

**DR. TYLER HAS MADE 5 TRIPS TO AFRICA
including
ETHIOPIA SOUTHERN SUDAN NIGERIA
&
MET WITH KEY GOVERNMENT OFFICIALS**

**THEIR COMMENTS ARE THAT
CURRENT INITIATIVES TO COMBAT MALARIA ARE INSUFFICIENT**

**FAVORABLE RESPONSES & SUPPORT WERE RECEIVED
REGARDING
INTEGRATED MALARIA VECTOR CONTROL**



**ADDITIONAL BENEFITS
OF
INTEGRATED MALARIA VECTOR MANAGEMENT
GRASS ROOTS COMMUNITY BASED PROGRAMS**

1. Reduction of poverty and stimulation of the local economy with the employment of a significant number of individuals (70 people per community of 35,000).
2. Local ownership of the program through working with regional health units and the training and education of a significant number of individuals on all aspects of the program; providing a knowledge base within a community that can be transferred to other communities.
3. Cleanup of discarded waste; removal of discarded waste such as tires and plastic containers that serve as artificial larval habitats; recycling of these materials would provide an income for the program, additional employment and supports civic pride.
4. Remediation of non-environmentally significant wetland containing larval habitats to productive use, for example, agriculture and aquaculture.
5. Reduction in the rate of development of resistance to currently used mosquito pesticides and malaria medications; the rate is directly proportional to the number of mosquitoes and by significantly reducing the number through vector management, the rate of development of resistance will decline.
6. Greater freedom for outdoor social & commercial interaction within the community after 6 p.m. because of a significant reduction in biting mosquitoes in the evenings.
7. Increased commerce between communities which is currently limited due to fear of contracting malaria.
8. An opportunity for Canadian youth and professionals to participate and contribute to the improvement of quality of life.



PESTALTO'S GOALS:

1. to establish Centres of Excellence in each country where malaria is endemic;
2. to train local people to implement their own successful operational Integrated Malaria Vector Management programs with verified results;
3. to significantly minimize the number of adult mosquitoes at the community level towards creating verifiable vector free zones.

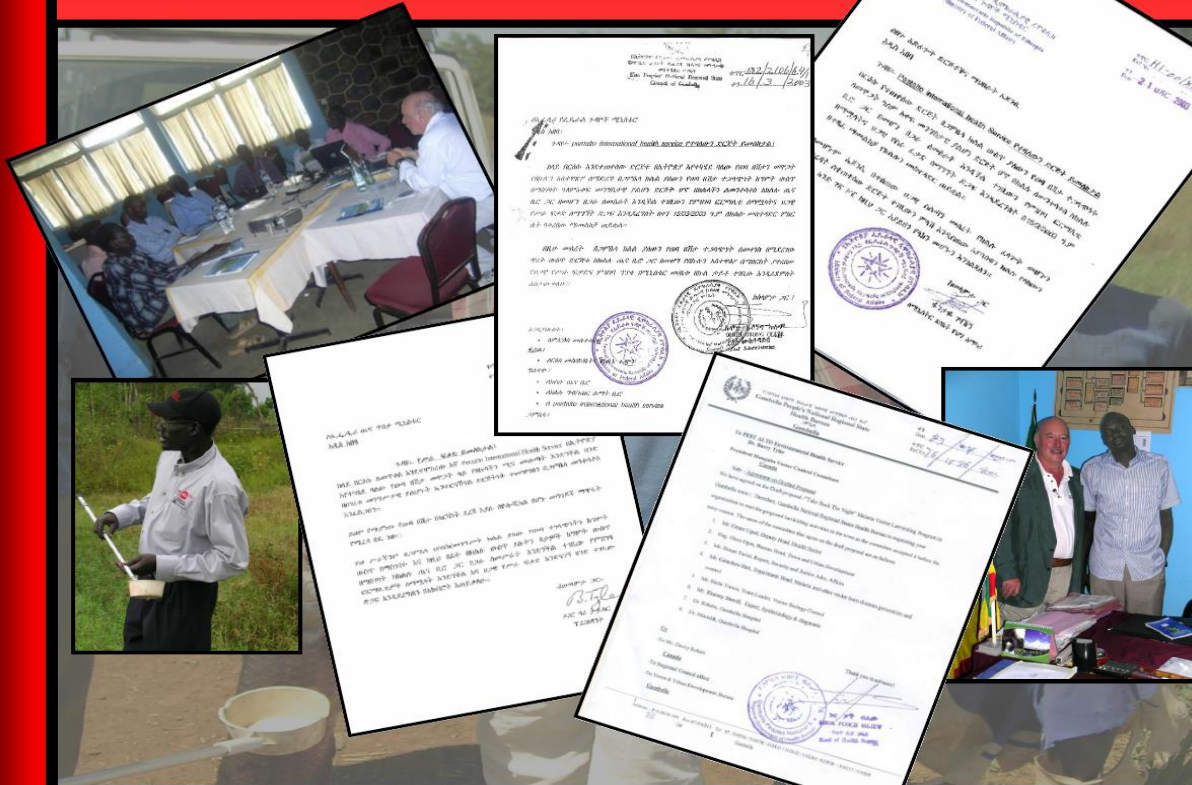
THEREBY, SIGNIFICANTLY REDUCING THE TRANSMISSION OF MALARIA

AND

THE IMPACT OF THIS DISEASE WITHIN COMMUNITIES

ACCOMPLISHMENTS

GAMBELLA REGION, ETHIOPIA



1. Reviewed the Malaria situation in Gambella Region and met with key decision makers
2. Formed the Working Committee
3. Designed the strategy for IMVM for the capitol of Gambella Region and received approval for the IMVM program proposal
4. Provided a letter of intent to set up a Centre of Excellence
5. Received letters of support from the Chief Administrator and Minister of Health of Gambella Region
6. Received a letter of support from the Ethiopian Minister of Federal Affairs

ACCOMPLISHMENTS
JUBA, SOUTHERN SUDAN



PESTALTO
International Health Services

Dr. Darwan Ebbin
Director General
General Assistance & Coordination
Ministry of Health
Government of Southern Sudan
Juba, Southern Sudan

January 6, 2011

Dear Dr. Ebbin:

Thank you for meeting with me last November to discuss Pestalto's potential role in vector control as part of malaria management in Southern Sudan.

Purpose to this discussion, the following is a statement of Pestalto's intent with regards to reduce incidence of the malarial fever in Southern Sudan.

As you are aware malaria is responsible for 300-500 million clinical cases each year, with 1-4 to 2.6 million deaths yearly among African children. The impact is devastating on families, communities and countries in terms of increased morbidity, productivity and economic growth.

Current strategies include insecticide treated nets and long lasting insecticide treated nets; accurate diagnosis and appropriate management along with improved prophylactic treatment and better residual spraying. This conventional approach is reducing the incidence of malaria. However, after 2 trips to Africa and discussions with government and health officials, I have concluded that I will not return in July and that I will continue to work for an outdoor vector control approach to support the current initiatives for malaria eradication by 2015.

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Pestalto is the major vector control service provider in Canada. We have successfully addressed Malaria Virus at the community level, reducing the incidence of malaria cases through education, training and the implementation of targeted vector management programs including the use of modern biological techniques and technology. The principle for the reduction of the incidence of malaria is the same.

Our intention is to partner with the Government of Southern Sudan and establish a Centre of Excellence in Southern Sudan. The focus of the Centre is the transfer of improved vector control strategies, including mosquito breeding techniques, and supporting community representation and development of "grass root" community programs. The goal is the eradication of malaria at the community level.

My thoughts and well wishes are with the people of Southern Sudan in the upcoming vote.

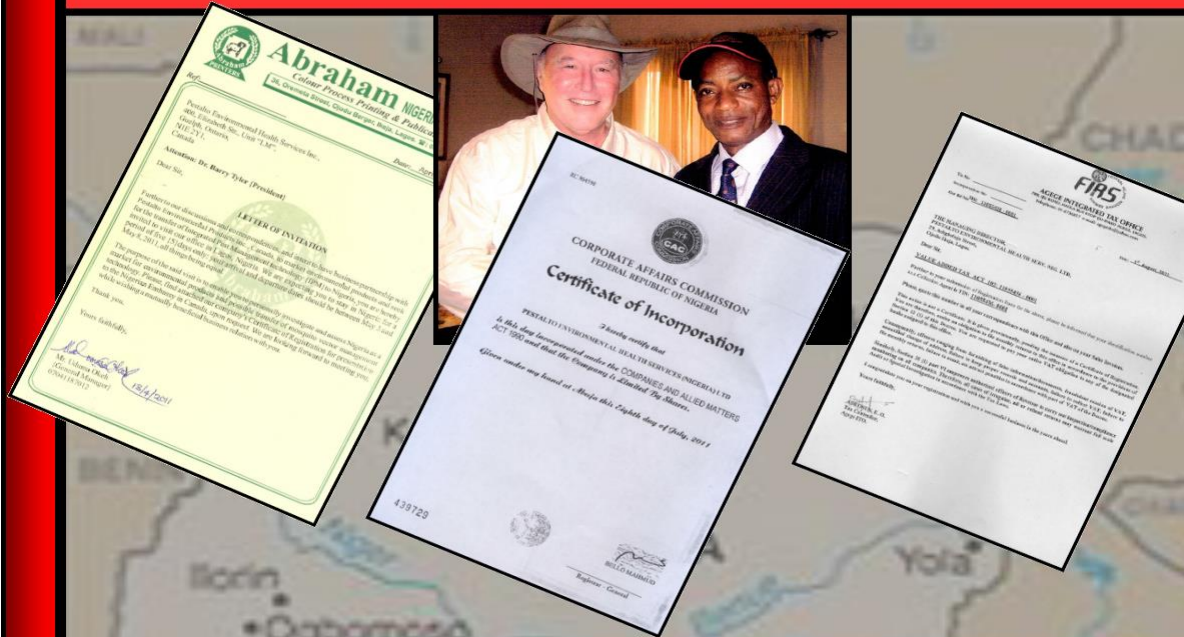
Sincerely,


Barry Tyler, Ph.D.
Pestalto

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1. Reviewed the Malaria situation in Juba, the capitol of Southern Sudan and met with key decision makers
2. Provided a letter of intent to set up a Centre for Excellence
3. Dr. Baba of the GOSS Ministry of Health, requested a proposal for an IMVM strategy for Payam Katour, a large area in the east sector of the City of Juba
4. To date we have mapped the boundaries of Payam Katour and surveyed larval habitats

ACCOMPLISHMENTS
LAGOS, NIGERIA



1. On the invitation of Mr. Uduma Okeh, an environmentalist in Nigeria, travelled to Lagos and reviewed the Malaria situation.
2. Met with key individuals who confirmed that incidence of malaria was greatest in Nigeria compared with other African countries
3. Concluded that a Centre for Excellence for IMVM training and an operations centre would be appropriately located in Lagos
4. Applied for and received a Certificate of Incorporation for Pestalto Environmental Services (Nigeria) Ltd.
5. Applied for and received from the Federal Revenue Service the VAT identification number, allowing Pestalto (Nigeria) to conduct business in Nigeria

**THE PRINCIPLE
OF
INTEGRATED DISEASE VECTOR MANAGEMENT
TO SIGNIFICANTLY REDUCE THE HEALTH & SOCIAL
IMPACTS OF A MOSQUITO VECTORED DISEASE**

**IS SUCCESSFULLY APPLIED
IN NORTH AMERICA AND EUROPE**

**THE PRINCIPLE
WOULD BE EQUALLY EFFECTIVE
IN THIRD WORLD COUNTRIES
SUCH AS THOSE IN THE SUB-SAHARA REGION OF AFRICA**

**DR. TYLER AND THE PESTALTO TEAM
HAVE THE EXPERIENCE AND ABILITY
TO
TRANSFER AND IMPLEMENT THE TECHNOLOGY**

**THE GROUND WORK HAS BEEN PREPARED
IN
ETHIOPIA NIGERIA SOUTHERN SUDAN**

FINANCIAL SUPPORT IS REQUIRED TO CONTINUE