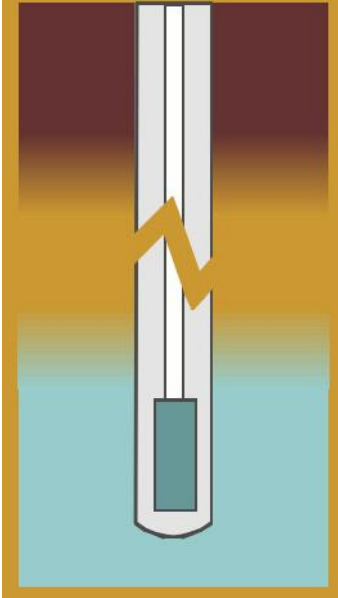


Wells of Restoration

EXECUTIVE SUMMARY



Humanitarian outreach to primitive people called Maasai:

- 1. providing a practical, low cost drinking water***
- 2. irrigation for growing a simple herbal cure for malaria***

Specific Objectives

Acquire the equipment and capability necessary for an ongoing water well vocational project among the world's most primitive people.

Establish water wells in each of the first 10 Maasai communities to include pumps and monitoring.

Establish an irrigation system to start growing the herb that successfully prevented and cured malaria in China for more than a thousand years.

This project can be completed on a total budget of \$110,000 and in a time frame of 6 months.

At the close of the project, leave in place the ability for the Maasai to drill more wells at a direct cost of about \$3,500 each.

RESTORATION OF EASTERN COMMONWEALTH ORGANIZATION

NGO: Non-Profit & Non-Taxed & Non-Government

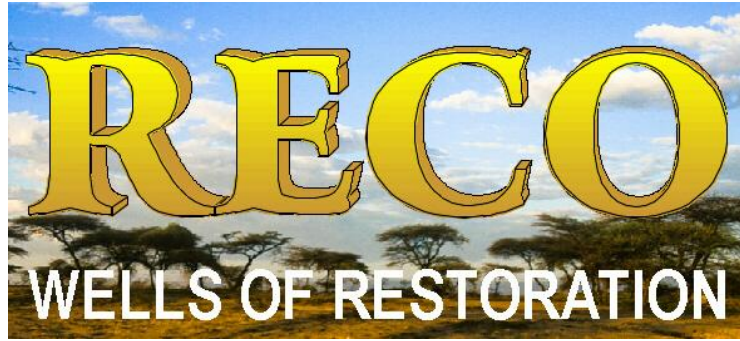
Contact: Leonard Heatherly, Executive Director

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Web Site at <http://restorationofeasterncommonwealth.org>



Low Cost Water Wells Project by RECO

providing fresh drinking water & irrigation for the herbal cure for malaria

INTRODUCTION

**Venue: Maasai Land, Kenya
July 2011**

A creative combination of technology and practicality will make possible low cost water wells for Maasai in the Central Kajiado District of Kenya. These wells will provide fresh drinking water for the first time to primitive communities in the remote bush country and irrigation for the first farms to grow an herbal tea that cures malaria.

While \$110,000 USD (9 million KES) would usually produce only 1 or 2 traditionally dug wells, this project will establish 10 low cost, shallow water wells - clean continuous water for about 5,000 Maasai.



In addition to the benefit of providing fresh drinking water, these wells provide necessary irrigation for the growing of a proven herbal remedy that is both a preventative and cure for malaria.

A vocational training program will utilize the equipment from this project to continue drilling wells in a self-sustaining program. So, there will be dozens of more wells each year, multiplying the numbers receiving fresh water. The small farms growing the herbal remedy will demonstrate how malaria can be defeated in all of Africa.

WELL EQUIPMENT



707 EX Hydra Drill

The simplest drill is a commercial grade power head with 25:1 gearbox including 6 HP 4 cycle engine & 5 HP mud pump. Intended to be used for 6 inch (15 cm) bore size up to 150 ft (42 m) deep. The cost is approximately \$9,500 USD plus maintenance, supplies and delivery.

Two such drills are needed; at this point 1 has been purchased and tested.

Power Generation

Initially small commercial wind turbine is to be mounted on the wells to produce electricity to power the water pump and supply some area lighting. Prototype equipment is currently being built and evaluated to reduce costs.



Transport System

A heavy duty van type truck is required to carry the drilling rig and supplemental equipment; a used vehicle is estimated at \$17,500. The van will be utilized by the vocation program after the completion of the 10 wells.

Water Pump

Small 28 VDC pumps are to be installed with a volume capability of approximately 40 liters per minute. PVC casing, screens, cement mix, hoses, extra bits, etc. are among the needed supplies.

Irrigation System

The irrigation equipment will include plastic storage vessels of at least 5000 liters capacity and a connecting hose system.

OPERATIONAL APPROACH

Water Wells

The wells are for the benefit of the community. Each well is expected to supply drinking water for about 100 families (approximately 500 people) these wells are not for watering livestock. Each well is to be supervised, caring for both the well and the people of the community.

Demonstration Farms

Mini-farms are to be established in Maasai Land to grow the herbal remedy for malaria. These farms will create an embryo agriculture industry utilizing a Maasai work force. The irrigation from the water wells will assure consistent crop production.

General Notes

1. The drill is manufactured in the USA and has used successfully in more than 100 countries. The vehicle must be a covered van appropriate for rugged terrain. An assortment of minor equipment is required in support of the drilling operation.
2. The practical education is priceless in that it will empower Maasai and other groups to have the know-how to establish low cost wells in an ongoing program.
3. There are a few existing shallow wells (less than 150 ft) in the region of Southwest Kenya that proves their feasibility. The creative application of high technology and low cost techniques make 10 wells possible for such an usually low cost.
4. The Executive Director of RECO was formerly an aerospace engineer and has worked with the Maasai since 2002. He researched carefully the equipment and has travelled to China to get first-hand knowledge of the herbal product. Contact trustmanager@email.com for more detailed information.

Start Up Budget

Wells of Restoration			
10 Well Start Up Budget - US Dollars			
Maasai Land, Kenya			
Start Up Costs			
1 Hydra Drill, accessories & delivery		9,500	
Equip. Transport Vehicle		17,500	
Shipment of Equipment		2,500	
Power Equipment & Supplies		7,000	
Travel USA-Kenya		6,000	
START UP TOTAL			40,500
Administrative Cost			
Voc. Education & Promotion		2,500	
Local Travel & Salaries		12,000	
Strategic Reserve		5,000	
ADMINISTRATIVE COST			19,500
Completion Costs			
	Per Well	10 Wells	
Turbine Generator	1,600	16,000	
Irrigation, Lighting & Security	1,000	10,000	
Pump, Piping & Storage	700	7,000	
Irrigation & Lighting	600	6,000	
Site Preparation	600	6,000	
Direct Labor	500	5,000	
10 WELL COMPLETION			50,000
TOTAL 10 WELL PROJECT			\$110,000

APPENDIX

Overwhelming Proof

(Selected from Dozens of Health, Medical & Scientific Articles)

Publication Substantiate Malaria Cure:

Wormwood: This treatment for malaria was, however, lost over time. It was only rediscovered in an archeological dig in the 1970s where its medicinal use was found in a recipe inside a tomb. The formula was dated back to 168 B.C. where the Chinese chemist isolated the primary active ingredient from the leafy portion of plant called *Artemisia annua*. In 1972, scientists in the West called this crystalline compound "qinghaosu" or "artemisinin". Since then, studies in China and Vietnam have confirmed that artemisinin is a highly effective compound with close to 100 percent response rate for treating malaria... In fact, over one million malaria patients have been cured via this method. Their symptoms also subsided in a matter of days. <http://www.drlam.com> - Michael Lam, M.D., M.P.H., A.B.A.A.M.

Lancet Medical Journal:

There is one exciting development for malaria treatment on the horizon: a plant called qinghao, or wormwood, in the West, also known as *Artemisia annua* by the Chinese.

This herb, which has been used in Chinese medicine for thousands of years to treat a variety of ailments, has been recognized as an anti malarial drug in China since the early Seventies. The Chinese have demonstrated that it is more rapidly acting than any other antimalarial, with no evident toxicity (Lancet, 1993; 341: 603-8; Trans R Soc Trop ed Hyg, 1994; 88 (Suppl I): S9-S11).

In some parts of southeastern Asia (particularly the eastern and western borders of Thailand) where the failure rates of treatment with high dose mefloquine alone in falciparum malaria now exceed 40 per cent artesunate taken orally with mefloquine over three to five days still remains highly effective (Lancet, 1992; 339: 821-4; J Infect Dis, 1994; 171: 971-7).

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These herbs also seem to be faster acting than other anti malarials and there appears to be no evident toxicity, although individual responses may vary, as with all herbs (Lancet, 1992; 339: 649-50).

Ethiopia and Wormwood

It's about the money! December 2004

"Artemisia, which grows wild in China and Vietnam, is considered one of the most effective treatments against malaria in the world." "Experiments began in China in the 1970s but Mao's government kept it secret for decades" "Research shows that artemisia (raw herb grown in China) remedies cure 90 per cent of patients in three days"

Via NY Transfer News Collective - * All the News that Doesn't Fit - By Meera Selva in Chench, Ethiop

Lifestyle of Maasai

