



## June 07 Newsletter

Welcome to another monthly flash of news from EngineerAid. Once again we'd like to thank you for all your support in helping to provide help and advice on projects around the world.

### Recital for EngineerAid A Musical Journey through Europe

"A Musical Journey through Europe" - a recital in part benefit of EngineerAid - was held in Aberdeen on the 2nd of June to the great delight of its 230 strong audience.

EngineerAid volunteer engineer, Jenna Robertson, was both organiser and one of the star performers of the night. Jenna worked very hard over the past few months, fitting in rehearsals and promotion of the event around her day job as a process engineer with Shell in Aberdeen. She was very pleased with the results, with everyone in the audience finding the performance highly enjoyable.

Further details on the performers and the program can be found on their impressive website at [www.recitalaberdeen.co.uk](http://www.recitalaberdeen.co.uk)

For those who missed the one-off performance or for those who would like to re-live the experience a DVD video recording of the event will shortly be available to buy through the same website. Again, one half of the proceeds will be donated to our charity.

EngineerAid would very much like to thank Jenna and her fellow performers for their enthusiastic contribution.

### World Population Day 11<sup>th</sup> July

For the last 17 years the United Nations Population Fund has held the world population day to highlight important issues surrounding population and development. For more information about this year's campaign check out [www.unfpa.org/index.htm](http://www.unfpa.org/index.htm)

### News from the Team

We would like to thank Ali Grainger, who is leaving EngineerAid to start a new job in London. Ali's hard work for the Funding team will help EngineerAid to continue it's success. Many thanks from the team and Best Wishes for the future Ali.

### The Drowning Man

Edinburgh's (first) Canal Raft Race 2007 - Saturday 30th June, Compete for the fastest team, fanciest float and most recyclable raft.

Application pack and flyer downloadable from [www.engineeraid.com](http://www.engineeraid.com)

If you'd like to put an EngineerAid team together – get in touch!



### Call for Project News

As all our volunteers work in such a diverse range of fields it would be great to hear from you if you're undertaking a development project in any aspect of your work, or if you've got an interesting piece of news you'd like to share with the rest of the volunteers. Email comments to [contact@engineeraid.com](mailto:contact@engineeraid.com)

### African Fair

EngineerAid recently participated in the African Fair organised by Penicuik for Africa in conjunction with the on-going make poverty history campaign. It was a great event with a fun mix of stalls, food, dancing and drumming. We were joined by 32 organisations providing aid in different countries throughout Africa.

The event was aimed at raising awareness about the issues surrounding sustainable development. EngineerAid's work generated a lot of interest and enquiries from visitors and the other participants. Our thanks to Penicuik for Africa who organised the event. For more photos of the event checkout [www.engineeraid.com/africanfairgallery/](http://www.engineeraid.com/africanfairgallery/)





## Enquiry of the Month



### Small Dam construction, Koibatek District, Rift Valley Province in Kenya

The farmers from the Koibatek district wanted to construct small dams (by hand) and a drip irrigation system on their farms to aid the harvest of rainwater during the rainy season. The water would then be used to irrigate horticultural crops across an area of approximately 2 acres.

Given the complex nature of this enquiry and the problems of suitable information remotely without a detailed knowledge of the intended site the preliminary advice received from our volunteer engineers was to carry out a site survey of the watercourses, ground levels and a survey of the soil types. Other factors also needed to be assessed like, the quantity of water to be retained, a profile of area where dam was to be constructed, available materials, cement, rock, clay, metal pipes, etc, available digging tools, spades, use of mechanical digger, etc and the downstream risk if the dam collapsed?



In light of these issues, our volunteers were able to suggest some alternatives to hand constructed damns. These included contour ridges, contour furrows, semi-circular micro catchments and agroforestry with contour vegetation strips, or a possible combination of these methods.

#### Contact Details

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