



KWA KASONZO SAND DAM (APA DAM 1) REPORT

Background

Kwa Kasonzo sand dam is located along Yamwiitu stream in Syomunyu sub-location Kanyangi location Yatta Division. It's at the leeward side of Yatta plateau, 5 km from Kiusyani-Kanyangi road.

The sand dam will serve residents of Itulani and Kimwele villages. The immediate beneficiaries of this project are 45 Households with a total population of 360 people.

Progress of work

Preparation of the site started in February 2007. Actual construction of the dam started in mid April and by July 20th the sand dam was completed and the well 10 ft dug. The blocks for construction of the well had been cast and construction of the well is done to start on 27th August 2007.

Anticipated benefits

- Once the well is completed the sand dam yields charged and 45 households (360 people) will benefit from safe water for domestic use and use by their livestock.
- Water will be available within km for the said beneficiaries and this will save them time which they will invest in their farm land and income generating activities hence improve their livelihood. (formerly residents would fetch water from River Athi – 5 km away from the villages) The people farthest away are 7-8km from Athi River.
- The water from the sand dam will be safer for domestic use than water from Athi river which is highly contaminated. Incidences of waterborne diseases and heavy metal poisoning will be reduced.
- Residents of Itulani/Kimwele and their livestock are often attacked by crocodiles along R. Athi. The crocodile menace will be eradicated.
- The sand dam will create wet land 40 metres upstream once it matures hence improving the environment.

BUDGET

SASOL received a transfer of Ksh. 556,320 from APA and incurred an expenditure of Ksh. 525,190 from these funds. This leaves a balance of Ksh. 31,130. Which will be used in the subsequent dam 2 details of expenditure is given here below.

APA VISITS

A team of APA members led by the CEO visited the site for ground breaking on 10.02.07. The ground breaking ceremony was also attended by all levels of SASOL staff (including the executive's chairman).

Members of the community showed enthusiasm during this occasion and promised to complete the dam in two months.

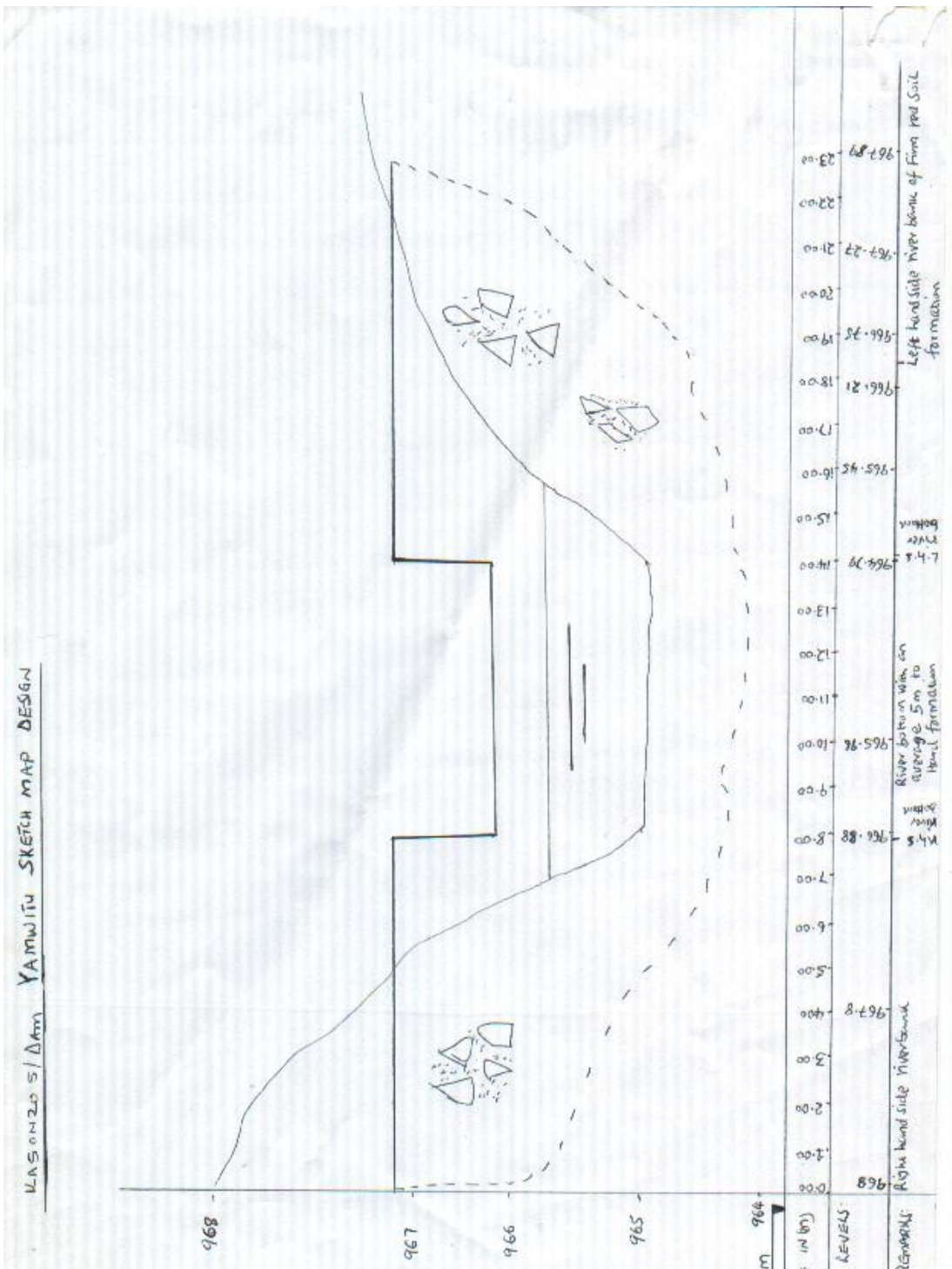
Upon completion of the sand dam, the APA team visited the dam on 21.07.07; they were highly impressed by the performance of the construction work and accepted the community's request for another sand dam at potential site identification upstream.

Although the ground breaking was in February 2007 the construction work started in earnest in April. The time lag was necessitated by harvesting of a bumper crop as a resultant of a very good rainy season.

APA

Kwa Kasonzo dam: Expenditure/costs

a. Material	296,490	
b. Skilled labour	47,250	
c. Community Organization	30,000	
d. Site selection and preparation		
Survey, location and design	40,000	
e. Technical supervision	<u>30,000</u>	
Total direct construction costs	443,740	
f. Administrative costs		
(Site administration, procurement and office costs)	56,300	
g. Transport	25,150	
<u>Total indirect cost</u>	81,450	
Total site cost	525,190 (63.7%)	
g. Community contribution		
Local material	74,592	
Labour	225,000	
Total	299,592	(36.3%)
Grand total site cost	824,782	



28th August 2007.