

10th February 2006

PER CAPITA SAND DAM COST

PROJECTS	STARTED	COMPLETED	NO. OF DAMS	BUDGET KSH.	COST OF DAM KSH.
DFID	October 2000	June 2004	113	32,520,529	287,800
BDDEA Project No. 719	August 1997	October 1999	56	15,656,230	279,576
WATER AID Project No. 1718	April 1995	July 1997	34	5,691,500	167,397
SIDA PHASE 1	June 1997	March 1999	30	5,888,930	196,298
SIDA PHASE 2	January 2000	June 2001	40	7,669,780	191,745
SIDA PHASE 3	February 2002	December 2003	49	13,893,720	283,545
SIMAVI				18,037,750	
MCC	July 1999	September 2000	7 New 3 Repair	2,154,982	215,500
MCC	July 2003	June 2004	24	6,000,000	250,000
EXCHANGE	2002		16	3,289,800	

Assuming an average of 55 families or 385 persons using a dam the cost of per person has varied in the last 10 years from Ksh. 435 in 1996 to Ksh. 753 in 2004. This increase has been due to three factors:-

- (1) Increase in price of material
- (2) Improvement of dam design
- (3) Upgrading increase of off take wells.

NB: This is an analysis of 60% financial cost of the dam without the 40% contributed by community.

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