

### Introduction

This report is the last and final reporting obligation to Jersey Overseas Aid Committee to account for the grant of £149,665 for the period March 2004 to July 2007. The report is, in essence, a supplementary account for the no-cost extension granted for use of the previously reported balance of £1,619 under the above grant.

### Context

Horde is a poor nomadic village situated in the north east of Nyimo County - 45 kilometres from the county seat - at 4522 metres above sea level. The main livelihood of the villagers is animal husbandry. The village has one small Preliminary Primary School (i.e. grade one to three), with a total of 9 students and 1 teacher. After completing the grade three the graduates from this school will be admitted into the Township Centre Primary School (i.e. Integrated Primary School).



Diarrhoeal disease amongst children is a major health problem in Horde community. Major causes can be summarised as lack of knowledge about disease transmission routes, lack of adequate sanitation and lack of access to clean drinking water. Save the Children installed a gravity-fed water supply system in 2006, which caters for both the community and the school.



### Appalling sanitation

Sanitation in Horde primary school was in an appalling state. The existing latrine (*please see the picture on left side*) in the school was hardly being used, due to the offensive smell the latrine produced, and the inconvenient access to the latrine as it was poorly designed. The rear holes are not blocked up and the latrine waste is washed off by runoff rainwater during monsoon, with spill-over around school surroundings. In winter the latrine waste freezes due to extra cold temperature. School children practise open defecation, in places near school; for example, in the bushes and behind boulders.

### Project action

For experimental purpose, the *watsan* team, within a space of 20 days - installed a latrine of an improved design in Horde village primary school. The design is meant to enable the compost decomposition by means of solar heat attracted and retained by black-colour painted compost chamber, in the back of the latrine, fitted with ventilated pipes for gas and ordour release.



Community members were actively involved in such areas as initial planning stages and actual implementation processes. Community members provided free labour and locally available construction materials such as sand, stones and so on.



If this newly developed school latrine model proves effective and well received, the project aims to replicate this new model to other project areas on a wider scale, possibly across the whole TAR. The actual cost for building Solar Heated Ventilated Pit Latrine in Horde village primary school is attached herewith on second page of the report.

**Financial summary**

All figures expressed in GBP.

Item	Original Budget	Revised Budget (Approved in Oct.2006)	Actual Expenditure (Mar.2004-Feb.2007)	Actual Expenditure ( Mar.07-July 07 )	Variance
Kitchen dining hall	5,395	4,611	4,611		0
Boarding school latrine	14,630	14,239	14,052		187
Household latrine	12,340	12,340	12,264		76
Bunks & mattresses for boarder	48,500	48,500	48,500		0
Greenhouses	68,800	68,689	68,619		70
Solar-heated toilet (pilot)	0	1,286	0	1,619	-333
<b>Grand Total</b>	<b>149,665</b>	<b>149,665</b>	<b>148,046</b>	<b>1,619</b>	<b>0</b>

**Actual Cost Summary for Solar-heated Ventilated Pit Latrine  
Horde Village Primary School in Nyimo County**

**Boulder Stone Masonry Structure:**

Overall Outside Dimension: 4.80m x 4.10m x 3.10m

Overall Inside Dimension: 3.80m x 3.10m

Serial No.	Description of Items	Unit	Qty	Rate GBP	Total Cost	Cost Contribution	
						Project	Village
<b>A. Regular Structural Materials</b>							
1.	Boulder Stone	80M <sup>2</sup>	4125	0.16	280.00	280.00	0
2.	Concrete Bricks	PC	893	0.15	134.00	134.00	0
3.	Cements	Ton	4	43.30	173.20	173.20	0
4.	Beams	PC	16	2.33	37.28	37.28	0
5.	Fabricated Door	PC	2	30.00	60.00	60.00	0
6.	Fabricated Window	PC	2	4.00	8.00	8.00	0
7.	Planks	PC	12	1.80	21.60	21.60	0
8.	Ventilation Pipe 160mm-2.5m	PC	4	11.00	44.00	44.00	0
9.	Painting Materials	Tin			56.20	56.20	0
10.	Concrete Beam 4mx50cm	PC	5	20.00	100.00	100.00	0
11.	Project Miscellaneous				56.72	56.72	0
12.	Gravels	M <sup>2</sup>	8	1.00	8.00	0.00	8.00
13.	Sand	M <sup>2</sup>	20	1.00	20.00	0.00	20.00
14.	Unskilled Labor for 20 days	People	10	1.40	280.00	0.00	280.00
15.	Skilled Labor for 20 days	People	6	3.30	396.00	396.00	0
16.	Transportation Cost	Truck	2	121.00	242.00	242.00	0
17.	Bucket for washing hand	PC	2	5	10	10	0
<b>Grand Total GBP</b>					<b>1,927</b>	<b>1,619</b>	<b>308</b>
<b>Contribution:</b>					<b>100%</b>	<b>84%</b>	<b>16%</b>

**Report Prepared By:**

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**Date:**

 23<sup>rd</sup> July 2007