

## Bitterfontein Rainwater Harvesting for Food Gardens

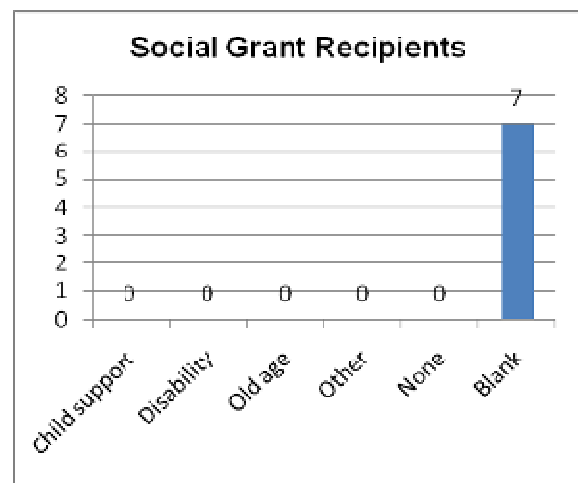
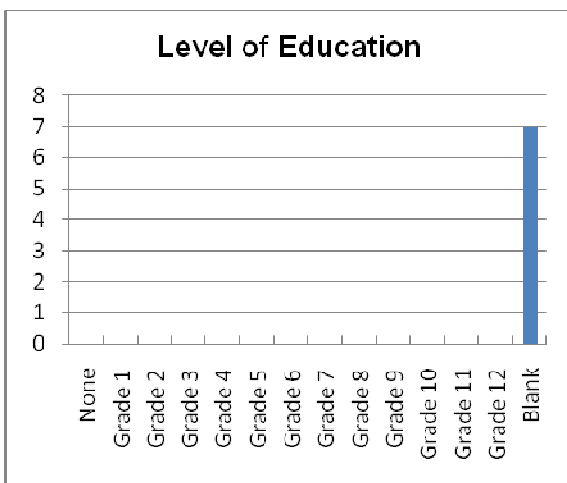
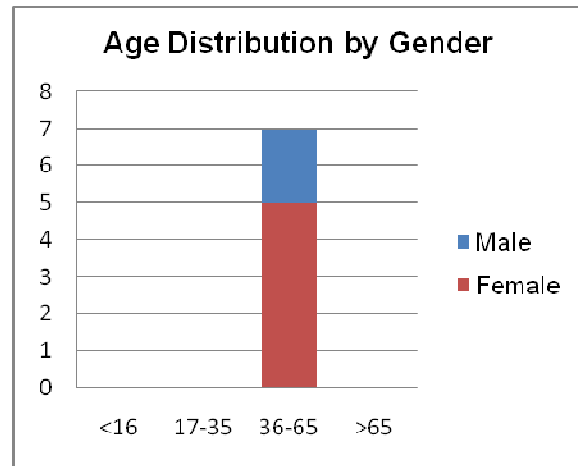
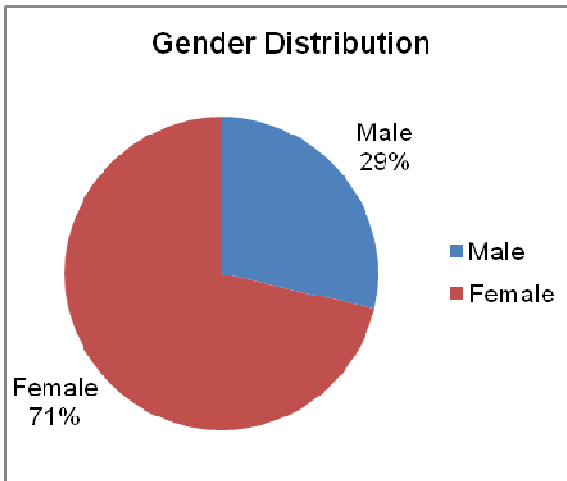
IWRM Objectives – Water for food and water security,  
rainwater harvesting, empowerment & capacity building



Thirteen 2,500 litre rainwater tanks were installed in Bitterfontein. The water is used to irrigate small food gardens. The project was partially successful as the original plan of accessing the “Big Roof” was not achieved.

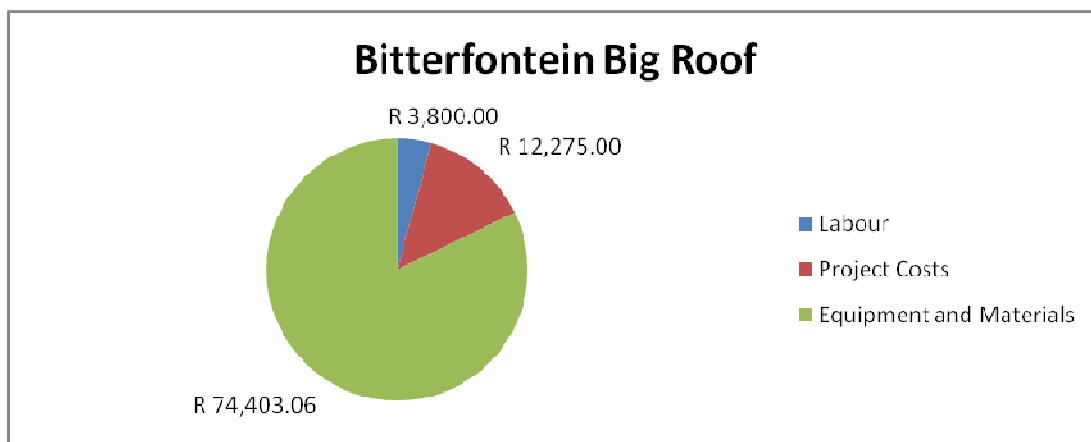
The Bitterfontein Advice and Development Office was unable to convince Transnet, the owner of the railway sheds in Bitterfontein, to allow access to the roof surface for the collection of rainwater. The project beneficiaries and community members decided to continue with the project focused on household roofs instead.

## Member Information for Bitterfontein Household Food Gardens Group (BF01X)



Number of active project leadership: 7 (5 female, 2 male), excluding community beneficiaries

## Financial Information for Bitterfontein Household Food Gardens Group (BF01X)



The Bitterfontein Big Roof was awarded an extended phase contract named IWRMII-OD-BFO1X-002 in 2008 to the value of R181,607.00 as an extension on the first phase project BF01. R90,478.06 was spent in the given contract period and the project closed at the end of June 2009.

Of the budget allocated to this group, R74,403.06 was spent on materials and equipment (tanks and gutters) to build the installations, R3,800.00 was allocated to wages and payments for work done on project tasks, and R12,275.00 was claimed to support the project management and administration tasks undertaken by the group. The funding was thus used primarily on labour and materials to install water tanks and develop food gardens.

During the first phase of community project funding, this project received and spent R5,266.33. The total invested in this group by IWRM is thus R95,744.39 since June 2007.

The project was able to see greater progress and achievement when the project goal of accessing the rainwater from the roof of the Transnet facility was set aside, in favour of collecting rainwater from household roofs and off community facilities that the group could access more easily.

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