



**Report on the Department of Water Affairs'
Integrated Water Resources Management
IWRM Programme funded
Rainwater Harvesting Projects
in the Olifants-Doorn Water Management Area**

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Report compiled for DWAF / DWA

Nik Wullschleger / Informage
IWRM Coordination Western Cape

Tel 023 347 0336

Integrated Water Resources Management (IWRM) II Programme



water & forestry

Department:
Water Affairs and Forestry
REPUBLIC OF SOUTH AFRICA



SALGA
South African Local Government Association



Bitterfontein Rainwater Harvesting for Food Gardens



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 Organisation 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.

IWRM budget spent in this project R77,423.25 primarily on labour and materials to install water tanks and develop food gardens.

More information: Aletta Nel 076 615 6792, Hendrik Claase 027 642 7108

Koue Bokkeveld Rainwater Harvesting



Sixty six 2 500 litre rainwater tanks were installed at 66 RDP houses in Op-die-Berg, Koue Bokkeveld. The water is used to irrigate small food gardens and supplement household water where the municipality has cut water supplies.

IWRM budget spent in this project R205,523.47 primarily on labour and materials to install the rain water tanks.

More information: Johannes Fransman 073 285 6154, Jan Abrahams 084 375 2035

DORCAS Food Gardens



Six 10 000 litre water tanks were installed at DORCAS, Vredendal. The tanks are primarily filled by water pumped from the LORWUA and supplemented by rainwater collected from the building roofs.

IWRM budget spent in this project R232 681.56 (most of the budget used on irrigation systems and developing vegetable plots, rather than purchasing water tanks).

More information: Lize Adonis 073 888 8399

Elandskloof Community Household Water Security



Seventy eight 2 500 litre water tanks are to be installed at 78 households in Elandskloof.

IWRM budget spent in this project R173 584.41 budget used to purchase materials and equipment necessary to install the 76 water tanks at households, thereby improving household water security. An intervention is required to ensure this project achieves its set objectives.

More information: Andreas Smith 022 921 3754

DWAF / DWEA IWRM Funded Community Rainwater Harvesting related Projects

Wupperthal Emerging Organic Farmers



Four 2 500 litre and three 10 000 litre water tanks were installed in Wupperthal to collect rainwater of shed roofs. The water is used to supplement irrigation water for organic vegetable crops.

IWRM budget spent in this project R145 515.61, most of the budget used on irrigation systems and developing vegetable plots, rather than purchasing water tanks .

More information: Dennis Bantom 027 492 3060 or Nico Hanekam 027 492 3655

Rainwater Harvesting Subsidies and the Cederberg, Matzikama and the DMA Emerging Farmer Forums



The three Emerging Farmer Forums are tasked with facilitating a proposal to secure a minimum of five hundred rain water systems for 500 households for each municipal area i.e. of 1 500 rain water harvesting systems. The forums will thus be testing the DWAF / DWEA subsidies for emerging farmers while securing improved water security for their communities.

The forums are currently identifying where the greatest need exists and it is expected that the complete proposals will be submitted to DWEA by November 2009.

Cederberg Emerging Farmer Forum: IWRM budget R238 722.21
More information: Hendrik Janse 084 305 8520 Salome Horn 084 273 8984

Matzikama Emerging Farmer Forum: IWRM budget R86 591.00
More information: Len Lategan 072 418 5996 Jan Fortuin 073 672 3314

DMA Emerging Farmer Forum: IWRM budget R99 142.24
More information: Bertie Cloete 072 418 5996 Katrina Willemse 027 632 5207