

WASSUP DIEPSLOOT

WATER AMENITIES SANITATION SERVICES UPGRADING PROGRAM



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DIEPSLOOT EXTENSION 1



Toilets need repair & maintenance



Drains continually blocked



Continual sewerage blocks & leaks



Ongoing leaks decays environment



Roads continually in state of decay

UPGRADE WORKS (2014)

Saving 4,000 litres water per day per toilet is saved when toilets upgraded and combined with regular maintenance.

WASSUP, Healthabitat & World Skills Foundation teamed up to do serious toilet facility upgrades



Since 2010 WASSUP has repaired and maintained toilets, taps & drains in extension 1, Diepsloot.

Partnerships with skilled people and organisations bring new ideas to help us create an improved environment for people to live in.



WASSUP & Dr. Anne Fitchett teamed up to pilot toilet paving and garden swale.



Drains and taps function better with better quality fixings, reducing further water leakage.

WASSUP & Dr. Anne Fitchett teamed up to pilot street paving to address stormwater drainage, using environmental engineering practices combined with local labour and affordable materials.

Teams and projects are facilitated by Sticky Situations.

PROPOSAL 2015

Extension 1 Diepsloot

WASSUP

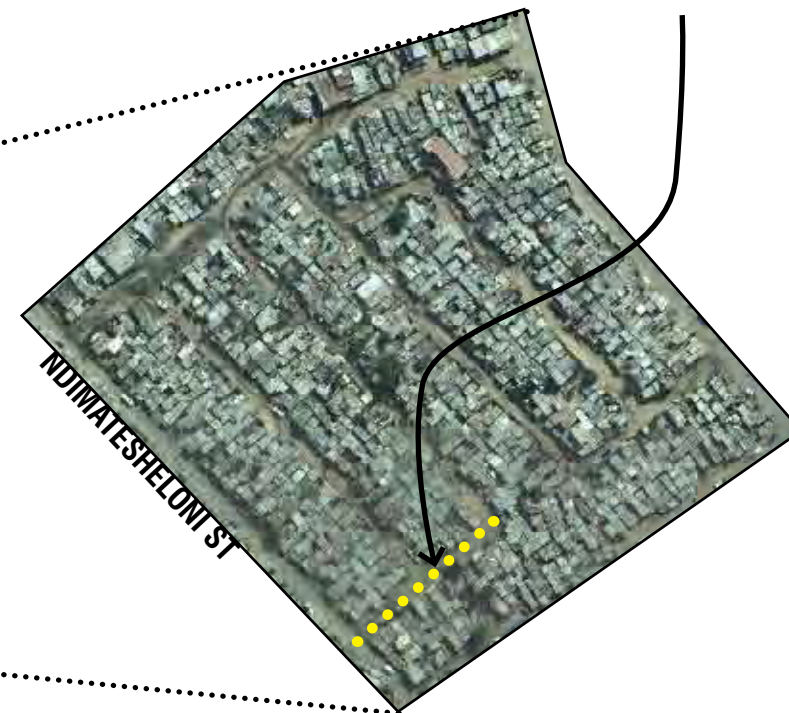
Continues to maintain 122 toilets, taps & drains in this area

WASSUP & HEALTHABITAT & WORLD SKILLS partnership
Upgrade 100 toilets in this area

This collaboration will save approx 400,000 litres of water per day and creates dignified toilets

PhD RESEARCH & ANNE FITCHETT

Expands street paving pilot project and swales, starting on Godfrey Moloi Street (marked in yellow) develop best practice, materiality and skills building.



EXPAND STREET PAVING PROJECT

Facilitate grass-roots organisations to roll-out street paving and maintenance throughout the remainder of this area, then to the rest of Diepsloot.



PROPOSAL 2015 STREET PAVING

2013 70m2 Godfrey Moloi street paved in pilot project

2014 10m2 Swale built around 2 Toilet facilities

2015 PhD COLLABORATION

- 407m² Godfrey Moloi street to be paved completely
- 8m² Swale built around 2 Toilet facilities

2015 STREET CO-OPERATIVE

- Facilitate local residents (perhaps form group) to pave streets in remainder of area noted on map to right (5,315m²)



KING MPANDE ST	203M x 8M	1,624M ²
GODFREY MOLOI ST	150M x 6M	900M ²
ISITHWALANDWE ST	150M x 5M	750M ²
SEKHUKHUNE ST	227M x 5M	1,135M ²
? ST	151M x 6M	906M ²
TOTAL		5,315M ²

PROPOSAL 2015

FINANCE (note that 90% of this funding goes directly towards materials or the people of Diepsloot to carry out the work)

HEALTHABITAT / WORLD SKILLS / WASSUP COLLABORATION: Upgrade 100 toilets, taps & drains	R	279,150
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WASSUP have funding until 9th May 2015, and need additional funding to see this collaboration through to end October 2015

(and continue maintenance of 122 toilets)

R 186,875

Healthabitat and World Skills come with their own funding, and will pay for all aspects of toilet upgrade.

R 0

GIS based mapping of entire extension 1 facilities and current status, to be updated at conclusion of collaboration

R 25,000

WASSUP funding to continue existing maintenance of 122 toilets from end October 2015 - end December 2015

R 67,275

PhD / DR ANNE FITCHETT / COLLABORATION : Pave Godfrey Moloi Street and create Swales around toilets	R	74,655
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GODFREY MOLOI STREET

407m² to complete Godfrey Moloi Street, as per previous pilot R165/m² (materials, stipends)

R 67,155

Swale around toilet tap and drain

R 7,500

PhD / Dr. Anne Fitchett comes with own funding and will bring professional expertise to the collaboration

R 0

EXPAND PAVING TO REMAINDER OF AREA INDICATED ON PAGE 4	R	966,295
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3,691m² From Godfrey Moloi St to King Mpande St, between Ndimatesheloni Rd to Thubelihle Dv. (excluding King Mpande) R165/m² *

R 609,015

1,624m² King Mpande Street only (requires more serious earthworks, cost is estimate)* R220/m² **

R 357,280

** Costs based on pilot project May 2013 and includes yearly increases.*

***Existing sewerage lines on King Mpande St are insufficient for current loading, and need to be upgraded to bigger than existing 110mm.*

Budget does not include any addressing of this issue, and assumes that Johannesburg Water will continue to collaborate.

TOTAL FUNDING TO BE SOURCED	R	1,320,100
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