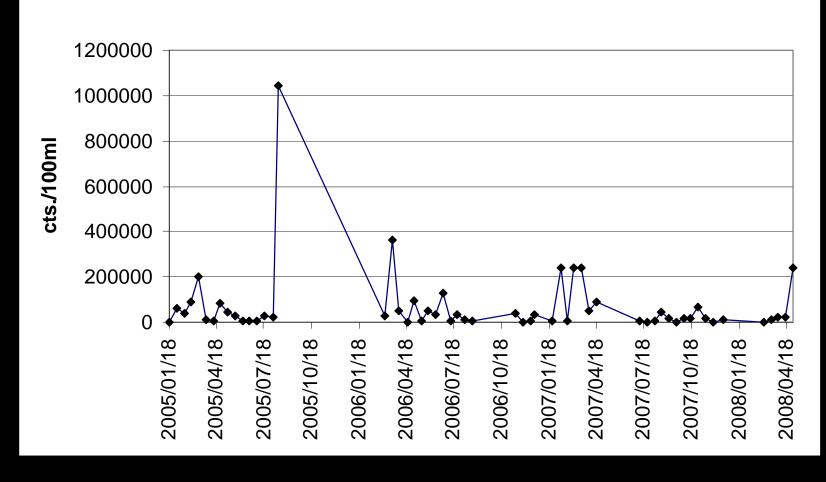


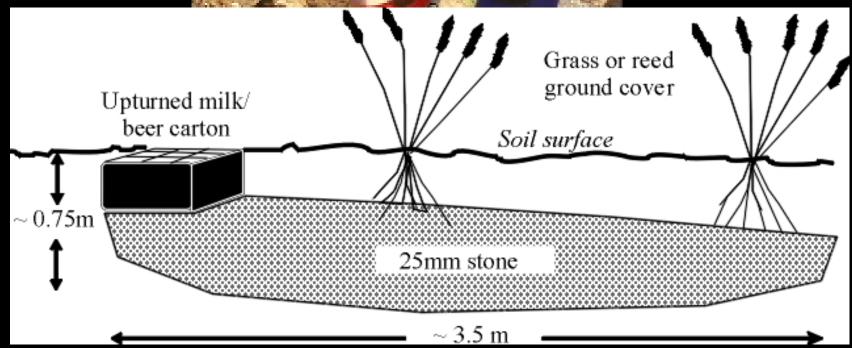


Results of NMMP sampling in the Franschhoek River (DWAF, 2008)

E.Coli Results: confluence Stiebeuel & Franschhoek River

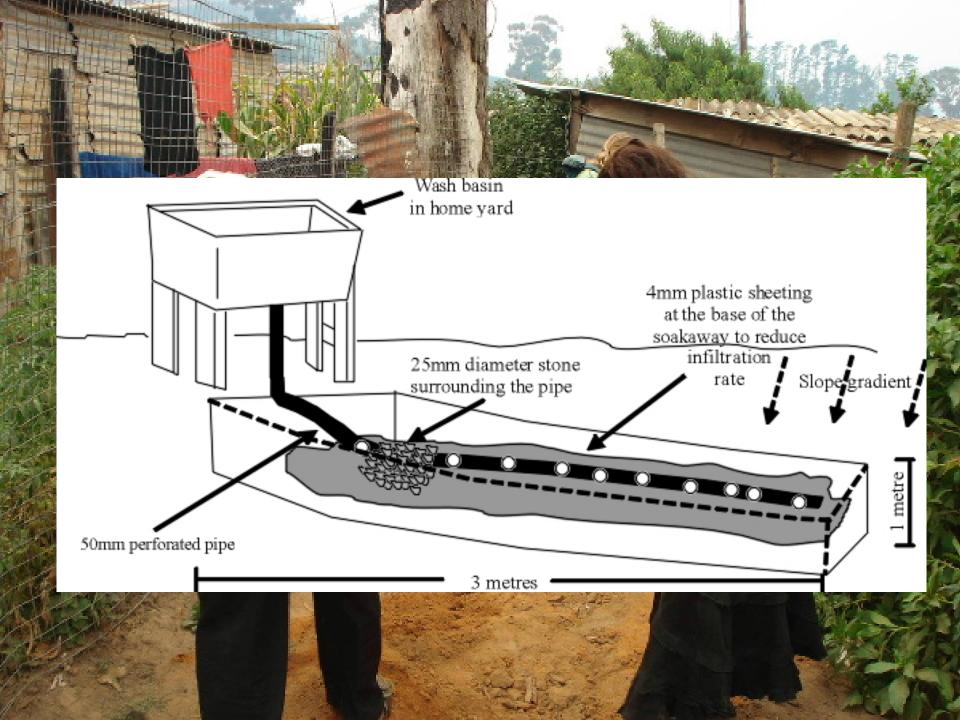






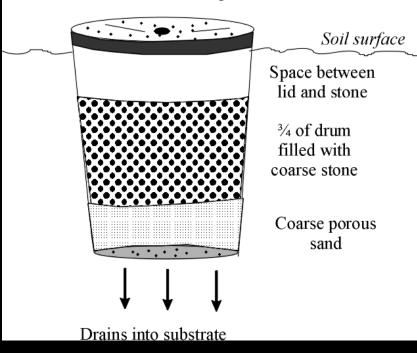


Nimrod thought that the trench's capacity was too small for the volume of water.... [he] recommended widening it to 1m and deeper. He imagined bigger dimensions and that the mouth could be closed to keep rainwater out.





Perforated cone shaped lid



Unbearable smell as we enter Waterworks....it didn't drain...is a murky brown-grey colour.

Waterworks 22 January 2008

The Report Card: Langrug & Waterworks



Poor communication: residents; councillors; officials

Residents have lost confidence in the local authority and in political structures

Reluctance to co-operate in new initiatives

Unrealistic expectations fuelled by political/ideological rhetoric

Poor design of existing infrastructure

Authorities operate in crisis mode

Reluctant Councillors with agendas that are not transparent

Street committees in paralysis

Poor co-operation from local authority officials

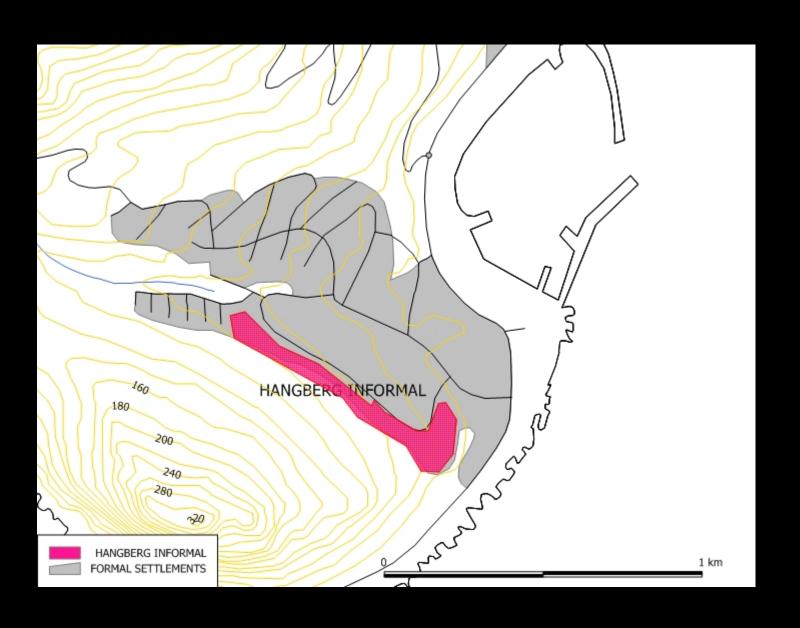
Ineffective political support at local level

Decreasing service delivery

Weak social structures

Increasing distrust







Hangberg... a different voice

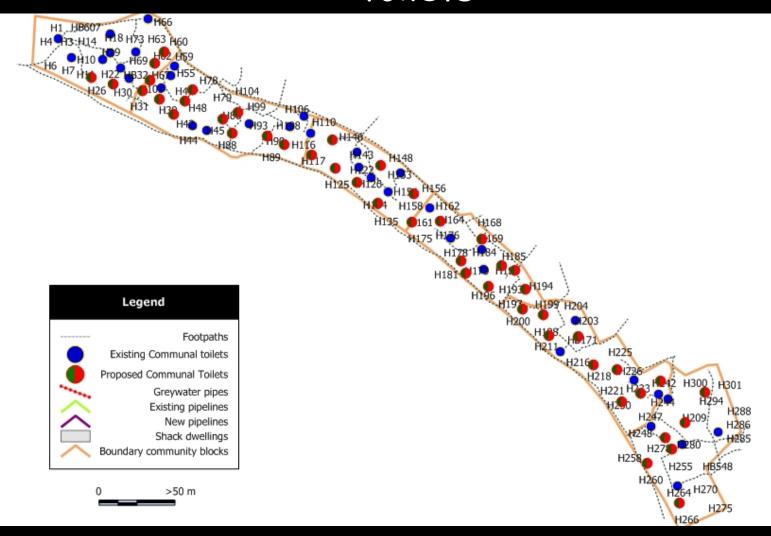


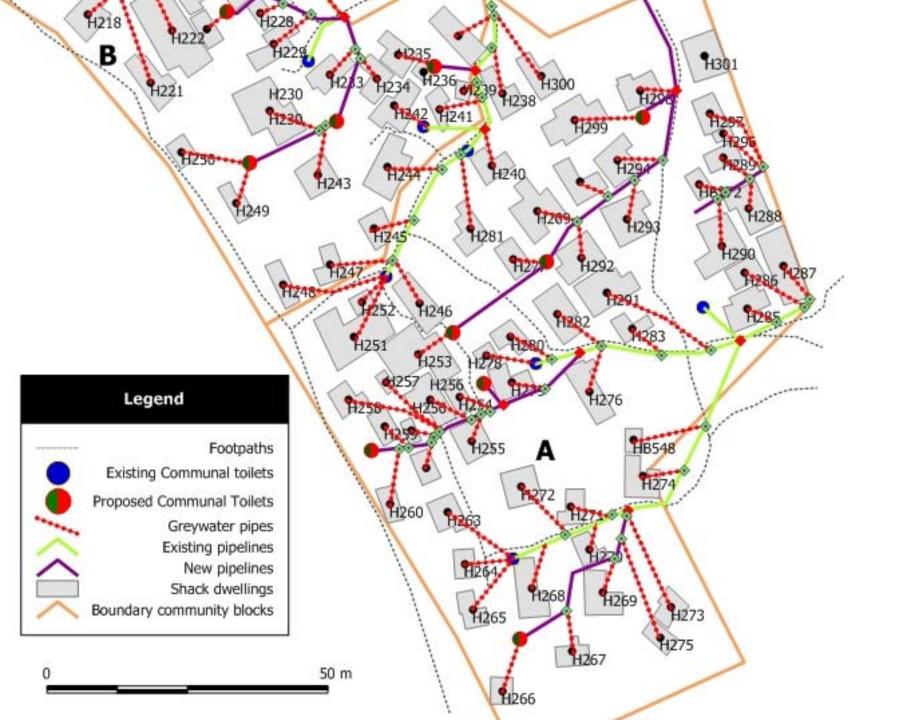
We feel like we are one family and thus assist one another without expecting to get anything back. We assist each other for the interest of the community. We are living in a fishing village where there is not always a flow of money, we therefore help each other.





Proposed and existing communal waterborne toilets





Ingredients for success



mandate

persistence

and tenure



Table 4.2: Results of Water Quality Tests (Hangberg, 7 September 2007)

Sites	1. Stormwater drain between Council flat and easterly bungalow	2. Stormwater drain pipe discharging into main access road	3. Stormwater outside Advice Office	4. Outlet pipe discharging to sea
E.coli (org./100ml)	1000	600	>1000	>1000
	Mg/I	Mg/I	Mg/I	Mg/l
Total Kjeldahl Nitrogen	3.0	<0.15	17.2	1.9
Total Phospherous (P)	3.4	<0.10	2.9	2.1

Some conclusions

- Greywater management cannot be considered separately from stormwater, sanitation and solid waste
- The needs of residents are focused on more pressing issues
- Limited capacity of community structures to effect community-based solutions
- Understand complex social and institutional dynamics first before designing and implementing technologies
- Process, participation and partnerships appear to be key ingredients to realising progress