



ENVIRONMENTAL HEALTH ANNUAL REPORT - 2005

DISTRICT/METRO: City of Cape Town

REPORTING PERIOD: 2005

DATE: 16 March 2006

POPULATION: 3 393 573

NO OF EHPs: 95 District EHP's
7 Community Service EHP's

NO OF COMMUNITY PROJECTS: 128

1. WATER SUPPLY

Water quality:

No of samples analyzed	Bac	3597	Chem	1947	No of Samples conforming (* see definitions)	Bac	3372	Chem	1761
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Access to safe water:

No of households with a safe water supply on premises	787441
No of households without a water supply on premises but with access to safe water	165548
No of households without access to safe water supply	149

2. SANITATION

Access to latrines:

No of households with access to safe/effective latrine facilities	846338
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Type of latrine:

No of households with the following types of latrines	Flush sewage system	815188
	Chemical	13296
	VIP	17854
* Not acceptable as safe/effective latrine facility according to the National White Paper on Sanitation	Pit*	0
	Buckets*	15672
	None	16520

Sewage disposal:

No of sewage plants	Municipal	21	Private	1	Govt. Inst.	0
No of sewage plants licensed	Municipal	21	Private	1	Govt. Inst.	0
No of effluent samples analyzed	Municipal	1126	Private	0	Govt. Inst.	0
No of effluent samples conforming to requirements	Municipal	695	Private	0	Govt. Inst.	0
Effluent disposal safe/effective Yes/No	Municipal	Y	Private	Y	Govt. Inst.	N.A.
Sludge disposal safe/effective Yes/No	Municipal	Y	Private	Y	Govt. Inst.	N.A.

Refuse removal/disposal:

Classification waste sites	General				Hazardous	
	Communal. - C	Small - S	Medium - M	Large - L	H-h	H-H
No of sites	1	2	0	2	1	1
No of sites where sanitary landfill procedures are practised	1	2	0	2	1	1
No of households with effective removal service					930118	
No of transfer stations used					7	
No of transfer stations operated nuisance free					7	

Health Care Waste disposal:

No of health care waste generators		2003
No of generators that dispose of their waste safely		2003
No of registered health care waste disposal sites		2

3. HOUSING

Housing Conditions:

No of houses	Formal	778011	Informal	175127
No of houses conforming to minimum standards	Formal	778011	Informal	0

4. FOOD

Food handling premises:

No of food handling premises (excluding dairy farms)	Formal	9925	Informal	3873
No of food handling premises with COA's R918 (excluding dairy farms)	Formal	9687	Informal	3395
No of dairy farms				26
No of dairy farms with COA's (Regulation R1256 of 27 June 1986)				17
No of food samples analyzed	Bac	787	Chem	2232
No of food samples conforming to food standards	Bac	660	Chem	2055

Food poisoning:

No food poisoning outbreaks	0
No deaths due to food poisoning	0

5. PESTICIDE POISONING

No of pesticide poisonings (see definition)	15
No deaths due to pesticide poisonings	1

6. COMPLAINTS

Food related		1092
Pollution	Water	1758
	Soil	2354
	Air	925
	Noise	612
Tobacco related		457
Pest control		8497
Housing		3175
Animals		1554
State premises		342
Vacant land		2438
Total no of complaints		23204

7. COMMENTS

Sanitation: Informal Settlements are serviced by communal toilets of varying technological specifications, primarily at a rate below the minimum level of one latrine facility per household. The City is still addressing the provision of sanitation in informal settlements via a "Servicing of Informal Settlements Project". An incremental approach has been adopted whereby the City strives to move from the provision of an emergency level of service to temporary, rudimentary and eventually full levels of service.

Waste Removal Service: Waste removal services are provided in all informal settlements, albeit that such service is not regarded as being effective in all cases. In many cases skips are provided and these give rise to health hazards. The City is in the process of moving towards the introduction of a door-to-door waste removal service in all informal housing areas.

DEFINITIONS

1. WATER

“Safe water supply” Water conforming to the standards as set out in SABS 241.

Bacteriological: Escherichia coli, total plate count, faecal coliforms.

Chemical: standards for potable water.

“Access to water” Safe water within 200m from dwelling (White paper on water supply/ RDP document).

2. SANITATION

“Safe/effective latrine” Latrine that poses no health risk to the user, functions effectively, causes no pollution of water resources. (According to the White Paper on Sanitation, the minimum level is a VIP latrine per household).

“Safe effluent disposal” As prescribed in the Provincial Guideline on the Permissible Utilisation and Disposal of Treated Sewerage Effluent.

“Safe sewage sludge disposal” As prescribed in the National Guideline on the Permissible Utilisation and Disposal of Sewerage Sludge.

“Waste removal” Minimum of one removal per week.

“Classification of waste site” Landfills are grouped in landfills for general waste for domestic waste and landfills for hazardous waste (Minimum Standards documents, Dept of Water Affairs and Forestry).

3. HOUSING

“Housing Standards” Conforming to the requirements of the National Building Regulations R2378 of 12 October 1990.

4. FOOD

“Certificate of acceptability” Certificates issued in terms of Regulation R918 of 30 July 1999, REGULATIONS GOVERNING GENERAL HYGIENE REQUIREMENTS FOR FOOD PREMISES AND THE TRANSPORT OF FOOD and Regulation R1256 of 27 June 1986, REGULATIONS GOVERNING MILKING SHEDS AND THE TRANSPORT OF MILK.

5. COMMUNITY PROJECT

Any community involvement project, where the Environmental Health section is actively involved.

6. PESTICIDE POISONING

Poisoning from any agricultural or stock remedy registered in terms of the Fertilisers, Farm Feeds, Agricultural Remedies and Stock Remedies Act 1947 (Act 36 of 1947).