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GOVERNMENT NOTICES GOEWERMENTSKENNISGEWINGS

DEPARTMENT OF HEALTH DEPARTEMENT VAN GESONDHEID

No. R. 793

12 June 1998

HEALTH PROFESSIONS ACT, 1974 (ACT No. 56 OF 1974)

LIST OF APPROVED FACILITIES FOR THE PURPOSES OF PERFORMING COMMUNITY SERVICE FOR 1999

The Minister of Health has, in terms of regulation 5.1 of the Regulations relating to Performance of Community Service by Persons Registering, listed the following approved facilities:

PROVINCE	REGION	FACILITY
Eastern Cape	A	Livingstone Port Elizabeth Uitenhage Dora Nginza
	B	Comfimvaba Glen Grey Cala Frontier/Umlamli Complex

PROVINCE	REGION	FACILITY
	C.....	Frere Cecilia Makiwane Nompumelele SS Gida Grey/Bisho Thafalofefe Settlers Victoria Butterworth Mjanyana Nessie Knight St Barnabas
	D.....	Umtata General All Saints Canzibe Isilimela St Lucy Madwaleni Zithulele
	E.....	Bambisana Mary Theresa St Patrick Greenville Mt Ayliff St Elizabeth Taylor Bequest Holy Cross Rietvlei
Free State.....	A and B.....	Pelononi (Regional) — Heidedal Poly Clinic — Bloemside Freedom Community Health Centre — National Community Health Centre — Bloemfontein Clinics Moroka Hospital and Clinics Bothaville Hospital and Clinics Petrusburg Community Health Centre and Clinics Jagersfontein Hospital and Clinics Ladybrand Hospital and Clinics Rouxville Clinic Bethulie and Gariep Clinics Koffiefontein Clinics Wepener Clinics Edenburg Clinics Trompsburg and Springfontein Clinics
	C.....	Goldfields (Regional) — Kopano Community Health Centre — Thabong Community Health Centre Winburg Hospital and Clinics Bultfontein Clinics Wesselsbron Clinics Theunissen Clinics Brandfort Clinics Hertzogville Clinics

PROVINCE	REGION	FACILITY
	D.....	Boitumelo (Regional) — Voortrekker Community Health Centre Sasolburg Hospital — Zamdella Community Health Centre Parys Hospital — Parys Clinic — Vredefort Community Health Centre Petrus Steyn and Tweeling Clinics Ventersburg Community Health Centre
	E.....	Manapo (Regional) — Elizabeth Ross Hospital — Phuthaditjaba Clinics Vrede Hospital and Clinics Harrismith Hospital — Harrismith Clinics — Tsiamé Clinic
	F.....	Bethlehem (Regional) — Phekolong Community Health Centre — Bethlehem Clinics Senekal Hospital and Clinics Paul Roux and Lindley Clinics Marquard Community Health Centre
Northern Cape	Diamondfields.....	Kimberley Hospital Complex — Kimberley Hospital and Clinics — West End — Galeshewe (Day)
	Lower-Orange	Upington Hospital and Clinics
	Kalahari	Kuruman Hospital and Clinics Postmasburg Hospital and Clinics
	Namaqualand	Springbok Hospital and Clinics
	Hantam.....	Calvinia Hospital and Clinics
	Bo-Karoo	De Aar Hospital and Clinics
Gauteng	Central Wits.....	Helen Joseph Coronation CH-Baragwanath/Soweto Clinics Johannesburg
	East Rand.....	Tembisa Heidelberg Tambo Memorial Natalspruit Far East Rand/Pholosong
	West Rand.....	Dr Yusuf Dadoo/Leratong Carletonville
	Vaal.....	Kopanong/Sebokeng
	Pretoria.....	Garankuwa Pretoria Academic Pretoria West Kalafong

PROVINCE	REGION	FACILITY
Mpumalanga	Lowveld	Rob Ferreira/Nelspruit Barberton Sabie Shongwe Themba Tonga Health District
	Highveld	Witbank Delmas Middelburg Leydenburg/Belfast Philadelphia KwaMhlanga Groblersdal Mmametlhake
	Eastern Highveld	Ermelo Evander/Highveldridge Bethal Carolina Embhuleni Standerton Volksrust Piet Retief
KwaZulu-Natal	Port Shepstone	Port Shepstone Murchison St Andrews Usher Memorial Tayler Bequest G. J. Crookes
	Pietermaritzburg	Edendale Northdale Greys Mbalenhle Clinic Appelsbosch Untunjambili Greytown Christ The King St Appolinaris East Street Clinic
	Ladysmith	Ladysmith Emmaus Oliviershoek Clinic Estcourt
	Ulundi	Benedictine Ceza Itshelejuba Nkonjeni Vryheid
	Jozini	Bethesda Manguzi Mosvold Mseleni

PROVINCE	REGION	FACILITY
	Durban.....	Prince Mshiyeni KwaMashu Poly Clinic Kwadabeka Clinic Phoenix Clinic Mahatma Gandhi Umpumulo Stanger Osindisweni Hillcrest King Edward VIII Addington R. K. Khan Clairwood Tonga Community Health Centre Montebello
	New Castle.....	CJM Hospital Church of Scotland Dundee Madadeni Newcastle
	Empangeni	Mbongolwane Nkandla Catherine Booth Hlabisa Ngwelezana Lower Umfolozi Eshowe
Northern Province.....	Bushveld.....	Ellisras Warmbaths F. H. Odendaal Witpoort
	Western	Mokopane George Masebe
	Central	Pietersburg/Mankweng W. F. Knobel Helen Franz Botlokwa
	Northern	Elim Malamulele Siloam Tshilidzini Donald Fraser Messina
	Lowveld	Dr C. N. Phatudi Kgapanne M. L. Malatji Nkesani Van Velden Sekororo Letaba
	Bushbuckridge.....	Mapulaneng Matikwana Tintswalo
	Southern.....	Jane Furse St Ritas Matlala H. C. Boshoff Mecklenberg Groothoek

PROVINCE	REGION	FACILITY
North West	Mafikeng	Mafikeng Thusong Gelukspan Lehurutshe/Zeerust
	Klerksdorp	Potchefstroom/Ventersdorp Klerksdorp/Tshepong Nic Bodenstein
	Vryburg	Taung Vryburg Ganyesa Schweizer-Reneke Tshwarangano
	Rustenburg	Rustenburg George Stegman Moreletsi
	Odi	Jubilee Odi Brits
South African Medical Health Service (SAMHS)		1 Military — Pietersburg Sickbay (SB) — Louis Trichardt SB — Hoedspruit SB — Camden SB — Institution for Aviation Medicine SB — Middelburg SB — Nelspruit SB 2 Military — Port Elizabeth SB — Institution for Maritime Medicine 3 Military — Kimberly SB — Molopo SB — Potchefstroom MBC — Durban MBH — Josini SB
Western Cape	Metro	Groote Schuur Red Cross Tygerberg Somerset Conradie GF Jooste Victoria Karl Bremer Hottentots Holland Valkensburg Stikland Falsebay Metro CHSO CHCs and Clinics
	West Coast	Paarl Stellenbosch Swartland Vredenburg

PROVINCE	REGION	FACILITY
	Boland	Eben Doriges George Mosselbay Oudtshoorn Knysna Brewelskloof Ceres

Repeal

Government Notice No. R. 687 of 15 May 1998 is hereby repealed.

N. C. D. ZUMA

Minister of Health

No. R. 797

12 June 1998

REGULATIONS UNDER THE HEALTH ACT, 1977 (ACT NO. 63 OF 1977)

The Minister of Health intends, in terms of section 37, read with section 40 (1) of the Health Act, 1977 (Act No. 63 of 1977), and after consultation with the Minister of Water Affairs and Forestry, to make the regulations in the Schedule.

Interested persons are invited to submit any substantiated comments on the proposed regulations or representations they wish to make in regard thereto to the Director-General of the Department of Health, Private Bag X828, Pretoria, 0001 (for the attention of the Director of Oral Health), within three months after the date of publication of this notice.

SCHEDULE

REGULATIONS ON FLUORIDATING PUBLIC WATER SUPPLIES

DEFINITIONS

1. In these Regulations "the Act" means the Health Act, 1977 (Act No. 63 of 1977), and any expression to which a meaning has been assigned in the Act shall have such meaning and, unless the context otherwise indicates—

"fluoridation" means to adjust the fluoride concentration of a public water supply by the addition of fluoride compounds, which meet the quality standards of the Department of Health in terms of regulation 14 of these regulations, to obtain an optimal fluoride concentration for maximum health benefits;

"fluoride compound" means sodium fluoride (NaF), sodium fluorosilicate (Na_2SiF_6) (also known as sodium silicofluoride), fluorosilicic acid (H_2SiF_6) or any other acceptable fluoride compound used to fluoridate a public water supply;

"authorised officer" means an officer of the Department of Health or a provincial government or any other person generally or specifically authorized by the Minister;

"optimum fluoride content" means a fluoride concentration of not more than 0,7 milligrams fluoride per litre in a public water supply;

"water fluoridation plant" means the equipment needed and procedures applied in a public water system to add a fluoride compound to the water supply;

"water fluoridation scheme" means the delivery of water containing optimum levels of fluoride to the end user, supplied by a water fluoridation plant through a public water distribution system;

"water provider" means any drinking water treatment authority, body or organisation supplying drinking water to a population greater than one hundred thousand people from its treatment facility/facilities;

"public water supply" means the supply of water intended for human use or food processing through pipes to a city, town or a community.

GENERAL

2. A water provider shall practise fluoridation, unless the Director-General exempts a water provider from doing so.

REGISTRATION AND EXEMPTION OR TERMINATION

3. (1) Before a water provider implements fluoridation of a public water supply, such water provider shall, within 12 months of the promulgation of these regulations, submit its application for registration in duplicate in the format provided for in Annex A, to the Director-General for his/her approval.

(2) A water provider shall apply to the Director-General for exemption or for termination if exemption or termination is necessary according to regulation 6.

(3) A new water provider shall within 12 months of becoming a water provider register with the Director-General as a water provider.

PUBLIC INFORMATION

4. (1) A water provider shall inform all the local authorities to whom drinking water is applied, that the public water supply will be fluoridated.

(2) The local authorities referred to in subregulation (1) shall inform the public concerned by means of a notice in two or more regional newspapers generally read by the public regarding the intended fluoridation of their public water supply.

(3) The notice referred to in subregulation (2) shall determine that interested persons are invited to submit any substantiated comments on the intended fluoridation of their public water supply or representations they wish to make in regard thereto to the local authority within 30 days of the date of publication of such a notice.

(4) In addition to the publication of a notice referred to in subregulation (2), such local authority shall also broadcast the content of such notice on the radio.

(5) A local authority shall attach the comments received from the public concerned to the application for registration referred to in regulation 3.

CONSIDERATIONS BY THE DIRECTOR-GENERAL REGARDING THE APPLICATION FOR REGISTRATION BY A WATER PROVIDER

5. (1) In considering an application for registration referred to in regulation 3, the following factors must be taken into account by the Director-General:

- (a) Dental caries levels in the supply area of the water provider;
- (b) population size in the supply area of the water provider;
- (c) the estimated *per capita* costs of fluoridation in the supply area of the water provider;
- (d) the feasibility of using alternative fluoride supplements; and
- (e) the information as required in Annex A.

(2) The Director-General shall consult with the Director-General of Water Affairs and Forestry regarding the influence of the proposed fluoridation on the water quality of the water sources in the affected area and in this regard the Director-General of Water Affairs and Forestry requires that—

- (a) a water provider conduct an assessment of the impact of fluoridation on all catchments receiving effluent return flows originating from fluoridated water supplies; and
- (b) such an assessment shall in all cases be completed by the water provider to the satisfaction of the Director-General of Water Affairs and Forestry.

(3) After the Director-General has considered an application for registration referred to in regulation 3 as well as the decision made by the Director-General of Water Affairs and Forestry regarding the influence of the proposed fluoridation on the water quality of the water resources in the affected area, the Director-General shall inform such a water provider in writing whether its application for registration to fluoridate a public water supply has been approved or not.

(4) A water provider who has been informed that its application for registration to fluoridate a public water supply has been approved, shall complete the form as set out in Annex C and submit it to the Director-General.

(5) After a water provider's application for registration has been approved, such a water provider shall implement fluoridation within a minimum period of two years, or within an extended period as determined by the Director-General upon a written request by such a water provider.

(6) If a water provider's application for registration is not approved, the Director-General shall state the reasons in writing to such a water provider.

(7) The Director-General may at any time before or after the commissioning of a water fluoridation plant, request a water provider to submit any other additional information on the water fluoridation scheme to him/her.

(8) If a water provider makes any changes, except with regard to the optimum fluoride concentration, after the implementation of fluoridation which differ in any of the items specified as technical information in Annex C, such a water provider shall inform the Director-General in writing regarding such changes and the reasons therefore.

(9) The Director-General will determine the optimum levels of fluoride in the water supplied by a water provider.

(10) If a water provider wants to amend the optimum fluoride concentration referred to subregulation (9) as approved by the Director-General, such a water provider shall apply in writing to the Director-General for approval to amend the optimum fluoride concentration stating the reasons for such an amendment.

(11) The Director-General may authorize an officer from the Department of Health or a provincial government or any other person authorized by him/her to carry out any prescribed inspection of a water fluoridation plant at any reasonable time, and may request any specified report on the functioning of the water fluoridation scheme to be submitted to him or her.

EXEMPTION OF A WATER PROVIDER FROM THE IMPLEMENTATION OF FLUORIDATION OR FOR THE TERMINATION OF FLUORIDATION

6. (1) If a water provider wants to be exempted from the implementation of fluoridation or wants to terminate the fluoridation of a public water supply, such a water provider shall submit its application for such exemption or termination in duplicate to the Director-General in the format provided for in Annex B.

(2) The Director-General shall use the criteria and guidelines as stipulated in Annex D to determine whether an application referred to in subregulation (1) should be approved or not.

(3) If the Director-General is of the opinion that such an exemption or termination is necessary, the Director-General shall approve such an exemption or termination.

(4) The Director-General may, without an application referred to in subregulation (1), withdraw his/her approval referred to in subregulation (3) for a specific period if he/she is of the opinion that such an exemption or termination is unnecessary.

(5) The Director-General shall approve such an exemption or termination on consultation with and following the recommendation of the Director-General of Water Affairs and Forestry, if the latter is of the opinion that the water provider concerned should be exempted from the implementation of fluoridation or be permitted to terminate the fluoridation of a public water supply due to unacceptable impacts on receiving waters.

(6) The Director-General shall inform the water provider concerned in writing whether its application referred to in subregulation (1) has been approved or not as well as the reasons in the case of disapproval.

APPEALS

7. (1) A local authority, water provider, any other authority, public organisation or body may appeal in writing to the Minister against any decision made by the Director General in terms of any provision of these regulations.

(2) An appeal in terms of subregulation (1) shall be lodged within 60 days of the decision appealed against having come to the knowledge of the local authority, water provider, any other authority, public organisation or body, as the case may be, and shall clearly state—

- (a) against which decision such appeal is lodged; and
- (b) the grounds on which such appeal is lodged.

(3) Any appeal in terms of these regulations shall be lodged with the Director General, who shall submit it to the Minister with his/her reason(s) for the decision against which the appeal is being lodged.

(4) The Minister may confirm, amend or revoke a decision taken by the Director General in terms of the provisions of these regulations and inform the local authority, water provider, any other authority, public organisation or body, as the case may be, in writing of his/her decision.

OPERATIONAL CRITERIA FOR FLUORIDATION

8. (1) The water fluoridation plant shall—

- (a) be of such a design and must be capable of ensuring the fluoride concentration indicated under point 3 of Annex C; and
- (b) incorporate fail-safe and alarm arrangements to prevent the overdosing of a public water supply with fluoride resulting in more than 0,5 milligrams fluoride per litre above the optimum fluoride level indicated under point 3 of Annex C as a result of a breakdown or malfunction of any part of the water fluoridation plant equipment or a change in the flow rate of the fluoridated water.

(2) Every necessary step must be taken to ensure that water is fluoridated for at least 90 per cent of the time.

(3) Only a fluoride compound approved by the Director General in terms of regulation 14 of these regulations shall be used to fluoridate a public water supply.

(4) Fluoride compounds must adhere to the quality specifications of the Department of Health as described in the technical manual on water fluoridation for water plant operators, published by the Department of Health.

(5) The fluoride compounds referred to in subregulation (3) must be stored in a secure place by a water provider so that—

- (a) any unforeseen or accidental spillage of such fluoride compound shall not contaminate the environment or cause injury; and
- (b) no unauthorised person can tamper with such fluoride compounds.

(6) A water provider must ensure that the fluoride concentration in the fluoridated water, measured at a point soon after the addition of fluoride compounds referred to in subregulation (3) and mixing thereof with the water, be maintained within 0,2 milligram fluoride per litre of the optimum fluoride concentration indicated under point 3 of Annex C.

(7) The fluoride concentration referred to in subregulation (6) must be maintained for at least 90 per cent of the time.

(8) The average monthly fluoride concentration of the fluoridated water, calculated for the periods when the water fluoridation plant is in operation, must not deviate more than 0,1 milligrams fluoride per litre from the optimum fluoride concentration indicated under point 3 of Annex C.

(9) If a water fluoridation plant is shut-off for a period of two months or more, for whatever reasons, the water provider concerned shall inform the relevant local authorities who shall inform the public concerned by means of a notice in two or more local newspapers and on the radio.

MONITORING OF THE FLUORIDE CONCENTRATION

9. (1) The fluoride concentration of the fluoridated water leaving the water fluoridation plant shall be monitored by—
- a continuous recording fluoride monitor which is calibrated once every 24 hours; or
 - the sampling of such fluoridated water every four hours using the analytical procedures laid down by the Department of Health.
- (2) The fluoride monitor referred to in subregulation (1) (a) must be linked to an alarm system and automatic water fluoridation plant shut-down for when the fluoride concentration exceeds 1,5 milligram fluoride per litre for a period of more than five minutes.
- (3) In the case of sampling referred to in subregulation (1) (b), the water fluoridation plant must be staffed 24 hours per day to ensure proper functioning.
- (4) A minimum of one sampling per week must be taken randomly on a varying basis from a number of places in the distribution system.
- (5) The number of samplings referred to in subregulation (4) will depend on the structure of that distribution system.

RECORD KEEPING AND REPORTING

10. (1) The water provider shall record the following particulars daily for the first month after commissioning a water fluoridation plant, and thereafter daily or any other period not exceeding seven days:
- The volume of water fluoridated after the last recording;
 - the amount of fluoride used in the water referred to in paragraph (a);
 - the calculated theoretical average fluoride concentration of fluoridated water leaving the plant after the last recording;
 - the calculated theoretical average of the fluoride concentration, based on historical information or on actual measurement, in the unfluoridated water which entered the water fluoridation plant after the last recording;
 - the average monthly fluoride concentration in the fluoridated water leaving the water fluoridation plant, as recorded by the fluoride monitor referred to in regulation 9 (1) (a) as well as the highest and lowest fluoride concentration in such fluoridated water during that month;
 - the average monthly fluoride concentration in the samples referred to in regulation 9 (1) (b) as well as the highest and lowest fluoride concentration in such samples during that month.
 - remarks on any events such as breakdowns, equipment failure, repairs, maintenance or any other activity that may have an effect on the fluoride concentration referred to in paragraphs (c), (d), (e) and (f) and if steps were taken to prevent the recurrence of such events or activities.
- (2) The amount of fluoride referred to in subregulation (1) (b) is determined by the subtraction of the amount of fluoride in stock at the end of the present period from the sum of the amount of fluoride received on site after the last recording and the amount of fluoride in stock at the beginning of the present period.
- (3) The average fluoride concentration referred to in subregulation (1) (c) is determined by the following factors:
- The volume of the water referred to subregulation (1) (a);
 - the amount of fluoride added to such water; and
 - the fluoride content of the unfluoridated water referred to in subregulation (1) (d).
- (4) A monthly summary of the records referred to in subregulation (1) shall be submitted by a water provider to the health department of such local authority and to other health authorities concerned, together with a report on any non-compliance with subregulation (1), (5) or (6) of this regulation and the steps taken to prevent recurrence of such non-compliance.
- (5) Audited results of the records referred to in subregulation (1) and the report referred to in subregulation (4) shall be submitted by the water provider, via the local and provincial health authority, to the national Department of Health on a quarterly basis.
- (6) Any incident of an overdose between 1,5 mg and 10 mg fluoride per litre for less than 24 hours shall be recorded and immediately reported to the health department of the local authority in question and to any other health authority concerned.
- (7) In the event of accidental over fluoridation (greater than 10 mg/l) for any length of time, or a major spill, the water provider shall inform the provincial health authority, the Director-General, the Director-General of Water Affairs and Forestry, as well as users of water, immediately.
- (8) The records and reports referred to in subregulations (4), (5) and (6) shall be open for public inspection.
- (9) A summary of the records and reports referred to in subregulations (4), (5) and (6) shall be submitted by the water provider to the local authorities concerned who will in turn submit it to—
- the MEC for Health of the responsible Provincial Government every three months;
 - to the Director-General of the national Department of Health, annually; and
 - the Director-General of the Department of Water Affairs and Forestry, annually.

INSPECTIONS

11. (1) An authorised officer may at any time, and as often as he/she may deem necessary, inspect a water fluoridation plant.
- (2) The owner or occupier or the person in charge or apparently in charge of, or any employee on or in a water fluoridation plant, shall render to the authorised officer in terms of these regulations all information the authorised officer may require with regard to the organisation and management of a water fluoridation plant and the process of fluoridation.

(3) No person shall in any way obstruct an authorised officer carrying out his/her inspections or refuse to furnish to the best of his/her knowledge any information requested by such an authorised officer.

THE OPERATION, MAINTENANCE AND EMPLOYEES OF A WATER FLUORIDATION PLANT

12. (1) A water provider must establish a comprehensive operational programme, safety measures and emergency procedures regarding—

- (a) the operation of the water fluoridation plant;
- (b) the inspection, servicing and maintenance of the equipment of the water fluoridation plant;
- (c) the monitoring of the fluoride concentration referred to in regulation 9; and
- (d) the storage and handling of fluoride compounds at the water fluoridation plant,

in order to bring about consistent, effective and safe performance of the water fluoridation plant.

(2) The operational programme, safety measures and emergency procedures referred to in subregulation (1) must be made available in written format to the managers, supervisors, operators, maintenance staff and other employees working at the water fluoridation plant according to their duties, responsibilities and tasks.

(3) A water provider must ensure that the people referred to in subregulation (2) are adequately trained in all aspects of their duties, responsibilities and tasks.

(4) The operator of a water fluoridation plant shall have a classification of at least a Class III, in accordance with the classification system for water care plant operators of the Department of Water Affairs and Forestry.

HEALTH AND SAFETY

13. (1) All activities related to a water fluoridation plant must be in compliance with the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993).

FLUORIDE COMPOUNDS

14. (1) The following compounds are approved for use:

- (a) Sodium fluoride;
- (b) fluorosilicic acid;
- (c) sodium fluorosilicate.

(2) Potential importers or manufacturers shall apply to the Director General for registration of other additional compounds than those mentioned in subregulation (1) before the fluoridation of a public water supply.

(3) A water provider shall ensure that the compounds used, meet the quality standards of the Department of Health as described in the technical manual on water fluoridation for water plant operators, published by the Department of Health.

(4) Documentary evidence of the quality of the fluoride compound to be used shall be submitted to the Department of Health by the water provider concerned.

ANNEX A

APPLICATION BY A WATER PROVIDER FOR REGISTRATION TO FLUORIDATE A PUBLIC WATER SUPPLY

Only applicable to, as per definition: "water provider".

1. Name and address of water provider:

Name of responsible person:	Telephone No.:
	Cellular No.:
	Fax No.:
Position/rank:	
Name of responsible person from the appropriate health authority:	Telephone No.:
	Cellular No.:
	Fax No.:
Position/rank:	

2. Volume of water supplied per month:

3. List separately the names of local authorities supplied with drinking water by the water provider and the number of people in the supply area(s).

4. The following information could also be provided separately if more space is required:

(a) Source(s) of raw water [i.e. point(s) of abstraction]

- * River catchment(s)
- * River(s)/Dam(s)/Other
- * Location(s) of drinking water treatment facility/facilities

(b) Point(s) of discharge of effluent(s) originating from the proposed fluoridated water supply/supplies in the supply area covered by the water provider

- * River catchment(s)
- * River(s)/Dam(s)/Other
- * Location(s) of effluent treatment facility/facilities

5. Attach comments received from the public [regulation 4 (5)]

6. Attach information on the assessment of the impact of fluoridation on all catchment areas receiving effluent return flows [regulation 5 (2) (a) and (b)]

7. Provide information on the agreement reached between the water provider and the local authority with respect to:

- (a) The terms of the agreement between the water provider and the local authority;
- (b) the respective responsibilities for ongoing monitoring and reporting on fluoride levels in the water supply; and
- (c) action to be taken in the event of overfluoridation [regulation 10 (7)]

Signature:

Name:

Position/Rank:

On behalf of:

Date:

For office use only:

Approved/Not approved

.....
Director-General
Department of Health

Date:

ANNEX B**APPLICATION BY A WATER PROVIDER TO BE EXEMPTED FROM THE IMPLEMENTATION OF FLUORIDATION OR TO
TERMINATE THE FLUORIDATION OF A PUBLIC WATER SUPPLY****1. Name and address of water provider:**

Name of responsible person:

Telephone No.:

Cellular No.:

Fax No.:

Position/Rank:

Name of responsible person from the appropriate health authority:

Telephone No.:

Cellular No.:

Fax No.:

Position/Rank:

2. Place where water fluoridation plant is installed: (For termination only)**3. Reason(s) for requesting exemption from the implementation of fluoridation or for the termination of fluoridation of a public water supply:**

Signature:

Name:

Position/Rank:

On behalf of:

Date:

For office use only:

Approved/Not approved

.....
Director-General

Department of Health

Date:

ANNEX C**TECHNICAL INFORMATION PROVIDED BY THE WATER PROVIDER**

Technical information to be submitted by the water provider to the Director-General in response to the decision of the Director-General to fluoridate a public water supply

1. Name and address of water provider:

Name of responsible person:

Telephone No.:

Cellular No.:

Fax No.:

Position/Rank:

Name of responsible person from the appropriate health authority:

Telephone No.:

Cellular No.:

Fax No.:

Position/Rank:

2. Place where water fluoridation plant is installed:**3. (a) Amount of water to be fluoridated per month:**

(b) Fluoride compound to be used:

(c) Mean annual fluoride concentration of present water supply:

mg F/l

(d) Proposed optimum fluoride concentration (not more than 0,7 mg F/l):

mg F/l

4. Name and description of areas to be supplied with fluoridated water:**5. Explanatory documentation attached:**

(a) Steps taken to inform the public

(b) Types and names of fluoridation monitoring equipment and description of fluoride monitoring, fail-safe and alarm systems

(c) Fluoridation plant inspection, servicing and maintenance programme, and emergency procedures

(d) Employee training programme and duty sheets

(e) Agreement between local authority and water provider, if applicable

Signature:

Name:

Position/Rank:

On behalf of:

Date:

For office use only:

Approved/Not approved

Director-General

Department of Health

Date:

ANNEX D**CRITERIA AND GUIDELINES FOR THE EXEMPTION OF A WATER PROVIDER FROM THE IMPLEMENTATION OF FLUORIDATION OR FOR THE TERMINATION OF FLUORIDATION****Introduction**

On a submission and under specific circumstances the Director-General may allow the exemption of a water provider from the implementation of fluoridation or for the termination of fluoridation of a public water supply. This document defines the nature of the circumstances under which such an exemption or termination should be granted. It focuses on the criteria that should be used in determining the outcome of an application for exemption or termination. Such an application by the water provider shall be submitted in the format provided for in Annex B.

Criteria

The following three elements are necessary for successful fluoridation:

- (a) The water;
- (b) the community; and
- (c) specific resources.

Difficulties with any one of these elements could make the implementation of a fluoridation programme impossible for a period of time. Using these three elements, the Director-General should specify for which period exemption from the implementation of fluoridation is granted.

These elements are examined separately to determine the criteria that would make it either impossible or unnecessary for fluoridation which would then mean that alternative methods of fluoride supplementation should be considered.

- (a) The water: If the raw water available to a supplier already contains the optimum amount of fluoride as defined in the regulations, or more, then fluoridation is unnecessary and should not be undertaken.

If the raw water available to a supplier is only intermittently available, then reliable fluoridation could be problematic and should not be undertaken.

If the required assessment of the impact of fluoridation, carried out to the satisfaction of the Director-General of Water Affairs and Forestry, demonstrates that fluoridation of a public water supply will have unacceptable impacts on those water resources (water environment and associated water users) which receive effluent or diffuse discharges originating from the fluoridated supplies, exemption or termination will be approved.

- (b) The community: A community may have limited experience of dental decay and therefore, so long as this remains the case, there is no need for fluoridation.

- (c) Specific resources: Personnel: Properly trained personnel are vital to the success of fluoridation. Until such personnel are appointed, temporary exemption from the implementation of fluoridation should be granted.

Specific resources: Equipment: Fluoridation requires accurate and well maintained equipment. Until such equipment is available, temporary exemption from the implementation of fluoridation should be granted.

Specific resources: Chemicals: Specific chemicals in appropriate quantities are needed on a continuing basis for successful fluoridation. Until such chemicals are available, temporary exemption from the implementation of fluoridation should be granted.

Specific resources: Finance: The water provider should finance the water fluoridation plant, while the users of drinking water shall foot the bill for operating the water fluoridation plant. Until such finances are available, temporary exemption from the implementation of fluoridation should be granted.

No. R. 797

12 Junie 1998

REGULASIES KRAGTENS DIE WET OP GESONDHEID, 1977 (WET NO. 63 VAN 1977)

Die Minister van Gesondheid is voornemens om kragtens artikel 37, saamgelees met artikel 40 (1) van die Wet op Gesondheid, 1977 (Wet No. 63 van 1977), na oorleg met die Minister van Waterwese en Bosbou, die regulasies in die Bylae uit te vaardig.

Belanghebbers word versoek om binne drie maande na die datum van publikasie van hierdie kennisgewing gemotiveerde kommentaar op die voorgestelde regulasies of vertoë wat hulle in verband daarmee wil rig, aan die Direkteur-generaal van Gesondheid, Privaatsak X828, Pretoria, 0001 (vir aandag van die Direkteur van Mondgesondheid), voor te lê.

BYLAE**REGULASIES BETREFFENDE DIE FLUORIDERING VAN OPENBARE WATERVOORRADE****WOORDOMSKRYWINGS**

1. In hierdie regulasies beteken "die Wet" die Wet op Gesondheid, 1977 (Wet No. 63 van 1977), en het 'n uitdrukking waaraan 'n betekenis in die Wet geheg is, daardie betekenis en, tensy uit die samehang anders blyk, beteken—

"fluoridering" die aanpassing van die fluoriedkonsentrasie van 'n openbare watervoorraad deur die byvoeging van fluoriedverbindinge wat aan die gehaltestandaarde van die Departement van Gesondheid ingevolge regulasie 14 van hierdie regulasies voldoen, ten einde 'n optimale fluoriedkonsentrasie vir maksimale gesondheidsvoordele te bekom;

"fluoriedverbinding" natriumfluoried (NaF), natriumfluorosilikaat (Na_2SiF_6) (ook bekend as natrium silikofluoried), fluoorkieselsuur (H_2SiF_6) of enige ander aanvaarbare fluoriedverbinding wat gebruik word om 'n openbare watervoorraad te fluorideer;

"gemagtigde beampte" 'n beampte van die Departement van Gesondheid of 'n provinsiale regering of enige ander persoon wat in die algemeen of in die besonder deur die Minister gemagtig is;

"openbare watervoorraad" die voorraad water deur pype na 'n stad, dorp of 'n gemeenskap wat bestem is vir menslike gebruik of voedselverwerking;

"optimale fluoriedinhoud" 'n fluoriedkonsentrasie van hoogstens 0,7 milligram fluoried per liter in 'n openbare watervoorraad;

"waterfluorideringsaanleg" die toerusting benodig en prosedures toegepas in 'n openbare waterstelsel om 'n fluoriedverbinding by die watervoorraad te voeg;

"waterfluorideringskema" die lewering van water wat optimale vlakke fluoried bevat aan die eindgebruiker wat deur 'n waterfluorideringsaanleg deur middel van 'n openbare waterverspreidingskanaal voorsien word.

"watervoorsiener" enige drinkwaterbehandelingsowerheid, -liggaam of -organisasie wat drinkwater vanaf sy behandelingsfasiliteit of -fasiliteite aan 'n bevolking van meer as honderdduisend mense voorsien.

ALGEMEEN

2. 'n Watervoorsiener moet fluoridering uitvoer tensy die Direkteur-generaal sodanige watervoorsiener daarvan vrystel.

REGISTRASIE EN VRYSTELLING OF BEEÏNDIGING

3. (1) Alvorens 'n watervoorsiener die fluoridering van 'n openbare watervoorraad in werking stel, moet sodanige watervoorsiener, binne 12 maande na die uitvaardiging van hierdie regulasies, sy aansoek om registrasie in duplikaat, in die formaat uiteengesit in Aangangsel A, aan die Direkteur-generaal vir sy/haar goedkeuring voorlê.

(2) 'n Watervoorsiener moet by die Direkteur-generaal aansoek doen vir vrystelling of beeïndiging indien vrystelling of beeïndiging, volgens regulasie 6, nodig is.

(3) 'n Nuwe watervoorsiener moet binne 12 maande na hy 'n watervoorsiener geword het, registreer by die Direkteur-generaal as 'n watervoorsiener.

OPENBARE INLIGTING

4. (1) 'n Watervoorsiener moet al die plaaslike owerhede aan wie drinkwater voorsien word, in kennis stel dat die openbare water gefluorideer gaan word.

(2) Die plaaslike owerhede bedoel in subregulasie (1) moet die betrokke publiek by wyse van 'n kennisgewing in twee of meer streekkoerante wat algemeen deur die publiek gelees word, in kennis stel betreffende die voorgenome fluoridering van hulle openbare watervoorraad.

(3) Die kennisgewing bedoel in subregulasie (2) moet bepaal dat belanghebbende persone versoek word om binne 30 dae na die datum van die publikasie van sodanige kennisgewing gemotiveerde kommentaar oor die voorgenome fluoridering van hulle openbare watervoorraad of vertoë wat hulle in verband daarmee wil rig aan die plaaslike owerheid voor te lê.

(4) Benewens die publikasie van 'n kennisgewing bedoel in subregulasie (2), moet sodanige plaaslike owerheid ook ander wyses van kommunikasie gebruik, soos die radio.

(5) 'n Plaaslike owerheid moet die kommentaar wat vanaf die betrokke publiek ontvang is aanheg aan die aansoek om registrasie bedoel in regulasie 3.

OORWEGING DEUR DIE DIREKTEUR-GENERAAL VAN DIE AANSOEK OM REGISTRASIE DEUR 'N WATERVOORSIENER

5. (1) By die oorweging van 'n aansoek om registrasie bedoel in regulasie 3, moet die Direkteur-generaal die volgende faktore in ag neem:

- (a) Voorkomsvlak van tandkaries in die voorsieningsgebied van die watervoorsiener;
- (b) bevolkingsgrootte in die voorsieningsgebied van die watervoorsiener;
- (c) die beraamde *per capita*-uitgawe van fluoridering in die voorsieningsgebied van die watervoorsiener;
- (d) die uitvoerbaarheid daarom om alternatiewe fluoriedaanvullings te gebruik; en
- (e) die inligting soos vereis in Aanhangel A.

(2) Die Direkteur-generaal moet met die Direkteur-generaal van Waterwese en Bosbou oorleg pleeg aangaande die uitwerking van die voorgestelde fluoridering op die watergehalte van die waterbronne in die geaffekteerde gebied en in hierdie verband vereis die Direkteur-generaal van Waterwese en Bosbou dat—

- (a) 'n watervoorsiener 'n evaluering uitvoer van die uitwerking van fluoridering op alle opvanggebiede wat uitvloeiende terugkerende strominge ontvang wat ontstaan uit gefluorideerde watervoorraad; en
- (b) sodanige evaluering in alle gevalle deur die watervoorsiener tot bevrediging van die Direkteur-generaal van Waterwese en Bosbou afgehandel moet word.

(3) Nadat die Direkteur-generaal 'n aansoek om registrasie bedoel in regulasie 3 asook die besluit geneem deur die Direkteur-generaal van Waterwese en Bosbou betreffende die uitwerking van die voorgestelde fluoridering op die watergehalte van die waterbronne in die geaffekteerde gebied oorweeg het, moet die Direkteur-generaal sodanige watervoorsiener skriftelik in kennis stel of sy aansoek om registrasie om 'n openbare watervoorraad te fluorideer goedgekeur is of nie.

(4) 'n Watervoorsiener wat in kennis gestel is dat sy aansoek om registrasie om 'n openbare watervoorraad te fluorideer, goedgekeur is, moet die vorm soos uiteengesit in Aanhangel C voltooi en dit aan die Direkteur-generaal voorlê.

(5) Nadat 'n watervoorsiener se aansoek om registrasie goedgekeur is, moet sodanige watervoorsiener fluoridering binne 'n tydperk van hoogstens twee jaar, of binne sodanige verlengde tydperk soos bepaal deur die Direkteur-generaal op 'n skriftelike versoek deur sodanige watervoorsiener, in werking stel.

(6) Indien 'n watervoorsiener se aansoek om registrasie nie goedgekeur word nie, moet die Direkteur-generaal die redes daarvoor skriftelik aan sodanige watervoorsiener verstrek.

(7) Die Direkteur-generaal kan 'n watervoorsiener te eniger tyd voor of na die inbedryfstelling van 'n waterfluorideringsaanleg versoek om enige ander bykomende inligting oor die waterfluorideringskema aan hom of haar voor te lê.

(8) Indien 'n watervoorsiener na die inwerkingstelling van die fluoridering enige veranderinge aanbring, uitgesonderd veranderinge betreffende die optimale fluoriedkonsentrasie, wat verskil in enige van die items wat in Aanhangel C as tegniese inligting gespesifiseer is, moet sodanige watervoorsiener die Direkteur-generaal skriftelik betreffende sodanige veranderinge en die redes daarvoor in kennis stel.

(9) Die Direkteur-generaal bepaal die optimale fluoriedvlakke in die water wat deur 'n watervoorsiener voorsien word.

(10) Indien 'n watervoorsiener die optimale fluoriedkonsentrasie bedoel in subregulasie (9), soos goedgekeur deur die Direkteur-generaal, wil verander, moet sodanige watervoorsiener skriftelik by die Direkteur-generaal aansoek doen om goedkeuring om die optimale fluoriedkonsentrasie te verander en moet hy die redes vir sodanige verandering vermeld.

(11) Die Direkteur-generaal kan 'n beampte van die Departement van Gesondheid of 'n provinsiale regering of enige ander persoon magtig om 'n voorgeskrewe inspeksie van 'n waterfluorideringsaanleg te eniger tyd uit te voer en kan versoek dat 'n gespesifiseerde verslag oor die funksionering van die waterfluorideringskema aan hom of haar voorgelê word.

VRYSTELLING VAN 'N WATERVOORSIENER VAN DIE INWERKINGSTELLING VAN FLUORIDERING OF VIR DIE BEÏNDIGING VAN FLUORIDERING

6. (1) Indien 'n watervoorsiener van die inwerkingstelling van fluoridering vrygestel wil word, of die fluoridering van 'n openbare watervoorraad wil beëindig, met sodanige watervoorsiener sy aansoek om sodanige vrystelling of beëindiging in duplikaat aan die Direkteur-generaal voorlê in die formaat soos uiteengesit in Aanhangel B.

(2) Die Direkteur-generaal moet die kriteria en riglyne gebruik soos aangedui in Aanhangel D ten einde te bepaal of 'n aansoek bedoel in subregulasie (1) goedgekeur behoort te word of nie.

(3) Indien die Direkteur-generaal van mening is dat sodanige vrystelling of beëindiging nodig is, moet die Direkteur-generaal sodanige vrystelling of beëindiging goedkeur.

(4) Die Direkteur-generaal kan, sonder 'n aansoek bedoel in subregulasie (1), sy of haar goedkeuring bedoel in subregulasie (3) vir 'n spesifieke tydperk terugtrek indien hy of sy van mening is dat sodanige vrystelling of beëindiging onnodig is.

(5) Die Direkteur-generaal moet 'n aansoek om vrystelling of beëindiging na oorlegpleging met en na aanleiding van die aanbeveling van die Direkteur-generaal van Waterwese en Bosbou goedkeur indien laasgenoemde van mening is dat die betrokke watervoorsiener van die inwerkingstelling van fluoridering vrygestel behoort te word of toegelaat behoort te word om die fluoridering van 'n openbare watervoorraad te beëindig as gevolg van onaanvaarbare uitwerkings op water wat ontvang word.

(6) Die Direkteur-generaal moet die betrokke watervoorsiener skriftelik in kennis stel of sy aansoek bedoel in subregulasie (1) goedgekeur is of nie asook die redes in die geval van afkeuring.

APPÉLLE

7. (1) 'n Plaaslike owerheid, watervoorsiener, enige ander owerheid, openbare organisasie of liggaam kan skriftelik na die Minister appelleer teen enige beslissing wat deur die Direkteur-generaal gemaak is kragtens enige bepaling van hierdie regulasies.

(2) 'n Appél ingevolge subregulasie (1) moet aangeteken word binne 60 dae na die beslissing waarteen geappelleer word tot die kennis van die plaaslike owerheid, watervoorsiener, enige ander owerheid, openbare organisasie of liggaam, na gelang van die geval, gekom het, en moet duidelik uiteensit—

(a) teen watter beslissing appél aangeteken word; en

(b) op watter gronde sodanig appél aangeteken word.

(3) 'n Appél ingevolge hierdie regulasies moet by die Direkteur-generaal aangeteken word, wat dit aan die Minister moet voorlê met sy of haar rede(s) vir die beslissing waarteen die appél aangeteken word.

(4) Die Minister kan 'n beslissing wat deur die Direkteur-generaal ingevolge hierdie regulasies geneem is, bekragtig, wysig of terugtrek en moet die plaaslike owerheid, watervoorsiener, enige ander owerheid, openbare organisasie of liggaam, na gelang van die geval, skriftelik van sy of haar beslissing in kennis stel.

BEDRYFSKRITERIA VIR FLUORIDERING

8. (1) 'n Waterfluorideringsaanleg moet—

(a) van sodanige ontwerp wees en moet in staat wees om die fluoriedkonsentrasie aangedui onder punt 3 van Aanhangel C vermeld, te verseker; en

(b) faalveilige en alarmreëlings inkorporeer ten einde te voorkom dat 'n oordosering van 'n openbare watervoorraad wat lei tot meer as 0,5 milligram fluoried per liter bo die optimale fluoried vlak aangedui onder punt 3 van Aanhangel C nie plaasvind as gevolg van 'n onklaarraking of foutwerking van enige gedeelte van die toerusting van die waterfluorideringsaanleg of 'n verandering in die vloeitempo van die gefluorideerde water.

(2) Elke noodsaaklike stap moet geneem word ten einde te verseker dat water vir ten minste 90 persent van die tyd gefluorideer word.

(3) Slegs 'n fluoriedverbinding wat deur die Direkteur-generaal ingevolge regulasie 14 van hierdie regulasies goedgekeur is, mag gebruik word om 'n openbare watervoorraad te fluorideer.

(4) Fluoriedverbindinge moet voldoen aan die gehaltespesifikasies van die Departement van Gesondheid soos beskryf in die tegniese handleiding oor waterfluoridering vir wateraanlegoperateurs wat deur die Departement van Gesondheid gepubliseer is.

(5) Die fluoriedverbindinge bedoel in subregulasie (3) moet op 'n veilige plek deur die watervoorsiener geberg word sodat—

(a) enige onvoorsiene of toevallige stortsel van sodanige fluoriedverbinding nie die omgewing besmet nie of 'n besering veroorsaak nie; en

(b) geen ongemagtigde persoon met sodanige fluoriedverbindinge kan peuter nie.

(6) 'n Watervoorsiener moet verseker dat die fluoriedkonsentrasie in die gefluorideerde water, gemeet by 'n punt kort na die byvoeging van fluoriedverbindinge bedoel in subregulasie (3) en met die vermenging daarvan met water, binne 0,2 milligram fluoried per liter van die optimale fluoriedkonsentrasie aangedui onder punt 3 van Aanhangel C, gehandhaaf word.

(7) Die fluoriedkonsentrasie bedoel in subregulasie (6) moet vir ten minste 90 persent van die tyd gehandhaaf word.

(8) Die gemiddelde maandelikse fluoriedkonsentrasie van die gefluorideerde water, bereken vir die tydperk wanneer die waterfluorideringsaanleg in werking is, moenie meer as 0,1 milligram fluoried per liter afwyk van die optimale fluoriedkonsentrasie aangedui onder punt 3 van Aanhangel C.

(9) Indien 'n waterfluorideringsaanleg vir 'n tydperk van twee maande of meer afgesluit word, om welke redes ook al, moet die betrokke watervoorsiener die betrokke plaaslike owerhede in kennis stel wat die betrokke publiek deur middel van 'n kennisgewing in twee of meer plaaslike koerante en oor die radio in kennis stel.

MONITERING VAN DIE FLUORIEDKONSENTRASIE

9. (1) Die fluoriedkonsentrasie van die gefluorideerde water wat die waterfluorideringsaanleg verlaat, moet gemonitor word deur—

(a) 'n deurlopend optekende fluoriedmonitor wat een keer elke 24 uur gekalibreer word; of

(b) die monsterneming van sodanige gefluorideerde water elke 4 uur deur die analitiese prosedures deur die Departement van Gesondheid neergelê, te gebruik.

(2) Die fluoriedmonitor bedoel in subregulasie (1) (a) moet aan 'n alarmstelsel en 'n outomatiese waterfluorideringsaanlegafsluitstelsel gekoppel wees vir wanneer die fluoriedkonsentrasie, 1,5 milligram per liter vir 'n langer tydperk as vyf minute oorskry.

(3) In die geval van die monsterneming bedoel in subregulasie (1) (b), moet die waterfluorideringsaanleg vir 24 uur per dag beman word ten einde behoorlike funksionering te verseker.

(4) 'n minimum van een monster per week moet na willekeur op 'n uiteenlopende basis van 'n aantal plekke in die verspreidingsstelsel geneem word.

(5) Die aantal monsters bedoel in subregulasie (4) sal afhang van die struktuur van daardie verspreidingsstelsel.

REKORDHOUDING EN VERSLAGDOENING

10. (1) die watervoorsiener moet daaglik vir die eerste maand na die inbedryfstelling van 'n waterfluorideringsaanleg en daarna daaglik of enige ander periode van nie langer as sewe dae nie, die volgende besonderhede opteken:

- (a) Die hoeveelheid water wat na die laaste optekening gefluorideer is;
- (b) die hoeveelheid fluoried wat in die water bedoel in paragraaf (a) gebruik is;
- (c) die berekende teoretiese gemiddelde fluoriedkonsentrasie van die gefluorideerde water wat na die laaste optekening die aanleg verlaat het;
- (d) die berekende teoretiese gemiddeld van die fluoriedkonsentrasie, gegrond op geskiedkundige inligting of op werklike meting in die ongefluorideerde water wat die waterfluorideringsaanleg na die laaste optekening binnegevoel het;
- (e) die gemiddelde maandelikse fluoriedkonsentrasie in die gefluorideerde water wat die waterfluorideringsaanleg verlaat, soos opgeteken deur die fluoriedmonitor bedoel in regulasie 9 (1) (a), asook die hoogste en laagste fluoriedkonsentrasie in sodanige gefluorideerde water gedurende daardie maand;
- (f) die gemiddelde maandelikse fluoriedkonsentrasie in die monsters bedoel in regulasie 9 (1) (b) en die hoogste en laagste fluoriedkonsentrasie in sodanige monsters gedurende daardie maand;
- (g) opmerkings oor enige gebeure soos onklaarrakings, toerustingweiering, herstelwerk, instandhouding of enige ander aktiwiteit wat 'n uitwerking kan hê op die fluoriedkonsentrasie bedoel in paragrawe (c), (d), (e) en (f), en of stappe gedoen is om 'n herhaling van sodanige gebeure of aktiwiteite te voorkom.

(2) Die hoeveelheid fluoried bedoel in subregulasie (1) (b) word bepaal deur die hoeveelheid fluoried in voorraad aan die eiende van die huidige tydperk af te trek van die somtotaal van die hoeveelheid fluoried wat na die laaste optekening op die terrein ontvang is en die hoeveelheid fluoried in voorraad aan die begin van die huidige tydperk.

(3) Die gemiddelde fluoriedkonsentrasie bedoel in subregulasie (1) (c) word deur die volgende faktore bepaal:

- (a) Die volume water bedoel in subregulasie (1) (a);
- (b) die hoeveelheid fluoried wat by sodanige water gevoeg is; en
- (c) die fluoriedinhoud van die ongefluorideerde water bedoel in subregulasie (1) (d).

(4) 'n Maandelikse opsomming van die rekords bedoel in subregulasie (1) moet deur 'n watervoorsiener voorgelê word aan die gesondheidsdepartement van sodanige plaaslike owerheid en aan ander betrokke gesondheidsowerhede, tesame met 'n verslag ten opsigte van die nie-nakoming van subregulasie (1), (5) of (6) van hierdie regulasie en die stappe wat geneem is om 'n herhaling van sodanige nie-nakoming te voorkom.

(5) Geouditeerde uitslae van die rekords bedoel in subregulasie (1) en die verslag bedoel in subregulasie (4) moet kwartaalliks deur die watervoorsiener via die betrokke plaaslike en provinsiale gesondheidsowerheid aan die nasionale Departement van Gesondheid voorgelê word.

(6) Enige voorval van 'n oordosis van tussen 1,5 mg en 10 mg fluoried per liter vir minder as 24 uur moet opgeteken word en onmiddellik aan die gesondheidsdepartement van die betrokke plaaslike owerheid en aan ander betrokke gesondheidsowerhede gerapporteer word.

(7) In die geval van 'n toevallige oorfluoridering (meer as 10 mg/l) vir enige tydskuur, of 'n groot storting, moet die watervoorsiener die provinsiale gesondheidsowerheid, Direkteur-generaal van Gesondheid, Direkteur-generaal van Waterwese en Bosbou asook waterverbruikers, onmiddellik in kennis stel.

(8) Die rekords en verslae bedoel in subregulasies (4), (5) en (6) moet ter insae vir die publiek beskikbaar wees.

(9) 'n Opsomming van die rekords en verslae bedoel in subregulasies (4), (5) en (6) moet deur die watervoorsiener aan die betrokke plaaslike owerhede voorgelê word, wat dit op sy beurt voorlê aan—

- (a) die LUR vir Gesondheid van die verantwoordelike Provinsiale Regering, elke drie maande;
- (b) die Direkteur-generaal van die nasionale Departement van Gesondheid, jaarliks; en
- (c) die Direkteur-generaal van die Departement van Waterwese en Bosbou, jaarliks.

INSPEKSIES

11. (1) 'n Gemagtigde beampte kan te eniger tyd, en so dikwels as wat hy of sy nodig ag, 'n waterfluorideringsaanleg inspekteer.

(2) Die eienaar of okkupeerder of die persoon in bevel van of klaarblyklik in bevel van, of enige werknemer op of in 'n waterfluorideringsaanleg, moet die gemagtigde beampte van alle inligting voorsien wat die gemagtigde beampte ingevolge hierdie regulasies verlang in verband met die organisasie en bestuur van 'n waterfluorideringsaanleg en die proses van fluoridering.

(3) Niemand mag 'n gemagtigde beampte op enige wyse in die uitvoering van sy of haar inspeksies hinder nie of weier om na sy of haar beste wete enige inligting wat deur so enige sodanige gemagtigde beampte versoek word, te verstrek nie.

DIE WERKING, INSTANDHOUDING EN WERKNEMERS VAN 'N WATERFLUORIDERINGSAAANLEG

12. (1) 'n Watervoorsiener moet 'n omvattende bedryfsprogram, veiligheidsmaatreëls en noodmaatreëls instel betreffende—

- (a) die werking van die waterfluorideringsaanleg;
- (b) die inspeksie, diens en instandhouding van die toerusting van die waterfluorideringsaanleg;
- (c) die monitering van die fluoriedkonsentrasie bedoel in regulasie 9; en
- (d) die berging en hantering van fluoriedverbindinge by die waterfluorideringsaanleg,

ten einde die konsekwente, doeltreffende en veilige werking van die waterfluorideringsaanleg teweeg te bring.

(2) Die bedryfsprogram, veiligheidsmaatreëls en noodmaatreëls bedoel in subregulasie (1), moet skriftelik aan die bestuurders, toesighouers, operateurs, instandhoudingspersoneel en ander werknemers by die waterfluorideringsaanleg, volgens hul pligte, verantwoordelikhede en werksaamhede beskikbaar gestel word.

(3) 'n Watervoorsiener moet verseker dat die mense bedoel in subregulasie (2) voldoende opgelei is in alle aspekte van hul pligte, verantwoordelikhede en werksaamhede.

(4) Die operateur van 'n waterfluorideringsaanleg moet minstens oor 'n Klas III-klassifikasie ooreenkomstig die klassifikasiesetel vir waterversorgingsaanlegoperateurs van die Departement van Waterwese en Bosbou beskik.

GESONDHEID EN VEILIGHEID

13. (1) Alle aktiwiteite betreffende 'n waterfluorideringsaanleg moet aan die Wet op Beroepsgesondheid en Veiligheid, 1993 (Wet No. 85 van 1993), voldoen.

FLUORIEDVERBINDINGS

14. (1) Die volgende verbindinge word vir gebruik goedgekeur:

- (a) Natriumfluoried;
- (b) fluoorkieselsuur;
- (c) natriumfluorosilikaat.

(2) Potensiële invoerders of vervaardigers moet voor die fluoridering van 'n openbare watervoorraad by die Direkteur-generaal aansoek doen om registrasie van ander addisionele verbindinge as dié in subregulasie (1) genoem.

(3) 'n Watervoorsiener moet verseker dat die verbindinge wat gebruik word, aan die gehaltestandaarde van die Departement van Gesondheid voldoen soos beskryf in die tegniese handleiding oor waterfluoridering vir wateraanlegoperateurs wat deur die Departement van Gesondheid gepubliseer word.

(4) Dokumentêre bewys van die gehalte van die fluoriedverbinding wat gebruik staan te word, moet deur die betrokke watervoorsiener aan die Departement van Gesondheid voorgelê word.

AANHANGSEL A

AANSOEK DEUR 'N WATERVOORSIENER OM REGISTRASIE OM 'N OPENBARE WATERVOORRAAD TE FLUORIDEER

Slegs van toepassing op: "watervoorsiener", soos omskryf.

1. Naam en adres van watervoorsiener:

Naam van verantwoordelike persoon:

Telefoon No.:

Selfoon No.:

Faks No.:

Amp/Rang:

Naam van verantwoordelike persoon by die toepaslike gesondheidsowerheid:

Telefoon No.:

Selfoon No.:

Faks No.:

Amp/Rang:

2. Volume water per maand voorsien:

3. Verstrek 'n afsonderlike lys van die name van plaaslike owerhede wat deur die watervoorsiener van drinkwater voorsien word en die getal(le) persone in die voorsieningsgebied(e).

4. Die volgende inligting kan ook afsonderlik verstrek word indien meer spasie benodig word:

(a) Bron(ne) van ruwater [d.i. ontrekkingspunt(e)]

- * Rivieropvangsgebied(e)
- * Rivier(e)/Dam(me)/Ander
- * Ligging(s) van drinkwaterbehandelingsfasiliteit(e)

(b) Uitlaatpunt(e) van uitvloeiing(s) wat ontstaan uit die voorgestelde geïsoleerde watervoorraad(rade) in die voorsieningsgebied wat deur die watervoorsiener gedek word

- * Rivieropvangsgebied(e)
- * Rivier(e)/Dam(me)/Ander
- * Ligging(s) van uitvloeibehandelingsfasiliteit(e)

5. Heg kommentaar wat van die publiek ontvang is aan [regulasie 4 (5)]

6. Heg inligting aangaande die evaluering van die uitwerking van fluoridering op alle opvanggebiede wat uitvloeiende terugkerende strominge ontvang, aan [regulasie 5 (2) (a) en (b)]

7. Voorsien inligting oor die ooreenkoms bereik tussen die watervoorsiener en die plaaslike owerheid met betrekking tot:

- (a) Die terme van die ooreenkoms tussen die watervoorsiener en die plaaslike owerheid;
- (b) die onderskeie verantwoordelikhede vir voortgesette monitering en verslagdoening oorfluoriedvlakke in die water voorsien; en
- (c) stappe wat geneem sal word in die geval van oorfluoridering [regulasie 10 (7)]

Handtekening:

Naam:

Amp/Rang:

Namens:

Datum:

Slegs vir amptelike gebruik:

Goedgekeur/Nie goedgekeur nie

.....
Direkteur-generaal
Departement van Gesondheid

Datum:

AANHANGSEL B**AANSOEK DEUR 'N WATERVOORSIENER OM VRYGESTEL TE WORD VAN DIE INWERKINGSTELLING VAN
FLUORIDERING OF OM DIE FLUORIDERING VAN 'N OPENBARE WATERVOORRAAD TE BEËINDIG****1. Naam en adres van watervoorsiener:**

Naam van verantwoordelike persoon:

Telefoon Nr.:

Selfoon Nr.:

Faks Nr.:

Amp/Rang:

Naam van verantwoordelike persoon by die toepaslike gesondheidsowerheid:

Telefoon Nr.:

Selfoon Nr.:

Faks Nr.:

Amp/Rang:

2. Plek waar waterfluorideringsaanleg aangelê is: (Slegs vir beëindiging)**3. Rede(s) waarom vrystelling van die inwerkingstelling van fluoridering of die beëindiging van fluoridering van 'n openbare
watervoorraad versoek word:**

Handtekening:

Naam:

Amp/Rang:

Namens:

Datum:

Slegs vir amptelike gebruik:

Goedgekeur/Nie goedgekeur nie

Direkteur-generaal

Departement van Gesondheid

Datum:

AANHANGSEL C

TEGNIËSE INLIGTING DEUR DIE WATERVOORSIENER VERSTREK

Tegniese inligting wat deur die watervoorsiener aan die Direkteur-generaal voorgelê moet word in antwoord op die beslissing van die Direkteur-generaal om 'n openbare watervoorraad te fluorideer

1. Naam en adres van watervoorsiener:

Naam van verantwoordelike persoon:

Telefoon No.:

Selfoon No.:

Faks No.:

Posisie/Rang:

Naam van verantwoordelike persoon by die toepaslike gesondheidsowerheid: Telefoon No.:

Selfoon No.:

Faks No.:

Posisie/Rang:

2. Plek waar waterfluorideringsaanleg aangelê is:

3. (a) Hoeveelheid water wat maandeliks geïnduseer staan te word:

(b) Fluoriedverbinding wat gebruik staan te word:

(c) Gemiddelde jaarlikse fluoriedkonsentrasie van huidige watervoorraad: mg F/l

(d) Voorgestelde optimale fluoriedkonsentrasie (hoogstens 0,7 mg F/l): mg F/l

4. Naam en beskrywing van gebiede waaraan geïnduseerde water voorsien moet word:

5. Verduidelikende dokumentasie aangeheg:

(a) Stappe gedoen om publiek in te lig

(b) Soorte en name van fluorideringsmonitortoerusting en beskrywing van fluoriedmoniterings-, faalveilige en alarmstelsels

(c) Inspeksie van fluorideringsaanleg, diens- en instandhoudingsprogram, en noodmaatreëls

(d) Werknemeropleidingsprogram en pligstate

(e) Ooreenkoms tussen plaaslike owerheid en watervoorsiener, indien van toepassing

Handtekening:

Naam:

Amp/Rang:

Namens:

Datum:

Slegs vir amptelike gebruik:

Goedgekeur/Nie goedgekeur nie

Direkteur-generaal

Departement van Gesondheid

Datum:

AANHANGSEL D**KRITERIA EN RIGLYNE VIR DIE VRYSTELLING VAN 'N WATERVOORSIENER VAN DIE INWERKINGSTELLING VAN FLUORIDERING OF VIR DIE BEÏNDIGING VAN FLUORIDERING****Inleiding**

By voorlegging en onder bepaalde omstandighede kan die Direkteur-generaal toelaat dat 'n watervoorsiener vrygestel word van die inwerkingstelling van fluoridering, of dat fluoridering van 'n openbare watervoorraad beëindig word. Hierdie dokument omskryf die aard van die omstandighede waaronder sodanige vrystelling of beëindiging verleen mag word. Dit fokus op die kriteria wat gebruik behoort te word by die bepaling van die uitslag van 'n aansoek om vrystelling of beëindiging. Sodanige aansoek deur die watervoorsiener word voorgelê in die vorm waarvoor daar in Aanhangsel B voorsiening gemaak word.

Kriteria

Die volgende drie elemente is noodsaaklik vir suksesvolle fluoridering:

- (a) Die water;
- (b) die gemeenskap; en
- (c) bepaalde hulpbronne.

Probleme ten opsigte van enige van hierdie elemente kan die inwerkingstelling van 'n fluorideringsprogram vir 'n tydperk onmoontlik maak. Deur gebruikmaking van hierdie drie elemente, behoort die Direkteur-generaal te bepaal vir welke tydperk vrystelling van die inwerkingstelling van fluoridering verleen word.

Hierdie elemente word afsonderlik ondersoek ten einde die kriteria te bepaal wat fluoridering onmoontlik of onnodig sal maak, wat dan sal beteken dat alternatiewe metodes van fluoriedaanvulling oorweeg behoort te word.

- (a) **Die water:** Indien die ruwater wat tot beskikking van 'n voorsiener is, reeds die optimale hoeveelheid fluoried bevat soos in die regulasies omskryf, of meer, is fluoridering onnodig en behoort dit nie onderneem te word nie.
Indien die ruwater wat tot beskikking van 'n voorsiener is, slegs periodiek beskikbaar is, kan betroubare fluoridering problematies wees en behoort dit nie onderneem te word nie.
Indien die vereiste evaluering van die uitwerking van fluoridering, wat tot bevrediging van die Direkteur-generaal van Waterwese en Bosbou uitgevoer word, aantoon dat die fluoridering van 'n openbare watervoorraad 'n onaanvaarbare uitwerking op daardie waterhulpbronne (wateromgewing en verwante watergebruikers) sal hê wat uitvloeiende of verspreide uitlatings ontvang wat uit die gefluorideerde voorrade ontstaan, sal vrystelling of beëindiging goedgekeur word.
- (b) **Die gemeenskap:** Indien 'n gemeenskap baie lae vlakke van tandbederf ondervind, sal daar geen behoefte aan fluoridering wees vir solank dit die geval is nie.
- (c) **Bepaalde hulpbronne:**
 - Personeel:** Behoorlik opgeleide personeel is deurslaggewend vir die sukses van fluoridering. Totdat sodanige personeel aangestel is, behoort tydelike vrystelling van die inwerkingstelling van fluoridering verleen te word.
 - Toerusting:** Fluoridering vereis akkurate en deeglik instandgehoude toerusting. Totdat sodanige toerusting beskikbaar is, behoort tydelike vrystelling van die inwerkingstelling van fluoridering verleen te word.
 - Chemikalieë:** Bepaalde chemikalieë in toepaslike hoeveelhede is op 'n deurlopende basis vir suksesvolle fluoridering nodig. Totdat sodanige chemikalieë beskikbaar is, behoort tydelike vrystelling van die inwerkingstelling van fluoridering verleen te word.
 - Finansiering:** Die watervoorsiener behoort die waterfluorideringsaanleg te finansier, terwyl die gebruikers van drinkwater die koste verbonde aan die bedryf en van die waterfluorideringsaanleg moet dra. Totdat sodanige befonsing beskikbaar is, behoort tydelike vrystelling van die inwerkingstelling van fluoridering verleen te word.

**DEPARTMENT OF AGRICULTURE
DEPARTEMENT VAN LANDBOU****No. R. 792****12 June 1998****LIVESTOCK IMPROVEMENT ACT, 1977 (ACT No. 25 OF 1977)****KINDS AND BREEDS OF ANIMALS TO WHICH ACT SHALL APPLY**

I, Angela Thokozile Didiza, Deputy Minister of Agriculture, acting under section 2 of the Livestock Improvement Act, 1977 (Act No. 25 of 1977), on behalf of the Minister of Agriculture—

(a) hereby declare—

- (i) cattle, goats, horses, pigs and sheep, except pigs of the "Vietnamese Pot-bellied" breed, to be animals for the purposes of all the sections of the said Act, except section 17;
- (ii) cattle, horses and pigs of the breeds specified in the Table, to be animals for the purposes of sections 8 (2), 9 (3) and 18 of the said Act;
- (iii) goats and sheep of the breeds specified in the Table, to be animals for the purposes of sections 8 (2) and 18 of the said Act;
- (iv) ducks, geese, fowls, turkeys and muscovies to be animals for the purposes of all the sections of the said Act, except sections 7 to 13 and sections 17 to 23;
- (v) ostriches to be animals for the purposes of all the sections of the said Act, except section 7 to 13; and
- (vi) dogs to be animals for the purposes of all the sections of the said Act, except sections 7 to 17, 22 and 23.

(b) hereby repeal Government Notice No. R. 1482 of 6 September 1996.

A. T. DIDIZA**Deputy Minister of Agriculture****No. R. 792****12 Junie 1998****VEEVERBETERINGSWET, 1977 (WET No. 25 VAN 1977)****SOORTE EN RASSE DIERE WAAROP WET VAN TOEPASSING IS**

Ek, Angela Thokozile Didiza, Adjunkminister van Landbou, handelende kragtens artikel 2 van die Veeverbeteringswet, 1977 (Wet No. 25 van 1977), namens die Minister van Landbou—

(a) verklaar hierby—

- (i) beeste, bokke, perde, varke en skape, uitgesonder varke van die "Vietnamese Pot-bellied" ras, as diere vir die doeleindes van al die artikels van die genoemde Wet, uitgesonderd artikel 17;
- (ii) beeste, perde en varke van die rasse in die Tabel aangedui, as diere vir die doeleindes van artikels 8 (2), 9 (3) en 18 van die genoemde Wet;
- (iii) bokke en skape van die rasse in die Tabel aangedui, as diere vir die doeleindes van artikels 8 (2) en 18 van die genoemde Wet;
- (iv) eende, ganse, hoenders, kalkoene en makoue as diere vir die doeleindes van al die artikels van die genoemde Wet, uitgesonderd artikels 7 tot 13 en artikels 17 tot 23;
- (v) volstruise as diere vir die doeleindes van al die artikels van die genoemde Wet, uitgesonderd artikels 7 tot 13; en
- (vi) honde as diere vir die doeleindes van al die artikels van die genoemde Wet, uitgesonderd artikels 7 tot 17, 22 en 23.

(b) herroep hierby Goewermentskennisgewing No. R. 1482 van 6 September 1996.

A. T. DIDIZA**Adjunkminister van Landbou**

TABLE - TABEL
BREEDS OF ANIMALS/RASSE VAN DIERE

Cattle/Beeste	Goats/Bokke	Horses/Perde	Sheep/Skape	Pigs/Varke
1	2	3	4	5
Aberdeen Angus Afrikaner Ayrshire Beefmaster Bonsmara Boran * Brangus Brahman Braunvieh Charolais Chianina Dairy Shorthorn Dairy Swiss/Suiwel Switser Deutsches Rotvieh Dexter Drakensberger Galloway Gelbvieh Geurnsey Hereford Highland Holstein Friesland/Holstein Fries Huguenot Jersey Kashibi Kerry Mashona Nguni North Devon Nkone Pinzgauer	Angora Boer Goat/Boerbok British Alpine Bunte Deutsche Edelziege Gorno Altai Saanen Savanna Goat/Savannabok Toggenberger	American Quarter Horse Andalucian Appaloosa Arab Horse/Arabierperd Clydesdale Connemara Pony/Connemara- ponie English Halbblut European Warm Blood Horse/ Europese Warmbloedperd Friesian Horse/Friesperd Hackney Hackney Pony/Hackney-ponie Hafflinger Highland Pony/Highland-Ponie Kaapse Boerperd Lipizzaner Lusitano Morgan Horse/Morganperd Nooitgedacht Horse/Nooitgedacht- perd Paint Horse Percheron S.A. Boerperd SA Miniature Horse/SA Miniatuur- perd SA Vlaamperd Saddler/Saalperd Shetland Pony/Shetland-ponie Shire Thoroughbred/Volbloed Welsh Pony/Walliese ponie	Afrikaner Afrino Bezuidenhout * Boesmanlander Border Leicester Corriedale Damara Dohne Merino Dormer Dorper Dorset Horn East Friesian Hampshire Ille de France Karakul/Karakoel Lincoln Longwool Merino Merino Landsheep/Merino Landskaap Nguni Pedi Persina/Persie Romanov SA Mutton Merino/SA Vleis- merino Southdown Suffolk * Vandoor Van Rooy	Chester White Duroc Large Black/Groot Swart Large White/Groot Wit Hampshire Hamline Pietrain * Robuster SA Landrace/SA Landras Welsh/Walliese

Cattle/Beeste	Goats/Bokke	Horses/Perde	Sheep/Skape	Pigs/Varke
1	2	3	4	5
Red Poll/Rooipoenskap Rotbunte Schleswich- Holsteiner Romagnola * SA Braford Salers * Sanganer Santa Gerrudis Senepol Shorthorn * Simbra Simmentaler South Devon Sussex Tuli * Tulim				

* Developing breeds/Ontwikkkelende rasse

**DEPARTMENT OF LABOUR
DEPARTEMENT VAN ARBEID****No. R. 798****12 June 1998**

WAGE ACT, 1957

WAGE DETERMINATION 430: CIVIL ENGINEERING INDUSTRY, SOUTH AFRICA**CORRECTION NOTICE**

The following corrections to Government Notice No. R. 366 in *Government Gazette* No. 18740 dated 13 March 1998, is hereby published for general information:

In the Afrikaans version:

Clause 12 (1) (a) (i):

Substitute the expression "een week" for the expression "twee weke".

Clause 12 (1) (b):

Insert the following subparagraph after subparagraph "(i)":

"(ii) twee weke kennis, die weeklikse salaris".

No. R. 798**12 Junie 1998**

LOONWET, 1957

LOONVASSTELLING 480: SIVIELE INGENIEURSNYWERHEID, SUID-AFRIKA**VERBETERINGSKENNISGEWING**

Die volgende verbetering aan Goewermmentskennisgewing No. R. 366 in *Staatskoerant* No. 18740 gedateer 13 Maart 1998, word hiermee gepubliseer vir algemene kennisname:

In die Afrikaanse weergawe:

Klousule 12 (1) (a) (i):

Vervang die uitdrukking "een week" met die uitdrukking "twee weke".

Klousule 12 (1) (b):

Voeg die volgende subparagraaf by na subparagraaf "(i)":

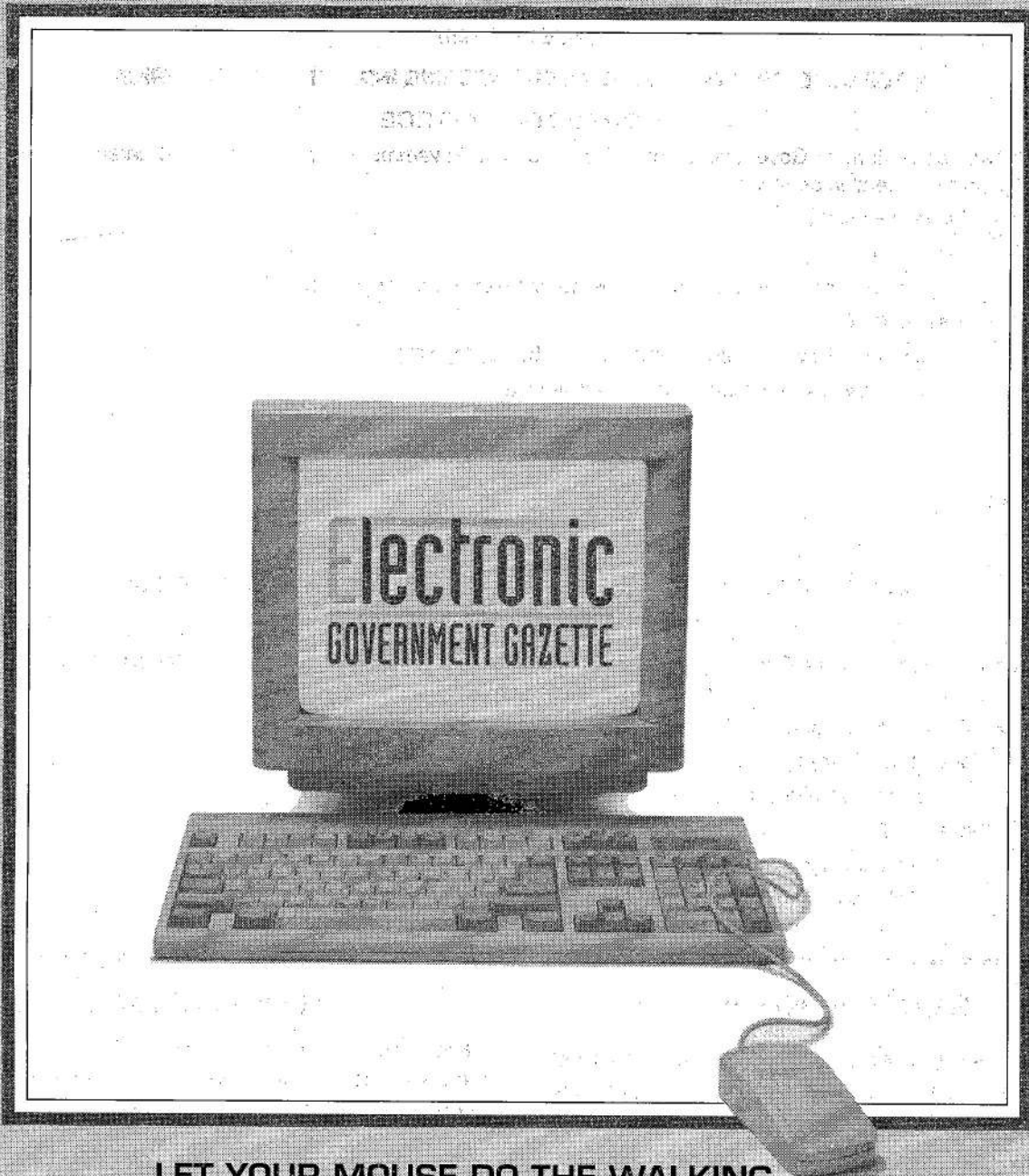
"(ii) twee weke kennis, die weeklikse salaris".

RECTIFICATION

Notice is hereby given that the **regulation number** in the preamble of *Government Gazette* No. 18896 of 18 May 1998, was incorrectly published. The number should read as follows: **Regulation Gazette No. 6213.**

REGSTELLING

Hiermee word bekendgemaak dat die **regulasienommer** in die aanhef van *Staatskoerant* No. 18896 van 18 Mei 1998, foutief gepubliseer is. Die nommer moet as volg lees: **Regulasiekoerant No. 6213.**



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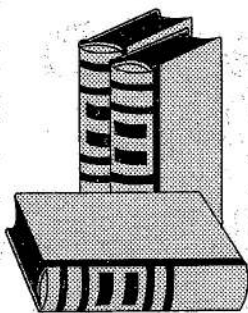
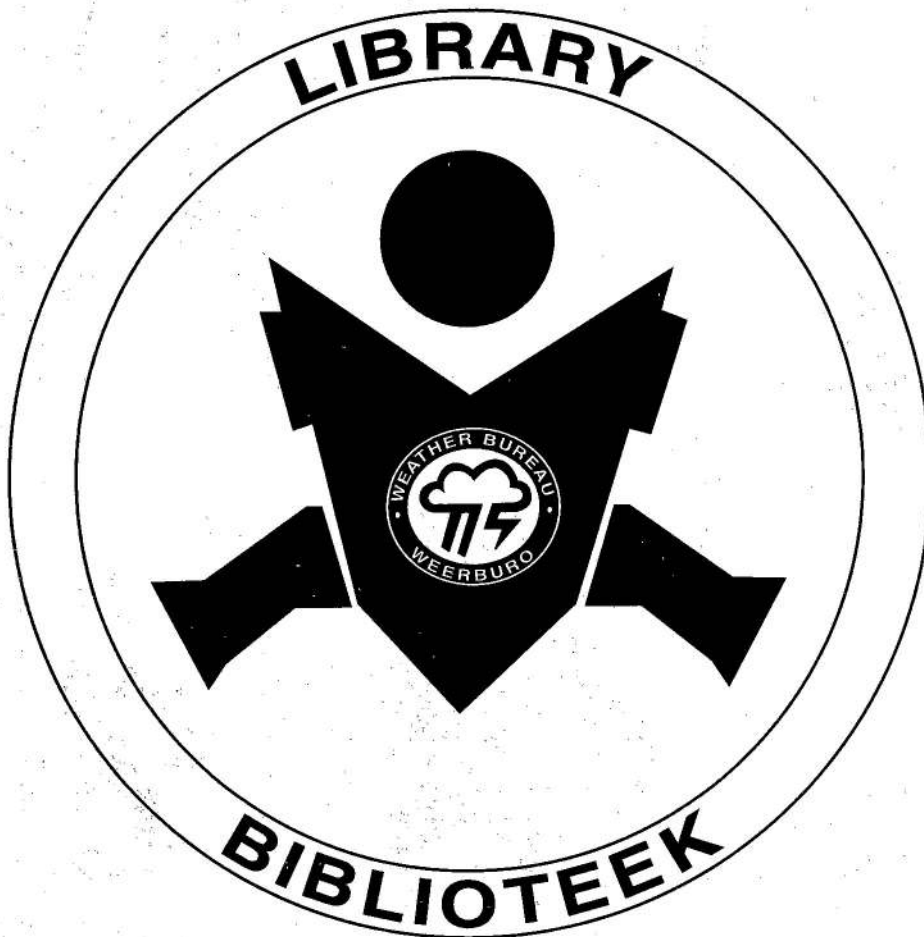
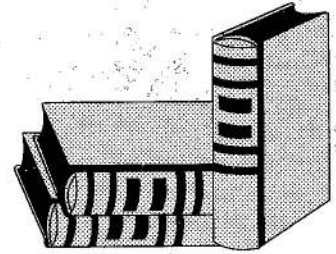
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