



# Government Gazette Staatskoerant

REPUBLIC OF SOUTH AFRICA  
REPUBLIEK VAN SUID-AFRIKA

Vol. 576

Pretoria, 14 June  
Junie 2013

No. 36559

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## GENERAL NOTICE

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### NOTICE 607 OF 2013

#### DEPARTMENT OF ENVIRONMENTAL AFFAIRS

#### EXPLANATORY SUMMARY OF THE SOUTH AFRICAN WEATHER SERVICE AMENDMENT BILL, 2013

The Minister of Water and Environmental Affairs intends introducing the South African Weather Service Amendment Bill, 2013 in Parliament during August 2013. An explanatory summary of the Bill is hereby published in accordance with Rule 241 (1) (c) of the Rules of the National Assembly.

Members of the public are hereby invited to submit written comments or inputs on the draft Bill. The aforesaid comments or inputs must be marked for the attention of Mr. Sibusiso Shabalala and may be hand delivered, e-mailed or sent by post, within 30 days of publication of this notice to the following address:

Department of Environmental Affairs	Private Bag X447
Attention: Mr Sibusiso Shabalala	Pretoria
315 Corner Lillian Ngoyi and Van Der Walt Streets	or 0001
Fedsure Forum Building, 7 <sup>th</sup> Floor, North Tower	
Pretoria	
0001	

E-mail address: [sshabalala@environment.gov.za](mailto:sshabalala@environment.gov.za) or Fax No.: 012 320 7561

Tel: (012) 310 3449

A copy of the draft Bill can also be obtained from Mr Sibusiso Shabalala.

**BOMO EDITH EDNA MOLEWA**

**MINISTER OF WATER AND ENVIRONMENTAL AFFAIRS**

REPUBLIC OF SOUTH AFRICA

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**SOUTH AFRICAN WEATHER SERVICE AMENDMENT BILL**

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*(As introduced in the National Assembly (proposed section 75); explanatory  
summary of Bill published in Government Gazette No. ... of ... 2013)  
(The English text is the official text of the Bill)*

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(MINISTER OF WATER AND ENVIRONMENTAL AFFAIRS)

[B - 2013]

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**GENERAL EXPLANATORY NOTE:**

- [ ] Words in bold type in square brackets indicate omissions from existing enactments.
- \_\_\_\_\_ Words underlined with a solid line indicate insertions in existing enactments.
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**BILL**

To amend the South African Weather Service Act, 2001, so as to substitute and insert certain definitions; to extend the objectives and functions of the Weather Service; to provide the Minister with supervisory powers; to provide for the Board to be the accounting authority for the Weather Service; to delete certain obsolete provisions; to provide for the limitation of liability of the Weather Service; to provide for offences and penalties; to amend the Schedules to the Act; and to provide for matters connected therewith.

**BE IT ENACTED** by the Parliament of the Republic of South Africa, as follows:—

**Amendment of section 1 of Act 8 of 2001**

1. Section 1 of the South African Weather Service Act, 2001 (hereinafter referred to as the principal Act), is hereby amended—

- (a) by the deletion of the numbering preceding each definition;
- (b) by the substitution for the definition of "advisory services" of the following definition:

“**advisory services**’ means any climatological advice or advice on ambient air quality, and includes advice on weather outlooks, weather forecasts, [and] severe weather warnings, ambient air quality information services, air quality forecasts and ambient air quality warnings;”;

- (c) by the insertion after the definition of "advisory services" of the following definitions:

“‘Air Quality Act’ means the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004);

‘ambient air’ has the meaning assigned to it in section 1 of the Air Quality Act;

‘ambient air quality forecast’ means a prediction or estimation of ambient air quality at some time in the future using recognised air quality forecasting techniques or methodologies;

‘ambient air quality warning’ means an alert of exceedance or forecast exceedance of ambient air quality standards established in terms of the Air Quality Act;”;

- (d) by the substitution for the definition of "Chief Executive Officer" of the following definition:

“‘Chief Executive Officer’ means the Chief Executive Officer appointed in terms of section 13(1)[and includes the interim Chief Executive Officer contemplated in section 18(6)];”;

- (e) by the insertion after the definition of "department" of the following definition:

“‘emission’ has the meaning assigned to it in section 1 of the Air Quality Act;”;

- (f) by the insertion after the definition of "financial year" of the following definition:

“‘greenhouse gas’ has the meaning assigned to it in section 1 of the Air Quality Act;”;

- (g) by the insertion after the definition of "Minister" of the following definitions:

“‘NAAQMN’ means the National Ambient Air Quality Monitoring Network that provides ambient air quality information to the SAAQIS;

'national framework' means the national framework established in terms of section 7(1) of the Air Quality Act;;

(h) by the insertion after the definition of "regulations" of the following definition:

"SAAQIS' means the South African Air Quality Information System, and refers to the electronic information management system established in accordance with the national framework established in terms of section 7(1) of the Air Quality Act;".

### **Amendment of section 3 of Act 8 of 2001**

2. Section 3 of the principal Act is hereby amended—

(a) by the substitution for paragraph (a) of the following paragraph:

"(a) to maintain, extend and improve the quality of meteorological and ambient air quality-related information services for the benefit of all South Africans;";

(b) by the substitution for paragraphs (c) and (d) of the following paragraphs, respectively:

"(c) to ensure the ongoing collection of meteorological and ambient air quality data over South Africa and surrounding southern oceans for the use by current and future generations;

(d) to be the long term custodian of a reliable national climatological, emission and greenhouse gas and ambient air quality record;";

(c) by the deletion of the word "and" at the end of paragraph (g);

(d) by the substitution for paragraph (h) of the following paragraph:

"(h) to fulfill such other weather-related or ambient air quality information international obligations as the Minister may direct[.];" and

(e) by the addition of the following paragraph:

"(i) to be the custodian and host of the SAAQIS."

#### **Amendment of section 4 of Act 8 of 2001**

3. Section 4 of the principal Act is hereby amended—

(a) by the insertion in subsection (1), after paragraph (a), of the following paragraphs:

"(aA) provide such ambient air quality information services as is necessary to achieve the objectives of the Air Quality Act;

(aB) collect ambient air quality data over South Africa and surrounding southern oceans for the use by current and future generations;

(aC) act as the custodian and host of the SAAQIS;

(aD) receive, process and store ambient air quality data, emissions and greenhouse gas data collected by municipalities and atmospheric emission licence holders in terms of the Air Quality Act;

(aE) manage, operate, maintain and develop NAAQMN."

(b) by the addition of the following subsection:

"(5) The Weather Service may issue ambient air quality forecasts and ambient air quality warnings."

#### **Insertion of section 4A in Act 8 of 2001**

4. The following section is hereby inserted in the principal Act, after section 4:

##### **"Minister's supervisory powers**

**4A. (1) The Minister-**



(a) \_\_\_\_\_ must monitor the exercise and performance by the Weather Service of its functions;

(b) \_\_\_\_\_ may set norms and standards for the performance by the Weather Service of its functions; or

(c) \_\_\_\_\_ may issue directives to the Weather Service on policy, planning, strategy and procedural issues to ensure its effective and efficient functioning.

(2) \_\_\_\_\_ The Weather Service must exercise its functions and perform its functions subject to any norms and standards and directives issued by the Minister in terms of subsection (1).”.

#### **Amendment of section 5 of Act 8 of 2001**

5. Section 5 of the principal Act is hereby amended by the insertion in subsection (2) after subparagraph (i) of paragraph (b) of the following subparagraph:

“(iA) air quality management;”.

#### **Amendment of section 14 of Act 8 of 2001**

6. Section 14 of the principal Act is hereby amended by the substitution for subsection (1) of the following subsection:

“(1) [Subject to section 18, the] The Chief Executive Officer may, on such terms and conditions of service as may be determined by the Board, appoint [~~or have~~] such number of employees[ ~~seconded~~] to the Weather Service as are necessary, to enable the Weather Service to perform its functions.”.

#### **Amendment of section 17 of Act 8 of 2001**

7. Section 17 of the principal Act is hereby amended by the substitution for subsection (1) of the following subsection:

“(1) [~~Despite the provisions of~~] In accordance with section 49(2) (a) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), the[~~Chief~~

**Executive Officer]Board is the accounting **[officer]authority of the Weather Service, and must comply with the provisions of the Public Finance Management Act, 1999.”.****

#### **Repeal of section 18 of Act 8 of 2001**

8. Section 18 of the principal Act is hereby repealed.

#### **Insertion of section 27A in Act 8 of 2001**

9. The following section is hereby inserted in the principal Act after section 27:

##### **“Limitation of liability**

**“27A. Neither the Weather Service nor any other person acting on behalf of the Weather Service is liable for any damage, loss or injury caused by any act performed or omitted in good faith, in the course of exercising a power or performing a function assigned by or under this Act.”.**

#### **Insertion of section 30A in Act 8 of 2001**

10. The following section is hereby inserted in the principal Act after section 30:

##### **“Offences and Penalties**

**30A. (1) No person may—**

**(a) publish, disseminate or distribute in any manner whatsoever any severe weather warning he or she knows, believes or ought to have reasonably known or suspected—**

**(i) to be false or misleading; and**

**(ii) that it may incite public reaction and may lead to the undue mobilisation of resources, public alarm, evacuations or economic loss; or**

(b) impersonate or falsely represent himself or herself to be an employee of the Weather Service or purport to act on behalf of the Weather Service; or

(c) use official corporate branding from the Weather Service, or corporate branding closely resembling that of the Weather Service, such that it will be difficult for the reasonable person to distinguish between the original and resembling versions, with the intention to deceive a member of the public into believing that the document or message presented or disseminated is an official document or message originating from the Weather Service.

(2) A person who contravenes any provisions of subsection (1) is guilty of an offence and is liable, in the case of a first conviction, to a fine not exceeding five million rand or imprisonment for a period not exceeding five (5) years, and in the case of a second or subsequent conviction, to a fine not exceeding ten million rand or imprisonment for a period not exceeding ten (10) years, or in both instances to both such fine and such imprisonment, respectively.

(3) Whenever any person is convicted of an offence under subsection (1) and it appears that such person has by that offence caused loss or damage to any organ of state or other person, the court may in the same proceedings at the written request of the Minister or other organ of state or other person concerned, and in the presence of the convicted person, inquire summarily and without pleadings into the amount of the loss or damage so caused.

(4) Upon proof of such amount, the court may give judgment therefore in favour of the organ of state or other person concerned against the convicted person, and such judgment shall be of the same force and effect and be executable in the same manner as if it had been given in a civil action duly instituted before a competent court.

(5) Whenever any person is convicted of an offence under subsection (1) the court convicting such person may summarily enquire into and assess the monetary value of any advantage gained or likely to be gained

by such person in consequence of that offence, and, in addition to any other punishment imposed in respect of that offence, the court may order—

(a) the award of damages or compensation or a fine equal to the amount so assessed; or

(b) that such remedial measures as the court may determine must be undertaken by the convicted person.

(6) Notwithstanding anything to the contrary in any other law, a Magistrate's Court shall have the jurisdiction to impose any penalty prescribed by this Act."

#### **Amendment of Schedule 1 to Act 8 of 2001**

11. Schedule 1 to the principal Act is hereby amended—

(a) by the substitution of item 11 of the following item:

"The conducting of research **[focussed]** focused on reducing the impact of weather-related natural disasters and on improving **[to]** the quality of the public good services."; and

(b) by the addition of the following items:

"14. The collection of ambient air quality data over South Africa and surrounding southern oceans.

15. The provision of ambient air quality forecasts and warning services intended for the general public benefit.

16. The custody and host of the SAAQIS.

17. Air quality and air quality information management-related publications.

18. The provision of emission, greenhouse gas, and ambient air quality information and advice to Government.

19. The storing of emission and greenhouse gas data collected by municipalities and atmospheric emission licence holders in terms of the Air Quality Act.

20. The management, operation, maintenance and the development of NAAQMN and other ambient air quality-related instruments and computer programmes.”.

#### **Amendment of Schedule 2 to Act 8 of 2001**

12. Schedule 2 to the principal Act is hereby amended by the addition of the following items:

"12. The provision of specialised ambient air quality forecasts or ambient air quality information services.

13. The provision of services to the air quality management, air quality monitoring or air quality modelling industry.

14. Contracted air quality-related research.

15. The selling of ambient air quality or meteorological information packages.”.

#### **Short title and commencement**

13. This Act is called the South African Weather Service Amendment Act, 2013, and takes effect on a date fixed by the President by proclamation in the *Gazette*.

## **MEMORANDUM ON THE OBJECTS OF THE SOUTH AFRICAN WEATHER SERVICE AMENDMENT BILL, 2013**

### **1. PURPOSE OF THE BILL**

The purpose of the Bill is to amend the South African Weather Services Act, 2001 (Act No. 8 of 2001) (the Act), so as to substitute and insert certain definitions; to extend the objectives and functions of the South African Weather Service (Weather Service) to deal with ambient air quality information services; to align the Weather Service Board with the Public Finance Management Act, 1999 (Act No. 1 of 1999) by providing for the Board to be the accounting authority for the Weather Service; to delete certain obsolete provisions; to provide for the limitation of liability of the Weather Service; to provide for offences and penalties; and to amend the Schedules to the Act.

### **2. BACKGROUND**

2.1 The purpose of the Act was to establish the Weather Service; to determine its objects, functions and method of work; to prescribe the manner in which it is to be managed and governed; and to regulate its staff and financial matters.

2.2 In order to meet the information requirements for good air quality governance and to ensure compliance with the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) (NEM: AQA), the Department of Environmental Affairs (DEA) together with the Weather Service developed the South African Air Quality Information System (SAAQIS) and the National Ambient Air Quality Monitoring Network (NAAQMN) since the promulgation of the NEM: AQA in 2005. The partnership between DEA and Weather Service is managed in accordance with a Memorandum of Understanding.

2.3 SAAQIS is an electronic web-based information system that has the stated objective of providing all stakeholders with easy access to all relevant information about air quality in South Africa and further provides different stakeholders with different useful on-line applications to support the effective and efficient management of air quality. The SAAQIS is in the process of being operationalized in phases. The Weather Service requires a clear mandate and empowering clause to host the

SAAQIS, including storage, quality controlling, archiving and reporting of data, efficiently and effectively.

2.4 The NAAQMN collects and feeds information into the SAAQIS and consists of a network of government-owned automatic ambient air quality monitoring stations located around the country.

2.5 To ensure the sustainability of these systems, and further to ensure that the Weather Service is provided with the necessary mandate and powers to implement these systems efficiently and effectively, both parties have agreed that an amendment to the Act is desirable.

### **3. OBJECTS OF AMENDMENT BILL**

#### **3.1 Clause 1: Amendment of section 1**

Clause 1 inserts and amends certain definitions to provide for the amendments proposed to the Act. The term “ambient air quality” is included in various definitions due to the additional objective and functions of the Weather Service.

#### **3.2 Clause 2: Amendment of section 3**

Clause 2 seeks to amend section 3 of the Act by extending the objectives of the Weather Service to include ambient air quality information. Clause 2 seeks to add to the objectives of the Weather Service the implementation of the SAAQIS and the NAAQMN. In this instance, the Weather Service is regarded as the long term custodian and host of the SAAQIS.

#### **3.3 Clause 3: Amendment of section 4**

Clause 3 seeks to extend the functions of the Weather Service to provide ambient air quality information services, to collect ambient air quality data, to act as custodian and host of the SAQQIS, to manage, operate, maintain and develop the NAAQMN, and to issue ambient air quality forecasts and ambient air quality warnings.

### **3.4 Clause 4: Insertion of section 4A**

Clause 4 inserts section 4A to provide the Minister with supervisory powers. The amendment will allow the Minister to monitor the Weather Service exercise and performance of its functions. In this regard, the Minister may set norms and standards for the performance by the Weather Service of its functions, or issue directives to the Weather Service on policy, planning, strategy and procedural issues to ensure its effective and efficient functioning.

### **3.5 Clause 5: Amendment of section 5**

Clause 5 seeks to ensure that the needs of air quality management stakeholders are taken into account by the Minister when appointing members of the Board of the Weather Service.

### **3.6 Clause 6: Amendment of section 14**

Clause 6 seeks to allow the Chief Executive Officer appoint or have such number of employees seconded from the Department of Environmental Affairs to the Weather Service, in order to enable the Weather Service to perform its functions, subject to such terms and conditions that the Board may determine.

### **3.7 Clause 7: Amendment of section 17**

Section 17 of the Act provides for the Chief Executive Officer to be the accounting officer of the Weather Service. Section 49(2) of the Public Finance Management Act provides that board is the accounting authority. Clause 7 seeks to align the Act with the relevant provisions of the Public Finance Management Act, 1999 by providing for the Board of the Weather Service to be the accounting authority for the Weather Service.

### **3.8 Clause 8: Repeal of section 18**

Section 18 of the Act is transitional provisions providing for the transfer of staff from the former Chief Directorate Weather Bureau of the Department. Clause 8 seeks to repeal section 18 of the Act because section 18 is no longer relevant.



### **3.9 Clause 9: Insertion of section 27A**

Clause 9 inserts section 27A to limit the liability of the Weather Service under certain circumstances.

### **3.10 Clause 10: Insertion of section 30A**

The Act obliges the Weather Service to perform certain functions, including, the provision of meteorological services, implementation of Resolution 40 and any other related resolutions of the World Meteorological Organisation, and to perform any other functions assigned to it. In this regard, section 4(3) of the Act states that only the Weather Service may issue severe weather warning over South Africa in order to ensure that there a single authoritative voice. However, the Act does not provide for offences and penalties in cases of contravention of section 4(3) of the Act.

In order to ensure compliance with the provisions of the Act, clause 10 inserts the following offences:

- It is an offence for any person to publish, disseminate or distribute false or misleading severe weather warning;
- It is an offence for any person to impersonation or falsely misrepresent himself or herself to be an employee of the Weather Service or purport to act on behalf of the Weather Service;
- It is an offence for any person to unlawfully use the official or corporate branding of the Weather Service.

The clause also inserts penalties (fine and or term of imprisonment), in line with other environmental legislation, for those offences.

In order to deter the commission of an offence in terms of the Act, and to circumvent the duplication of utilising the burdened court services by instituting separate civil and criminal proceedings in respect of the same matter, the proposed section 30A also empowers the court to award compensation where the offence causes damage to or loss of property. The aforesaid judgment will be of the same force and effect and be executable in the same manner as if it had been given in a civil action duly

instituted before a competent court. This will also provide a more efficient and effective civil law remedy in respect of the offences in terms of the Act. The Magistrates' Court will also be given jurisdiction to impose the penalty prescribed in this amendment.

### **3.11 Clauses 11 and 12: Amendment of Schedules to the Act**

Clauses 11 and 12 seek to effect a certain grammatical correction and amend Schedules 1 and 2 to the Act respectively by providing for additional public good services and commercial services which relate to ambient air quality information through the SAAQIS.

## **4. FINANCIAL IMPLICATIONS FOR THE STATE**

**4.1** The Department of Environmental Affairs budget for the Weather Service will increase to include additional funds for the implementation of the SAAQIS.

**4.2** In this regard, a Business Case Study was undertaken to assess and analyse the financial implications to the Weather Service for the implementation of the SAAQIS.

## **5. ORGANISATIONAL AND PERSONNEL IMPLICATIONS**

The amendments do not create new structures within the Department. The Department, in terms of the amendments, is transferring the operation, management and maintenance of the SAAQIS function to the Weather Service. In essence, the Department will monitor and support the Weather Service in the performance of the function. Accordingly, a new Air Quality Information Unit will be established at the Weather Service to implement the SAAQIS function.

## **6. COMMUNICATION IMPLICATIONS**

Appropriate communication measures will be implemented by the Government Communication and Information System.

## **7. PROVINCIAL IMPLICATIONS**

None

## **8. CONSTITUTIONAL IMPLICATIONS**

None

## **9. PARLIAMENTARY PROCEDURE**

**9.1** The State Law Advisers and the Department of Environmental Affairs are of the opinion that the provisions of the Bill relates to amendments that fall within the meaning of any matter referred to in section 44(1)(a)(ii) of the Constitution and must be dealt with in accordance with the procedure established by section 75 of the Constitution.

**9.2** The State Law Advisers are of the opinion that it is not necessary to refer this Bill to the National House of Traditional Leaders in terms of section 18(1)(a) of the Traditional Leadership and Governance Framework Act, 2003 (Act No. 41 of 2003), since it does not contain provisions pertaining to customary law or custom of traditional communities.

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