



**REPORT TO ALL SUB-COUNCIL'S  
[1-21]**

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**1. ITEM NUMBER : 04SUB 12/09/2023**

**2. SUBJECT**

**DRAFT REVIEW OF THE CITY OF CAPE TOWN AIR QUALITY  
MANAGEMENT PLAN, FOR PUBLIC COMMENT**

**KONSEPHERSIENING VAN DIE STAD KAAPSTAD SE  
LUGGEHALTEBESTUURSPLAN VIR KOMMENTAAR**

**UPHENGULULO OLULUYILO LWESICWANGCISO SESIXEKO SASEKAPA  
SOLAWULO LOMGANGATHO WOMOYA UKUZE ULUNTU LUTHABATHE  
INXAXHEBA**

**Q0510**

**3. PURPOSE**

The purpose of the report is to give the Subcouncils the opportunity to comment on the draft Air Quality Management Plan, for the City of Cape Town, and to be informed of the planned public participation process.

**4. FOR DECISION BY**

This report is for the consideration of all Subcouncils as per delegation 5 (1) and (2) of section 25 of the System Delegations:

(1) "To comment on Bylaws and Policies within the timeframes advertised and submit comments and objections to the relevant Portfolio Committee considering such bylaw or policy.

(2) "To establish and maintain a database within the area of the Sub-council as a vehicle for public participation and to facilitate the liaison between civic organisations, ratepayers associations and related, within Sub-councils areas of jurisdiction.

## 5. EXECUTIVE SUMMARY

The City of Cape Town intends to review the City of Cape Town: Air Quality Management Plan. In so doing, the City of Cape Town seeks to ensure management of air quality and the control of air pollution within the area of jurisdiction of the City and to ensure that air pollution is avoided or, where it cannot be altogether avoided, is minimized and remedied.

The draft reviewed Air Quality Management Plan is available for public comment, as per the attached public participation process plan. The Subcouncil may participate by providing comment as well.

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## 6. RECOMMENDATIONS

It is recommended that:

- a) The Subcouncil notes the Public Participation Plan for the reviewed Air Quality Management Plan for the City of Cape Town (Annexure A).
- b) The Subcouncil consider commenting on the content of the draft revised Air Quality Management Plan (Annexure B).

Daar word aanbeveel dat:

- a) Die subraad van die openbare deelnameplan vir die hersiene luggehaltebestuursplan vir die Stad Kaapstad (bylae A) kennis neem.
- b) Die subraad oorweeg om op die inhoud van die hersiene luggehaltebestuursplan (bylae B) kommentaar te lewer.

Kundululwe ukuba:

- a) IBhungana maliqwalasele iSicwangciso seNtathoxaxheba yoLuntu ngokujoliswe kwiSicwangciso soLawulo loMgangatho woMoya esiphengululiweyo seSixeko saseKapa (isihlomelo A).
- b) IBhungana malithathele ingqalelo ukuvakalisa uluvo kumxholo oluyilo ohlaziyiweyo weSicwangciso soLawulo loMgangatho woMoya (isihlomeloB).

## 7. DISCUSSION/CONTENTS

### Background

The World Health Organisation has recognised that air pollution kills an estimated seven million people worldwide every year: *“WHO data shows that 9 out of 10 people breathe air that exceeds WHO guideline limits containing high levels of pollutants, with low- and middle-income countries suffering from the highest exposures.”*

Existing levels of ambient air pollution in Cape Town have the following main impacts:

- Poor visibility especially during the ‘Brown Haze’<sup>1</sup> episodes
- Climate change inducing impacts due to greenhouse gas emissions i.e. Carbon Dioxide (CO<sub>2</sub>), Methane (CH<sub>4</sub>), Nitrous Oxide (NO) and short lived climate forcing agents e.g. black carbon
- Risks to human health and well-being and environment
- Reduced tourism
- Quality of the environment in which to live
- Greenhouse gasses contributing to Climate Change.

The Constitution of South Africa specifies in Chapter 2, Section 24 that everyone has a right to an environment that is not harmful to their health or wellbeing, to have the environment protected, for the benefit of present and future generations, through reasonable legislative and other measures. Schedule 4 Part B of the Constitution places the onus of addressing air pollution matters on Local Government in terms of Section 155(6)(a) and (7).

Due to the above problem statements and local government’s constitutional obligations, it is essential that the City of Cape Town develops and implements a thorough and evidence based air quality management plan.

## **Second Generation Air Quality Management Plan**

The City of Cape Town developed its first generation Air Quality Management Plan (AQMP) in 2005 that aimed to ensure that clean air is achieved and maintained in the City over the next 10 to 20 years. The City also developed various iterations of the Air Quality Management Bylaw to implement the plan and regulate various aspects of air quality (most recently amended in 2021) in tandem with the National Environmental Management Air Quality Act, Act 39 of 2004.

Based on nearly two decades of learning and actively striving to improve overall air quality in the City, a review of the AQMP has been initiated (See Annexure A – draft AQMP). The overall objective of the Plan is to strive for an environment where there is excellent air quality in all areas of Cape Town, and health impacts of air pollution due to poor air quality are mitigated through the set of Goals and Objectives detailed in the AQMP as set out below.

## **Plan Directive Goals and Objectives**

The Plan Directive Goals and Objectives for the Air Quality Management Plan are detailed as follows:

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<sup>1</sup> The main cause of the Cape Town Brown Haze is fine and ultra-fine particulate matter, VOC and NO<sub>x</sub> emissions from transport, biomass burning, industrial, and domestic sources. These pollutants are known to cause a health risk if inhaled at high concentrations for long periods. Every year during the period from May to September, Cape Town experiences episodes of visible pollution, which are associated with stable atmospheric conditions and low-level inversions. These conditions give rise to visible brown haze, which has been a cause for concern for many years.

## **GOAL 1: ENSURE EFFECTIVE AND CONSISTENT AIR QUALITY MANAGEMENT, LINKED TO CLIMATE CHANGE RESPONSE**

- Objective 1.1: To maintain and enhance the Air Quality Management System for the City of Cape Town.
- Objective 1.2: To develop and implement mechanisms and systems to attain compliance with national ambient air quality standards.
- Objective 1.3: To monitor criteria air pollutants which, through ambient concentrations, deposition or in any other way, present a threat to health, well-being or the environment.
- Objective 1.4: To improve air quality in dense low-income settlements.

## **GOAL 2: CONTINUALLY ENGAGE WITH STAKEHOLDERS TO RAISE AWARENESS WITH RESPECT TO AIR QUALITY MANAGEMENT AND CLIMATE CHANGE RESPONSE**

- Objective 2.1: To support research efforts to determine extent of detrimental health effects of poor air quality on population of Cape Town.
- Objective 2.2: To expand upon existing education and awareness activities and to provide a comprehensive and sustainable awareness and communication programme for Air Quality Management.

## **GOAL 3: ENSURE EFFECTIVE AND CONSISTENT AIR QUALITY COMPLIANCE MONITORING AND ENFORCEMENT**

- Objective 3.1: To enforce current and future legislation for Air Quality Management.
- Objective 3.2: Strengthen and build capacity in air quality management and compliance and enforcement.
- Objective 3.3: Conduct annual compliance monitoring and enforcement of Listed Activities.
- Objective 3.4: Support City Departments and facilities in maintaining environmental compliance.
- Objective 3.5: Ensure NEMA Section 30 incidents which impact on air quality are investigated and reported on.

## **GOAL 4: SUPPORT AIR QUALITY AND CLIMATE CHANGE RESPONSE PROGRAMMES INCLUDING THE PROMOTING AND FACILITATING THE REDUCTION OF GREENHOUSE GAS EMISSIONS**

- Objective 4.1: Manage landfill emissions.
- Objective 4.2: Manage emissions from waste water infrastructure.
- Objective 4.3: To reduce and control vehicle emissions in the City.
- Objective 4.4: To support sustainable transport planning initiatives.
- Objective 4.5: Support Climate friendly procurement in the City.
- Objective 4.6: Support National; Provincial and Local programmes to reduce greenhouse gases and its associated carbon footprint.

### **Proposed public participation methods**

After consultations with the public participation unit, a 30-day period is considered appropriate and the following public participation methods are proposed:

- newspaper adverts in the 9 major community newspapers;

- a report to all Sub-Councils to inform of the process; and
- e-mail and SMS notifications to be sent to community organisations listed on the Community Organisation Database of the City.

The proposed reviewed Air Quality Management Plan is attached as **Annexure A**.  
 The proposed public participation plan is attached as **Annexure B**.  
 The proposed advert to be placed is attached as **Annexure C**.

### 7.1. Constitutional and Policy Implications

Air Pollution Control is a Local Government competency. This report forms part of the revision process for the City of Cape Town Air Quality Management Plan.

### 7.2. Sustainability implications

Does the activity in this report have any sustainability implications for the City?	No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>
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7.2.1 The draft Air Quality Management Plan is underpinned by a number of policy principles including Capacity Building and Education; Duty of Care; Environmental justice; Polluter Pays; Pollution Prevention; Preventing, minimising and mitigation environmental impacts; public participation.

7.2.2 The Air Quality Management Plan is aligned with and informed by the City's Environmental Strategy amongst a number of other key policies.

### 7.3. Legal Implications

Nil

### 7.4. Staff Implications

Does your report impact on staff resources or result in any additional staffing resources being required?

No

Yes

## 7.5. POPIA Compliance

- It is confirmed that this report has been checked and considered for POPIA Compliance.

## 7.6 Other Services Consulted

The Concept Note and Draft Air Quality Management Plan were circulated to the Strategy and Policy Coordinating Committee Members for input.

The Stakeholder Engagement Unit's Andre Louw, has been consulted on the Public Participation Plan.

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## ANNEXURES

**Annexure A:** The proposed reviewed Air Quality Management Plan is attached as.

**Annexure B:** The proposed public participation plan is attached as.

**Annexure C:** The proposed advert to be placed in Community Newspapers.

## FOR FURTHER DETAILS CONTACT:

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<b>DIRECTORATE</b>	<i>Community Services and Health</i>
<b>FILE REF NO</b>	<i>2/3/2/2</i>

Comment:

**EXECUTIVE DIRECTOR**  
Community Services and Health

NAME            ZUKISWA MANDLANA

DATE

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**Legal Compliance**

- REPORT COMPLIANT WITH THE PROVISIONS OF COUNCIL'S DELEGATIONS, POLICIES, BY-LAWS AND ALL LEGISLATION RELATING TO THE MATTER UNDER CONSIDERATION.
- NON-COMPLIANT

NAME

COMMENT:

DATE

Certified as legally compliant based on the contents of the report.

SIGNATURE

[Signature box]