

APPENDIX 1(a)

CITY OF JOONDALUP

Minutes of the ENVIRONMENTAL AND SUSTAINABILITY ADVISORY COMMITTEE meeting held in CONFERENCE ROOM 3, JOONDALUP CIVIC CENTRE, BOAS AVENUE, JOONDALUP on THURSDAY, 15 NOVEMBER 2001 commencing at 17:50 hrs.

The chairman declared the meeting open at 18.00hrs with a quorum of 12 members present.

1. ATTENDANCES AND APOLOGIES

Attendance

<i>Cr J Hollywood</i>	Councillor, Committee Chairperson
<i>Cr M O'Brien</i>	Councillor, Deputy for Cr Nixon
<i>Mr J Goldsmith</i>	Sustainable Development Officer
<i>Mr J Kirton</i>	Manager Organisation & Strategic Development
<i>Mr D Wake</i>	Community Representative
<i>Mrs C Wood</i>	Community Representative
<i>Mr S Hawkins</i>	Community Representative, Deputy Chairperson
<i>Mr C Merry</i>	Community Representative
<i>Mr R Kurup</i>	Community Representative
<i>Mr S Magyar</i>	Community Representative
<i>Mr V Cusack</i>	Community Representative
<i>Mr W Carstairs</i>	Community Representative

<i>Mr Darryl Butcher</i>	(Guest) Manager Urban Design Services
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Apologies

<i>Cr A Nixon</i>	Councillor (Deputy, Cr O'Brien)
<i>Mr D Cluning</i>	Manager Operations Services
<i>Mrs J Richards</i>	Community Representative

Non Attendance

<i>Mr J Prefumo</i>	Community Representative
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The Chairman welcomed the newly appointed community representatives to the meeting, and the guest speaker, Mr Darryl Butcher, Manager Urban Design Services.

2. DECLARATIONS OF FINANCIAL INTEREST

Nil

3. CONFIRMATION OF MINUTES

- 3.1 Minutes of the Environmental and Sustainability Advisory Committee meeting held on 17 October 2001 (previously emailed and hardcopy distributed).**

MOVED Cr O'Brien SECONDED Mr Hawkins that the minutes of the Environmental and Sustainability Advisory Committee meeting held on 17 October 2001 be accepted as a true and accurate record, subject to the following amendments;

1. Minutes of 17 October 2001.

Item 4 (Business Outstanding) 5.1 Working group Atlas site visit (action is outstanding).

Item 5.5 There is limited environmental benefit and high economic cost associated with the Strathfield undertaking and is therefore not recommended that the City proceed with such an undertaking.

Item 5.5 Resolution be amended to read that Mr Wake investigate the proposal and report back to the committee.

Item 6.3. Amended to read that Mr Hawkins on behalf of Cr Nixon presented the report.

2. Minutes of 5 October 2001. Attendance list to indicate the attendance of Mr S Magyar, Mr V Cusack, Mr R Kurup and Mr W Carstairs as guests.

The Motion was Put and

CARRIED

4. Business Outstanding from Previous Meetings.

Committee members updated the committee regarding action items and outstanding business arising from previous committee meetings.

Committee input in Work Plan.

No input has been received from committee members on the 2002 Work Plan.

Project to Encourage Public Transport Usage-Bus Shelter.

Mr Wake provided an update on his investigations regarding funding for encouraging public transport by enhancing bus shelters within the City.

The committee discussed the extent to which bus shelters encourage usage of public transport and design features (to reduce and heat stress for patrons). The Precinct Planning process could also assist in developing bus shelter placements. Mrs Wood noted that Transport presently has issued a brochure and survey on transport issues.

Mr Wake will report back to the committee.

Cr Hollywood provided an update regarding the waste management working group and referred to recent developments with Stirling waste management. Discussion followed including the waste processing conducted by Atlas. Mr Kurup noted the need for a household recycling programme and Mr Wake referred to waste minimisation programmes such as the Earthcare programme from the Department of Environmental Protection. Mr Wake referred to a waste management and resource use workshop in early 2002. There was discussion on the establishment of a working group to address waste management issues. Mr Kirton questioned the need for a working group as Infrastructure Management is preparing a paper a report to Council on waste management issues. Additionally the Mindarie Regional Council has commissioned a major study on secondary waste issues.

MOVED Mr Magyar SECONDED Mr Hawkins that the Environmental and Sustainability Advisory Committee form a working group to investigate waste management options locally and regionally and the group comprise of Cr O'Brien Mr Kurup, Mr Magyar, Mr Wake, with technical input from Mr Peter Hoar (Manager Environmental Services) and report back to the Environmental and Sustainability Advisory Committee by January 2002.

The Motion was Put and

CARRIED

5. Business Items

5.1 Work Plan for the Environmental and Sustainability Advisory Committee

The committee Work Plan for 2002 was reviewed for adoption by the committee. It was noted that the committee can progressively amend the work plan.

MOVED Cr O'Brien SECONDED Mr Carstairs that the 2002 Workplan be:

- 1. Adopted;**
- 2. implemented in accordance with the stated schedule.**

3. reviewed by the committee on a six-monthly basis.

The Motion was Put and

CARRIED

5.2 Sustainability City Plan

Mr Goldsmith provided the committee with an update of the committee workshop held on 8 November 2001, which prepared a draft Sustainability City Plan. It was concluded that another committee workshop will be held to continue developing the action plan, at a date and time to be advised.

Mr Hawkins advised the committee of progress with the action plan section of the sustainability plan, which includes an analysis of the environmental, social and economic benefits.

The committee noted the report.

5.3 Committee Briefing; Precinct Planning (Mr Darryl Butcher)

Mr Butcher, Manager Urban Design briefed the committee regarding the Precinct Planning/Community Visioning Process.

Cr Hollywood thanked Mr Butcher for his presentation.

5.4 Local Government Managers Australia Annual State Conference

Mr Goldsmith attended the Local Government Managers Australia Annual State Conference on Thursday 25 October 2001. Two presentations included;

- Triple Bottom Line Reporting, What is it and how is it done? By Meredith Blais, Manager Strategic and Business Performance, Water Corporation.
- The Role of Local Government in a Sustainability Plan for WA. By Professor Peter Newman, Principal Policy Advisor, Department of Premier and Cabinet.

MOVED Mr Cusack SECONDED Mr Kurup that Meredith Blais, Water Corporation Manager Strategic and Business Performance be invited to the Environmental and Sustainability Advisory Committee to present the Triple Bottom Line presentation to the committee.

The Motion was Put and

CARRIED

5.5 Cities for Climate Protection Public Consultation (Mr Goldsmith).

Mr Goldsmith updated the committee regarding the Cities for Climate Protection public consultation and survey regarding the setting of Greenhouse gas targets. Approximately 70 responses have been received to date.

MOVED Mr Merry SECONDED Mrs Wood that the Environmental and Sustainability Advisory Committee notes the report.

The Motion was Put and

CARRIED

5.6 Community Representative Nomination (Mr Goldsmith).

Community representative nominations to the Environmental and Sustainability Advisory Committee closed on 17 October 2001. Two additional nominations have been received.

Mr Gary Hartnett (14 Michigan Court, Edgewater) submitted his nomination prior to the close of the nomination period, and a nomination after the closing date was received from Mr Geoff Down, (22 Lionel Court, Duncraig).

It was noted that the membership of the committee has been set at a maximum of 15 members, and that the committee presently has 15 appointed members.

MOVED Mr Merry SECONDED Mr Cusack that the Environmental and Sustainability Advisory Committee invites both nominees to the next committee meeting as guests.

The Motion was Put and

CARRIED

MOVED Mr Merry SECONDED Mr Cusack that Mr Prefumo be contacted regarding his attendance at committee meetings by 1 December 2001.

The Motion was Put and

CARRIED

6. OTHER BUSINESS

6.1 Committee Minute Taker

Cr J Hollywood noted that the committee required a minute taker to provide administrative support for the committee.

Councillor Hollywood indicated that he would raise this matter at an Elected Members Briefing session.

6.2 State Sustainability Strategy Initiative Announced by WA Premier Geoff Gallop. (Mr Goldsmith)

The Premier Dr Geoff Gallop has announced a State Government initiative to develop a sustainability strategy for Western Australia, to positively shape the long term future of the State. The strategy sets out to pursue new forms of development that do not compromise the health of our environment or society. The Sustainability Strategy will be developed in consultation with the community, and will be released for public comment mid-next year.

The announcement highlights some of the key sustainability opportunities including integrated transport, improved urban design of neighbourhoods, improved energy efficiency and waste reduction.

Major sustainability challenges faced by our community include the substantial reduction in rainfall over the past twenty years, and the impact of Global Warming which is expected to further reduce rainfall, the very high reliance on car usage and the impact of salinity on agricultural lands and biodiversity.

Further information is available on the Department of Premier and Cabinet Sustainability Policy Unit web site, at www.sustainability.dpc.wa.gov.au. The site provides a wide range of information regarding sustainability, including:

- Premier's statements
- Sustainability Strategy
- Sustainability Seminars
- Sustainability Case studies
- University partnerships
- Sustainability Policy Unit
- Information

The City of Joondalup has a significant role to play in contributing to the State's Sustainability strategy, given that the City of Joondalup represents 157,000 residents (approximately 13% of the Perth's metropolitan area population). The announcement of the State's Sustainability Strategy is very timely for the City. Presently, the City's Environmental and Sustainability Advisory Committee is preparing a Sustainability Plan for the City, in accordance with the committee's terms of reference. The City has registered its interest in providing input into the State's Sustainability plan, and has nominated Sustainable Development Officer John Goldsmith. The Environmental and Sustainability Advisory Committee will review the sustainability strategy and provide relevant advice to Council on this State Government initiative.

6.3 Air Quality and Wood Heaters (Mr Hawkins)

Mr Hawkins tabled a draft report regarding a proposal to improve local air quality, by controlling wood heaters within the City (see Attachment 1).

Detailed discussion followed regarding the role of the City in improving local air quality, and the impact of wood heaters on the community.

MOVED Mr Hawkins SECONDED Mr Goldsmith that this item be deferred pending further investigation.

The Motion was Put and

CARRIED

6.4 Volunteers Video Project. (Mr Goldsmith)

Research and Development Officer Mog Piasecka is preparing a video production featuring volunteers, and has invited interested committee members to participate. For further information, contact Mog Piasecka on 9400 4232.

6.5 Craigie Open Space

Mrs Wood sought a presentation regarding the Craigie Open Space.

MOVED Mrs Wood SECONDED Mr Carstairs that a briefing be arranged for the committee regarding the Craigie Bushland public consultation programme.

The Motion was Put and

CARRIED

6.6 Smog Signals Newsletter

Mr Wake tabled the October 2001 edition of Smog Signals Smogbusters Perth Newsletter.

7. DATE OF NEXT MEETING

The next meeting of the Environmental Advisory Committee will be held in Conference Room 2, Joondalup Civic Centre, Boas Avenue, Joondalup on Thursday 20 December 2001 at 5.45 pm.

CLOSURE

Meeting declared closed 21.15 hrs.

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Attachment 1

Introduction of a City of Joondalup Local By-Law Regulating the Installation of Domestic Wood Combustion Heaters.

*Prepared by Mr. Stuart Hawkins
Deputy Chairperson and Community Representative
Environmental and Sustainability Advisory Committee, City of Joondalup.*

For consideration by the City of Joondalup Environmental and Sustainability Advisory Committee

Background

As identified in the Perth Air Quality Management Plan (Government of Western Australia, 2000), domestic wood combustion (wood-fired heaters) is the greatest contributor to haze and particulate matter in the Perth metropolitan airshed. This air pollution is as a result of the high reliance on wood heaters during the colder months. The burning of wood fuels for domestic heating is also a significant source of greenhouse gas emissions and contributes to the process of global warming

The need for Local Governments to actively reduce air pollution sources within their municipalities is paramount. The economic, social and environmental costs of regional air pollution are directly borne by the community, and in part, by the Local Council in the provision of services (such as increased provision of health care services) that are required to combat the problem.

The problem of pollution from domestic combustion wood heaters is an issue that the City of Joondalup can actively mitigate. This document provides background information and a recommendation on how the City of Joondalup can actively mitigate the environmental, social and economic costs of air pollution through improving local air quality.

Part 1 of the Perth Air Quality Management Plan is attached for further reference.

Social, Environmental and Economic costs of Air Pollution

Research has identified a range of social and health issues associated with air pollution. The health effects are result from the inhalation of gasses and particulate matter produced from the burning of fossil fuels. Some of the health effects include:

- Respiratory disease and illness such as asthma, bronchitis and pneumonia.
- Decreased lung function
- Damage to the nerves, brain and kidneys.

The environmental impacts of air pollution have also been well documented. The impacts of air pollution affect ecological function in a range of environments including estuarine (wetland), marine and terrestrial. The economic costs of air pollution are also high, mainly through

reduced employee absenteeism (due to better health) and the increased provision of health care services to combat the associated health problems.

Domestic Heating Alternatives

Domestic wood combustion heaters represent inefficient and outdated technology. A range of modern and efficient alternatives exists.

The major alternatives to domestic wood combustion heaters are **natural gas heaters** and **electric heaters**. The benefits of these two heating options include:

- Equal or higher heating efficiency with limited heat loss (wood combustion heating has a high heat loss through the chimney), and
- Significantly reduced emissions that contribute to air pollution and greenhouse gas emissions.

Recommendation

The following recommendation aims **to implement a general phase-out of domestic wood combustion heaters for the City of Joondalup region**. This recommendation focuses on the installation of new domestic heaters in order to change community behaviour over the next 30 years (or expected lifetime of the existing domestic wood combustion heaters currently installed).

Households that currently operate wood combustion heaters will be able to continue to do so. However, households wishing to replace existing domestic wood combustion heaters will only be able to replace the heaters with natural gas or electric alternatives. New houses will only be able to install natural gas heaters or electric heaters.

It is envisaged that other municipalities within the Perth Metropolitan Region will also adopt these beneficial changes.

The Environmental and Sustainability Advisory Committee advises that Council adopt the following motion to be introduced as a Local By-law, that:

“From March 2002, it will be illegal to install or replace domestic wood combustion heaters in residential, commercial or industrial dwellings within the City of Joondalup.”

Stuart Hawkins

B.Sc. Hons. (Environmental Management)

City of Joondalup Environmental and Sustainability Advisory Committee

City of Joondalup.