

Appendix 1: NEPC Committee — Membership

MEMBER

ALTERNATE

Commonwealth

Mr David Borthwick
Secretary
Department of Environment and Heritage

Ms Anthea Tinney
Deputy Secretary
Department of Environment and Heritage

New South Wales

Ms Lisa Corbyn
Director-General
Department of Environment and Conservation

Ms Sally Barnes
Executive Director
Office of Director-General
Department of Environment and Conservation

Victoria

Mr Mick Bourke
Chairman
Environment Protection Authority

Mr Chris Bell
Director
Water and National Relations
Environment Protection Authority

Queensland

Mr James Purtill
Director-General
Environmental Protection Agency

Ms Nancy Esler (to 9/8/05)
Director (Clean Environment Policy)
Environmental Protection Agency
Ms Clare O'Connor (from 9/8/05)
Executive Director (Policy Division)
Environmental Protection Agency

Western Australia

Mr Derek Carew-Hopkins
A/Chief Executive Officer
Department of Environment

Mr Robert Atkins
Director Environmental Management Division
Department of Environment

South Australia

Dr Paul Vogel
Chief Executive
Environment Protection Authority

Mr Tony Circelli
Manager
Office of the Chief Executive
Environment Protection Authority

Tasmania

Mr Warren Jones
Director of Environmental Management
Department of Primary Industries,
Water and Environment

Australian Capital Territory

Mr Darro Stinson (to 24/2/06)
Director
Environment Protection and Heritage

Mr Robert Neil (from 24/2/06)
Director
Environment Protection and Heritage

Dr Maxine Cooper
Executive Director
Arts, Heritage and Environment

MEMBER

ALTERNATE

Northern Territory

Ms Lyn Allen (to 22/8/05)
Executive Director Environment and Heritage
Department of Infrastructure, Planning
and Environment

Mr David Ritchie (from 22/8/05)
Chief Executive
Department of Natural Resources, Environment
and the Arts

Ms Lyn Allen (from 22/8/05)
Executive Director Environment and Heritage
Department of Natural Resources, Environment
and the Arts

NEPC Service Corporation

Dr Bruce Kennedy
Executive Officer

Observer

Mr John Pritchard
National Policy Coordinator
Australian Local Government Association

Jurisdictional Reference Network

| | |
|-------------------------------|------------------------------|
| Ms Kim Barry | Queensland |
| Ms Sara Broomhall | Commonwealth |
| Ms Liz Canning | Tasmania |
| Mrs Sharon Clark | Western Australia |
| Mr Matthew Hart/Mr Elvin Wong | New South Wales |
| Mr Mark Heckenberg | Australian Capital Territory |
| Ms Jean Meaklin | Victoria |
| Mr Michael Lawton | Northern Territory |
| Mr Wil van Deur | South Australia |

Diesel NEPM — Review**Chair**

| | |
|-----------------------------------|--------------|
| Ms Lynden Ayliffe/Mr Michael Ward | Commonwealth |
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Review Team

| | |
|----------------------|---|
| Mr Bruce Dowdell | New South Wales Roads and Traffic Authority |
| Mr James Forrest | Western Australia Department for the Environment and Conservation |
| Mr Kristian Handberg | Victoria Environment Protection Authority |
| Mr Kerry Lack | New South Wales Department of Environment and Conservation |
| Mr Jon Real | Commonwealth Department of Transport and Regional Services |
| Mr Steve Sanderson | Northern Territory Department of Planning and Infrastructure |
| Mr Neil Wong | National Transport Commission |

Project Manager

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| Ms Kerry Scott | NEPC Service Corporation |
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Project Officer

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| Mr Haemish Middleton | NEPC Service Corporation |
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National Pollutant Inventory NEPM — Variation**Chair**

| | |
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| Ms Anthea Tinney | Commonwealth |
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Review Team

| | |
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| Dr Niall Doran/Ms Lynne Powell | Tasmania |
| Mr Geoff Latimer | Victoria |
| Ms Debbie Lawrence/Ms Sarah Thomas | Commonwealth |
| Dr Greg Storrier | New South Wales |
| Mr Peter Thorning | Queensland |
| Mr Ross Yarwood | Western Australia |

Technical Advisory Panel**Chair**

| | |
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| Dr John Chapman | NSW Department of Environment and Conservation |
| Dr Peter Glazebrook | Rio Tinto Technical Services |
| Mr John Hogan | formerly EPA Victoria |

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| Dr Michael Howes | Griffith University |
| Dr Peter Nadebaum | GHD |
| Prof Ian Rae | University of Melbourne |
| Dr Neill Stacey | Southern Cross Pharma Pty Ltd |
| Dr Michael Warne | CSIRO Centre for Environmental Contaminants Research |
| Assoc. Prof Chris Winder | University of New South Wales |

Jurisdictional Reference Network

| | |
|-------------------|------------------------------|
| Ms Juanita Croft | Northern Territory |
| Mr Serghei DeBray | Australian Capital Territory |
| Ms Anne Ellson | South Australia |
| Mr Mark Gifford | New South Wales |
| Mr Greg Mueller | Western Australia |
| Ms Louisa Perrin | Victoria |
| Ms Lynne Powell | Tasmania |
| Mr Sean Sullivan | Commonwealth |
| Ms Megan Surawski | Queensland |

Non-Government Organisation Advisory Group

| | |
|-----------------------------|---|
| Mr Kelsey Bawden | Australian Consumers' Association |
| Mr Lee Bell | National Environment Consultative Forum |
| Mr Simon Bennison | National Aquaculture Council |
| Mr Ian Bridge | Environment Institute of Australia and New Zealand |
| Mr John Craven | National Environment Consultative Forum |
| Mr John Daley | Australian Industry Greenhouse Network |
| Ms Di Dibley | Australian Industry Group |
| Mr Peter Donlon | Water Services Association of Australia |
| Mr Cormac Farrell | Australian Minerals Council |
| Mr Craig Heidrich | Ash Development Association of Australia |
| Mr Michael Ison | Australian Aluminium Council |
| Mr Peter Johnson | Australian Chamber of Commerce and Industry |
| Mr Tony Kanak | Waste Management Association of Australia |
| Mr John Lawson | Australian Council of Recyclers |
| Mr Mark McCallum | Australian Petroleum Production and Exploration Association |
| Mr Stuart Ritchie | Cement Industry Federation |
| Mr Carlos Santin | Plastics and Chemicals Industry Association |
| Dr Harry Schaap | National Generators Forum |
| Dr Bro Sheffield-Brotherton | National Environment Consultative Forum |
| Ms Fiona Wain | Environment Business Australia |

Project Manager

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| Mr Ian Newbery | NEPC Service Corporation |
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Project Officer

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| Ms Monina Gilbey | NEPC Service Corporation |
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Product Stewardship NEPM

Chair

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| Ms Lisa Corbyn | New South Wales |
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Project Team

| | |
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| Dr Paul Bainton/Mr Michael Bissell | Commonwealth |
| Ms Claire Curry | Victoria |
| Mr Rob Middlin | South Australia |
| Dr John Ottaway | Western Australia |
| Mr Alex Young | New South Wales |

Jurisdictional Reference Network

| | |
|---------------------|------------------------------|
| Mr Michael Bissell | Commonwealth |
| Ms Nicole Buchanski | Queensland |
| Mr Darryl Cook | Tasmania |
| Mr Serghei DeBray | Australian Capital Territory |
| Mr Nigel Green | Northern Territory |
| Ms Jill Lethlean | Western Australia |
| Mr Wayne Robins | Victoria |
| Mr Tom Whitworth | South Australia |
| Mr Alex Young | New South Wales |

Project Manager

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| Mr Ian Newbery | NEPC Service Corporation |
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Project Officer

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| Ms Monina Gilbey | NEPC Service Corporation |
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NEPC Act — Review and EPHC Strategic Plan 2006–2008**EPHSC Strategic Planning Committee (Review Steering Committee)****Chair**

| | |
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| Ms Anthea Tinney | Commonwealth |
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Review Team

| | |
|------------------------------|--------------------------|
| Ms Sally Barnes | New South Wales |
| Mr Mick Bourke/Mr Chris Bell | Victoria |
| Ms Nancy Esler | Queensland |
| Dr Bruce Kennedy | NEPC Service Corporation |

Support Staff

| | |
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| Ms Mary Harwood/Dr Anne Cawsey | Commonwealth |
| Mr Ian Newbery | NEPC Service Corporation |

PM_{2.5} Equivalence Program**Chair**

| | |
|---------------|----------|
| Mr Chris Bell | Victoria |
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Members

| | |
|-------------------------------|-------------------|
| Mr Trevor Bardsley | Victoria |
| Ms Emma Clark/Mr Rob Mitchell | South Australia |
| Dr Lyn Denison | Victoria |
| Mr Chris Eiser | New South Wales |
| Dr Michael Groth | Tasmania |
| Mr Robert Kleinfelder | Western Australia |

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| Dr Mike Manton | Peer Review Committee |
| Mr David Power | Australian Capital Territory |
| Mr David Wainwright | Queensland |

Project Manager

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| Ms Kerry Scott | NEPC Service Corporation |
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Project Officer

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| Mr Haemish Middleton | NEPC Service Corporation |
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Expansion of the Multi-City and Morbidity Study Steering Committee**Chair**

| | |
|---------------|-----------------|
| Dr Paul Vogel | South Australia |
|---------------|-----------------|

Members

| | |
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| Ms Lynden Ayliffe | Commonwealth |
| Mr Chris Bell | Victoria |
| Ms Sue Powell | New Zealand |
| Mrs Stella Whittaker | New South Wales |

Project Manager

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| Mr Ian Newbery | NEPC Service Corporation |
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Peer Review Committee**Chair**

| | |
|----------------|-----------------------|
| Dr Mike Manton | Bureau of Meteorology |
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Executive Officer

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| Mr Haemish Middleton | NEPC Service Corporation |
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Members

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| Dr Bro Sheffield–Brotherton | National Environment Consultative Forum |
| Mr Chris Eiser | New South Wales |
| Mr Matthew Kinch | Northern Territory |
| Mr Adrian Heggie | Australian Institute of Petroleum |
| Dr Nigel Holmes | Minerals Council Australia |
| Mr Bob Joynt | Victoria |
| Mr Robert Kleinfelder | Western Australia |
| Dr Graeme Lorimer | National Environment Consultative Forum |
| Mr David Power | Australian Capital Territory |
| Mr Kelvyn Steer | Tasmania |
| Mr David Wainwright | Queensland |
| Mr Rob Mitchell | South Australia |

NEPM Implementation Reporting Working Group**Members**

| | |
|--------------------|-----------------|
| Ms Fiona Conolly | Commonwealth |
| Ms Carolyn Ferrier | Tasmania |
| Ms Sally McInnes | South Australia |
| Ms Megan Surawski | Queensland |

Project Officers

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| Mr Scott Brooks | NEPC Service Corporation |
| Ms Monina Gilbey | NEPC Service Corporation |
| Ms Susan Whitehead | NEPC Service Corporation |

Land Transport Environment Committee**Chair**

| | |
|-------------------------|-------------------------------|
| Mr Tim Eaton (2006) | National Transport Commission |
| Dr Bruce Kennedy (2005) | NEPC Service Corporation |

Members

| | |
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| Mr Chris Bell | Victoria |
| Mr Paul Forward | Roads and Traffic Authority NSW |
| Mr Dan Hunt | Queensland Transport |
| Dr Anthony Ockwell/Mr Stewart Jones | Department of Transport and Regional Services |
| Ms Anthea Tinney | Commonwealth |
| Dr Paul Vogel | South Australia |

Project Officer

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| Mr Haemish Middleton | NEPC Service Corporation |
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NEPC, NHMRC and enHealth Liaison Group**NEPC representatives**

| | |
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| Ms Lynden Ayliffe | Commonwealth |
| Mr Chris Bell | Victoria |
| Dr Bruce Kennedy (Observer) | NEPC Service Corporation |
| Dr Paul Vogel | South Australia |

Project Officer

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| Ms Monina Gilbey | NEPC Service Corporation |
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ENVIRONMENT PROTECTION AND HERITAGE COUNCIL

Working Group members are officers nominated by EPHC member agencies unless indicated otherwise.

Chemicals Working Group**Chair**

| | |
|----------------|-----------------|
| Ms Lisa Corbyn | New South Wales |
|----------------|-----------------|

Members

| | |
|-------------------|-------------------|
| Ms Kay Baxter | New Zealand |
| Dr John Cugley | South Australia |
| Ms Janet Dawson | New South Wales |
| Mr Peter Dolan | South Australia |
| Mr Lee Eeles | Commonwealth |
| Ms Christina Hill | Victoria |
| Mr Philip Hine | Western Australia |
| Mr Fiaz Khan | Queensland |

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| Mr Michael Lawton | Northern Territory |
| Ms Elizabeth Moore | New South Wales |
| Ms Lisa Nardi | New South Wales |
| Mr David Power | Commonwealth |
| Dr Barry Reville | Commonwealth |
| Mr Mark Stanborough | Tasmania |
| Ms Stella Whittaker | New South Wales |

Project Manager

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| Ms Kerry Scott | NEPC Service Corporation |
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Project Officer

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| Ms Monina Gilbey | NEPC Service Corporation |
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Waste Working Group**Chair**

| | |
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| Mr Bruce Dawson | Victoria |
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Members

| | |
|---|------------------------------|
| Ms Lynden Ayliffe | Commonwealth |
| Mr Darryl Cook | Tasmania |
| Mr Nigel Green/ Mr Michael Lawton | Northern Territory |
| Ms Roz Hall | New South Wales |
| Mr Michael Kerr | Western Australia |
| Mr Graham Mannall/ Ms Margaret Nicholson | Australian Capital Territory |
| Mr Tim Powe/Ms Kylie Hughes | Queensland |
| Mr Tom Whitworth | South Australia |

Project Manager

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| Mr Ian Newbery | NEPC Service Corporation |
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Project Officer

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| Ms Monina Gilbey | NEPC Service Corporation |
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Waste Tyres Subgroup**Chair**

| | |
|-----------------|--------------|
| Mr Paul Bainton | Commonwealth |
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Members

| | |
|--------------------|-----------------|
| Mr Michael Bissell | Commonwealth |
| Ms Claire Curry | Victoria |
| Mr Alex Young | New South Wales |

Diversion of Industrial Residues Subgroup**Chair**

| | |
|------------------|--------------|
| Dr Barry Reville | Commonwealth |
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Members

| | |
|---------------------|------------------------------|
| Ms Claire Curry | Victoria |
| Mr Mark Gorta | New South Wales |
| Mr Steve Hartley | New South Wales |
| Ms Kylie Hughes | Queensland |
| Dr Bruce Kennedy | NEPC Service Corporation |
| Mr Graham Mannal | Australian Capital Territory |
| Mr David Power | Australian Capital Territory |
| Mr Steven Sergi | South Australia |
| Ms Louise Sindall | Western Australia |
| Mr Mark Stanborough | Tasmania |
| Mr Brett Struck | Northern Territory |

Project Officer

| | |
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| Ms Monina Gilbey | NEPC Service Corporation |
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Electrical Equipment Product Stewardship Subgroup**Chair**

| | |
|-------------|-----------------|
| Ms Roz Hall | New South Wales |
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Members

| | |
|-----------------|-----------------|
| Mr Paul Bainton | Commonwealth |
| Ms Claire Curry | Victoria |
| Mr Alex Young | New South Wales |

Plastic Bags Cost Benefit Analysis Steering Committee**Chair**

| | |
|-----------------|--------------|
| Mr Paul Bainton | Commonwealth |
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Review Team

| | |
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| Mr Andrew Bray | Commonwealth |
| Ms Claire Curry | Victoria |
| Ms Roz Hall | New South Wales |
| Ms Kylie Hughes | Queensland |
| Mr Vaughan Levitzke | South Australia |
| Mr Ian Newbery | NEPC Service Corporation |

Plastic Bags RIS Subgroup**Chair**

| | |
|-----------------|--------------|
| Mr Paul Bainton | Commonwealth |
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Members

| | |
|------------------------------------|-----------------|
| Mr Andrew Bray | Commonwealth |
| Ms Jenny Brown | New South Wales |
| Ms Kylie Hughes | Queensland |
| Ms Jennifer Sisson/Ms Claire Curry | Victoria |

Children’s Health and Air Pollution Study

Chair

Dr Paul Vogel South Australia

Members

Dr Lyn Denison Victoria
 Prof Bin Jalaludin University of Sydney
 Dr Guy Marks Woolcock Institute
 Prof Rod Simpson National Health and Medical Research Council
 Prof Gail Williams University of Queensland

Project Manager

Ms Kerry Scott NEPC Service Corporation

Cooperative Studies on Priority Air Quality and Health–Related Issues Working Group

Chair

Dr Paul Vogel South Australia

Members

Dr Lyn Denison Victoria
 Mr Paul Kesby Commonwealth
 Mr Nigel Routh New South Wales
 Dr Tina Runnion Western Australia
 Dr David Simon enHealth Council
 Prof Rod Simpson National Health and Medical Research Council
 Mr David Wainwright Queensland

Project Manager

Ms Kerry Scott NEPC Service Corporation

Project Officer

Mr Haemish Middleton NEPC Service Corporation

Standard Setting Working Group

Chair

Mr Chris Bell/Dr Roscoe Taylor Victoria

Members

Mr Khokan Bagchi Commonwealth
 Dr Lyn Denison Victoria
 Dr Monika Nitschke Department of Human Services, South Australia
 Dr Christine Runnion Western Australia
 Dr Shannon Rutherford enHealth
 Ms Deborah Willcocks NICNAS

Project Manager

Ms Kerry Scott NEPC Service Corporation

Project Officer

Mr Haemish Middleton NEPC Service Corporation

Air Toxics Tier 2 Working Group***Chair***

| | |
|---------------|----------|
| Mr Chris Bell | Victoria |
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Members

| | |
|---------------------------------|--|
| Mr Nick Agapides | New South Wales |
| Ms Robyn Gatehouse | Commonwealth |
| Dr Lyn Denison | Victoria |
| Mr Mark Feldwick/Mr Clive Paige | enHealth |
| Mr Graham Harvey | National Industrial Chemicals Notification and Assessment Scheme |
| Mr Rob Mitchell | South Australia |

Project Manager

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| Ms Kerry Scott | NEPC Service Corporation |
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Project Officer

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| Mr Haemish Middleton | NEPC Service Corporation |
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Appendix 3: Publications (since 1996)

NEPC GENERAL

- *Report of the review of the National Environment Protection Council Acts (Commonwealth, state and territory)* — June 2001
- *NEPC revised protocol for the development of impact statements* — July 2000
- *NEPC annual report 2004–05*
- *NEPC annual report 2003–04*
- *NEPC annual report 2002–03*
- *NEPC annual report 2001–02*
- *NEPC annual report 2000–01*
- *NEPC annual report 1999–00*
- *NEPC annual report 1998–99*
- *NEPC annual report 1997–98*
- *NEPC annual report 1996–97*
- *NEPC annual report 1995–96*
- *Scoping protocol for National Environment Protection Measures* — July 1999
- *NEPC consultation protocol (revised) (bulletin)* — May 1999
- *Introducing the National Environment Protection Council (pamphlet)* — 1997

AMBIENT AIR QUALITY (OZONE, SO₂, CO-OP STUDIES WORKING GROUP REPORTS)

- *Report on the preliminary work for the review of the ozone standard* — October 2005
- *Summary of submissions on preliminary work for the ozone standard* — October 2005
- *Preliminary work on ozone for the review of the Ambient Air Quality NEPM – Issues Paper* — May 2005
- *Ozone data analysis report* — September 2004
- *Ozone data analysis additional task report* — September 2004
- *Priority research areas* — June 2004
- *Review of the Ambient Air Quality NEPM ozone standard – Ozone Workshop 18 May 2004 – Summary of outcomes* — May 2004
- *Time activity study* — May 2004
 - *Data description report*
 - *Study I – September 2002 (summer)*
 - *Study II – February 2003 (winter)*
 - *Summary of findings*
- *Review of the practicability of a 10 minute standard for sulfur dioxide – Issues paper* — March 2004
- *Report of the review of the practicability of a 10 minute standard for sulfur dioxide* — March 2004
- *Summary of submissions received in relation to the review of the practicability of a 10 minute standard for sulfur dioxide – Issues paper* — March 2004
- *Air pollution and health: identifying research priorities for policy development* — July 2003
- *Variation to the Ambient Air Quality NEPM PM_{2.5}* — June 2003
- *Summary of submissions received in relation to the draft variation on setting PM_{2.5} standard in Australia* — June 2003
- *Technical paper on monitoring for particles as PM_{2.5}* — June 2003
- *Asthma research – A background paper* — January 2003
- *Report on Air Pollution and Asthma Workshop* — January 2003

- *Draft variation to the National Environment Protection (Ambient Air Quality) Measure for particles as PM_{2.5} and associated impact statement* — October 2002
- *Summary of submissions received in relation to the discussion paper on setting a PM_{2.5} standard in Australia* — June 2002
- *Discussion paper on setting a PM_{2.5} standard in Australia* — February 2002
- *Issues paper on the need for a PM_{2.5} standard in Australia* — June 2001
- *Issues paper on the need for a PM_{2.5} standard in Australia — Released to key stakeholders for comment* — May 2001
- *Summary of submissions received by the National Environment Protection Council in relation to the issues paper on the need for a PM_{2.5} standard in Australia and National Environment Protection Council's responses to those submissions* — May 2001
- *National Environment Protection (Ambient Air Quality) Measure* — May 2001
 - *Technical paper no 1: checklist for monitoring plans*
 - *Technical paper no 2: selection of regions*
 - *Technical paper no 3: monitoring strategy*
 - *Technical paper no 4: screening procedures*
 - *Technical paper no 5: data collection and handling*
 - *Technical paper no 6: meteorological measures*
 - *Technical paper no 7: accreditation of performance monitoring*
 - *Technical paper no 8: annual reports for Ambient Air Quality NEPM*
 - *Technical paper no 9: lead monitoring*
 - *Technical paper no 10: collection and reporting of TEOM PM₁₀ data*
- *Report of the Risk Assessment Taskforce* — October 2000
- *National Environment Protection Measure for Ambient Air Quality* — June 1998
- *Revised impact statement for Ambient air quality* — June 1998
- *Summary of submissions received by the National Environment Protection Council in relation to the draft National Environment Protection Measure and impact statement for Ambient air quality and National Environment Protection Council's responses to those submissions* — June 1998
- *Report of the Ambient Air Quality National Environment Protection Measure Monitoring Protocol Working Group* — March 1998
- *Draft National Environment Protection Measure and impact statement for ambient air quality — Released for public comment* — November 1997
- *A review on the existing health data on six air pollutants* — May 1997
- *Report on the monitoring and reporting protocols for the Ambient Air Quality National Environment Protection Measure* — April 1997
- *Report on the air quality management options* — April 1997

The EPHC website at <www.ephc.gov.au/prc> has links to jurisdictional monitoring plans of each state, territory and the Commonwealth located on their websites.

AMBIENT AIR TOXICS

- *Draft National Environment Protection (Air Toxics) Measure and associated impact statement* — May 2003
- *Towards a National Environment Protection (Ambient Air Toxics) Measure — Discussion paper* — March 2002
- *Ambient air toxics issues paper* — September 2001
- *Information bulletin on the proposed National Environment Protection (Ambient Air Toxics) Measure* — July 2001

NATIONAL POLLUTANT INVENTORY

- *Draft variation to the National Environment Protection (National Pollutant Inventory) Measure* — June 2006
- *Draft variation to the National Environment Protection (National Pollutant Inventory) Measure – Impact statement* — June 2006
- *Analysis of the financial costs of including transfers in the National Pollutant Inventory* — May 2006
- *Final report to the National Environment Protection Council – Technical Advisory Panel* — March 2006
- *Report of the Review of the National Pollutant Inventory* — July 2005
- *Report of the review of the National Environment Protection (National Pollutant Inventory) Measure* — December 2001
- *National Environment Protection (National Pollutant Inventory) Measure as varied* — June 2000
- *Summary of submissions received by the National Environment Protection Council in relation to the draft variation to the National Environment Protection (National Pollutant Inventory) Measure and impact statement and the responses of the National Environment Protection Council to those submissions* — May 2000
- *Draft variation to the National Environment Protection (National Pollutant Inventory) Measure* — December 1999
- *Impact statement for the draft variation to the National Environment Protection (National Pollutant Inventory) Measure* — December 1999
- *National Pollutant Inventory Technical Advisory Panel final report to National Environment Protection Council* — January 1999
- *National Environment Protection Measure for the National Pollutant Inventory and memorandum of understanding relating to implementation of the National Pollutant Inventory* — February 1998
- *Summary of submissions received by the National Environment Protection Council in relation to the draft National Environment Protection Measure and impact statement for the National Pollutant Inventory and the National Environment Protection Council's responses to those submissions* — February 1998
- *Draft National Environment Protection Measure and impact statement for the National Pollutant Inventory* — released for public comment June 1997
- *National Pollutant Inventory Technical Advisory Panel report to the National Environment Protection Council* — May 1997 — released for public comment — June 1997

MOVEMENT OF CONTROLLED WASTE BETWEEN STATES AND TERRITORIES

- *Variation to the National Environment Protection Measure for the movement of controlled waste between states and territories* — December 2004
- *National Environment Protection Measure for the movement of controlled waste between states and territories* — June 1998
- *Summary of submissions received by the National Environment Protection Council in relation to the draft National Environment Protection Measure and impact statement for the movement of controlled waste between states and territories* — June 1998
- *Draft National Environment Protection Measure and impact statement for the movement of controlled waste between states and territories* — January 1998

DIESEL VEHICLE EMISSIONS

- *National Environment Protection (Diesel Vehicle Emissions) Measure* — June 2001
- *Summary of submissions received by the National Environment Protection Council in relation to the draft National Environment Protection Measure and impact statement for diesel vehicle emissions* — June 2001
- *Draft National Environment Protection (Diesel Vehicle Emissions) Measure and impact statement* — February 2001

- *Diesel vehicle emissions National Environment Protection Measure — Discussion paper released to key stakeholders for comment* — November 2000
- *Information bulletin on the proposed National Environment Protection (Diesel Vehicle Emissions) Measure* — September 2000

PREPARATORY PROJECT WORK FOR THE PROPOSED NEPM FOR DIESEL VEHICLE EMISSIONS

- *In-service emissions performance: in-service certification correlation studies* — April 2001
- *In-service emissions pilot study: fault identification and effect of maintenance* — April 2001
- *In-service emissions performance — Phase 2: vehicle testing* — November 2000
- *A review of dynamometer correlations, in-service emissions and engine deterioration (CD-ROM)* — March 2000
- *The Australian diesel fleet: existing vehicle characteristics and the modelling of transport demand, vehicle populations and emissions (CD-ROM)* — November 1999
- *In-service emissions performance — Phase 1: urban drive cycle development (CD-ROM)* — March 1999

USED PACKAGING MATERIALS

- *Used Packaging Materials NEPM application thresholds* — July 2005
- *Used Packaging Materials NEPM as varied July 2005* — July 2005
- *Variation to the Used Packaging Materials NEPM* — July 2005
- *Summary of submissions received by the National Environment Protection Council in relation to the draft National Environment Protection Measure and impact statement for used packaging materials and the National Environment Protection Council's responses to those submissions* — July 2005
- *Draft variation to the Used Packaging Materials NEPM – Impact statement* — July 2005
- *Summary of submissions received in relation to the draft National Packaging Covenant and regulatory impact statement* — July 2005
- *National Packaging Covenant* — March 2005
- *National Environment Protection Measure for used packaging materials and the National Packaging Covenant* — July 1999
- *Summary of submissions received by the National Environment Protection Council in relation to the draft National Environment Protection Measure and impact statement for used packaging materials and the National Environment Protection Council's responses to those submissions* — May 1999, publicly released in July 1999
- *Draft National Environment Protection Measure and impact statement for used packaging materials* — January 1999
- *Used packaging materials National Environment Protection Measure — Discussion paper released to key stakeholders for comment* — June 1998

ASSESSMENT OF SITE CONTAMINATION

- *Review of the National Environment Protection (Assessment of Site Contamination) Measure — Summary of submissions received in relation to the issues paper for the review of the assessment of site contamination National Environment Protection Measure* — April 2006
- *Review of the Assessment of Site Contamination NEPM — Discussion paper* — April 2006
- *Review of the Assessment of Site Contamination NEPM — Issues paper* — June 2005
- *Proceedings of the Fifth National Workshop on the Assessment of Site Contamination* — January 2003

- *National Environment Protection Measure for assessment site contamination 1999 including Schedule B and the summary of submissions received by the National Environment Protection Council in relation to the draft National Environment Protection Measure and impact statement for the assessment of site contamination and the National Environment Protection Council's response to those submissions* — December 1999
- *Draft NEPM and impact statement for the assessment of site contamination* — March 1999
- *Discussion paper: towards a NEPM for the assessment of contaminated sites* — July 1998

EPHC — CHEMICALS POLICY

- *National Dioxins Program — Action plan for addressing dioxins in Australia – public consultation* — October 2005
- *National Dioxins Program — Action plan for addressing dioxins in Australia – public consultation* — July 2005
- *Organochlorine pesticides (OCPs) and polybrominated diphenyl ethers (PBDEs) in the Australian population: levels in human milk* — December 2004
- *Final report of the national ChemCollect program* — April 2004
- *Scoping paper — Towards ecologically sustainable management of chemicals in Australia* — June 2003

EPHC — INTEGRATED NATIONAL HERITAGE POLICY

- *Revolving funds for Historic Heritage: An Information Paper* — April 2005
- *Making heritage happen* — June 2004
 - *Incentives and policy tools for conserving our historic heritage*
 - *Incentives and policy tools for conserving our historic heritage — Summary of findings*
- *Going places: issues paper developing natural and cultural heritage tourism in Australia* — May 2003

EPHC — WASTE MANAGEMENT

- *Explanatory note: Cost benefit analysis: options for reducing the environmental impact of plastic shopping bags* — September 2006
- *Report from ACG: The ANRA proposal on plastic bag management: Supplementary economic analysis to the EPHC report* — June 2006
- *Report from ACG: Phasing out light-weight plastic bags; cost and benefits of alternative approaches* — May 2006
- *Report from the ANRA: Plastic carry bags — working towards continuous environmental improvement — Report to Chair EPHC* — May 2006
- *Report from the ARA: ARA code of practice for the management of plastic bags — Final report* — December 2005
- *Development of a national approach — Principles and guidance for assessing the beneficial reuse of industrial residues to land management applications* — September 2005
- *Guidelines for management of plastic bag litter at landfill sites* — June 2005
- *Guidelines for management of plastic bag litter in public places* — June 2005
- *ARA code of practice for the management of plastic bags — 2004 end of year report* — March 2005
- *Nolan ITU interim report of plastic retail carry bag use* — March 2005
- *Co-regulatory frameworks for product stewardship — An industry discussion paper* — December 2004
- *Co-regulatory frameworks for product stewardship — Analysis of submissions to discussion paper* — December 2004
- *Industry discussion paper on co-regulatory frameworks for product stewardship* — December 2004

- *ARA code of practice for the management of plastic bags — Mid-2004 interim progress report* — July 2004
- *The impacts of degradable plastic bags in Australia* — September 2003
- *Polychlorinated biphenyls management plan (revised)* — April 2003
- *National Plastic Bags Working Group report* — December 2002
- *Nolan ITU report on plastic shopping bags — Analysis on levies and environmental impacts* — December 2002
- *National Plastic Shopping Bags Working Group report to the National Packaging Covenant Council* — December 2002
- *A national approach to waste tyres — Policy discussion paper* — October 2002
- *Review of the ANZECC polychlorinated biphenyls (PCB) management plan* — September 2002

EPHC — WATER QUALITY

- *National guidelines for water recycling — Managing health and environmental risks — draft for public consultation* — October 2005
- *Keeping tabs on marine debris (brochure)* — December 2002

All publications are available for downloading from the EPHC website at www.ephc.gov.au/php/list_document_types.php.

Appendix 4: NEPM Development — How NEPMs Are Made

NATIONAL ENVIRONMENT PROTECTION MEASURES

National Environment Protection Measures (NEPMs) are broad framework-setting statutory instruments defined in NEPC legislation. They outline agreed national objectives for protecting particular aspects of the environment. NEPMs may consist of any combination of goals, standards, protocols and guidelines.

A two-thirds majority of members is required for the NEPC to make a NEPM. Implementation of NEPMs is the responsibility of each participating jurisdiction. A NEPM will take effect in participating jurisdictions once it is notified in the *Commonwealth of Australia Gazette* (although NEPMs are subject to disallowance by either House of the Commonwealth Parliament).

The NEPC legislation prescribes that NEPMs may relate to any one or more of the following (section 14 (1)):

- ambient air quality
- ambient marine, estuarine and freshwater quality
- the protection of amenity in relation to noise (but only if differences in environmental requirements relating to noise would have an adverse effect on national markets for goods and services)
- general guidelines for the assessment of site contamination
- environmental impacts associated with hazardous wastes
- the reuse and recycling of used materials.

NEPMs may also relate to motor vehicle noise and emissions and are developed by the NEPC in conjunction with the National Road Transport Commission, now known as the National Transport Commission (sections 14 (1) (g) and 14 (2)).

In making NEPMs, the NEPC must have regard to the considerations detailed in section 15 of the NEPC legislation. These considerations include:

- consistency with the Intergovernmental Agreement on the Environment
- environmental, economic and social impacts
- relevant international agreements
- any regional environmental differences.

IMPACT STATEMENTS

Prior to making a NEPM, the NEPC must prepare a draft of the NEPM and an impact statement (section 17 of the NEPC Act). The impact statement must include the following:

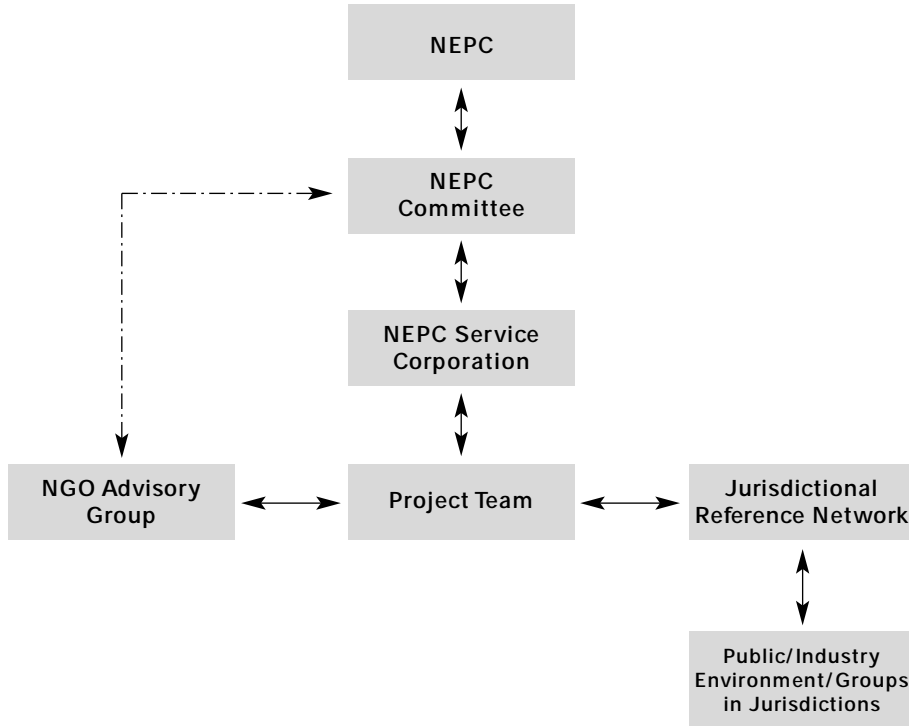
- the desired environmental outcomes
- the reason for the proposed NEPM and the environmental impact of not making the NEPM
- a statement of the alternative methods of achieving the desired environmental outcomes and the reasons why those alternatives have not been adopted
- an identification and assessment of the economic and social impact on the community (including industry) of making the proposed NEPM
- a statement of the manner in which any regional environmental differences in Australia have been addressed in the development of the proposed NEPM
- the intended date for making the proposed NEPM
- the timetable (if any) in relation to the proposed NEPM
- the transitional arrangements (if any) in relation to the proposed NEPM.

These impact statement requirements are set out in the legislation. Impact statements are developed in keeping with the requirements of the Council of Australian Governments as outlined in the *Principles and guidelines for national standard setting and regulatory action by ministerial councils and standard setting bodies*.

The NEPC legislation requires that both the draft NEPM and the impact statement are made available for public consultation for a period of at least two months. The NEPC must have regard to the impact statement and submissions received during public consultation in deciding whether to make an NEPM.

NEPM REPORTING AND CONSULTATION ARRANGEMENTS

In the development of each National Environment Protection Measure, a working structure is established as displayed in the following diagram.



The roles of these groups in NEPM development can be characterised in the following manner.

NEPC:

- initiates the development of the NEPM
- approves the release of the draft NEPM and impact statement for public consultation
- makes the NEPM.

NEPC Committee:

- appoints a NEPM Project Chair (from NEPC Committee)
- develops the proposal for the NEPM
- appoints project team experts from jurisdictions
- members are responsible for consultation in their jurisdiction.

Project Chair:

- provides policy direction for the project team
- has general oversight of the development of the draft NEPM and impact statement
- reports to the NEPC Committee on progress and issues arising during development of the draft NEPM and the impact statement.

Project team:

- develops draft NEPM and impact statement under the guidance of the Project Chair and Project Manager.

NEPC Service Corporation:

- provides Project Manager and support structures for NEPM development.

Project Manager:

- is responsible for development of a detailed NEPM proposal
- manages the project (including the project team, finances, timelines)
- acts as Executive Officer for the Non–Government Organisation Advisory Group and the Jurisdictional Reference Network
- reports to the Project Chair and the NEPC Executive Officer.

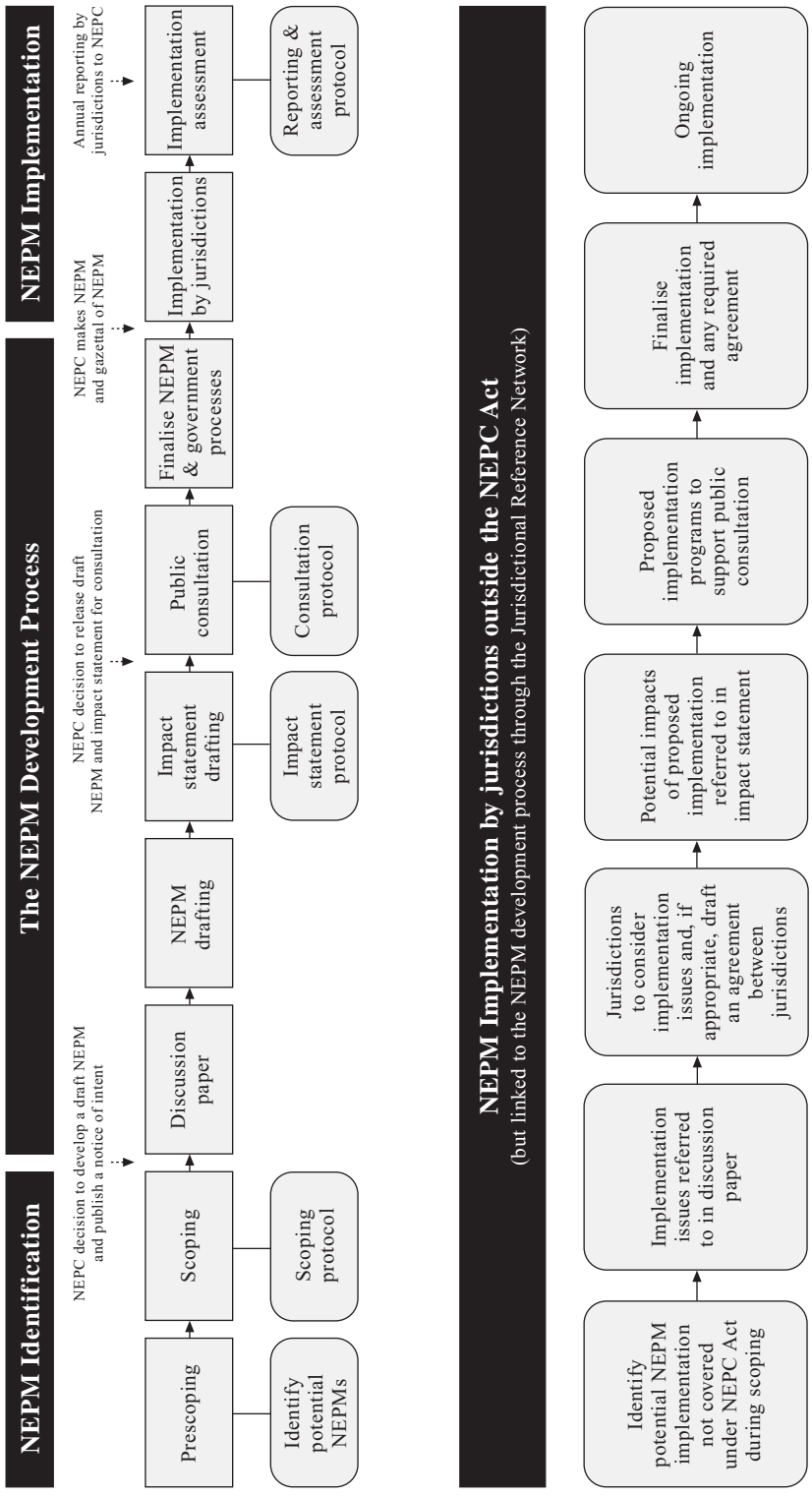
Non–government Organisation Advisory Group:

- comprises senior executives from national non–government organisations (conservation, industry and professional groups)
- is chaired by the Project Chair
- provides policy advice to the NEPC Committee through the Project Chair
- provides feedback to the project team.

Jurisdictional Reference Network:

- comprises one officer from each jurisdiction, who:
 - conducts whole-of-government consultation under the direction of the NEPC Committee member for the jurisdiction
 - may organise and/or conduct public consultation in their jurisdiction
 - provides feedback to the project team on jurisdictional issues
 - supplies appropriate data and information to project team to assist NEPM development.

Appendix 5: NEPM Development Model – Flow Chart



Appendix 7: Glossary

| | |
|----------------|--|
| ADRs | Australian Design Rules |
| AED | Aggregated Emissions Data |
| AGO | Australian Greenhouse Office |
| AHMAC | Australian Health Ministers Advisory Committee |
| AQMP | Air Quality Management Plan |
| BIEC | Beverage Industry Environment Council |
| BTEX | Benzene, toluene, ethylbenzene and xylene |
| CDL | Container Deposit Legislation |
| CLM Act | Contaminated Land Management Act |
| CLR | Contaminated Land Register |
| CNG | Compressed natural gas |
| CO | Carbon monoxide |
| CSIRO | Commonwealth Scientific and Industrial Research Organisation |
| Cwlth | Commonwealth |
| DEC | Department of Environment and Conservation |
| DEP | Department of Environmental Protection |
| DOE | Department of Environment |
| DPIWE | Department of Primary Industries, Water and Environment |
| DTUP | Department of Transport and Urban Planning |
| EET | Estimated Emission Technique |
| EMR | Environmental Management Register |
| EPA | Environment Protection Authority |
| EPHC | Environment Protection and Heritage Council |
| EPO | Environment Protection Objective |
| EPPs | Environment Protection Policies |
| ERIN | Environmental Resources Information Network |
| GIS | Global Information System |
| HDPE | High density polyethylene |
| ICP-AES | Inductively Coupled Plasma-Atomic Emission Spectroscopy |
| IRTP | Integrated Regional Transport Plan |
| IWG | Implementation Working Group |
| IWRP | Industry Waste Reduction Plan |
| JARMS | Jurisdictional Access Record Management System |
| LARRAC | Litter Abatement and Resource Recovery Advisory Committee |

| | |
|-------------------------|---|
| LCVs | Light Commercial Vehicles |
| LPG | Liquefied petroleum gas |
| MOU | Memorandum of Understanding |
| NATA | National Association of Testing Authorities |
| NEPC | National Environment Protection Council |
| NEPM | National Environment Protection Measure |
| NHMRC | National Health and Medical Research Council |
| NHVAS | National Heavy Vehicle Accreditation Scheme |
| NO₂ | Nitrogen dioxide |
| NO_x | Nitrogen oxides |
| NPI | National Pollutant Inventory |
| NRT | National Reporting Tool |
| O₃ | Ozone |
| OLR | On Line Reporting |
| OVERT | On-road vehicle emissions testing program |
| Pb | Lead |
| PCBs | Polychlorinated biphenyls |
| PM₁₀ | Refers to particles with an equivalent aerodynamic diameter less than or equal to 10 micrometres |
| PM_{2.5} | Refers to particles with an equivalent aerodynamic diameter less than or equal to 2.5 micrometres |
| ppm | Parts per million |
| PRC | Peer Review Committee |
| QA | Quality Assurance |
| QGS | Queensland Greenhouse Strategy |
| SA JRG | South Australian Jurisdictional Recycling Group |
| SEPP (AAQ) | State Environment Protection Policy (Ambient Air Quality) |
| SEPP (AQM) | State Environment Protection Policy (Air Quality Management) |
| SEQ | South-East Queensland |
| SEQRAQS | South-East Queensland Regional Air Quality Strategy |
| SO₂ | Sulfur dioxide |
| TEOM | Tapered Element Oscillating Microbalance |
| TPH | Total Petroleum Hydrocarbons |
| TSP | Total Suspended Particles |
| VicEPA | Environment Protection Authority, Victoria |
| WTBEPNs | Waste Transport Business Environment Protection Notices |