

National Pollutant Inventory

Part 1 of each report annex is generic, and so is presented once here.

PART 1 – GENERAL INFORMATION

NEPM details

Title: National Environment Protection (National Pollutant Inventory) Measure

Made by Council: 27 February 1998

Commencement date: Clauses 1 and 2 of the Measure commenced on the date of Gazettal 4 March 1998 (advertised in *Commonwealth of Australia Gazette* no. S89, 4 March 1998, p. 1) with the remaining provisions of the Measure commencing on 1 July 1998.

NEPM goal (or purpose)

The environment protection goals are established by clause 6 of this Measure as follows:

6. The national environment protection goals established by this Measure are to assist in reducing the existing and potential impacts of emissions of substances and to assist government, industry and the community in achieving the desired environmental outcomes set out in clause 5 by providing a basis for:
 - (a) the collection of a broad base of information on emissions of substances on the reporting list to air, land and water; and
 - (b) the dissemination of information collected to all sectors of the community in a useful, accessible and understandable form.

In summary, the National Pollutant Inventory NEPM provides the framework for the development and establishment of the National Pollutant Inventory (NPI) which is an Internet database designed to provide publicly available information on the types and amounts of certain chemicals being emitted to the air, land and water.

Desired environmental outcomes

The desired environmental outcomes, as set out in clause 5 of the Measure, are:

- (a) the maintenance and improvement of:
 - (i) ambient air quality; and
 - (ii) ambient marine, estuarine and fresh water quality;

- (b) the minimisation of environmental impacts associated with hazardous wastes; and
- (c) an expansion in the reuse and recycling of used materials.

Evaluation criteria

The assessment of the effectiveness of the National Environment Protection (National Pollutant Inventory) Measure is based on the following criteria.

General criteria (specified in the NEPC Implementation Reporting Protocol)

- progress in implementing the NEPM
- compliance by parties bound by the NEPM with NEPM protocols and/or other NEPM reporting requirements
- progress towards achievement of the NEPM goal, the desired environmental outcomes and any NEPM standards
- issues arising that reflect on the efficiency and simplicity of NEPM administration.

Specific criteria

Longer-term performance indicators relating to the effectiveness of the NPI have been listed in some Memoranda of Understanding between the Commonwealth and the states and territories for the years 2001–2004. They have been included to provide jurisdictions with a guide to the type of performance information that could be reported. Indicators could include:

- number of ‘hits’ on database
- number of facility reports on the database
- feedback/data from industry that indicates that the process of emission estimation and reporting from the NPI has led to increased consideration of waste minimisation and cleaner production initiatives
- feedback from users of the database on its usability and on the relevance of the information for their needs
- total number of reporters in comparison to 2001–02
- range of industry sectors reporting
- number of new reporters
- new industry sectors reporting
- any other indicator identified.

Jurisdictions should report on those specific criteria that are appropriate for their responsibilities under the NPI NEPM.

Ambient Air Quality

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PART 1 — GENERAL INFORMATION

NEPM details

Title: National Environment Protection (Ambient Air Quality) Measure

Made by Council: 26 June 1998

Commencement date: 8 July 1998
(advertised in *Commonwealth of Australia Gazette* no. GN 27, 8 July 1998, p. 2211)

NEPM goal (or purpose)

The goal of the National Environment Protection (Ambient Air Quality) Measure is set out in clause 6 of the Measure as follows:

6. National environment protection goal

The national environment protection goal of this Measure is to achieve the National Environment Protection Standards as assessed in accordance with the monitoring protocol (Part 4) within ten years from commencement to the extent specified in Schedule 2 column 5.

Desired environmental outcomes

The desired environmental outcome of the National Environment Protection (Ambient Air Quality) Measure is set out in clause 5 of the Measure as follows:

5. Desired environmental outcome

The desired environmental outcome of this Measure is ambient air quality that allows for the adequate protection of human health and well-being.

Evaluation criteria

The assessment of the effectiveness of the National Environment Protection (Ambient Air Quality) Measure is based on the following criteria.

General criteria (specified in the NEPC Implementation Reporting Protocol)

- progress in implementing the NEPM
- compliance by parties bound by the NEPM with NEPM protocols and/or other NEPM reporting requirements
- progress towards achievement of the NEPM goal, the desired environmental outcomes and any NEPM standards
- issues arising that reflect on the efficiency and simplicity of NEPM administration.

Movement of Controlled Waste between States and Territories

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PART 1 — GENERAL INFORMATION

NEPM details

Title: National Environment Protection (Movement of Controlled Waste between States and Territories) Measure

Made by Council: 26 June 1998

Commencement Date: 8 July 1998 (advertised in the *Commonwealth of Australia Gazette* no. GN 27, 8 July 1998, p. 2212)

NEPM goal (or purpose)

The desired goal for the National Environment Protection (Movement of Controlled Waste between States and Territories) Measure is set out in clause 11 of the Measure as follows:

11. The national environment protection goal of this Measure is to assist in achieving the desired environmental outcomes set out in clause 12 by providing a basis for ensuring that controlled wastes which are to be moved between states and territories are properly identified, transported, and otherwise handled in ways which are consistent with environmentally sound practices for the management of these wastes.

Desired environmental outcomes

The desired environmental outcome for the National Environment Protection (Movement of Controlled Waste between States and Territories) Measure is set out in clause 12 of the Measure as follows:

12. The desired environmental outcomes of this Measure are to minimise the potential for adverse impacts associated with the movement of controlled waste on the environment and human health.

Evaluation criteria

The assessment of the effectiveness of the National Environment Protection (Movement of Controlled Waste between States and Territories) Measure is based on the following criteria.

General criteria (specified in the NEPC Implementation Reporting Protocol)

- progress in implementing the NEPM
- compliance by parties bound by the NEPM with NEPM protocols and/or other NEPM reporting requirements
- progress toward achievement of the NEPM goal, the desired environmental outcomes and any NEPM standards
- issues arising that reflect on the efficiency and simplicity of NEPM administration.

Specific criteria

Clause 13(1) of the NEPM states that:

In order to facilitate reporting on the implementation and effectiveness of the NEPM, the relevant agency of each participating State and Territory should provide collated summary information on the:

- (i) movement of controlled waste into each jurisdiction, indicating jurisdiction of origin, waste code and quantity of waste;
- (ii) level of discrepancies (e.g. non-arrival of a consignment) as a percentage of total authorised controlled waste movements; and
- (iii) benefits arising from the implementation of the Measure.

Used Packaging Materials

PART 1 — GENERAL INFORMATION

NEPM details

Title: National Environment Protection (Used Packaging Materials) Measure

Made by Council: 2 July 1999

Commencement date: 14 July 1999
(advertised *Commonwealth of Australia Gazette* no. GN 28, 14 July 1999, p. 2114)

NEPM goal (or purpose)

The environment protection goal is established by clause 6 of this Measure as follows:

6. National environment protection goal

The goal of the Measure is to reduce environmental degradation arising from the disposal of used packaging and conserve virgin materials through the encouragement of reuse and recycling of used packaging materials by supporting and complementing the voluntary strategies in the National Packaging Covenant.

Desired environmental outcomes

The desired environmental outcomes from the combination of the National Packaging Covenant and the Measure are to optimise resource use and recovery and encourage the conservation of virgin materials.

Evaluation criteria

The assessment of the effectiveness of the National Environment Protection (Used Packaging Materials) Measure is based on the following criteria.

General criteria (specified in the NEPC Implementation Reporting Protocol):

- progress in implementing the NEPM
- compliance by parties bound by the NEPM with NEPM protocols and/or other NEPM reporting requirements
- progress toward achievement of the NEPM goal, the desired environmental outcomes and any NEPM standards
- issues arising that reflect on the efficiency and simplicity of NEPM administration.

Specific criteria

Criteria for assessment and performance measurement of implementation of the NEPM are set out in clause 21 of the NEPM which states that each participating jurisdiction shall provide to Council the following information:

- information gathered from brand owners whose records under clause 16 have been audited by the jurisdiction
- aggregated information received from local governments under clause 17
- information gathered through the conduct of surveys under clause 18
- information relating to complaints received, investigations undertaken and prosecutions mounted pursuant to the NEPM
- a statement of interpretation of the information.

Note: Clause 15(3) states that a common approach to the interpretation of data gathered pursuant to these protocols and to the terminology used with the data shall be adopted by participating jurisdictions. Furthermore, that the terminology used shall be in accordance with definitions set out in the NEPM as per clause 15(4).

Assessment of Site Contamination

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PART 1 — GENERAL INFORMATION

NEPM details

Title: National Environment Protection (Assessment of Site Contamination) Measure

Made by Council: 10 December 1999

Commencement Date: 22 December 1999 (advertised in *Commonwealth of Australia Gazette* no. GN 51, 22 December 1999, p. 4246)

NEPM goal (or purpose)

The goal of the National Environment Protection (Assessment of Site Contamination) Measure is set out in clause 5.(1) of the Measure as follows:

5.(1) National environment protection goal

The purpose of the Measure is to establish a nationally consistent approach to the assessment of site contamination to ensure sound environmental management practices by the community which includes regulators, site assessors, environmental auditors, landowners, developers and industry.

Desired environmental outcomes

The desired environmental outcome of the National Environment Protection (Assessment of Site Contamination) Measure is set out in clause 5.(2) of the Measure as follows:

5.(2) Desired environmental outcome

The desired environmental outcome for this Measure is to provide adequate protection of human health and the environment, where site contamination has occurred, through the development of an efficient and effective national approach to the assessment of site contamination.

Evaluation criteria

The assessment of the effectiveness of the National Environment Protection (Assessment of Site Contamination) Measure is based on the following criteria.

General criteria (specified in the NEPC Implementation Reporting Protocol)

- progress in implementing the NEPM
- compliance by parties bound by the NEPM with NEPM protocols and/or other NEPM reporting requirements
- progress toward achievement of the NEPM goal, the desired environmental outcomes and any NEPM standards
- issues arising that reflect on the efficiency and simplicity of NEPM administration.

Diesel Vehicle Emissions

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PART 1 — GENERAL INFORMATION

NEPM details

Title: National Environment Protection (Diesel Vehicle Emissions) Measure

Made by Council: 29 June 2001

Commencement Date: 18 July 2001
(advertised in *Commonwealth of Australia Gazette* no. GN 28, 18 July, 2001 p. 2014)

NEPM goal (or purpose)

The goal of the National Environment Protection (Diesel Vehicle Emissions) Measure is set out in clause 10 of the Measure as follows:

10. National environment protection goal
The goal of this Measure is to reduce exhaust emissions from diesel vehicles, by facilitating compliance with in-service emissions standards for diesel vehicles.

Desired environmental outcomes

The desired environmental outcome of the National Environment Protection (Diesel Vehicle Emissions) Measure is set out in clause 11 of the Measure as follows:

11. Desired environmental outcome
The desired environmental outcome of this Measure is to reduce pollution from in-service diesel vehicles.

Evaluation criteria

The assessment of the effectiveness of the National Environment Protection (Diesel Vehicle Emissions) Measure is based on the following criteria.

General criteria (specified in the NEPC Implementation Reporting Protocol)

- progress in implementing the NEPM
- compliance by parties bound by the NEPM with NEPM protocols and/or other NEPM reporting requirements

- progress toward achievement of the NEPM goal, the desired environmental outcomes and any NEPM standards
- issues arising that reflect on the efficiency and simplicity of NEPM administration.

Specific criteria

Reporting requirements set out in clause 15(1) of the NEPM are as follows:

It is intended that each participating jurisdiction submit a report to the Council on the following matters:

- (a) Assessment of the need to take action to manage emissions from the in-service diesel fleet, utilising the criteria specified in clause 13
- (b) Description of actions taken.

A brief report of all programs implemented during the reporting year to manage emissions from in-service diesel vehicles, including any programs implemented that are not covered by the guidelines in Schedule A of this Measure.

This description should take account of:

- the scope of action required to achieve the Goal and the Desired Environmental Outcome specified in this Measure; and
- any action taken and progress made to reduce emissions from in-service diesel vehicles prior to the commencement of this Measure (relevant to the first year of reporting).

- (c) Assessment of the effectiveness of any actions taken.

Participating jurisdictions must assess their progress in reducing emissions from in-service diesel vehicles identified as significant contributors to air quality problems.

This assessment should include:

- an estimation of any change in the proportion of diesel vehicles out of compliance with in-service emissions standards; and
- an estimation of the reduction in diesel vehicle emissions to ambient air.

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PART 1 — GENERAL INFORMATION

NEPM details

Title: National Environment Protection (Air Toxics) Measure

Made by Council: 3 December 2004

Commencement Date: 20 December 2004
(advertised in *Commonwealth of Australia Special Gazette* no. S 52904, 20 December 2004)

NEPM goal (or purpose)

The goal of the National Environment Protection (Air Toxics) Measure is set out in clause 5 of the Measure as follows:

5. National environment protection goal
The national environment protection goal of this Measure is to improve the information base regarding ambient air toxics within the Australian environment in order to facilitate the development of standards following a review of the Measure within eight years of its making.

Desired environmental outcomes

The desired environmental outcome of the National Environment Protection (Air Toxics) Measure is set out in clause 6 of the Measure as follows:

6. Desired environmental outcome
The desired environmental outcome of this Measure is to facilitate management of air toxics in ambient air that will allow for the equivalent protection of human health and well-being, by:
 - (1) providing for the generation of comparable, reliable information on the levels of toxic air pollutants (air toxics) at sites where significantly elevated concentrations of one or more of these air toxics are likely to occur (Stage 1 sites) and where the potential for significant population exposure to air toxics exists (Stage 2 sites),

- (2) establishing a consistent approach to the identification of such sites for use by jurisdictions,
- (3) establishing a consistent frame of reference (monitoring investigation levels) for use by jurisdictions in assessing the likely significance of levels of air toxics measured at Stage 2 sites,
- (4) adopting a nationally consistent approach to monitoring air toxics at a range of locations (e.g. near major industrial sites, major roads, areas affected by wood smoke).

Evaluation criteria

The assessment of the effectiveness of the National Environment Protection (Air Toxics) Measure is based on the following criteria.

General criteria (specified in the NEPC Implementation Reporting Protocol)

- progress in implementing the NEPM
- compliance by parties bound by the NEPM with NEPM protocols and/or other NEPM reporting requirements
- progress toward achievement of the NEPM goal, the desired environmental outcomes and any NEPM standards
- issues arising that reflect on the efficiency and simplicity of NEPM administration.