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LEGISLATION

Proclamations

New South Wales

Proclamation

under the

Health Legislation Amendment (Complaints) Act 2004 No 98

MARIE BASHIR, Governor

I, Professor Marie Bashir AC, Governor of the State of New South Wales, with the advice of the Executive Council, and in pursuance of section 2 of the *Health Legislation Amendment (Complaints) Act 2004*, do, by this my Proclamation, appoint 1 March 2005 as the day on which that Act (except Schedule 4.2 [2] and 4.3) commences.

Signed and sealed at Sydney, this 23rd day of February 2005.

By Her Excellency's Command,

L.S.

MORRIS IEMMA, M.P.,
Minister for Health

GOD SAVE THE QUEEN!

Explanatory note

The object of this Proclamation is to commence the *Health Legislation Amendment (Complaints) Act 2004*, except for an amendment to the *Health Administration Act 1982* dealing with root cause analysis teams and an amendment to the *Health Services Act 1997* dealing with requirements of chief executive officers of public health organisations to report certain conduct of visiting practitioners and employees.

New South Wales

Proclamation

under the

Health Registration Legislation Amendment Act 2004 No 99

MARIE BASHIR, Governor

I, Professor Marie Bashir AC, Governor of the State of New South Wales, with the advice of the Executive Council, and in pursuance of section 2 of the *Health Registration Legislation Amendment Act 2004*, do, by this my Proclamation, appoint 1 March 2005 as the day on which that Act commences.

Signed and sealed at Sydney, this 23rd day of February 2005.

By Her Excellency's Command,

L.S.

MORRIS IEMMA, M.P.,
Minister for Health

GOD SAVE THE QUEEN!

Regulations

New South Wales

Charitable Fundraising Amendment (Exempt Religious Organisations) Regulation 2005

under the

Charitable Fundraising Act 1991

Her Excellency the Governor, with the advice of the Executive Council, has made the following Regulation under the *Charitable Fundraising Act 1991*.

GRANT McBRIDE, M.P.,
Minister for Gaming and Racing

Explanatory note

Clause 7 of the *Charitable Fundraising Regulation 2003* prescribes those religious bodies or organisations that are exempt from the application of the *Charitable Fundraising Act 1991* (apart from section 48 which deals with remuneration of board members of charitable organisations).

The object of this Regulation is to amend clause 7:

(a) to include the New South Wales Ecumenical Council Relief Institute Incorporated, and

(b) to take account of the change of name of The Hermitage Incorporated to Rose Mountain Incorporated.

This Regulation is made under the *Charitable Fundraising Act 1991*, including sections 7 (1) (b) and 55 (the general regulation-making power).

Charitable Fundraising Amendment (Exempt Religious Organisations) Regulation 2005

under the

Charitable Fundraising Act 1991

1 Name of Regulation

This Regulation is the *Charitable Fundraising Amendment (Exempt Religious Organisations) Regulation 2005*.

2 Amendment of Charitable Fundraising Regulation 2003

The *Charitable Fundraising Regulation 2003* is amended as set out in Schedule 1.

Schedule 1 Amendments

(Clause 2)

[1] Clause 7 Religious organisations exempt from Act

Insert after clause (7) (g):

(g1) New South Wales Ecumenical Council Relief Institute Incorporated

[2] Clause 7 (i1)

Insert after clause (7) (i):

(i1) Rose Mountain Incorporated

[3] Clause 7 (k)

Omit clause (7) (k).

New South Wales

Fair Trading (General) Amendment (Soccer Goals) Regulation 2005

under the

Fair Trading Act 1987

Her Excellency the Governor, with the advice of the Executive Council, has made the following Regulation under the *Fair Trading Act 1987*.

JOHN HATZISTERGOS, M.L.C.,
Minister for Fair Trading

Explanatory note

The object of this Regulation is to amend the *Fair Trading (General) Regulation 2002* to prescribe a product safety standard for moveable soccer goals.

This Regulation is made under the *Fair Trading Act 1987*, including sections 26 and 92 (the general regulation-making power).

Fair Trading (General) Amendment (Soccer Goals) Regulation 2005

under the

Fair Trading Act 1987

1 Name of Regulation

This Regulation is the *Fair Trading (General) Amendment (Soccer Goals) Regulation 2005*.

2 Commencement

This Regulation commences on 1 March 2005.

3 Amendment of Fair Trading (General) Regulation 2002

The *Fair Trading (General) Regulation 2002* is amended as set out in Schedule 1.

Schedule 1 Amendment

(Clause 3)

Part 2 Product safety standards

Insert after Division 19:

Division 20 Moveable soccer goals

74D Definition

In this Division:

moveable soccer goal means a freestanding structure consisting of at least two upright posts, a crossbar and support bars that is designed:

(a) to be used by adults or children for the purposes of a soccer goal, and

(b) to be used without any other form of support or restraint (other than pegs, stakes or other forms of temporary anchoring device), and

(c) to be able to be moved to different locations.

Note. A soccer goal that is supported by a sleeve set in the ground is not a moveable soccer goal.

74E Safety standard

(1) The product safety standard prescribed for moveable soccer goals is that they must comply with the requirements of subclause (2).

(2) A moveable soccer goal, when set up in accordance with the manufacturer's instructions on a flat level surface without pegs, stakes or other forms of temporary anchoring device:

(a) must not fall over, or fail to return to an upright position, when subjected to a horizontal pull force of 2000 newtons to the centre of the crossbar for no less than 60 and no more than 70 seconds, and

(b) must have all exposed corners and edges rounded with a radius of no less than 3 millimetres, and

(c) must have permanently marked clearly and legibly in a conspicuous position on the crossbar or an upright post:

(i) the name or trademark of the manufacturer, retailer or importer of the moveable soccer goal, and

(ii) the words "WARNING—ALWAYS ANCHOR GOAL—NEVER CLIMB OR HANG ON CROSSBAR. Unanchored goals can tip over causing serious injury or death." with upper case letters at least 25 millimetres high and lower case letters at least 12.5 millimetres high, and

(d) if part of the structure of the moveable soccer goal joins the base of an upright post and runs along the ground (a ***ground frame***), the moveable soccer goal must not have any gap greater than 5 millimetres at the point where the ground frame joins the upright post, and no part of the ground frame must extend past the front or sides of the upright post.

74F Exceptions

This Division (other than clause 74G (d)) does not apply to a moveable soccer goal:

(a) that weighs less than 28±0.25 kilograms, when weighed with all attachments (other than pegs, stakes or other forms of temporary anchoring device) using a commercially available scale, or

(b) that is designed for indoor use only.

74G Testing of moveable soccer goals

A person who, in trade or commerce, supplies a moveable soccer goal:

(a) must hold a test report issued no more than 12 months before the supply, indicating:

(i) that the particular moveable soccer goal has been tested, and

(ii) the method used to carry out the test and the results of the test, and

(iii) that the results of the test show that the moveable soccer goal complies with the product safety standard prescribed for moveable soccer goals, and

(b) must supply a copy of the test report with the moveable soccer goal, and

(c) must, on request, make available for inspection by an investigator any such test report held by the person, and

Note. Section 18 of the Act provides for the appointment of investigators.

(d) must, if supplying a moveable soccer goal to which this Division does not apply, supply with the moveable soccer goal a certificate setting out the reasons why this Division does not apply to that moveable soccer goal.

Maximum penalty: 10 penalty units.

New South Wales

Fisheries Management Amendment Regulation 2005

under the

Fisheries Management Act 1994

Her Excellency the Governor, with the advice of the Executive Council, has made the following Regulation under the *Fisheries Management Act 1994*.

IAN MICHAEL MACDONALD, M.L.C.,
Minister for Primary Industries

Explanatory note

The objects of this Regulation are as follows:

(a) to require an additional annual contribution to be paid by commercial fishing licence holders who are authorised to fish in the sea urchin and turban shell restricted fishery,

(b) to permit transfers of shares in a share management fishery before the commencement of the management plan for the fishery only if the entire fishing business (including any shares that are a component of the fishing business) is transferred to the new shareholder,

(c) to make it clear that assignments of shares are subject to the same rules as transfers of shares in the abalone and lobster share management fisheries and that temporary transfers or assignments of shares are not permitted,

(d) to make further provision with respect to fishing in Lord Howe Island waters,

(e) to require further information to be included in records of receipt, sale and possession of fish,

(f) to make minor changes relating to the details to be displayed on fish traps,

(g) to make other minor changes by way of law revision.

This Regulation is made under the *Fisheries Management Act 1994*, including sections 23, 34T, 106, 116 and 289 (the general regulation-making power) and the sections referred to in the Regulation.

Fisheries Management Amendment Regulation 2005

under the

Fisheries Management Act 1994

1 Name of Regulation

This Regulation is the *Fisheries Management Amendment Regulation 2005*.

2 Amendment of Fisheries Management (General) Regulation 2002

The *Fisheries Management (General) Regulation 2002* is amended as set out in Schedule 1.

3 Amendment of Fisheries Management (Abalone Share Management Plan) Regulation 2000

The *Fisheries Management (Abalone Share Management Plan) Regulation 2000* is amended as set out in Schedule 2.

4 Amendment of Fisheries Management (Lobster Share Management Plan) Regulation 2000

The *Fisheries Management (Lobster Share Management Plan) Regulation 2000* is amended as set out in Schedule 3.

Schedule 1 Amendment of Fisheries Management (General) Regulation 2002

(Clause 2)

[1] Clause 3 Definitions

Insert in alphabetical order in clause 3:

fishing authority has the same meaning as in Division 4C of Part 2 of the Act.

[2] Clause 3, definition of "fishing business"

Omit the definition.

[3] Clause 8A Prohibition on certain classes of commercial fishing

Omit "and" at the end of clause 8A (a) (iv). Insert after that paragraph:

(v) the use of an otter trawl net (fish) to take fish (other than prawns) from ocean waters that are not more than 3 nautical miles from the natural coast line and are south of a line drawn due east from Barrenjoey Headland,

(vi) the taking of fish from Lord Howe Island waters by the holder of a Class 4 commercial fishing licence.

[4] Clause 59 Fish trap

Omit clause 59 (1) (a) (iv). Insert instead:

(iv) displays "FL" followed by the commercial fishing licence number of the commercial fisher who set the trap and "F" at the end of that number, in clearly visible letters and figures which are not less than 50 mm in height and are of a colour which contrasts with that of the buoy,

[5] Clause 138 Transfers and other dealings in shares—general

Omit clause 138 (1) and (2). Insert instead:

(1) For the purposes of section 71 (5) of the Act, before the commencement of the management plan for a fishery, section 71 of the Act applies to allow the transfer, assignment or transmission of the shares of a person (the ***shareholder***) in the fishery only if:

(a) all of the shares of the shareholder that are a component of the same fishing business (whether or not those shares are

shares in the same fishery) are transferred, assigned or transmitted to one person (the ***transferee***), and

(b) the transferee becomes the owner of that fishing business (and all its components).

(2) For the purposes of section 54 (3) of the Act, an acquisition of shares by a dealing that is allowed under subclause (1) is declared to be an authorised acquisition.

[6] Clause 138 (3), note

Insert ", unless the acquisition is declared by the regulations to be an authorised acquisition" after "shares in the fishery".

[7] Clause 150B

Insert after clause 150A:

150B Additional contribution for fishers in sea urchin and turban shell restricted fishery

(1) An annual contribution of $290 is payable by the holder of a commercial fishing licence who is authorised by or under the Act to take fish for sale in the sea urchin and turban shell restricted fishery.

(2) The annual contribution is payable, as provided by section 106 of the Act, towards the costs of carrying out an environmental assessment of fishing activities in the restricted fishery under Part 5 of the *Environmental Planning and Assessment Act 1979*.

(3) The contribution is payable by a person who holds a commercial fishing licence and is an entitlement holder in the restricted fishery (within the meaning of Division 1 of Part 8) or, if the entitlement holder does not hold a commercial fishing licence, by the nominated fisher of an entitlement holder.

(4) However, a contribution is not payable by the nominated fisher of an entitlement holder in respect of a period if the contribution has already been paid in respect of that period by the entitlement holder or another nominated fisher of the entitlement holder.

(5) The contribution must be paid in accordance with arrangements for payment approved by the Minister.

(6) The contribution payable under this clause is additional to any other contribution, fee or charge that is payable in relation to the licence (including the contributions referred to in clauses 150 and 150A).

[8] Clause 173 Nominated fishers

Insert "or contribution" after "fee" in clause 173 (5) (e).

[9] Clause 173 (5) (g)

Insert at the end of clause 173 (5) (f):

, or

(g) the entitlement holder has not made arrangements to the satisfaction of the Director-General to reimburse the nominated fisher for any liability for a contribution referred to in clause 150B (Additional contribution for fishers in sea urchin and turban shell restricted fishery).

[10] Clause 174 Endorsement of commercial fishing licences

Insert "or contribution" after "fee" in clause 174 (2) (e).

[11] Clause 176 Application for endorsement for further period

Insert "or contribution" after "fee" in clause 176 (4) (g).

[12] Clause 178 Suspension and cancellation of endorsements

Insert "or contribution" after "fee" in clause 178 (e).

[13] Clause 199 Definitions

Insert ", but does not include Lord Howe Island waters" after "March 2004)" in the definition of ***ocean trap and line fishery***.

[14] Clause 199 (2)

Insert at the end of the clause:

(2) In this Division, ***ocean waters*** does not include Lord Howe Island waters.

[15] Clause 292 Information to be included in records of sale and possession of fish

Insert after clause 292 (1) (h):

(i) if the fish were taken by a commercial fisher under a fishing authority that is a component of a fishing business, the number allocated to the fishing business by the Director-General under the Act,

(j) if the fish were taken by a commercial fisher using a licensed commercial fishing boat, the licence number of the boat.

[16] Clause 292 (2) (i) and (j)

Insert after clause 292 (2) (h):

(i) if the fish were taken by a commercial fisher under a fishing authority that is a component of a fishing business, the number allocated to the fishing business by the Director-General under the Act,

(j) if the fish were taken by a commercial fisher using a licensed commercial fishing boat, the licence number of the boat.

[17] Clause 293 Records and reports by registered fish receivers

Insert after clause 293 (1) (c):

(ca) if the fish were received from a commercial fisher who took the fish under a fishing authority that is a component of a fishing business, the number allocated to the fishing business by the Director-General under the Act,

(cb) if the fish were received from a commercial fisher who took the fish using a licensed commercial fishing boat, the licence number of the boat,

[18] Clause 293 (2) (ca) and (cb)

Insert after clause 293 (2) (c):

(ca) if the fish were received from a commercial fisher who took the fish under a fishing authority that is a component of a fishing business, the number allocated to the fishing business by the Director-General under the Act,

(cb) if the fish were received from a commercial fisher who took the fish using a licensed commercial fishing boat, the licence number of the boat,

Schedule 2 Amendment of Fisheries Management (Abalone Share Management Plan) Regulation 2000

(Clause 3)

[1] Appendix, Clause 2 Definitions

Insert at the end of the clause:

(2) In this Plan, a reference to a transfer of a share includes a reference to an assignment of a share.

[2] Appendix, Clause 7 Dealings in shares—general

Omit clause 7 (1). Insert instead:

(1) Shares in the fishery may be transferred, transmitted or mortgaged only as provided by the following:

(a) a shareholder may transfer, transmit or mortgage a package of shares or any number of packages of shares, or such other number of shares as may be approved by the Minister, to one person,

(b) a shareholder may transfer, transmit or mortgage all shares held by the shareholder to one person.

(1A) A transfer of a share is not permitted unless the transfer is permanent.

[3] Appendix, Clause 7, note

Omit "assigning,".

[4] Appendix, Clause 8 Special provisions relating to transfers

Omit "or assigned", "or assignment", "assignment or" and "or assign" wherever occurring.

[5] Appendix, Clause 9 Registration of share transactions

Omit ", assigning" from clause 9 (2) (a).

Schedule 3 Amendment of Fisheries Management (Lobster Share Management Plan) Regulation 2000

(Clause 4)

[1] Appendix, Clause 2 Definitions

Insert at the end of the clause:

(2) In this Plan, a reference to a transfer of a share includes a reference to an assignment of a share.

[2] Appendix, Clause 5 Minimum shareholding

Omit "or assigns" wherever occurring in clause 5 (3) and the note to the clause.

[3] Appendix, Clause 7 Dealings in shares—general

Omit clause 7 (1)–(3). Insert instead:

(1) Shares in the fishery may be transferred, transmitted or mortgaged only as provided by the following:

(a) a shareholder may transfer, transmit or mortgage a package of shares or any number of packages of shares, or such other number of shares as may be approved by the Minister, to one person,

(b) a shareholder may transfer, transmit or mortgage all shares held by the shareholder to one person.

(2) A transfer of a share is not permitted unless the transfer is permanent.

[4] Appendix, Clause 7, note

Omit "assigning,".

[5] Appendix, Clause 8 Special provisions relating to transfers

Omit "or assigned", "or assignment", "assignment or" and "or assign" wherever occurring.

[6] Appendix, Clause 9 Fee for registration of share transactions

Omit ", assigning" from clause 9 (2) (a).

New South Wales

Public Authorities (Financial Arrangements) Amendment (SAS Trustee Corporation) Regulation 2005

under the

Public Authorities (Financial Arrangements) Act 1987

Her Excellency the Governor, with the advice of the Executive Council, has made the following Regulation under the *Public Authorities (Financial Arrangements) Act 1987*.

ANDREW REFSHAUGE, M.P.,
Treasurer

Explanatory note

The object of this Regulation is to amend the *Public Authorities (Financial Arrangements) Regulation 2000* to exclude the SAS Trustee Corporation from the operation of section 25 of the *Public Authorities (Financial Arrangements) Act 1987*. That section provides for the engagement of approved funds managers.

This Regulation is made under the *Public Authorities (Financial Arrangements) Act 1987*, including the definition of ***authority*** in section 3 (1) and section 43 (the general regulation-making power).

Public Authorities (Financial Arrangements) Amendment (SAS Trustee Corporation) Regulation 2005

under the

Public Authorities (Financial Arrangements) Act 1987

1 Name of Regulation

This Regulation is the *Public Authorities (Financial Arrangements) Amendment (SAS Trustee Corporation) Regulation 2005*.

2 Amendment of Public Authorities (Financial Arrangements) Regulation 2000

The *Public Authorities (Financial Arrangements) Regulation 2000* is amended by inserting after clause 57A (2F):

(2G) The SAS Trustee Corporation is prescribed as not being within the definition of ***authority*** in section 3 (1) of the Act for the purposes of section 25 of the Act.

By-laws

New South Wales

Crown Lands (General Reserves) Amendment (Power Boating) By-law 2005

under the

Crown Lands Act 1989

Her Excellency the Governor, with the advice of the Executive Council, has made the following By-law under the *Crown Lands Act 1989*.

ANTHONY BERNARD KELLY, M.L.C.,
Minister for Lands

Explanatory note

The objects of this By-law are:

(a) to amend clause 23 of the *Crown Lands (General Reserves) By-law 2001* to allow the prohibition of power boating in a reserve, and

(b) to add Boobera Lagoon Reserve to the list of reserves regulated by the *Crown Lands (General Reserves) By-law 2001*.

This By-law is made under the *Crown Lands Act 1989*, including section 128 (the general power to make by-laws).

Crown Lands (General Reserves) Amendment (Power Boating) By-law 2005

under the

Crown Lands Act 1989

1 Name of By-law

This By-law is the *Crown Lands (General Reserves) Amendment (Power Boating) By-law 2005*.

2 Amendment of Crown Lands (General Reserves) By-law 2001

The *Crown Lands (General Reserves) By-law 2001* is amended as set out in Schedule 1.

Schedule 1 Amendments

(Clause 2)

[1] Clause 23 Regulation of conduct in reserve

Insert after clause 23 (2) (ff):

(gg) power boating.

[2] Schedule 1 Reserves to which this By-law applies

Insert in appropriate order in Columns 1–4 of Part 1:

Boggabilla	Boobera Lagoon Reserve	R.1009930 for environmental protection, heritage purposes and public recreation (notified 12 March 2004)	Boobera Lagoon Reserve Trust

OFFICIAL NOTICES

Appointments

C B ALEXANDER FOUNDATION INCORPORATION ACT 1969

Appointment of Members and Chairman to the C B Alexander Foundation

I, IAN MACDONALD, M.L.C., NSW Minister for Primary Industries, in accordance with the C B Alexander Foundation Incorporation Act 1969, hereby appoint:

(1) Mr Barry Desmond BUFFIER and the Hon. John Charles PRICE, M.P., as a members of the C B Alexander Foundation (the Foundation), pursuant to section 3(4) of the Act, and

(2) Mr Barry Desmond BUFFIER as Chairman of the Foundation pursuant to section 3(3) of the Act,

for terms of office commencing on the date hereof and expiring on 1 February 2012.

Dated this 4th day of February 2005.

IAN MACDONALD, M.L.C.,
NSW Minister for Primary Industries

Department of Infrastructure, Planning and Natural Resources

Infrastructure and Planning

New South Wales

Ballina Local Environmental Plan 1987 (Amendment No 94)

under the

Environmental Planning and Assessment Act 1979

I, the Minister Assisting the Minister for Infrastructure and Planning (Planning Administration), make the following local environmental plan under the *Environmental Planning and Assessment Act 1979*. (GRA6322552/PC)

DIANE BEAMER, M.P.,
Minister Assisting the Minister for Infrastructure
and Planning (Planning Administration)

Ballina Local Environmental Plan 1987 (Amendment No 94)

under the

Environmental Planning and Assessment Act 1979

1 Name of plan

This plan is *Ballina Local Environmental Plan 1987 (Amendment No 94)*.

2 Aims of plan

This plan aims:

(a) to rezone the land to which this plan applies to the Zone No 2 (b) Village Area Zone under *Ballina Local Environmental Plan 1987* (***the 1987 plan***) to enable development for residential purposes, and

(b) to include a dwelling-house (known as *Laurel Hill*) situated on part of the land to which this plan applies as an item of environmental heritage in Schedule 1 to the 1987 plan to recognise the historical and architectural significance of the building.

3 Land to which plan applies

This plan applies to land fronting Smiths Lane, Wollongbar, as shown by distinctive colouring and lettered "2 (b)" on the map marked "Ballina Local Environmental Plan 1987 (Amendment No 94)" deposited in the office of the Ballina Shire Council.

4 Amendment of Ballina Local Environmental Plan 1987

Ballina Local Environmental Plan 1987 is amended as set out in Schedule 1.

Schedule 1 Amendments

(Clause 4)

[1] Clause 5 Interpretation

Insert in appropriate order in the definition of ***the map*** in clause 5 (1):

Ballina Local Environmental Plan 1987 (Amendment No 94)

[2] Schedule 1

Insert in appropriate order:

48	Dwelling-house known as *Laurel Hill* on proposed Lot 1 in a plan of subdivision of Lot 1, DP 305806, Smiths Lane, Wollongbar.

New South Wales

Blacktown Local Environmental Plan 1988 (Amendment No 203)

under the

Environmental Planning and Assessment Act 1979

I, the Minister Assisting the Minister for Infrastructure and Planning (Planning Administration), make the following local environmental plan under the *Environmental Planning and Assessment Act 1979*. (P04/00285/S69)

DIANE BEAMER, M.P.,
Minister Assisting the Minister for Infrastructure
and Planning (Planning Administration)

Blacktown Local Environmental Plan 1988 (Amendment No 203)

under the

Environmental Planning and Assessment Act 1979

1 Name of plan

This plan is *Blacktown Local Environmental Plan 1988 (Amendment No 203)*.

2 Aims of plan

This plan aims to rezone the land to which this plan applies from Zone No 6 (b) (the Private Recreation Zone) to Zone No 2 (a) (the Residential "A" Zone) under *Blacktown Local Environmental Plan 1988*.

3 Land to which plan applies

This plan applies to Lot 81, DP 873354, Chilton Avenue, Oakhurst, as shown edged heavy black and lettered "2 (a)" on the map marked "Blacktown Local Environmental Plan 1988 (Amendment No 203)" deposited in the office of the Council of the City of Blacktown.

4 Amendment of Blacktown Local Environmental Plan 1988

Blacktown Local Environmental Plan 1988 is amended by inserting in appropriate order in the definition of ***the map*** in clause 6 (1) the following words:

Blacktown Local Environmental Plan 1988 (Amendment No 203)

New South Wales

Byron Local Environmental Plan 1988 (Amendment No 105)

under the

Environmental Planning and Assessment Act 1979

I, the Minister Assisting the Minister for Infrastructure and Planning (Planning Administration), make the following local environmental plan under the *Environmental Planning and Assessment Act 1979*. (G97/00227/PC)

DIANE BEAMER, M.P.,
Minister Assisting the Minister for Infrastructure
and Planning (Planning Administration)

Byron Local Environmental Plan 1988 (Amendment No 105)

under the

Environmental Planning and Assessment Act 1979

1 Name of plan

This plan is *Byron Local Environmental Plan 1988 (Amendment No 105)*.

2 Aims of plan

The aims of this plan are to:

(a) allow, with the consent of the council, the subdivision under the *Community Land Development Act 1989* of the land to which this plan applies, and

(b) allow, with the consent of the council, the erection of dwellings on the rural residential allotments created under that subdivision and the erection of common buildings and facilities on the neighbourhood property, and

(c) rezone part of the land to which this plan applies as Zone No 7 (k) (Habitat Zone), and

(d) designate the road works that are to be completed as part of the development proposal.

3 Land to which plan applies

This plan applies to Lot 2, DP 1005689, Coorabell Road, Coorabell, in the local government area of Byron, as shown edged heavy black on the map marked "Byron Local Environmental Plan 1988 (Amendment No 105)" deposited in the office of Byron Shire Council.

4 Amendment of Byron Local Environmental Plan 1988

Byron Local Environmental Plan 1988 is amended as set out in Schedule 1.

Schedule 1 Amendments

(Clause 4)

[1] Schedule 8 Land referred to in clause 29

Insert after item 47:

48 Lot 2, DP 1005689, Coorabell Road, Coorabell, in the local government area of Byron as shown edged heavy black on the map marked "Byron Local Environmental Plan 1988 (Amendment No 105)", for the purpose of a community title (village catchment) settlement that complies with the provisions of section 6.3 of the *Byron Rural Settlement Strategy 1998* adopted by the council, as in force at the commencement of *Byron Local Environmental Plan 1988 (Amendment No 105)*, but only if:

(a) the council is satisfied that:

(i) the land is to be subdivided under the *Community Land Development Act 1989* to create a neighbourhood scheme that includes no more than 13 neighbourhood lots and one lot that is neighbourhood property, and

(ii) no more than one dwelling is to be erected on each of the neighbourhood lots, and

(iii) no part of the property is to be developed for the purpose of holiday cabins or tourist facilities, and

(iv) use and development of the land is in accordance with a neighbourhood management statement that includes provision for environmental management and enhancement, and

(b) the following infrastructure and matters necessary and incidental to the provision of that infrastructure are provided without any cost to the council:

(i) new access to the land, including appropriate slip lanes and bus bays, in a manner that complies with the standards set by the council,

(ii) widening of the pavement at the frontage of the land alongside Coorabell Road in a manner that complies with the standards set by the council,

(iii) widening of the pavement and culvert along Coorabell Road at the bend south of Keyes Bridge in a manner that complies with the standards set by the council,

(iv) widening of the pavement at the bend south of the travelling stock reserve south of Keyes Bridge in a manner that complies with the standards set by the council,

(v) culvert and bend widening of Coorabell Road 200 metres from the Binna Burra Road intersection in a manner that complies with the standards set by the council,

(vi) 230 metres of paved footway in Federal village connecting the preschool to the shop and park, and

(c) the cost of any survey or resumption required to correct any existing deviation of Coorabell Road along the frontage of the land is borne by the applicant.

[2] Dictionary

Insert in appropriate order in the definition of ***the map***:

Byron Local Environmental Plan 1988 (Amendment No 105)

New South Wales

Ku-ring-gai (Heritage Conservation) Local Environmental Plan No 26

under the

Environmental Planning and Assessment Act 1979

I, the Minister Assisting the Minister for Infrastructure and Planning (Planning Administration), make the following local environmental plan under the *Environmental Planning and Assessment Act 1979*. (S02/00574/S69)

DIANE BEAMER, M.P.,
Minister Assisting the Minister for Infrastructure
and Planning (Planning Administration)

Ku-ring-gai (Heritage Conservation) Local Environmental Plan No 26

under the

Environmental Planning and Assessment Act 1979

1 Name of plan

This plan is *Ku-ring-gai (Heritage Conservation) Local Environmental Plan No 26*.

2 Aims of plan

This plan aims to amend the *Ku-ring-gai Planning Scheme Ordinance* by adding to, removing from and amending Schedule 7 (Heritage items) to the Ordinance certain properties.

3 Land to which plan applies

This plan applies to certain land within the Ku-ring-gai local government area, as shown edged heavy black or edged heavy black and stippled on Sheets 1–5 of the map marked "Ku-ring-gai (Heritage Conservation) Local Environmental Plan No 26" deposited in the office of the Council of Ku-ring-gai.

4 Amendment of Ku-ring-gai Planning Scheme Ordinance

The *Ku-ring-gai Planning Scheme Ordinance* is amended as set out in Schedule 1.

Schedule 1 Amendments

(Clause 4)

[1] Clause 4 Interpretation

Insert in appropriate order in the definition of ***Heritage Map*** in clause 4 (1):

Ku-ring-gai (Heritage Conservation) Local Environmental Plan No 26

[2] Schedule 7 Heritage items

Omit "9," from the matter relating to Bobbin Head Road.

Insert instead "11,"

[3] Schedule 7, Part 2

Insert ", 38." after "90" in the matter relating to Braeside Street.

[4] Schedule 7, Part 2

Insert "39," after "37," in the matter relating to Burns Road.

[5] Schedule 7, Part 2

Omit "49–51," from the matter relating to Burns Road.

Insert instead "49,".

[6] Schedule 7, Part 2

Insert ", 29" after "36" in the matter relating to Cleveland Street.

[7] Schedule 7, Part 2

Insert ", 61" after "105" in the matter relating to Coonanbarra Road.

[8] Schedule 7, Part 2

Insert after the matter relating to Glenview Street:

Gordon Railway Group (the boundary formed by Werona Avenue to the northeast, the railway overbridge to the south, the property boundary to the southwest behind the carpark and at the end of St Johns Road and a line crossing the tracks to the north of the platform a distance of approximately 10 metres away. The boundary includes the footbridge in the landscaped areas adjacent to the station)

[9] Schedule 7, Part 2

Insert ", 47" after "6" in the matter relating to Highfield Road.

[10] Schedule 7, Part 2

Insert "69," before "98" in the matter relating to Junction Road.

[11] Schedule 7, Part 2

Insert after the matter relating to Kokoda Avenue:

Kulgoa Avenue,	32.

[12] Schedule 7, Part 2

Insert ", 27A." after "27" in the matter relating to Kylie Avenue.

[13] Schedule 7, Part 2

Omit the matter relating to Lachlan Avenue.

[14] Schedule 7, Part 2

Insert ", 75A (including the stone front fence and iron gates)" after "75" in the matter relating to Livingstone Avenue.

[15] Schedule 7, Part 2

Omit "20," from the matter relating to Locksley Street.

[16] Schedule 7, Part 2

Insert ", 33" after "28" in the matter relating to Lucinda Avenue.

[17] Schedule 7, Part 2

Insert ", 29" after "19" in the matter relating to Lynwood Avenue.

[18] Schedule 7, Part 2

Omit the two listings relating to Marian Street. Insert instead:

Marian Street,	11–15, 33, 39.

[19] Schedule 7, Part 2

Omit "324–346" from the matter relating to Mona Vale Road.

Insert instead ", 330".

[20] Schedule 7, Part 2

Insert ", 43" after "33" in the matter relating to Nelson Road.

[21] Schedule 7, Part 2

Omit the matter relating to Northcote Avenue.

[22] Schedule 7, Part 2

Omit "1022," from the matter relating to the Pacific Highway.

[23] Schedule 7, Part 2

Insert ", 26" after "16" in the matter relating to Park Avenue.

[24] Schedule 7, Part 2

Insert ", 25" after "6" in the matter relating to Pibrac Avenue.

[25] Schedule 7, Part 2

Omit "80," from the matter relating to Ridge Street.

[26] Schedule 7, Part 2

Insert ", 10" after "56" in the matter relating to Rosedale Road.

[27] Schedule 7, Part 2

Insert "6," before "63" in the matter relating to Shirley Road.

[28] Schedule 7, Part 2

Omit the two listings for Station Street. Insert instead:

Station Street,	5, 11, 13, 17, 19.

[29] Schedule 7, Part 2

Omit the matter relating to Vale Street.

[30] Schedule 7, Part 2

Insert after the matter relating to Wahroonga Avenue:

Wahroonga Railway Group (the boundary formed by the Redleaf Avenue road bridge to the south, the property boundaries to the east and west and a line across the tracks 20 metres past the northern end of the platform, including the Coonanbarra Road footbridge)

[31] Schedule 7, Part 2

Omit "14, 3, 26." from the matter relating to Woonona Avenue.

Insert instead "3 (Lot 1, DP 1004733—Poole House), 14."

New South Wales

Randwick Local Environmental Plan 1998 (Amendment No 34)

under the

Environmental Planning and Assessment Act 1979

I, the Minister Assisting the Minister for Infrastructure and Planning (Planning Administration), make the following local environmental plan under the *Environmental Planning and Assessment Act 1979*. (S03/01076/S69)

DIANE BEAMER, M.P.,
Minister Assisting the Minister for Infrastructure
and Planning (Planning Administration)

Randwick Local Environmental Plan 1998 (Amendment No 34)

under the

Environmental Planning and Assessment Act 1979

1 Name of plan

This plan is *Randwick Local Environmental Plan 1998 (Amendment No 34)*.

2 Aims of plan

This plan aims to amend *Randwick Local Environmental Plan 1998:*

(a) to update the references to the date of adoption of *Development Control Plan—Exempt and Complying Development* by Randwick City Council (in consequence of amendments recently made to that development control plan), and

(b) to insert a definition of ***low-impact telecommunication facility*** and make some consequential amendments.

3 Land to which plan applies

This plan applies to all land in the City of Randwick under *Randwick Local Environmental Plan 1998*.

4 Amendment of Randwick Local Environmental Plan 1998

Randwick Local Environmental Plan 1998 is amended as set out in Schedule 1.

Schedule 1 Amendments

(Clause 4)

[1] Clause 25A Aerial subscriber connections to telecommunications distribution lines

Omit the clause.

[2] Clause 26 Exempt and complying development

Omit "14 May 2002" wherever occurring in clause 26 (1)–(3).

Insert instead "13 July 2004".

[3] Clause 26A Other exempt and complying development

Omit the clause.

[4] Clause 49 Definitions

Insert in alphabetical order:

> ***low-impact telecommunication facility*** means a low-impact facility within the meaning of the *Telecommunications (Low-impact Facilities) Determination 1997* of the Commonwealth made under the *Telecommunications Act 1997* of the Commonwealth.

[5] Clause 49, definition of "public utility undertaking"

Insert "low-impact" before "telecommunication" in paragraph (d) of the definition.

New South Wales

Tweed Local Environmental Plan 2000 (Amendment No 52)

under the

Environmental Planning and Assessment Act 1979

I, the Minister Assisting the Minister for Infrastructure and Planning (Planning Administration), make the following local environmental plan under the *Environmental Planning and Assessment Act 1979*. (G03/00180/PC)

DIANE BEAMER, M.P.,
Minister Assisting the Minister for Infrastructure
and Planning (Planning Administration)

Tweed Local Environmental Plan 2000 (Amendment No 52)

under the

Environmental Planning and Assessment Act 1979

1 Name of plan

This plan is *Tweed Local Environmental Plan 2000 (Amendment No 52)*.

2 Aims of plan

This plan aims to allow, with the consent of Tweed Shire Council, the carrying out of development for the purpose of multi-dwelling housing on land within Zone 3 (a) or 3 (b), but only if:

(a) the multi-dwelling housing is attached to shops, commercial premises or other non-residential development on the same site, and

(b) where multi-dwelling housing is located at ground level or within 2.4 metres of ground level, a dwelling or car park area does not front any nominated commercial street.

3 Land to which plan applies

This plan applies to land in the local government area of Tweed within Zone 3 (a) or 3 (b) under *Tweed Local Environmental Plan 2000*.

4 Amendment of Tweed Local Environmental Plan 2000

Tweed Local Environmental Plan 2000 is amended as set out in Schedule 1.

Schedule 1 Amendments

(Clause 4)

[1] Clause 11 The zones

Omit "(unless located above non-residential ground floor level development)" wherever occurring in the matter relating to multi-dwelling housing in Item 4 for Zones 3 (a) and 3 (b) in the Table to the clause.

Insert instead "(unless it is development that is subject to clause 51B)".

[2] Clause 51B

Insert after clause 51A:

51B Multi-dwelling housing in Zones 3 (a) and 3 (b)

(1) **Objective**

The objective of this clause is to allow multi-dwelling housing on land zoned 3 (a) or 3 (b), but only if it meets certain criteria to ensure the development of the land does not undermine its commercial use and the objectives of those zones.

(2) This clause applies to land within Zone 3 (a) or 3 (b).

(3) Despite the Table to clause 11, a person may, with the consent of the Council, carry out development on land to which this clause applies for the purpose of multi-dwelling housing, subject to subclauses (4) and (5).

(4) Multi-dwelling housing on land to which this clause applies must be attached to shops, commercial premises or other non-residential development on the same site.

(5) If multi-dwelling housing is located at ground level or within 2.4 metres of ground level, a dwelling or car park area must not front any commercial street listed in Schedule 8.

[3] Schedule 8

Insert after Schedule 7:

Schedule 8 Commercial streets

(Clause 51B)

Locality	Street name
Bilambil Heights	Simpson Drive
Bogangar	Hastings Road
	Rosewood Avenue
	Tweed Coast Road
Cabarita Beach	Palm Avenue
	Pandanus Parade
Fingal Head	Marine Parade
	Prince Street
Kingscliff	Marine Parade
	Pearl Street
	Seaview Street
	Sutherland Street
	Turnock Street
Murwillumbah	Brisbane Street
	Commercial Road
	King Street
	Murwillumbah Street
	Queen Street
	Queensland Road
	Wharf Street
	Wollumbin Street

Locality	Street name
Pottsville	Coronation Avenue
	Elisabeth Street
	Overall Drive
	Philip Street
Tweed Heads	Banks Avenue
	Bay Street
	Beryl Street
	Boyd Street
	Brett Street
	Ducat Street
	Enid Street
	Florence Street
	Frances Street
	Keith Compton Drive
	Recreation Street
	Sands Street
	Stuart Street
	Terranora Terrace
	Wharf Street
Tweed Heads/Tweed Heads West	Kennedy Drive
Tweed Heads South	Dry Dock Road
	Kirkwood Road
	Minjungbal Drive
Tweed Heads West	Gull Place
	Scenic Drive

New South Wales

Ulmarra Local Environmental Plan 1992 (Amendment No 4)

under the

Environmental Planning and Assessment Act 1979

I, the Minister Assisting the Minister for Infrastructure and Planning (Planning Administration), make the following local environmental plan under the *Environmental Planning and Assessment Act 1979*. (G03/00204/PC)

DIANE BEAMER, M.P.,
Minister Assisting the Minister for Infrastructure
and Planning (Planning Administration)

Ulmarra Local Environmental Plan 1992 (Amendment No 4)

under the

Environmental Planning and Assessment Act 1979

1 Name of plan

This plan is *Ulmarra Local Environmental Plan 1992 (Amendment No 4)*.

2 Aims of plan

This plan aims to allow, with the consent of Clarence Valley Council, the subdivision of the land to which this plan applies into 4 lots and the erection of a dwelling-house on each vacant lot so created.

3 Land to which plan applies

This plan applies to Lot 1, DP 226501, Eastbank Road, Glenreagh.

4 Amendment of Ulmarra Local Environmental Plan 1992

Ulmarra Local Environmental Plan 1992 is amended as set out in Schedule 1.

Schedule 1 Amendments

(Clause 4)

[1] Clause 29A

Insert after clause 29:

29A Additional development allowed on certain land

(1) Despite any other provision of this plan, a person may, with development consent or (if specified) without development consent, carry out on land described in Column 1 of Schedule 6 any development specified in relation to that land in Column 2 of Schedule 6, subject to such conditions (if any) as may be so specified.

(2) Subclause (1) does not affect the application, to or in respect of development to which that subclause applies, of such of the provisions of this plan as are not inconsistent with that subclause or with a consent granted in respect of the development.

[2] Schedule 6

Insert after Schedule 5:

Schedule 6 Additional development allowed on certain land

(Clause 29A)

Column 1	Column 2
Land	**Additional development allowed**
Lot 1, DP 226501, Eastbank Road, Glenreagh	Subdivision of the land into 4 lots and the erection of a dwelling-house on each vacant lot so created

New South Wales

Wentworth Local Environmental Plan 1993 (Amendment No 17)

under the

Environmental Planning and Assessment Act 1979

I, the Minister Assisting the Minister for Infrastructure and Planning (Planning Administration), make the following local environmental plan under the *Environmental Planning and Assessment Act 1979*. (Q03/00217/PC)

DIANE BEAMER, M.P.,
Minister Assisting the Minister for Infrastructure
and Planning (Planning Administration)

Wentworth Local Environmental Plan 1993 (Amendment No 17)

under the

Environmental Planning and Assessment Act 1979

1 Name of plan

This plan is *Wentworth Local Environmental Plan 1993 (Amendment No 17)*.

2 Aims of plan

This plan aims to rezone the land to which this plan applies from Zone No 1 (d) (the Future Urban Zone) to Zone No 2 (v) (the Village or Urban Zone) under *Wentworth Local Environmental Plan 1993*.

3 Land to which plan applies

This plan applies to land situated in the local government area of Wentworth, being Lot 4, DP 870633, Parish of Gol Gol and County of Wentworth, at the corner of Melaleuca Street and Pitman Avenue, Buronga, as shown edged heavy black and lettered "2 (v)" on the map marked "Wentworth Local Environmental Plan 1993 (Amendment No 17)" deposited in the office of the Wentworth Shire Council.

4 Amendment of Wentworth Local Environmental Plan 1993

Wentworth Local Environmental Plan 1993 is amended by inserting in appropriate order in the definition of ***the map*** in clause 5 (1) the following words:

Wentworth Local Environmental Plan 1993 (Amendment No 17)

Natural Resources

WATER ACT 1912

Volumetric Water Allocation Scheme

Section 20Z of the Water Act 1912

THE Department of Infrastructure, Planning and Natural Resources is satisfied that during the 2004/2005 water year, the water sources of the Peel River catchment below Chaffey Dam which are subject to a scheme pursuant to section 20X of the Water Act 1912, are unlikely to have sufficient water available to meet the requirements of persons authorised by law to take water from the water sources or to meet other requirements for water previously determined by the Department.

Consequently, for that year, except as provided hereunder, all allocations under the PEEL WATER ALLOCATION are reduced to 65% of their basic allocations.

This reduction shall take effect on and from 25 February 2005.

This reduction does not apply to the allocations under entitlements for town water supply, stock, domestic, industrial or recreation (other than recreation involving maintenance of golf fairways).

Dated: 25 February 2005.

Signed for the Department of Infrastructure, Planning and Natural Resource.

RANDALL HART,
Regional Director,
Barwon Region

WATER ACT 1912

ERRATUM

THE following notice, which was published in the *Government Gazette* of 30 July 2004, No. 126, Folio 6204, contained printing errors. This notice is now republished in full.

Application for a licence under Part 2 of the Water Act 1912, being within a proclaimed (declared) local area under section 5(4) of the Act.

An application for a licence under section 10 of Part 2 of the Water Act 1912, has been received as follows:

Lachlan River Valley

Scott Lanyon COOKE, for a bywash dam on Kiamma Creek, on Lot 195/753042, Parish Kiamma, County Georgiana, for the conservation of water for water supply for stock purposes (new licence) (Referenc3e: 70SL091006) (GA2:466332).

Written objections specifying grounds thereof, may be made by any statutory authority or local occupier within the proclaimed local area whose interests may be effected, must be lodged with the Department within twenty-eight (28) days of the date of this publication as prescribed by the Act.

V. RUSSELL,
Resource Access Manager,
Central West Region

Department of Infrastructure, Planning and
Natural Resources,
PO Box 136, Forbes NSW 2871.
Telephone: (02) 6852 1222.

WATER ACT 1912

APPLICATIONS for a licence under section 10 of the Water Act 1912, as amended, has been received from:

Jennifer Mary HURRELL and Michael Vincent HURRELL for a pump on Waterfall Creek and a dam and a pump on an unnamed watercourse on Lot 9, DP 754407, two dams and two pumps on Hartys Creek on Lot 5, DP 754407, all County Macquarie, Parish Comboyne, for conservation of water, water supply for farming purposes (dairy washdown) and irrigation of 32 hectares (215 megalitres) (replacement application – additional works – increase in allocation by way of permanent transfer) (Reference: GRA6322123-1) (GA2:476188).

Gary Stephen LAWTON for a pump on Clarence River, Lot 2, DP 614931, Parish Southampton, County Clarence, for water supply for commercial purposes (tourism) (new licence – entitlement by way of permanent transfer) (Reference: GRA6322776-1) (GA2:476189).

Trevor John STEWART for a dam and a pump on an unnamed watercourse and a pump on Brays Creek, Lot 3, DP 876467, Parish Tyalgum, County Rous, for conservation of water, water supply for stock and farming purposes (dairy washdown) and irrigation of 8.5 hectares (26 megalitres) (replacement license application – additional works, no increase in authorised area or allocation) (Reference: GRA6322790-1) (GA2:476190).

Nola Edith RAYNER for a dam and a diversion pipe within Lot 133, DP 755722, Parish Mullumbimby, County Rous, for conservation of water and irrigation of 3.5 hectares (replacement license application, inclusion of an existing dam) (Reference: GRA6056155-1).

Kerry Patrick BYRNE and Geraldine Mary BYRNE for a dam and a pump on an unnamed watercourse, Lot 67, DP 755623, Parish Richmond, County Richmond, for conservation of water and irrigation of 6 hectares (37 megalitres) (new license – entitlement by way of permanent transfer) (Reference: GRA6322709-1) (GA2:476191).

Aneska DAVIS for a dam and a pump on an unnamed watercourse, Lot 14, DP 581788, Parish Teven, County Rous, for conservation of water and water supply for stock and domestic purposes (new licence) (Reference: GRA6322772).

Norman James MOORE for a pump on Richmond River, Lot 1, DP 550186, Parish Wiangaree, County Rous, for water supply for stock purposes (new licence) (Reference: GRA6322787-1).

Earle Gregory GRUNDY and Marilyn Diane GRUNDY for a dam and a pump on an unnamed watercourse, Lots 11 and 12, DP 751048 and a dam and a pump on an unnamed watercourse, Lot 12, DP 751048, all Parish Burgess, County Buller, for conservation of water and irrigation of 20 hectares (110 megalitres) (replacement licence application – additional dam and pump – no increase in authorised area or allocation) (Reference: GRA6322719-1).

Any enquiries regarding the above should be directed to the undersigned (telephone: [02] 6640 2000).

Written objections specifying the grounds thereof must be lodged within twenty-eight (28) days of the date of this publication as prescribed by the Act.

G. LOLLBACK,
Resource Access Manager,
North Coast Region,
Grafton

WATER ACT 1912

APPLICATIONS under Part 2 within a proclaimed (declared) local area under section 5(4) of the Water Act 1912.

Applications for a licence under section 10 for works within a proclaimed (declared) local area as generally described hereunder has been received from:

Murrumbidgee Valley

Ronald Bruce HARRIS and Wendy Pemberton HARRIS for an earth dam on an unnamed watercourse, Lot 152, DP 754567, Parish of Uranquinty, County of Mitchell, for erosion control purposes (Reference: 40SL71045).

Donald James MACKENZIE for an existing bywash dam on an unnamed watercourse, Lot 22, DP 842966, Parish of Westby, County of Mitchell, for erosion control and conservation of water supply for stock and domestic purposes (new licence) (Reference: 40SL70786).

Mark Rafal BORKOWSKI and Laura Maria GIRALDI for an existing bywash dam on an unnamed watercourse, Lot 2 in the subdivision of Lot 2, DP 593343, Parish of Wamboin, County of Murray, for conservation of water supply for domestic purposes (new licence) (Reference: 40SL71044).

Any enquiries regarding the above should be directed to the undersigned (telephone: [02] 6953 0700).

Formal objections to the application specifying the grounds thereof, may be made by any statutory authority or a local occupier within the proclaimed area and must be lodged with the Department's Regional Director at Leeton within the twenty-eight (28) days as fixed by the Act.

S. F. WEBB,
Resource Access Manager,
Murrumbidgee Region

Department of Infrastructure Planning and
Natural Resources,
PO Box 156, Leeton NSW 2705.

WATER ACT 1912

APPLICATIONS for a licence under Part 5 of the Water Act 1912, as amended, has been received as follows:

Murrumbidgee Valley

IOOF AUSTRALIA TRUSTEES LIMITED for a bore on Lot 138, DP 751426, Parish of Tenandra, County of Clarendon, for irrigation purposes (vines/pastures – 200 hectares) to share existing groundwater entitlement (new licence) (Reference: 40BL190438).

IOOF AUSTRALIA TRUSTEES LIMITED for a bore on Lot 138, DP 751426, Parish of Tenandra, County of Clarendon, for irrigation purposes (vines/pastures – 200 hectares) (new licence) (Reference: 40BL190439).

IOOF AUSTRALIA TRUSTEES LIMITED for a bore on Lot 138, DP 751426, Parish of Tenandra, County of Clarendon, for irrigation purposes (vines/pastures – 200 hectares) to share existing groundwater entitlement (new licence) (Reference: 40BL190440).

Written submissions of support or objections with grounds stating how your interest may be affected must be lodged before 24 March 2005, as prescribed by the Act.

S. F. WEBB ,
Resource Access Manager,
Murrumbidgee Region

Department of Infrastructure, Planning and
Natural Resources,
PO Box 156, Leeton NSW 2705.

WATER ACT 1912

AN application for a licence, under the section 10 of Part 2 of the Water Act 1912, as amended, has been received as follows:

Terence John and Marlene Heather WALKER for a pump on the Nepean River on 5//1056890, Parish of Bringelly, County of Cumberland for the irrigation of 15.0 hectares (perennial pasture, lucerne) (part replacement licence - permanent transfer of 43.0 megalitres from 10SL21522) (no increase in annual water allocation) (Not subject to the 1995 Hawkesbury/Nepean Embargo) (Ref: 10SL56629) (GA2:493393)

Alan Gardiner Enterprises Pty Ltd for a pump on the Hawkesbury River on 27//751665, Parish of Wilberforce, County of Cook for the irrigation of 15.0 hectares (improved pasture, vegetables) (part replacement licence – permanent transfer of 180.0 megalitres from 10SL43171) (no increase in annual water allocation) (Not subject to the 1995 Hawkesbury/ Nepean Embargo) (Ref:10SL56627) (GA2:493394)

Any inquiries regarding the above should be directed to the undersigned (phone: 02 9895 7194).

Written objections specifying grounds thereof must be lodged with the Department within 28 days of the date of this publication as prescribed by the Act.

WAYNE CONNERS,
Natural Resource Project Officer,
Sydney/South Coast Region

Department of Infrastructure, Planning
and Natural Resources,
PO Box 3720, Parramatta NSW 2124

Department of Lands

ARMIDALE OFFICE
108 Faulkner Street, Armidale NSW 2350
Phone: (02) 6772 5488 Fax (02) 6771 5348

APPOINTMENT OF TRUST BOARD MEMBERS

PURSUANT to section 93 of the Crown Lands Act 1989, the persons whose names are specified in Column 1 of the Schedule hereunder are appointed, for the terms of office specified thereunder, as members of the trust board for the reserve trust specified opposite thereto in Column 2, which has been established and appointed as trustee of the reserve referred to opposite thereto in Column 3 of the Schedule.

TONY KELLY, M.L.C.,
Minister for Lands

SCHEDULE

COLUMN 1	COLUMN 2	COLUMN 3
Douglas John WORGAN (re-appointment), Walter Halliday George JOHNSTONE (re-appointment), Kenneth Douglas EDDY (re-appointment), Wayne Hutchinson LACKEY (re-appointment), Lyle Edwin GAINEY (re-appointment), Pamela Anne MASON (re-appointment).	Staggy Creek Recreation Reserve Trust.	Reserve No.: 54194. Public Purpose: Public recreation. Notified: 1 October 1920. File No.: AE83 R 27/3.

Term of Office

For a term commencing the date of this notice and expiring 31 December 2009.

DUBBO OFFICE
142 Brisbane Street (PO Box 865), Dubbo NSW 2830
Phone: (02) 6841 5200 Fax: (02) 6841 5231

APPOINTMENT OF TRUST BOARD MEMBERS

PURSUANT to section 93 of the Crown Lands Act 1989, the persons whose names are specified in Column 1 of the Schedule hereunder are appointed, for the terms of office specified in that Column, as members of the trust board for the reserve trust specified opposite thereto in Column 2, which has been established and appointed as trustee of the reserve referred to opposite thereto in Column 3 of the Schedule.

TONY KELLY, M.L.C.,
Minister for Lands

SCHEDULE

COLUMN 1	*COLUMN 2*	*COLUMN 3*
Sandra Gai NOONAN (re-appointment) Richard John HARLEY (re-appointment) George William HARLEY (re-appointment) Patrick James DEEVES (re-appointment)	Bobadah Public Hall Trust	Reserve No. 67600 Public Purpose: Public Hall File Reference: DB81 R 13

For a term commencing this day and expiring 24 February 2010.

SCHEDULE

COLUMN 1	*COLUMN 2*	*COLUMN 3*
Leo Lawrence SELWYN (new member) Paul William DREW (new member) Joanne Lee TRENGOVE (re-appointment) James William McDONNELl (re-appointment) Harold Kenneth EVANS (re-appointment) Tony David WRIGHT (re-appointment) William Joseph HENSLEY (re-appointment)	Gulgong Showground Trust	Reserve No. 520111 Public Purpose: Showground Notified: 8 January 1884 File Reference: DB80R

For a term commencing this day and expiring 24 February 2010.

FAR WEST REGIONAL OFFICE
45 Wingewarra Street (PO Box 1840), Dubbo NSW 2830
Phone: (02) 6883 3000 Fax: (02) 6883 3099

ALTERATION OF PURPOSE OF A WESTERN LANDS LEASE

IT is hereby notified that in pursuance of the provisions of section 18J, Western Lands Act 1901, the purpose and conditions of the undermentioned Western Lands Lease have been altered as shown.

CRAIG KNOWLES, M.P.,
Minister for Infrastructure and Planning
and Minister for Natural Resources

Description

Administrative District – Broken Hill;
City – Broken Hill;
Parish – Picton; County – Yancowinna.

The purpose of Western Lands Lease 11035, being the land contained within Folio Identifier 1646/757298 has been altered from "Accommodation Paddock" to "Residence and Accommodation Paddock " effective from 17 February 2005.

As a consequence of the alteration of purpose rent will be assessed annually in line with the Western Lands Act 1901 and Regulations.

The conditions previously annexed to Western Lands Lease 11035 have been revoked and the following conditions have been annexed thereto.

CONDITIONS AND RESERVATIONS ATTACHED TO WESTERN LANDS LEASE 11035

(1) In the conditions annexed to the lease, the expression "the Minister" means the Minister administering the Western Lands Act 1901, and any power, authority, duty or function conferred or imposed upon the Minister by or under those conditions may be exercised or performed either by the Minister or by such officers of the Department of Infrastructure, Planning and Natural Resources as the Minister may from time to time approve.

(2) In these conditions and reservations the expression "the Commissioner" means the Commissioner charged with the administration of the Western Lands Act 1901 ("the Act") in accordance with section 4(2) of the Act.

(3) (a) For the purposes of this clause the term Lessor shall include Her Majesty the Queen Her Heirs and Successors the Minister and the agents servants employees and contractors of the Lessor Her Majesty Her Majesty's Heirs and Successors and the Minister.

(b) The lessee covenants with the Lessor to indemnify and keep indemnified the Lessor from and against all claims for injury loss or damage suffered by any person or body using or being in or upon the Premises or any adjoining land or premises of the Lessor arising out of the Holder's use of the Premises and against all liabilities for costs charges and expenses incurred by the Lessor in respect of the claim of any such person or body except to the extent that any such claims and demands arise wholly from any negligence or wilful act or omission on the part of the Lessor.

(c) The indemnity contained in this clause applies notwithstanding that this Lease authorised or required the lessee to undertake or perform the activity giving rise to any claim for injury loss or damage.

(d) The lessee expressly agrees that the obligations of the Holder under this clause shall continue after the expiration or sooner determination of this Lease in respect of any act deed matter or thing occurring before such expiration or determination.

(4) The rent of the lease shall be assessed in accordance with Part 6 of the Western Lands Act 1901.

(5) The rent shall be due and payable annually in advance on 1 July in each year.

(6) (a) "GST" means any tax on goods and/or services, including any value-added tax, broad-based consumption tax or other similar tax introduced in Australia.

"GST law" includes any Act, order, ruling or regulation, which imposes or otherwise deals with the administration or imposition of a GST in Australia.

(b) Notwithstanding any other provision of this Agreement:

(i) If a GST applies to any supply made by either party under or in connection with this Agreement, the consideration provided or to be provided for that supply will be increased by an amount equal to the GST liability properly incurred by the party making the supply.

(ii) If the imposition of a GST or any subsequent change in the GST law is accompanied by or undertaken in connection with the abolition of or reduction in any existing taxes, duties or statutory charges (in this clause "taxes"), the consideration payable by the recipient of the supply made under this Agreement will be reduced by the actual costs of the party making the supply that are reduced directly or indirectly as a consequence of the abolition of or reduction in taxes.

(7) The lessee shall pay all rates and taxes assessed on or in respect of the land leased during the currency of the lease.

(8) The lessee shall hold and use the land leased bona fide for the lessee's own exclusive benefit and shall not transfer, convey or assign the land or any portion thereof without having first obtained the written consent of the Minister.

(9) The lessee shall not enter into a sublease of the land leased unless the sublease specifies the purpose for which the land may be used under the sublease, and it is a purpose which is consistent with the purpose for which the land may be used under this lease.

(10) If the lessee enters into a sublease of the land leased, the lessee must notify the Commissioner of the granting of the sublease within 28 days after it is granted.

(11) The land leased shall be used only for the purpose of Residence and Accommodation Paddock.

(12) The lessee shall maintain and keep in reasonable repair all improvements on the land leased during the currency of the lease and shall permit the Minister or the Commissioner or any person authorised by the Minister or the Commissioner at all times to enter upon and examine the whole or any part of the land leased and the buildings or other improvements thereon.

(13) All minerals within the meaning of the Mining Act 1992, and all other metals, gemstones and semiprecious stones, which may be in, under or upon the land leased are reserved to the Crown and the lessee shall permit any person duly authorised in that behalf to enter upon the land leased and search, work, win and remove all or any minerals, metals, gemstones and semiprecious stones in, under or upon the land leased.

(14) Mining operations may be carried on, upon and in the lands below the land leased and upon and in the lands adjoining the land leased and the lands below those lands and metals and minerals may be removed therefrom and the Crown and any lessee or lessees under any Mining Act or Acts shall not be subject to any proceedings by way of injunction or otherwise in respect of or be liable for any damage occasioned by the letting down, subsidence or lateral movement of the land leased or any part thereof or otherwise by reason of the following acts and matters, that is to say, by reason of the Crown or any person on behalf of the Crown or any lessee or lessees, having worked now or hereafter working any mines or having carried on or now or hereafter carrying on mining operations or having searched for, worked, won or removed or now or hereafter searching for, working, winning or removing any metals or minerals under, in or from the lands lying beneath the land leased or any part thereof, or on, in, under or from any other lands situated laterally to the land leased or any part thereof or the lands lying beneath those lands, and whether on or below the surface of those other lands and by reason of those acts and matters or in the course thereof the Crown reserves the liberty and authority for the Crown, any person on behalf of the Crown and any lessee or lessees from time to time to let down without payment of any compensation any part of the land leased or of the surface thereof.

(15) The lessee shall comply with the provisions of the Local Government Act 1993, and of the ordinances made thereunder.

(16) The lessee shall comply with the provisions of the Water Management Act 2000 and any regulations made in pursuance of that Act.

(17) The lessee shall, within 12 months from the date of commencement of the lease or such further period as the Minister may allow, erect a dwelling on the land in accordance with plans and specifications approved by the Council of the local government area.

(18) The lessee shall not erect or permit any person to erect any buildings or extend any existing buildings on the land leased except in accordance with plans and specifications approved by the Council of the local Government area.

(19) The lessee shall ensure that the land leased is kept in a neat and tidy condition to the satisfaction of the Commissioner and not permit refuse to accumulate on the land.

(20) Upon termination or forfeiture of the lease the Commissioner may direct that the former lessee shall remove any structure or material from the land at his own cost and without compensation. Where such a direction has been given the former lessee shall leave the land in a clean and tidy condition free from rubbish and debris.

(21) Where the Crown has paid a contribution under section 217-219 of the Roads Act 1993 in respect of the land leased, the lessee shall pay to the Crown the amount of that contribution within 3 months of being called upon to do so.

(22) The lessee shall pay to the Crown the proportional part of the costs of road construction as notified by the Department of Infrastructure Planning and Natural Resources within 3 months of the date of gazettal of the granting.

(23) The lessee shall, within 1 year from the date of commencement of the lease or such further period as the Commissioner may allow, enclose the land leased, either separately or conjointly with other lands held in the same interest, with a suitable fence to the satisfaction of the Commissioner.

(24) The lessee shall comply with requirements of section 18DB of the Western Lands Act 1901 which provides that, except in the circumstances referred to in subsection (4) of that section, any native vegetation on the land the subject of the lease, and any part of the land that is protected land, must not be cleared except in accordance with the Native Vegetation Conservation Act 1997.

(25) The lessee shall comply with requirements of section 18DA of the Western Lands Act 1901 which provides that except in circumstances referred to in subsection (3) of that section, cultivation of the land leased or occupied may not be carried out unless the written consent of the Department has first been obtained and any condition to which the consent is subject under sub section (6) is complied with.

(26) The lessee shall take all necessary steps to protect the land leased from bush fire.

(27) The lessee shall not overstock, or permit or allow to be overstocked, the land leased and the decision of the Commissioner as to what constitutes overstocking shall be final and the lessee shall comply with any directions of the Commissioner to prevent or discontinue overstocking.

(28) The lessee shall, within such time as may be specified by the Commissioner take such steps and measures as the Commissioner shall direct to destroy vermin and such animals and weeds as may, under any Act, from time to time be declared (by declaration covering the land leased) noxious in the Gazette and shall keep the land free of such vermin and noxious animals and weeds during the currency of the lease to the satisfaction of the Commissioner.

(29) The lessee shall not remove or permit any person to remove gravel, stone, clay, shells or other material for the purpose of sale from the land leased unless the lessee or the person is the holder of a quarry license under regulations made under the Crown Lands Act 1989 or, in respect of land in a State forest, unless the lessee or the person is the holder of a forest materials licence under the Forestry Act 1916, and has obtained the special authority of the Minister to operate on the land, but the lessee may, with the approval of the Commissioner, take from the land such gravel, stone, clay, shells or other material for building and other purposes upon the land as may be required by the lessee.

APPOINTMENT OF CORPORATION TO MANAGE COMMON TRUST

PURSUANT to Division 1, section 7, subsection (6) of the Commons Management Act 1989, the corporation specified in Column 1 of the Schedules hereunder, is appointed to manage the affairs of the common trust specified opposite thereto in Column 2, which is trustee of the reserve referred to in Column 3 of the Schedules.

TONY KELLY, M.L.C.,
Minister for Lands

SCHEDULE 1

COLUMN 1	COLUMN 2	COLUMN 3
Broken Hill Shire Council.	Willyama Common Trust.	Public Purpose: Commonage and temporary common. Notified: 27 November 1912, 28 October 1932, 17 November 1939, 1 May 1942 and 11 December 1981. File No.: WL95 R 8.

For a term commencing this day.

SCHEDULE 2

COLUMN 1	COLUMN 2	COLUMN 3
Central Darling Shire Council.	Menindee Common Trust.	Public Purpose: Commonage and temporary common. Notified: 17 April 1886, 26 August 1870, 21 January 1972, 15 July 1977 and 25 May 1945. File No.: WL04 R 38.

For a term commencing this day.

SCHEDULE 3

COLUMN 1	COLUMN 2	COLUMN 3
Balranald Shire Council.	Balranald Common Trust.	Public Purpose: Commonage. Notified: 12 January 1883 and 6 January 1956. File No.: WL04 R 37.

For a term commencing this day

FORFEITURE OF A WESTERN LANDS LEASE

IT is hereby notified for public information that in pursuance of section 28BA of the Western Lands Act 1901, the Western Lands Lease particularised hereunder has been forfeited.

CRAIG KNOWLES, M.P.,
Minister for Infrastructure and Planning
and Minister for Natural Resources

Western Lands Lease No.: 13896.

Name of Lessee: Kenneth Peter COUTIS.

Land Forfeited: Lot 93, DP 720993.

Area Forfeited: 1.372 hectares.

Administrative District: Broken Hill.

Shire: Central Darling.

Date of Forfeiture: 11 November 2004.

Reason for Forfeiture: Non-Compliance with conditions.

GRIFFITH OFFICE
2nd Floor, Griffith City Plaza,
120–130 Banna Avenue (PO Box 1030), Griffith NSW 2680
Phone: (02) 6962 7522 Fax: (02) 6962 5670

REVOCATION OF RESERVATION OF CROWN LAND

PURSUANT to section 90 of the Crown Lands Act 1989, the reservation of Crown Land specified in Column 1 of the Schedule hereunder, is revoked to the extent specified opposite thereto in Column 2 of the Schedule.

TONY KELLY, M.L.C.,
Minister for Lands

SCHEDULE

COLUMN 1	COLUMN 2
Land District: Lake Cargelligo. Local Government Area: Bland Shire Council. Locality: Anona. Reserve No.: 96990. Public Purpose: Access. Notified: 7 October 1983. File No.: GH89 H 1697/1.	The whole being Lot 59, DP No. 46477, Parish Clowery, County Dowling, of an area of 17.94 hectares.

Note: Lot 59, DP 46477 is to be sold by Private Treaty Sale to the adjoining holder.

ORANGE OFFICE
92 Kite Street (PO Box 2146), Orange NSW 2800
Phone: (02) 6393 4300 Fax: (02) 6362 3896

APPOINTMENT OF TRUST BOARD MEMBERS

PURSUANT to section 93 of the Crown Lands Act 1989, the persons whose names are specified in Column 1 of the Schedule hereunder are appointed, for the terms of office specified thereunder, as members of the trust board for the reserve trust specified opposite thereto in Column 2, which has been established and appointed as trustee of the reserve referred to opposite thereto in Column 3 of the Schedule.

TONY KELLY, M.L.C.,
Minister for Lands

SCHEDULE

COLUMN 1	COLUMN 2	COLUMN 3
Beverley GORDON (new member), Stephen James GORDON (new member), Edna Annie HUGHES (re-appointment), Wayne John HUGHES (re-appointment).	Gooloogong Memorial Hall Trust.	Dedication No.: 590022. Public Purpose: War Memorial (hall site). Notified: 1 October 1954. File No.: OE80 R 202/2.

Term of Office

For a term commencing this day and expiring 24 February 2010.

REVOCATION OF RESERVATION OF CROWN LAND

PURSUANT to section 90 of the Crown Lands Act 1989, the reservation of Crown Land specified in Column 1 of the Schedules hereunder, is revoked to the extent specified opposite thereto in Column 2 of the Schedules.

TONY KELLY, M.L.C.,
Minister for Lands

SCHEDULE 1

COLUMN 1	COLUMN 2
Land District: Molong. Local Government Area: Cabonne Council. Locality: Barryrenie. Reserve No.: 73368. Public Purpose: Public utility. Notified: 4 November 1949. Lot 168, DP No. 750159, Parish Goimbla, County Ashburnham; Lot 193, DP No. 750159, Parish Goimbla, County Ashburnham; Lot 194, DP No. 750159, Parish Goimbla, County Ashburnham. File No.: OE04 H 24.	The part being Lot 168, DP No. 750159, Parish Goimbla, County Ashburnham, of an area of 168.7 hectares.

SCHEDULE 2

COLUMN 1	COLUMN 2
Land District: Molong. Local Government Area: Cabonne Council. Locality: Goimbla. Reserve No.: 94829. Public Purpose: Future public requirements. Notified: 15 May 1981. File No.: OE04 H 24/1.	The whole being Lot 168, DP No. 750159, Parish Goimbla, County Ashburnham, of an area of 168.7 hectares.

Note: Conversion to freehold.

SYDNEY METROPOLITAN OFFICE
Level 12, Macquarie Tower, 10 Valentine Avenue, Parramatta 2150
(PO Box 3935, Parramatta NSW 2124)
Phone: (02) 9895 7657 Fax: (02) 9895 6227

APPOINTMENT OF ADMINISTRATOR

PURSUANT to section 117 of the Crown Lands Act 1989, the person named in Column 1 of the Schedule hereunder, is appointed to be the administrator of the reserve trust named in Column 2, which is trustee of the reserve referred to in Column 3 of the Schedule.

TONY KELLY, M.L.C.,
Minister for Lands

SCHEDULE

COLUMN 1	COLUMN 2	COLUMN 3
John Wellisley HIATT.	Hawkesbury Racecourse (D500000) Reserve Trust.	Dedication No. 500000, for the purpose of racecourse, dedicated 19 May 1868. File No.: MN84 R 17/3.

For a term of six (6) months commencing 6 February 2005.

NOTIFICATION OF CLOSING OF ROAD

IN pursuance of the provisions of the Roads Act 1993, the road hereunder specified is closed and the road ceases to be public road and the rights of passage and access that previously existed in relation to the road are extinguished.

TONY KELLY, M.L.C.,
Minister for Lands

Descriptions

Land District – Metropolitan; L.G.A. – Hornsby.

Lot 1, DP 1077944 at North Epping, Parish Field of Mars (Sheet 2), County Cumberland.

File No.: MN03 H 119.

Notes: 1) On closing, title for the land in Lot 1 remains vested in Hornsby Shire Council as operational land.

2) The road is closed subject to easement for water supply purposes 3 wide and variable and the easement for electricity purposes 6.095 wide and variable as shown in DP 1077944.

TAREE OFFICE
98 Victoria Street (PO Box 440), Taree NSW 2430
Phone: (02) 6552 2788 Fax: (02) 6552 2816

NOTIFICATION OF CLOSING OF PUBLIC ROAD

IN pursuance of the provisions of the Roads Act 1993, the road hereunder described is closed and the land comprised therein ceases to be a public road and the rights of passage and access that previously existed in relation to the road are extinguished.

TONY KELLY, M.L.C.,
Minister for Lands

Description

Land District – Taree;
Local Government Area – Great Lakes.

Road Closed: Lots 1 and 2, DP 1079388 at Bungwahl, Parish of Topi Topi, County of Gloucester.

File No.: TE03 H 227.

Note: On closing, the land within Lots 1 and 2 remains vested in the State of New South Wales as Crown Land.

WAGGA WAGGA REGIONAL OFFICE
Corner Johnston and Tarcutta Streets (PO Box 60), Wagga Wagga NSW 2650
Phone: (02) 6937 2700 Fax: (02) 6921 1851

ROADS ACT 1993

ORDER

Transfer of Crown Road to a Council

IN pursuance of the provisions of section 151, Roads Act 1993, the Crown public roads specified in Schedule 1 are transferred to the Roads Authority specified in Schedule 2 hereunder, as from the date of publication of this notice and as from that date, the roads specified in Schedule 1 cease to be Crown public road.

TONY KELLY, M.L.C.,
Minister for Lands

SCHEDULE 1

Parish – Brungle; County – Buccleuch; Land District – Tumut; Shire – Tumut.

Crown public road 20.115 metres wide and described as the road being that part of Nimbo Road being the easternmost 1326 metres north of Lot 12, DP 881280 and the Crown public road 20.12 metres wide being the southernmost 115 metres west of Lot 12, DP 881280 excluding Lot 13 and part Lot 14, DP 881280.

SCHEDULE 2

Roads Authority: Tumut Shire Council.

File No.: WA96 H 165.

ROADS ACT 1993

ORDER

Transfer of Crown Road to a Council

IN pursuance of the provisions of section 151, Roads Act 1993, the Crown public roads specified in Schedule 1 are transferred to the Roads Authority specified in Schedule 2 hereunder, as from the date of publication of this notice and as from that date, the roads specified in Schedule 1 cease to be Crown public road.

TONY KELLY, M.L.C.,
Minister for Lands

SCHEDULE 1

Parishes – Boree, Junee, South Junee and Wantiool; County – Clarendon; Land District – Wagga Wagga; Shire – Junee.

Crown public roads of variable widths within the Town of Junee being Illabo Road commencing from the southeast corner of Lot 1, DP 851745 and continuing west and then south to northwest corner of Lot 1, DP 256659; Gundagai Road between Belmore Street and Kahmoo Road; McAlister Lane between Gundagai Road and Crown Street; Rifle Range Road between Church Street and the Northwest corner of Lot 1, DP 624039; unnamed road west of Lots 182 and 149, DP 751399; unnamed road separating Lots 179 and 180, DP 751399 from Lot 7009, DP 94336; Lots 7014 and 7015, DP 1050623, Crown public road, Lot 7023, DP 1050626 and Lot 7008, DP 94336; Kahmoo Road between Gundagai Road and the northern boundary of Lot 111, DP 751399; Park Lane between the southwest corner of Lot 6, DP 111773 and Broadway Street.

Crown public road 6 metres wide within the Town of Junee being the lane north of Lot A, DP 31524; Lots 10 to 14, DP 15206; Lots 15 and 16, section 1, DP 758548; Lots A and B, DP 399268; Lot 1, DP 723896; Lot 19, DP 668240; Lot 19, DP 667674; Lots 1 and 2, DP 908139 and Lot 21, section 1, DP 758548.

Crown public road 6 metres wide within the Town of Junee being the lane separating Lot 127, DP 751425 from Lot 5, DP 45465; Crown public road 6 metres wide within the Town of Junee being the lanes within sections 6 and 7, DP 758548.

Crown public road 6 metres wide within the Town of Junee being the lane south of Lots C and D, DP 167696.

Crown public road 6 metres wide within the Town of Junee being the lane north of Lots 15 and 16, section 2, DP 758548.

SCHEDULE 2

Roads Authority: Junee Shire Council.

File No.: WA03 H 33.

ROADS ACT 1993

ORDER

Transfer of Crown Road to a Council

IN pursuance of the provisions of section 151, Roads Act 1993, the Crown public roads specified in Schedule 1 are transferred to the Roads Authority specified in Schedule 2 hereunder, as from the date of publication of this notice and as from that date, the roads specified in Schedule 1 cease to be Crown public road.

TONY KELLY, M.L.C.,
Minister for Lands

SCHEDULE 1

Parish –Adelong; County – Wynyard; Land District – Tumut; Shire – Tumut.

Crown public roads of variable width within the Town of Adelong being Tumut Street between Henry and Inglis Streets; Quartz Street south west of Lot 138, DP 757211; Part 58, DP 757211; Lot 1, DP 384125; Lots 55-57, DP 757211 and including the intersection with Grahamstown Road; Tods Road commencing from the intersection of Neill and Campbell Streets and continuing south then south east to the Tanyard Creek and described as being west of Lots 254-256 and 789 in DP 757211, then the whole of Lot 1213, DP 728293 then the whole of Lot 1, DP 724662 and then west of Lots 1187 and 228, DP 757211; Mathews Road commencing from the intersection of Tods Lane being the whole of Lot 2, DP 724662; then west and south west through Lot 11, DP 719551, then east of Lot 1149, DP 757211; Inglis Street West of Lot 5, section 20, DP 758009.

Crown public roads 6 metres wide within the Town of Adelong being lanes within section 24, 22, 15, 4, 21, 13 and 10.

Crown public road of variable width within section 14.

That part of the Crown public lanes within the Town of Adelong being a lane to a maximum width of 6 metres south of Lot 2, DP 583047; Lots 132, 71 and 69, DP 757211; Lot 4, DP 733203 and Lot 1, DP 221901.

Crown public road 6 metres wide within the Town of Adelong being the lane south of Lots 7 to 13, section 5, DP 758009.

Crown public road 6 metres wide within the Town of Adelong being the lane north of Lot 6, section 3, DP 758009.

Crown public road 6 metres wide within the Town of Adelong being the lane north of Lots 6 and 7, section 17, DP 758009.

Crown public road 6 metres wide within the Town of Adelong being the lanes south of Lots 4, 5 and 7, section 7, DP 758009.

Crown public road 6 metres wide within the Town of Adelong being the lane north of Lots 7 and 8, section 1, DP 758009.

Crown public road 6 metres wide within the Town of Adelong being the lane north of Lots 1, 2 and 3, section 31, DP 758009.

SCHEDULE 2

Roads Authority: Tumut Shire Council.

File No.: WA96 H 165.

ROADS ACT 1993

ORDER

Transfer of Crown Road to a Council

IN pursuance of the provisions of section 151, Roads Act 1993, the Crown public roads specified in Schedule 1 are transferred to the Roads Authority specified in Schedule 2 hereunder, as from the date of publication of this notice and as from that date, the roads specified in Schedule 1 cease to be Crown public road.

TONY KELLY, M.L.C.,
Minister for Lands

SCHEDULE 1

Parish –Tumut; County – Wynyard;
Land District – Tumut; Shire – Tumut.

Crown public road 20.115 metres wide in the Town of Tumut being Simpson Street between Wynyard Street and Currawong Road.

SCHEDULE 2

Roads Authority: Tumut Shire Council.

File No.: WA96 H 165.

REVOCATION OF RESERVATION OF CROWN LAND

PURSUANT to section 90 of the Crown Lands Act 1989, the reservations of Crown Lands specified in Column 1 of the Schedules hereunder, are revoked to the extent specified opposite thereto in Column 2 of the Schedules.

TONY KELLY, M.L.C.,
Minister for Lands

SCHEDULE 1

COLUMN 1	COLUMN 2
Land District: Albury. Local Government Area: Greater Hume Shire Council. Locality: Gerogery. Reserve No.: 59465. Public Purpose: Commonage. Notified: 21 January 1927. File No.: WA81 R 60.	The whole being Lot 239, DP No. 753339, Parish Gerogery, County Goulburn; Lot 7010, DP No. 1024710, Parish Gerogery, County Goulburn, of an area of 59.35 hectares.

SCHEDULE 2

COLUMN 1	COLUMN 2
Land District: Albury. Local Government Area: Greater Hume Shire Council. Locality: Gerogery. Reserve No.: 70351. Public Purpose: Commonage (addition). Notified: 24 October 1941. File No.: WA81 R 60.	The whole being Lot 197, DP No. 753339, Parish Gerogery, County Goulburn, of an area of 5.64 hectares.

SCHEDULE 3

COLUMN 1	COLUMN 2
Land District: Albury. Local Government Area: Greater Hume Shire Council. Locality: Gerogery. Reserve No.: 72779. Public Purpose: Commonage (addition). Notified: 16 July 1948. File No.: WA81 R 60.	The whole being Lot 141, DP No. 753339, Parish Gerogery, County Goulburn of an area of 2.833 hectares.

Department of Primary Industries

Agriculture

PLANT DISEASES ACT 1924

Authority to Exercise Inspectors' Functions

I, BARRY DESMOND BUFFIER, Director-General, New South Wales Department of Primary Industries, hereby authorise, pursuant to 11(3) of the Plant Diseases Act 1924, the undermentioned persons to exercise such of the functions of an Inspector as are specified in this authority, for the purpose of eradicating and preventing the spread of fruit fly (Family *Tephritidgae*).

List of Authorised Persons:

Desmond HAND,

Donald KEMP,

Leeanne SIMMONS, and

Graham WILLIAMS.

Functions of an inspector authorised to be exercised:

Sections:

9(1) seizure of plants

13(1) powers to display stop signs, stop vehicles etc

13(1B)(a) power to enter vehicles for the purpose of searching for or inspecting any fruit, etc.

13(1B)(c) power to enter vehicles for the purpose of determining whether any duty or obligation imposed by or under the Act has been discharged

13(1BA) power to open any part of a vehicle and to open any coverings, for the purpose of searching for or inspecting any fruit or coverings

25A demand name and place of abode of person committing an offence.

The specified functions may be exercised by the authorised persons:

- only on a road or in a public place or vehicle on a road or in any public place; and
- only in relation to fruit which the authorised person: has reasonable grounds of suspecting are infected or likely to convey infection; or to have been introduced into the State or any portion of the State; or
- which are being conveyed or dealt with in contravention of any proclamation, notification, order under the Plant Diseases Act 1924 or under the Plant Diseases Regulation 2003.

This authority is limited in its operation to:

NSW Portion of the Fruit Fly Exclusion Zone pursuant to section 11(4) of the Plant Diseases Act.

Dated: 18 February 2005.

B. D. BUFFIER,
Director-General

NSW Fisheries

FISHERIES MANAGEMENT ACT 1994

FISHERIES MANAGEMENT (AQUACULTURE) REGULATION 2002

Clause 37(3) – Notice of Granting of Class 1 Aquaculture Lease

THE Minister has granted the following Class 1 Aquaculture Lease:

AL03/024 within the estuary of Wallis Lake having an area of 0.6186 hectares to POLSON OYSTERS PTY LTD, of Oxley Island, NSW, for a term of 15 years expiring on 27 December 2019.

AL03/022 within the estuary of Brisbane Waters having an area of 2.0910 hectares to Brett KNIGHT, of Umina, NSW, for a term of 15 years expiring on 22 December 2019.

AL03/031 within the estuary of Brisbane Waters having an area of 0.9784 hectares to Brett KNIGHT, of Umina, NSW, for a term of 15 years expiring on 22 December 2019.

AL04/039 within the estuary of Wallis Lake having an area of 0.5030 hectares to Ian BLOWS, of Forster, NSW, for a term of 15 years expiring on 29 November 2019.

NICK RAYNS,
Director,
Fisheries Management,
Agriculture and Fisheries Division,
Department of Primary Industries

FISHERIES MANAGEMENT ACT 1994

FISHERIES MANAGEMENT (AQUACULTURE) REGULATION 2002

Clause 39(4) – Notice of Aquaculture Lease Renewal

THE Minister has renewed the following Class 1 Aquaculture Leases:

OL87/144 within the estuary of Port Stephens, having an area of 0.6454 hectares to Tony FIDLER of Williamtown, NSW, for a term of 15 years expiring on 30 June 2018.

OL97/034 within the estuary of Wallis Lake, having an area of 7.4156 hectares to Gary ROLPH, Kerrie ROLPH and Ross THOMAS of Tuncurry, NSW, for a term of 15 years expiring on 21 June 2019.

AL01/002 within the estuary of the Pambula River, having an area of 2.1399 hectares to Kevin Joseph BARRON of Lochiel, NSW, for a term of 15 years expiring on 24 August 2019.

OL58/158 within the estuary of the Clyde River, having an area of 0.5261 hectares to David Charles WESTMAN of Greenwell Point, NSW, for a term of 15 years expiring on 28 July 2019.

OL59/010 within the estuary of the Clarence River, having an area of 0.7628 hectares to EURUNDERIE INVESTMENTS PTY LTD of Yamba Bay, NSW, for a term of 15 years expiring on 5 April 2020.

OL74/179 within the estuary of Nelson Lagoon, having an area of 1.5709 hectares to Peter HOLDSWORTH and Gary RODELY of Tathra, NSW, for a term of 15 years expiring on 26 July 2020.

OL89/023 within the estuary of the Manning River, having an area of 1.4995 hectares to POLSON OYSTERS PTY LTD of Oxley Island, NSW, for a term of 15 years expiring on 16 June 2019.

OL58/159 within the estuary of the Clyde River, having an area of 0.5241 hectares to Christopher RALSTON of Batemans Bay, NSW, for a term of 15 years expiring on 30 August 2020.

OL58/203 within the estuary of the Clyde River, having an area of 1.0606 hectares to Christopher RALSTON of Batemans Bay, NSW, for a term of 15 years expiring on 9 August 2020.

OL73/449 within the estuary of the Hastings River, having an area of 0.3845 hectares to Mark BULLEY of Port Macquarie, NSW, for a term of 15 years expiring on 30 July 2019.

OL73/320 within the estuary of the Pambula River, having an area of 0.7014 hectares to Robert BURTON and Irene EWART of Ainslie, ACT, for a term of 15 years expiring on 31 December 2018.

OL74/008 within the estuary of Wallaga Lake, having an area of 1.2178 hectares to John SMITH of Bermagui, NSW, for a term of 15 years expiring on 25 September 2019.

OL86/110 within the estuary of the Nambucca River, having an area of 2.7940 hectares to FOREST DATA PTY LTD of Macksville, NSW, for a term of 15 years expiring on 2 May 2019.

OL88/073 within the estuary of Brisbane Waters, having an area of 0.8992 hectares to Herman LOPEZ of Ettalong Beach, NSW, for a term of 15 years expiring on 30 July 2019.

NICK RAYNS,
Director,
Fisheries Management,
Agriculture and Fisheries Division,
Department of Primary Industries

Roads and Traffic Authority

ROADS ACT 1993

Notice Under Part 3 of the Road Transport (Mass, Loading and Access) Regulation 1996

I, PAUL FORWARD, Chief Executive of the Roads and Traffic Authority, in pursuance to the Road Transport (Mass, Loading and Access) Regulation 1996, make the Notice set forth hereunder.

PAUL FORWARD,
Chief Executive,
Roads and Traffic Authority

AMENDMENTS

The Restricted Access Vehicle (Car Carrier) Exemption Notice 2005, published in *Government Gazette* No. 205 of 31 December 2004, at pages 9872 - 9877, is amended:

(a) Omit the following from ***Table 1- Mass Limits for Single Axles and Axle Groups***

Tri-axle group of a hauling unit fitted with single tyres with section width of less than 375 mm on all axles, or single tyres on 1 or 2 axles and dual tyres on the other axle or axles	15.0
Tri-axle group of a hauling unit with either single tyres with section width of at least 375 mm, dual tyres, or a combination of those tyres	16.5

ROADS ACT 1993

LAND ACQUISITION (JUST TERMS COMPENSATION) ACT 1991

Notice of Compulsory Acquisition of Land at Coolac in the Gundagai Shire Council area

THE Roads and Traffic Authority of New South Wales by its delegate declares, with the approval of Her Excellency the Governor, that the land described in the schedule below is acquired by compulsory process under the provisions of the Land Acquisition (Just Terms Compensation) Act 1991 for the purposes of the Roads Act 1993.

T D Craig
Manager, Compulsory Acquisition & Road Dedication
Roads and Traffic Authority of New South Wales

SCHEDULE

ALL those pieces or parcels of land situated in the Gundagai Shire Council area, Parishes of Coolac and Mooney Mooney and County of Harden, shown as Lot 101 Deposited Plan 1065027, Lots 32 and 33 Deposited Plan 1049165 and Lots 105 to 109 inclusive Deposited Plan 1065752, being parts of the land in Certificates of Title 82/975128, 2/179739, 84/753599, Auto Consol 11365-6, 113/753599 and 277/753599.

The land is said to be in the possession of W B Scott Nominees Pty Ltd (registered proprietor) and Commonwealth Bank of Australia (mortgagee).

(RTA Papers: FPP 4M3138)

ROADS ACT 1993

LAND ACQUISITION (JUST TERMS COMPENSATION) ACT 1991

Notice of Compulsory Acquisition of Land at Kings Langley in the Blacktown City Council area

THE Roads and Traffic Authority of New South Wales by its delegate declares, with the approval of Her Excellency the Governor, that the land described in the Schedule below is acquired by compulsory process under the provisions of the Land Acquisition (Just Terms Compensation) Act 1991 for the purposes of the Roads Act 1993.

T D Craig
Manager, Compulsory Acquisition & Road Dedication
Roads and Traffic Authority of New South Wales

SCHEDULE

ALL those pieces or parcels of land situated in the Blacktown City Council area, Parish of Prospect and County of Cumberland, shown as:

Lot 3 Deposited Plan 1074875, being part of the land in Certificate of Title 330/244185; and

Lot 4 Deposited Plan 1074875, being part of the land in Certificate of Title 1/1036602.

The land is said to be in the possession of Blacktown City Council.

(RTA Papers FPP 4M5502; RO 40.12608)

ROADS ACT 1993

Notice of Dedication of Land as Public Road
at Nambucca Heads in the Nambucca Shire Council area

THE Roads and Traffic Authority of New South Wales, by its delegate, dedicates the land described in the schedule below as public road under section 10 of the Roads Act 1993.

T D Craig
Manager, Compulsory Acquisition & Road Dedication
Roads and Traffic Authority of New South Wales

SCHEDULE

ALL those pieces or parcels of land situated in the Nambucca Shire Council area, Parish of Nambucca and County of Raleigh, shown as:

Lot 421 Deposited Plan 882328;

Lots 7 and 8 Deposited Plan 749152;

Lot 39 Deposited Plan 711098;

Lot 21 Deposited Plan 873112; and

Lots 11 to 18 inclusive Deposited Plan 749153.

(RTA Papers: 10/317.1142)

Other Notices

ERRATUM NOTICE

IN the *Government Gazette* of the 18 February 2005, Gazette No. 26, Folios 452 to 456, the sections under the headings of "Tenders" and "Private Advertisements" contained incorrect publishing dates.

The date shown was 18 January 2005 this should have read 18 February 2005.

This erratum amends that error and all notices affected maintain the gazettal date of the 18 February 2005.

APPRENTICESHIP AND TRAINEESHIP TRAINING ACT 2001

Notice of Making of a Vocational Training Order

NOTICE is given that the Commissioner for Vocational Training, in pursuance of section 6 of the Apprenticeship and Traineeship Act 2001, has made the following Vocational Training Order in relation to the recognised traineeship vocation of Asset Maintenance.

Citation

The order is cited as the Asset Maintenance Order.

Order

A summary of the Order is given below.

(a) Term of training

(i) Full-time only

Training shall be given for a nominal term of:

Qualification	Nominal Term Months
Certificate II in Asset Maintenance (Carpet Cleaning) PRM20604 (direct entry)	12
Certificate III in Asset Maintenance (Carpet Cleaning) PRM30604 (direct entry)	24
Certificate III in Asset Maintenance (Carpet Cleaning)) PRM30604 (trainee holds Certificate II in same qualification or has attained the competencies through prior learning or industry experience)	12
Certificate II in Asset Maintenance (Cleaning Operations) PRM20104 (direct entry)	12
Certificate III in Asset Maintenance (Cleaning Operations) PRM30104 (direct entry)	24
Certificate III in Asset Maintenance (Cleaning Operations) PRM30104 (trainee holds Certificate II in same qualification or has attained the competencies through prior learning or industry experience)	12
Certificate IV in Asset Maintenance (Cleaning Management) PRM40104 (direct entry)	24
Certificate II in Asset Maintenance (Fire Protection Equipment) PRM20404 (direct entry)	12
Certificate III in Asset Maintenance (Fire Protection Equipment) PRM30404 (direct entry)	24
Certificate III in Asset Maintenance (Fire Protection Equipment) PRM30404 (trainee holds Certificate II in same qualification or has attained the competencies through prior learning or industry experience)	18
Certificate IV in Asset Maintenance (Fire Safety Systems Inspection) PRM40704 (direct entry)	24
Certificate III in Asset Maintenance (Pest Management–Technical) PRM30204 (direct entry)	24
Certificate IV in Asset Maintenance (Pest Management–Technical) PRM30204 (trainee holds Certificate III in same qualification or has attained the competencies through prior learning or industry experience)	12
Certificate IV in Asset Maintenance (Pest Management) PRM40204 (direct entry)	24
Certificate II in Asset Maintenance (Waste Management) PRM20504 (direct entry)	12
Certificate III in Asset Maintenance (Waste Management) PRM30504 (direct entry)	24
Certificate IV in Asset Maintenance (Waste Management) PRM40504 (direct entry)	36

or until achievement of the relevant competencies to this Vocational Training Order is demonstrated.

(ii) Part-time

The nominal term for a part time traineeship is determined by the average weekly hours worked in the traineeship (including structured training) and the nominal full-time term for that traineeship.

The table below identifies the allowable hours which may be undertaken and the nominal terms for part-time traineeships.

Full-time Traineeship Term	6 mths	12 mths	18 mths	24 mths	30 mths	36 mths	48 mths
Weekly Hours	Nominal Term Required (Months)						
15	15	30	45	Not Allowable			
16	15	29	44				
17	14	28	42				
18	14	27	41				
19	13	26	39				
20	13	25	38				
21	12	24	36	48			
22	12	23	35	46			
23	11	22	33	44	55		
24	11	21	32	42	53		
25	10	20	30	40	50	60	
26	10	19	29	38	48	57	
27	9	18	27	36	45	54	72
28	9	17	26	34	43	51	68
29	8	16	24	32	40	48	64
30	8	15	23	30	38	45	60
31	Not Allowable		22	28	35	42	56
32			20	26	33	39	52

(b) Competency outcomes

Trainees will be trained in and achieve competence in the units of competency specified in the Asset Maintenance Training Package.

(c) Courses of study to be undertaken

Trainees will undertake the following courses of study:

Carpet Cleaning

Certificate II in Asset Maintenance (Carpet Cleaning) PRM20604

Certificate III in Asset Maintenance (Carpet Cleaning PRM30604

Cleaning Operations

Certificate II in Asset Maintenance (Cleaning Operations) PRM20104

Certificate III in Asset Maintenance (Cleaning Operations) PRM30104

Certificate IV in Asset Maintenance (Cleaning Management) PRM40104

Fire Protection Equipment

Certificate II in Asset Maintenance (Fire Protection Equipment) PRM20404

Certificate III in Asset Maintenance (Fire Protection Equipment) PRM30404

Fire Safety Systems Inspection

Certificate IV in Asset Maintenance (Fire Safety Systems Inspection) PRM40704

Pest Management

Certificate III in Asset Maintenance (Pest Management–Technical) PRM30204

Certificate IV in Asset Maintenance (Pest Management) PRM40204

Waste Management

Certificate II in Asset Maintenance (Waste Management) PRM20504

Certificate III in Asset Maintenance (Waste Management) PRM30504

Certificate IV in Asset Maintenance (Waste Management) PRM40504

Availability for Inspection

A copy of the Vocational Training Order may be inspected at any State Training Centre of the Department of Education and Training or on the Internet at http://apprenticeship.det.nsw.edu.au.

ASSOCIATIONS INCORPORATION ACT 1984

Cancellation of Incorporation Pursuant to Section 55A

TAKE notice that the incorporation of the following associations are cancelled by this notice pursuant to section 55A of the Associations Incorporation Act 1984.

Cancellation is effective as at the date of gazettal.

Parramatta West Public School Before and After School Care Centre Inc Y1717618

Racewalking New South Wales Inc Inc9881773

Compassion In Action Incorporated Inc9874384

Ensemble 24 Incorporated Y2712627

Sydney Zion Church Incorporated Inc9881562

Bankstown District Circus Academy Incorporated Inc9876108

One Nation NSW Political Party Incorporated Inc9876046

Dated: 17 February 2005.

CHRISTINE GOWLAND,
A/General Manager,
Registry of Co-operatives and Associations,
Office of Fair Trading,
Department of Commerce

CONTAMINATED LAND MANAGEMENT ACT 1997

Environment Protection Authority

Declaration of Remediation Site
(Section 21 of the Contaminated Land Management Act 1997)

Declaration No.: 21047

THE EPA declares the following land to be a remediation site under the Contaminated Land Management Act 1997 ("the Act"):

1. Land to which this declaration applies ("the site")

The site incorporates the Mobil Service Station, Hume Highway, Tarcutta, NSW and that part of the adjacent Council footpath and nature strip area, located between

the Mobil Service Station and the Hume Highway, that is impacted by contaminated groundwater, comprising the following areas:

Lot 15 in DP 251805;

Lot 184 in DP 757255;

Lot A ,DP 935041; and

Lot B, DP 935041;

in the local government area of Wagga Wagga.

A drawing showing the land to which this declaration applies is attached.

2. Nature of the substances causing the contamination:

- Petroleum hydrocarbons (characterised mainly by C_6-C_9); and
- Benzene.

3. Nature of harm that the substance may cause:

The EPA has considered the matters in s.9 of the Act and on the basis of the information available found that the site is contaminated in such a way as to present a significant risk of harm for the following reasons:

- Groundwater in the upper aquifer at the site is contaminated with petroleum hydrocarbons at concentrations significantly exceeding the Australian Drinking Water Guidelines (NHMRC and ARMCANZ, 1996) and is indicative of separate phase contamination; and
- The contaminated groundwater has migrated beyond the boundary of the site into the adjoining footpath and may potentially migrate down into the lower aquifer which is sourced for town water supply.

4. Further action under the Act

The making of this declaration does not prevent the carrying out of a voluntary remediation of the site and any person may submit a voluntary remediation proposal for the site to the EPA. If the proposal satisfies the requirements of s.26 of the Act, the EPA may agree not to issue a remediation order to the person or persons bringing the proposal.

5. Submissions invited

The EPA advises that the public may make written submissions to the EPA on:

- Whether the EPA should issue a remediation order in relation to the site; or
- Any other matter concerning the site.

Submissions should be made in writing to:

Director Contaminated Sites
Department of Environment and Conservation
PO Box A290
SYDNEY SOUTH NSW 1232

or faxed to: (02) 9995 5930

by not later than 25 March 2005.

Dated: 21 February 2005.

CAROLYN STRANGE,
Director,
Contaminated Sites,
Department of Environment and Conservation

NOTE:

Remediation order may follow

If remediation of the site or part of the site is required, the EPA may issue a remediation order under s.23 of the Act.

Variation/Revocation

This declaration remains in force until it is otherwise varied or revoked. A declaration may only be revoked when the EPA does not have reasonable grounds to believe that land is contaminated in such as way as to present a significant risk of harm (s.44 of the Act).

Information recorded by the EPA

S.58 of the Contaminated Land Management Act 1997 requires the EPA to maintain a public record. A copy of this remediation declaration will be included in the public record.

Information recorded by councils

S.59 of the Act requires the EPA to give a copy of this declaration to the relevant local council. The council is then required to note on its planning certificate issued pursuant to s.149 (2) of the Environmental Planning and Assessment Act that the land is currently an area covered by a declaration issued under the Act. The EPA is required to notify council as soon as practicable when the declaration is no longer in force and the notation on the s.149 (2) certificate is removed.

CO-OPERATIVES ACT 1992

Notice Under Section 601AA of the Corporations Law as Applied by Section 325 of the Co-operatives Act 1992

NOTICE is hereby given that the Co-operative mentioned below will be deregistered when two months have passed since the publication of this notice:

The Wholesale Property Co-operative Limited.

Dated this 17th day of February 2005.

R. SMITH,
Delegate of the Registrar of Co-operatives

DISTRICT COURT ACT 1973

District Court of New South Wales

Direction

PURSUANT to section 32 of the District Court Act 1973, I direct that the District Court shall sit in its civil jurisdiction at the place and time shown as follows:

Orange, 10:00 a.m., 26 April 2005 (2 weeks), in lieu of 26 April 2005 (3 weeks).

Dated this 17th day of February 2005.

R. O. BLANCH,
Chief Judge

LAND ACQUISITION (JUST TERMS COMPENSATION) ACT 1991

NOTICE

I, the Hon. JOHN DELLA BOSCA, Minister for Commerce, pursuant to section 60(2)(b) of the Land Acquisition (Just Terms Compensation) Act 1991, notify the amount of $20,631.00 as the maximum amount of compensation in respect of solatium for land acquisitions taking effect on or after 1 March 2005.

Dated at Sydney, this 22nd day of February 2005.

The Hon. JOHN DELLA BOSCA, M.P.,
Minister for Commerce

LOCAL GOVERNMENT ACT 1993

Coopernook Sewerage
Vesting of land in MidCoast County Council

THE Minister for Energy and Utilities of the State of New South Wales, declares that the land described in the Schedule hereto, which was acquired for the purpose of the Coopernook Sewerage Scheme is vested in MidCoast County Council.

FRANK ERNEST SARTOR, M.P.,
Minister for Energy and Utilities

SCHEDULE

Land

Lot 2 in Deposited Plan 1063115.

DoC Reference: 268.

NATIONAL PARKS AND WILDLIFE ACT 1974

Clybucca Historic Site
Plan of Management

A draft plan of management for Clybucca Historic Site has been prepared and is on exhibition until 30 May 2005.

Copies of the plan are available free of charge from the NPWS Mid North Coast office, 152 Horton Street, Port Macquarie (phone 6584 2203); and Trial Bay Gaol, Arakoon State Conservation Area, Cardwell Street, Arakoon (phone 6566 6168). The plan can also be viewed at the Kempsey Library, Elbow Street, Kempsey; Stuarts Point Library, Corner of Ocean Avenue and Marine Parade, Stuarts Point; Macksville Library, Princess Street, Macksville; Nambucca Library, Ridge Street, Nambucca Heads; and on the NPWS website: www.nationalparks.nsw.gov.au.

Written submissions on the plan must be received by The Planning Officer, Clybucca Historic Site, National Parks and Wildlife Service, PO Box 61, Port Macquarie NSW 2444 by 30 May 2005.

All submissions received by NPWS are a matter of public record and are available for public inspection upon request to NPWS. Your comments on this draft plan may contain information that is defined as "personal information" under the NSW Privacy and Personal Information Protection Act 1998. The submission of personal information with your comments is voluntary.

NATIONAL PARKS AND WILDLIFE ACT 1974

Cuumbeun Nature Reserve
Stony Creek Nature Reserve
Wanna Wanna Nature Reserve

Plans of Management

DRAFT plans of management for Cuumbeun, Stony Creek and Wanna Wanna Nature Reserves have been prepared and are on exhibition until 30 May 2005.

Copies of the plans are available free of charge from the NPWS offices at 6 Rutledge Street, Queanbeyan (ph 6299 2929) and 7A Adelong Street, Tumut (ph 6947 7000). The plans are also on the NPWS website: www.nationalparks.nsw.gov.au.

Written submissions on these plans must be received by The Planner, National Parks and Wildlife Service, PO Box 472, Tumut NSW 2720 by 30 May 2005.

All submissions received by NPWS are a matter of public record and are available for public inspection upon request to NPWS. Your comments on this draft plan may contain information that is defined as "personal information" under the NSW Privacy and Personal Information Protection Act 1998. The submission of personal information with your comments is voluntary.

PESTICIDES ACT 1999

Notice under Section 48 (4)

NOTICE is hereby given, pursuant to section 48 (4) of the Pesticides Act 1999, that I have granted a Pilot (Pesticide Rating) Licence, particulars of which are stated in the Schedule.

ALAN RITCHIE,
Manager Dangerous Goods,
Environment Protection Authority
by delegation

SCHEDULE

Pilot (Pesticide Rating) Licence

Name and address of Licensee	*Date of Granting of Licence*
Mr Andrew James Thomas KERR 25 Coronation Drive Innisfail Qld 4860	18 February 2005

TRANSPORT ADMINISTRATION ACT 1988

LAND ACQUISITION (JUST TERMS COMPENSATION) ACT 1991

Notice of Compulsory Acquisition of Land for the purposes of the Rail Infrastructure Corporation

THE Rail Infrastructure Corporation, with the approval of Her Excellency the Governor, declares that the land described in the Schedule hereto is acquired by compulsory process under the provisions of the Land Acquisition (Just

Terms Compensation) Act 1991, for the purposes of the Rail Infrastructure Corporation, as authorised by the Transport Administration Act 1988.

Dated this 28th day of January 2005.

BOB PENTECOST,
Chief Executive Officer

SCHEDULE

All those pieces of land situate at Metford in the in the Local Government Area of Maitland, Parish of Maitland, County of Northumberland, in the State of New South Wales, being Part Lot 378, DP 755237; Part Lot 2, DP 755237 and Part Lot 7028, DP 1039867, having a total area of 1.369 hectares or thereabouts and shown on Drawing No. 32016/SKC/252 Issue D, held in the offices of the Rail Infrastructure Corporation and said to be in the possession of the Crown.

RIC Reference: PM 744.

TRANSPORT ADMINISTRATION ACT 1988

LAND ACQUISITION (JUST TERMS COMPENSATION) ACT 1991

Notice of Compulsory Acquisition of Land for the purposes of Rail Corporation New South Wales

RAIL Corporation New South Wales, with the approval of Her Excellency the Governor, declares that the land described in the Schedule hereto is acquired by compulsory process under the provisions of the Land Acquisition (Just Terms Compensation) Act 1991, for the purposes of Rail Corporation New South Wales, as authorised by the Transport Administration Act 1988.

Dated this 24th day of February 2005.

VINCE GRAHAM,
Chief Executive Officer

SCHEDULE

(Land)

All that piece or parcel of land situate at Mount Druitt in the Local Government Area of Blacktown, Parish of Rooty Hill, County of Cumberland and State of New South Wales, being Lot 1 in Deposited Plan 1072781 having an area of 9.6 square metres or thereabouts and said to be in the possession of Blacktown City Council.

All that piece or parcel of land situate at Mount Druitt in the Local Government Area of Blacktown, Parish of Rooty Hill, County of Cumberland and State of New South Wales, being Lot 2 in Deposited Plan 1072781 having an area of 126 square metres or thereabouts and said to be in the possession of Blacktown City Council.

RailCorp Reference: 013528.

WATER MANAGEMENT ACT 2000

Determination under Section 315
Cobar Water Board

PURSUANT to section 315(1) and (2) of the Water Management Act 2000, Cobar Water Board has made the Determination set out in the Schedule in respect of its water charges for 2003/2004. The Determination has been approved by the Minister under section 315(3)(a) of that Act.

Dated this day 17th day of February 2005.

STEPHEN WALL,
Secretary,
Cobar Water Board

SCHEDULE

Cobar Shire Council	$0.3835921/KL
Endeavor Mine	$0.3980068/KL
Peak Hill Mines	$0.3912493/KL

File No.: WB1-8.

PROTECTION OF THE ENVIRONMENT OPERATIONS ACT 1997

Notice of issue of Load Calculation Protocol

I, LISA CORBYN, Director-General of the Department of Environment and Conservation, on behalf of the Environment Protection Authority under Clause 18(3) of the Protection of the Environment Operations (General) Regulation 1998, issue an amended version of the Load Calculation Protocol entitled Load Calculation Protocol for use by holders of NSW Environment Protection Licences when calculating assessable pollutant loads.

Dated: 15 December 2004.

LISA CORBYN,
Director-General,
Department of Environment and Conservation

Load Calculation Protocol

(February 2005)

for use by holders of NSW environment protection licences when calculating assessable pollutant loads

Department of
Environment and Conservation (NSW)

The Environment Protection Authority (EPA) is a statutory body with specific powers under environment protection legislation. In September 2003, the EPA became part of the Department of Environment and Conservation (DEC).

This document was published by DEC on behalf of the EPA.

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Email: info@environment.nsw.gov.au
Website: www.environment.nsw.gov.au

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About this document

This document is the 'Load Calculation Protocol' referred to in the Protection of the Environment Operations (General) Regulation 1998 (the 'Regulation'). It sets out the methods that holders of licences issued under the *Protection of the Environment Operations Act 1997* (the 'Act') must use to calculate assessable pollutant loads.

The Protocol has two parts:

- Part A provides generic information applicable to all licence-holders who are required by the Regulation to calculate pollutant loads.
- Part B sets out additional specific requirements that relate to particular fee-based activity classifications of licensed activities listed in Schedule 1 of the Regulation. It includes a Worksheet to use for the calculations required by the Protocol.

This document is available on the Department of Environment and Conservation's (DEC) website or in print by contacting DEC on 131 555. Copies of the Act and the Regulation are also available from the DEC website or in print from the NSW Government Bookshop, phone (02) 9238 0950 or 1800 463 955 (NSW country only).

In the case of any inconsistency between the Protocol and the Regulation, the latter prevails to the extent of the inconsistency. Where the Protocol and the licence require different types of monitoring, each must be conducted. Contact the local DEC Regional Manager if you find significant anomalies.

The fee-based activity classifications referred to in the Protocol came into effect on 1 July 1999.

A revised Load Calculation Protocol will be published in the *NSW Government Gazette* from time to time, reflecting agreed improvements or additions. The Environment Protection Authority (EPA) may agree in writing to a new or revised method of load calculation to be available for one or more licensees.

This version of the Protocol was gazetted on 25 February 2005.

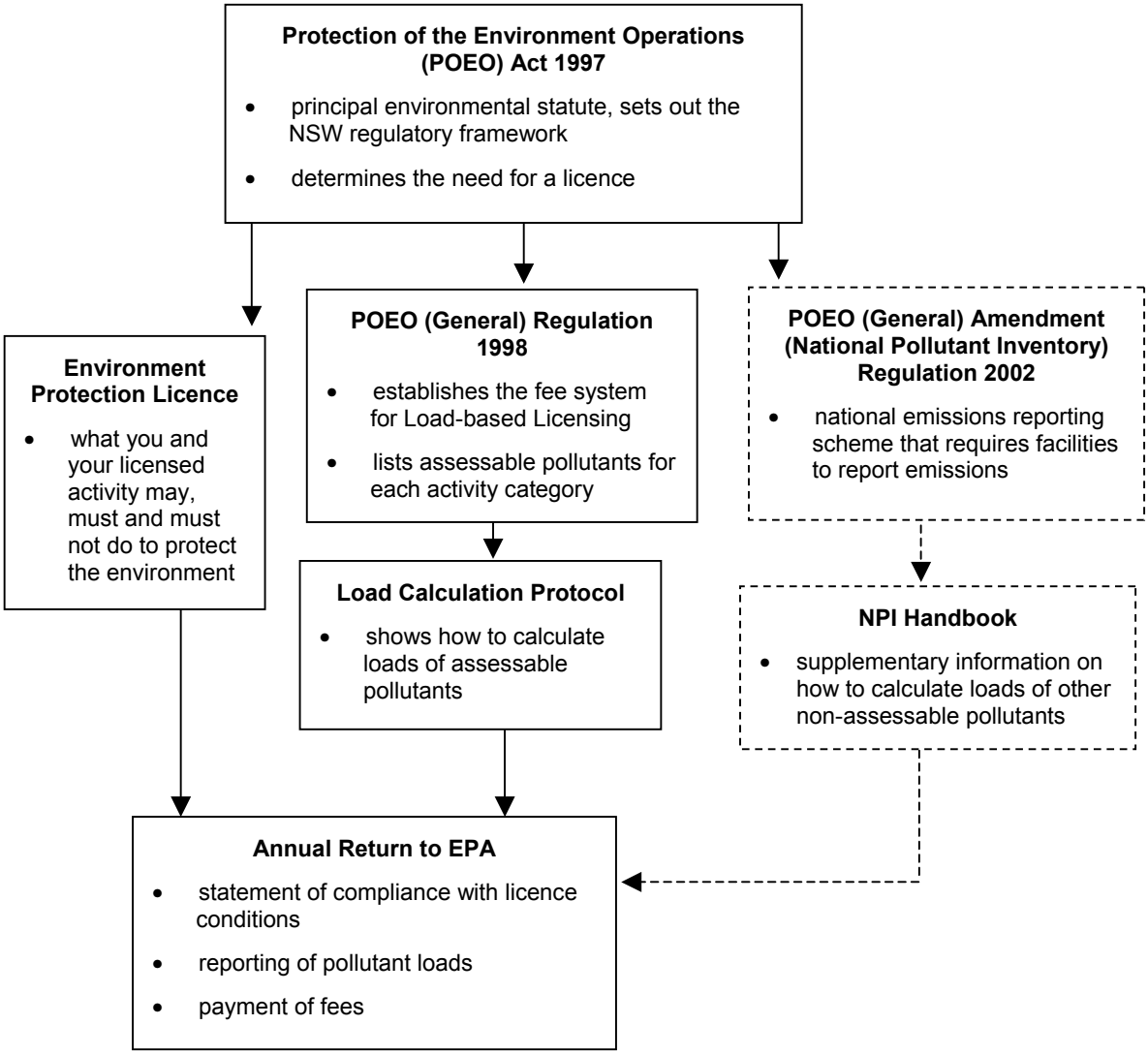
Contents

PART A

1. Generic requirements

1.1 Overview of the regulatory framework

This section explains how this Load Calculation Protocol fits into the NSW environmental regulatory framework. It also explains the relationship between Load-based Licensing (LBL) and the National Pollutant Inventory (NPI). The figure below shows the relationships between the various elements of these schemes.



1.1.1 Linkages between LBL and the NPI

LBL is NSW's pollution licensing scheme. Failure to comply with its requirements is an offence and can involve significant penalties.

The NPI is a national reporting scheme, administered in NSW by the Environment Protection Authority (EPA). Both LBL and NPI may require similar emission data for some substances. Where this is the case, it is recommended that LBL data is used for NPI purposes.

For further details on the NPI, call the Department of Environment and Conservation (DEC) on 131 555 or go to the NPI website at www.npi.gov.au

1.2 Assessable pollutants and assessable pollutant loads

Schedule 1 of the Regulation lists those licensed activities which attract a fee. This subset of all the licensed activities also specifies assessable pollutants for these 'fee-based' activity classifications.

For example, the assessable pollutants for the fee-based activity classification of 'Cement or lime production' are:

Air pollutants	Water pollutants
Fine particulates	None
Coarse particulates	
Nitrogen oxides (NO_x)	
Sulfur oxides (SO_x)	

Part B of this Protocol lists the assessable pollutants for each fee-based activity classification. If more than one fee-based activity classification applies to a licence, the assessable pollutants include the sum of the pollutants listed for each classification. Licensees are responsible for ensuring that they follow the correct protocol for each fee-based activity classification relevant to their licence. Call DEC on 131 555 for help.

The Regulation requires calculation of pollutant loads and payment of pollutant load fees based on the assessable loads of each assessable pollutant. This Protocol prescribes the range of acceptable methods available to licensees to calculate assessable loads.

An annual return form will be provided with the licence. The assessable loads and fee calculations must be recorded on the worksheets included in the annual return.

1.2.1 Categories of pollutant loads under LBL

The **assessable load** of a pollutant is the *lowest* of the actual, weighted or agreed load. Fees are calculated using the assessable load.

The **actual load** of a pollutant is the mass (in kilograms) of the pollutant released into the environment from the potential emission sources listed in Part B of this Protocol for each fee-based activity classification. It is calculated by using the methods prescribed by this Protocol.

The actual load includes liquid wastes transferred to other parties. However the actual load does not include pollutants discharged to sewer services operated by water supply authorities; pollutants fully contained within controlled production processes on-site or at other sites; or loads transferred to other licensees whose activities have the same assessable pollutants which are then included in their own assessable loads.

Actual loads also do not include pollutants contained in solid wastes that are lawfully transferred to landfill or other waste facilities or that are subsequently recycled, reprocessed or consumed.

Actual loads also include loads received from other licensed premises, unless these loads are managed so that one of the exceptions listed above applies.

The **weighted load** of a pollutant is the actual load adjusted using one of the load-weighting methods set out in Section 5 of the Protocol. Weighted loads can result in lower fees being required in recognition of practices or circumstances that reduce environmental harm without reducing the actual pollutant loads. Examples include ceasing or reducing discharges during unfavourable conditions, and the sustainable reuse of effluent.

The **agreed load** is a load that will be achieved through future improvements as part of a Load Reduction Agreement, or an amount permitted to be reported as part of a 'bubble' licence agreement with the EPA. More information about agreed loads is provided in Section 6 of the Protocol.

1.2.2 Record-keeping and submission of information to the EPA

The system of load calculations may be described as 'audited self-assessment'. Licensees are required to take all the necessary steps to calculate pollutant loads. Generally, the EPA needs to see only the final load figures and the subsequent fee calculations. This information is to be reported to the EPA annually using the pro-forma annual return that is provided to each licensee.

Licensees are required to keep all records used to calculate licence fees for four years after the licence fee was paid or became payable, whichever is the later date. Licensees may be asked to produce the records for auditing at any time. It is a condition of each licence that the licensee (or the approved delegate) must personally certify each year that load calculations have been correctly completed and records have been kept as required by this Protocol. There are significant penalties for failure to comply with this requirement.

1.3 Overview of methods for calculating actual loads

There are three methods for calculating actual pollutant loads. Some, however, may not be suitable in a particular situation. The methods are source monitoring, emission factors and mass balance calculations.

Source Monitoring (SM)—see Section 2

Loads are calculated by direct measurement or representative sampling at the facility. The details of how to undertake source monitoring are fully described in Section 2 of the Protocol.

Emission Factors (EF)—see Section 3

Emission factors are formulae that relate known emission characteristics to other variables that are easier or more economical to monitor than the pollutants themselves. For example, it may be known that a particular boiler generates *x* kg of NO_x for every hour of stable operation and *y* kg of SO_x for every tonne of coal consumed.

Two classes of emission factors are available: generic and site-specific. All licensees may use applicable generic factors that are based on industry-wide data and are conservative. Where a licensee following an EPA-approved demonstration program of monitoring can show a better level of performance than the level calculated from generic factors, the EPA may authorise the use of a site-specific emission factor. In some cases, a Predictive Emission Monitoring System (PEMS) may be used.

Mass Balance Calculations (MB)—see Section 4

A mass balance generally involves the calculation of pollutant load from a particular activity by quantifying the materials going into and out of a process.

TANKS—see Section 4

TANKS is a software package that may be used to determine emissions of benzene and volatile organic compounds (VOCs) from bulk storage tanks.

1.3.1 Selecting load calculation methods

For the purpose of load calculations, Part B of this Protocol divides each activity into a number of components. Each of these components has been identified as a potential source of discharge for one or more assessable pollutants.

The tables in Part B show components of activity and assessable pollutants for each applicable fee-based activity classification, and list the acceptable methods for calculating pollutant loads. Where more than one method is shown as acceptable, licensees may use any of the acceptable methods, as shown for a sample industry in Table 1.

Table 1: Acceptable load calculation methods of assessable air pollutants for a sample industry

Component or activity	Assessable pollutants			
(Potential source of pollutants)	*Fine particulates*	*Coarse particulates*	*Sulfur oxides*	*Nitrogen oxides*
Raw material processing	SM—PM EF—SS	SM—PM EF—SS	*	*
Stack discharge (chimney)	SM—PM EF—SS	SM—PM EF—SS	SM—CEMS EF—SS MB	SM—PM, CEMS EF—SS

SM—source monitoring (see Section 2 and Part B) (PM—periodic monitoring; CEMS—continuous emission monitoring system)

EF—emission factors (see Section 3 and Part B) (SS—site specific)

MB—mass balance (see Section 4 and Part B)

* No load calculation required: report zero in calculations.

1.3.2 LBL Technical Review Panel

The Regulation established the LBL Technical Review Panel to advise the EPA on the current or desirable contents of the Load Calculation Protocol. The Panel includes representatives of licensees, local government, environment groups, DEC and an independent adviser.

The EPA is committed to providing accurate and cost-effective methods for calculating pollutant loads. It expects that licensees will want to see additional or revised load calculation methods included in the Protocol over time. These include:

- development of site-specific emission factors
- changes to generic emission factors to reflect new data or new abatement strategies
- modification of sampling or analysis methods
- addition of new monitoring techniques
- addition of other load calculation methods (in addition to source monitoring, emission factors and mass balance).

Licensees proposing changes for consideration should first contact the LBL Technical Review Panel's liaison officer by phoning DEC on 131 555.

1.3.3 Summary example of how to calculate and report loads

1. **Identify the classification(s) of activity and assessable pollutants**

   Consult Schedule 1 of the Regulation and identify all the fee-based classifications of activity that apply to the licensed activity. These should be the same as the fee-based classifications shown on the licence. Call the local DEC regional office (the telephone number is listed in the licence) and ask to have the licence amended if this not the case.

   Note the names of the assessable pollutants for each applicable classification.

2. **Select the method for calculating actual loads**

   Refer to Part B of the Protocol for the relevant fee-based activity classifications and select the preferred load calculation method for each pollutant in each component of activity.

3. **Undertake load calculations using methods in the Protocol**

   Calculate the load for each component of activity listed in Part B. Where source monitoring is used, follow the directions in Section 2. If emission factors are used, follow the directions in Section 3. Requirements for mass balance calculations are set out in Section 4.

4. **Calculate and record the total actual loads**

   Record the results of the calculations for each assessable pollutant for each component or activity in Worksheet 2 in Part B. Then add up the total actual load for each assessable pollutant on the same Worksheet.

4a Calculate any weighted loads (optional)

See Section 5 of the Protocol. Record the resulting weighted loads on the Worksheet.

4b Note any agreed load (as agreed in a Load Reduction Agreement)

See Section 6 of the Protocol. Record the applicable agreed load in the load calculation Worksheet. Agreed loads are available where the licensee has made a commitment to reduce pollutant loads by an agreed future date, or where the licence is part of a licence 'bubble'.

5. Copy the load data into the annual return

Copy the actual load data (and any weighted or agreed load data) for each assessable pollutant into the fee calculation pages of the annual return. The annual return is a separate form provided with the licence that includes certification of licence compliance.

Complete the fee calculations and the other parts of the annual return by following the instructions provided with it. The statement of compliance with the annual return must be certified (signed) by the licensee (or approved delegate) and submitted to the EPA within 60 days after the end of the licence fee period. Licence fee payments are also due at this time.

For help in completing the annual return (or for an additional copy), contact DEC (details are shown in the licence).

Note: Retain Parts A and B of the Protocol with all records of the load calculations. Send only copies of the annual return worksheets to the EPA.

2. Using source monitoring to calculate actual loads

Source monitoring involves collecting volume and concentration data. It may be continuous or periodic.

Actual loads of air and water pollutants emitted or discharged over a given time period can be determined by monitoring the volume of emissions/discharges over that time period and the pollutant concentration (pollutant mass per unit volume) in the emission/discharge:

$$\text{pollutant load} = \text{pollutant concentration} \times \text{volume}$$

Volume normally needs to be measured continuously. Pollutant concentration, however, provided that it remains generally constant, can be established via a statistically-rigorous sampling regime.

2.1 General requirements for source monitoring

For activities requiring source monitoring or where the licensee has chosen source monitoring to calculate actual pollutant loads for a component of the activity, load data must be collected in accordance with the following requirements:

1. Sampling points and monitoring procedures must be established to provide data representative of the actual loads generated at the facility.
2. Monitoring loads of assessable pollutants discharged to the environment *must* be conducted strictly in accordance with:
    - the requirements of the EPA licence
    - *Approved Methods for the Sampling and Analysis of Air Pollutants in NSW* available on the DEC website
    - *Approved Methods for the Sampling and Analysis of Water Pollutants in NSW* available on the DEC website.
3. All records used to calculate licence fees must be kept. These include:
    - a description of the intended monitoring program for LBL purposes
    - a site map showing all discharge points and monitoring locations
    - the actual monitoring undertaken and, if applicable, any reasons why it varied from the intended monitoring program
    - the sample-handling procedures used to ensure the integrity of the sample, e.g. sample date; results; units of measurement; method used, including sampling and analysis procedure, sample preservation and storage before transfer to the laboratory for analysis; name of officer collecting and handling the samples; name of laboratory; laboratory sample number; and name of the monitoring point.
4. Where there is a discrepancy between the sampling frequency required by a specific licence and those set out in this document, the more frequent sampling requirement is to be used. Contact the local DEC Regional Office for further details.

2.1.1 Practical Quantitation Limit (PQL)

The 'PQL' is the lowest level at which a substance can be routinely quantified and reported by a laboratory.

When a sample result is reported at below the PQL for the test, half the PQL value may be used for that sample for load calculation purposes. Where 50% or more of the sample results for a particular pollutant are below the PQL, zero may be reported for those samples. This applies to samples collected during the licence fee period.

The approved methods for air sampling and analysis (see Section 2.1) generally list only one analysis method for each substance to be analysed or 'analyte'. However, the approved sampling and analysis methods for water list a number of methods for each analyte.

For the purposes of LBL load fee calculations, Table 2 lists the maximum acceptable PQL for each analyte in discharges to waters, irrespective of which approved method is used. If a PQL is used with a value below that listed for the substance in Table 2, the licensee must be able to validate and document the ability of the laboratory to achieve this PQL in the specific matrix type.

Table 2: Acceptable PQLs for analytes discharged to waters

Analyte (pollutant)	PQL
Arsenic (As)	10 µg/L
BOD	2 mg/L
Cadmium (Cd)	5 µg/L
Chromium (Cr)	10 µg/L
Conductivity	5 µS/cm[a]
Copper (Cu)	10 µg/L
Fluorinated hydrocarbons	5 µg/L
Lead (Pb)	20 µg/L
Mercury (Hg)	0.5 µg/L
Oil and grease (O&G)	5 mg/L
Organophosphorus compounds (diazinon, chlorpyrifos, malathion, parathion)	0.5 µg/L
PCBs	0.2 µg/L
Pesticides (as listed in Regulation) (other than organophosphorus compounds)	0.05 µg/L
Selenium (Se)	10 µg/L
Total nitrogen (N)	0.3 mg/L
Total phenolics	0.2 mg/L
Total phosphorus (P)	0.02 mg/L
Total polycyclic aromatic hydrocarbons (PAHs)	10 µg/L
Total suspended solids (TSS)	3 mg/L
Zinc (Zn)	50 µg/L

[a] For conductivity, 5 µS/cm is equivalent to about 3 mg/L of dissolved salt.

2.1.2 Missed samples

Table 3 shows what to do when the required frequency of sampling set out in Sections 2.2 and 2.3 has not been met. Licensees must meet the greater of these requirements. In some cases, where the required number of samples is not collected, the missing data can be replaced using data obtained over the previous 12 months. Table 3 lists actions that must be taken based on the required sampling frequency and the amount of missing data. If scheduled samples are missed, they may be replaced only within the allowable period (i.e. the minimum time between sample collection must be maintained).

Table 3: Procedure for missed samples

Required sampling frequency					Procedure for missed samples [a]
< 5 per year	5–12 per year	13–25 per year	26–53 per year	> 53 per year or continuous	
Not applicable	Not applicable	Miss 1 sample	Miss 1 or 2 samples	Miss up to 2.5% of samples or, for continuous monitoring, miss up to 15% of monitoring time	Action 'A': Replace missing data with mean of data obtained over the previous 12 months.
Not applicable	Miss 1 or 2 samples	Miss 2 or 3 samples	Miss 3 or 4 samples	Miss between 2.5% and 5% of samples or, for continuous monitoring, miss 15-20% of monitoring time	Action 'B': Replace missing data with the mean of data obtained over the previous 12 months + 20%.
Miss any samples	Miss > 2 samples	Miss > 3 samples	Miss > 4 samples	Miss > 5% of samples or, for continuous monitoring, miss >20% of monitoring time	Action 'C': Report failure to collect required samples to DEC Regional Manager within 7 days of failure. Use data from the same time period for the previous year + 30%, or the mean of the data obtained over the current 12 months + 30%.

[a] The arithmetic mean should be used when using historical data.

2.1.3 Laboratory accreditation requirements

The laboratory used to analyse assessable pollutants must be certified to do the analyses by an independent accreditation body acceptable to the EPA, such as the National Association of Testing Authorities (NATA).

Exemptions from the certification requirement are available in special circumstances as specified below.

If it is impractical to use a certified laboratory because of remote location or special circumstances, a non-certified laboratory may be used for the analysis, provided some duplicate samples are sent for independent blind analysis to a certified laboratory. Duplicates of at least 5% of samples (minimum of one sample) must be analysed by the certified laboratory each year. The duplicate samples must be representative of normal

operating conditions and taken in the first quarter of the licence fee period. If normal operating conditions do not occur in the first quarter, samples should be collected as soon as normal operating conditions are attained.

Note that all laboratories used for analysis must have an effective quality assurance program. Where a 20% or greater variance is reported, licensees must investigate the reasons for the variance and take all necessary follow-up actions.

Licensees must advise the EPA in writing when they use a non-certified laboratory. The advice must include a statement of the reasons for the use of the laboratory, a list of the analytes tested, variances in results, and the name of the laboratory that did the analyses. The advice must be sent to the EPA with the Annual Return.

2.2 Additional requirements for monitoring water pollutants

2.2.1 Monitoring of discharge concentration

All samples must be collected so that they are representative of the condition being investigated and in a manner consistent with the sample collection and handling guidelines referred to in *Approved Methods for the Sampling and Analysis of Water Pollutants in NSW*.

Sampling must be undertaken at the discharge point specified in the licence, or if not specified, as close as practicable to the actual point of discharge.

Samples must be analysed for water pollutants by the methods set out in *Approved Methods for the Sampling and Analysis of Water Pollutants in NSW*.

Minimum sampling frequencies are given in Table 4 (refer to Section 2.1 point 4 for clarification where monitoring frequency discrepancies between a licence and the Protocol exist).

Table 4: Sampling frequency for activities where licence permits discharge to waters at any time

Average dry-weather flow (kL/day) discharged	Minimum sampling frequency for assessable pollutants		
	BOD, total suspended solids, total nitrogen, total phosphorus, salt	Oil and grease	All other pollutants
< 1,200	Quarterly grab sample, min. 80 days apart	Quarterly grab sample, min. 80 days apart	Quarterly
1,200–3,600	6 representative pooled samples* per year, min. 50 days apart	6 representative grab samples per year, min. 50 days apart	
3,601–24,000	12 representative pooled samples* per year, min. 25 days apart	12 representative grab samples per year, min. 25 days apart	
> 24,000	24 representative pooled samples* per year, min. 15 days apart	24 representative grab samples per year, min. 15 days apart	

* A pooled sample is defined as at least three grab samples forming the pooled sample, with the first and last samples taken at least 7 hours apart.

For intermittent discharges which are too infrequent for the minimum sampling frequency in Table 4 to be met, contact the DEC Regional Manager who may approve, in writing, an alternative monitoring frequency.

For activities where the licence does not permit discharge to waters (except during or following wet weather), all assessable pollutants must be monitored by the collection and analysis of one representative sample of each overflow event to a maximum of 6 samples per year.

2.2.2 Monitoring of discharge volume

Volume is calculated by multiplying recorded flow during a single period or over a specified series of periods:

$$\text{Discharge volume} = \text{sum of (flow rate} \times \text{time)}$$

Flow monitoring apparatus must be located so that the whole volume that contains loads of assessable pollutants is calculated in compliance with the requirements given in Table 5.

To record different disposal methods for each effluent stream (in order to benefit from lower fees through load weighting of less than all the effluent), the volume of each effluent stream must be calculated separately.

Where flow rate measurements are missed, apply the requirements set out in Table 3.

Table 5: Minimum acceptable methods for monitoring flow rate for STPs and other licensed activities

Average dry-weather flow rate at sampling point (kL/day)	Minimum method for measuring flow rate[a]
< 1,200	Measure pump capacity *in situ* (under a range of operating conditions as applicable) and record hours run under each; or Use water input data and subtract verifiable and documented amounts lost or consumed (i.e. not included in discharges); or For gravity-operated sewage treatment systems only: estimate based on 300 litres per head of population per day.[b]
≥ 1,200	Continuous measurement device; or Use volume balance calculation for water: Determine water entering and then subtract verifiable and documented amounts lost or consumed.

[a] For STPs, outflow measurement is the preferred method for monitoring flow. Inflow data may be used. If so, net evaporation losses may be deducted from the inflow data and calculated as follows:

Estimated discharge = inflow – sum of [(evaporation – rainfall) × pond or lagoon surface area]

[b] Using 300 litres per head of population per day and the most recent census data avoids the need to make allowances for non-residential flows. Where census population does not correlate well with the population served by the STP, use population/tenement (from census) multiplied by the number of connections.

Accuracy and calibration of flow monitoring equipment

Flow-monitoring equipment (primary flow control structures and flow-sensing and recording equipment) should have a level of accuracy equivalent to 10% of the mean flow rate. Equipment must be calibrated (or, where appropriate, serviced and adjusted) according to the manufacturer's instructions or at least once a year to demonstrate the range of accuracy that has been achieved. Records of the calibration procedure and its results must be kept for four years after applicable pollution load fees are paid or payable, whichever is later.

2.2.3 Accounting for received background pollutants

In some cases, a portion of the pollutant load contained in discharges from licensed activities during the licence fee period may have originated from ambient sources rather than the 'polluting' activities of licensees. The proportion of the pollutant load derived from ambient sources may be deducted when calculating the actual load.

The ambient input pollutant loads must be:

- contained in runoff from the catchment above the premises or waters extracted from natural water bodies — e.g. rivers, harbours, oceans — and not water contaminated by activities at the licensed premises (either past or present)
- monitored using the same monitoring protocol as prescribed for calculating pollutant discharge loads (including record-keeping).

2.2.4 Deducting pollutant loads transferred to other licensed activities

Where assessable pollutant loads are transferred to other licensed activities with the consent of the recipient via pipelines, tankers or other secure enclosed methods, the amount of these loads may be deducted from the actual load calculations.

This deduction applies only if the activity or the recipient's premises is licensed under the POEO Act and:

- either the licence fee classification of the recipient's licence includes at least the same assessable water pollutants as the donor licensee, and the recipient licensee includes the loads received in doing their own actual pollutant load calculations, or
- the recipient reprocesses or consumes the pollutant loads so that they are not discharged or emitted to the environment (i.e. recycled, reprocessed or consumed as discussed in Section 1.2.1).

For information about all other transfers, see Sections 1.2.1 and 5.1.2.

2.2.5 Calculating actual pollutant loads discharged to waters

Having determined the concentration of each assessable pollutant and volume data in relation to a discharge, use the steps below to calculate the actual load of the pollutant discharged.

1. Calculate the observed load on each day a pollutant concentration sample is collected:

$$L_d = C_d \times V_d / 1000$$

where

L_d = day's observed load of the pollutant (kg)

C_d = concentration of the pollutant on the day (mg/L)

V_d = day's total volume of discharge (kL).

2. Sum the observed daily loads (kg).
3. Divide the total from Step 2 by the total volume (kL) for those days. The result is the flow-weighted concentration (kg/kL).
4. Multiply the flow-weighted concentration from Step 3 (kg/kL) by the total volume of the licence fee period (kL).

Repeat for each assessable pollutant and record the results on a copy of load calculation Worksheet 2 provided in Part B of the Protocol.

2.2.5.1 Calculating actual pollutant loads discharged to waters where $V_d = 0$

1. If sampling is conducted on a day when $V_d = 0$, BUT there is some discharge during the 'sampling frequency period', determine a time-weighted load (L_t) instead, for that sample only as follows:

   $L_p = C_p \times V_p / 1000$

   $L_t = L_p / n$

   Where:

   L_p = *calculated load of the pollutant (kg) over minimum sampling frequency period*

   C_p = *concentration of the pollutant (mg/L) on the day when* $V_d = 0$

   V_p = *total flow (kL) over minimum sampling frequency period (as determined by Table 4)*

   L_t = *day's observed load of the pollutant (kg) when* $V_d = 0$

   n = *number of days in the minimum sampling frequency period (as determined by Table 4)*

   V_p should be calculated using methods outlined in Table 5.

2. Sum the observed daily and/or time-weighted loads.

3. Divide the total from Step 2 by the total volume (kL) for those days – use $V_t = V_p / n$ to obtain average daily volume flow during sampling period when $V_d = 0$.

4. Multiply the flow-weighted concentration from Step 3 (kg/kL) by the total volume of the licence fee period (kL).

2.2.6 Calculating salt load

Salinity is a measure of the amount of dissolved salts in industrial and natural waters. In practice, it is determined indirectly by measuring the electrical conductivity of the water as an indicator.

The electrical conductivity reading (microSiemens/cm) should then be converted to a concentration (mg/L) of dissolved salts by using the formula:

Total dissolved salts (mg/L) = 0.68 × conductivity (microSiemens/cm)

The salt load can then be determined by multiplying the total dissolved salts value by the flow (in equivalent units).

2.3 Additional requirements for monitoring air pollutants

Emission testing must be comprehensive enough to identify the assessable pollutants and determine the load of pollution emitted over all modes of plant operation.

The two monitoring methods generally applicable for calculating loads of air pollutants are continuous and periodic.

2.3.1 Continuous Emission Monitoring Systems (CEMS)

A CEMS provides a continuous record of emissions over an extended and generally uninterrupted period of time. Various approaches can be used to measure the concentration of pollutants in the gas stream. Once the pollutant concentration is known, emission rates are obtained by multiplying the concentration by the volumetric stack gas flow rate.

CEMS are suitable for monitoring emissions of nitrogen oxides (NO_x), sulfur oxides (SO_x), hydrogen sulfide (H_2S), benzene and volatile organic compounds (VOCs). The requirements for CEMS are given in *Approved Methods for the Sampling and Analysis of Air Pollutants in NSW*.

2.3.2 Periodic emission monitoring (PM)

Monitoring emission quality

The selection of sampling positions and analysis methods for air quality monitoring must be in accordance with *Approved Methods for the Sampling and Analysis of Air Pollutants in NSW*.

Sampling must be done during each licence fee period and be of sufficient duration to produce representative data that may be reliably extrapolated to provide estimates of emissions across the full range of operating conditions.

Monitoring emission volume

Volume is generally calculated by multiplying recorded flow during a single period or over a specified series of time periods:

$$\text{Emission volume} = \text{sum of (flow rate} \times \text{time)}$$

Gas-flow monitoring apparatus must be located so that the whole volume that contains loads of assessable pollutants is calculated accurately.

Reducing the costs of periodic monitoring

In some cases, the costs of sampling programs may be reduced by establishing a predictive emission monitoring system—see Section 3.2.1.

2.3.3 Calculating actual loads of air pollutants from periodic monitoring

Having determined the concentration of each assessable pollutant and using volumetric flow data, follow the steps below to calculate the actual load of the pollutant discharged.

1. For each sampling period, calculate the mass pollutant emission rate (mg/s) by multiplying the concentration of the pollutant in the sample (mg/m^3) by the volumetric flow rate (m^3/s).
2. Sum the calculated mass pollutant emission rate from Step 1, and divide the result by the number of sampling periods. The result is the flow-weighted average mass pollutant emission rate (mg/s).
3. Multiply the rate from Step 2 by the number of seconds of flow that occurred during the licence period, then divide by 1,000,000. The result is the assessable pollutant load for the licence fee period (kg).

Repeat for each assessable pollutant and record the results on a copy of load calculation Worksheet 2 provided in Part B of the Protocol.

2.4 Variations to monitoring methods for air or water pollutants

Proposals to vary the monitoring requirements set out above are considered by the LBL Technical Review Panel. Call the Panel's liaison officer at DEC on 131 555.

3. Using emission factors to calculate actual loads

An emission factor is an estimated pollutant emission rate relative to the level of industrial or other readily measurable activity. Licensees may use emission factors to calculate pollutant load where Part B of the Protocol lists this as an applicable method for a specific activity.

Two types of emission factors are generally acceptable:

- **Generic** emission factors are generally derived from broad average emission data. The emission factors provided in the Protocol are intended to be conservative (i.e. they should ensure that high emitters cannot undercalculate loads through the use of emission factors). The EPA will revise generic emission factors as updated monitoring data becomes available.
- **Site-specific** emission factors, which individual licensees may develop: for example, a Predictive Emission Monitoring System (PEMS) may be used to develop a site-specific estimate for combustion sources or other stack emissions (see Section 3.2.1).

  Site-specific emission factors, other than PEMS, require EPA approval generally following assessment by the LBL Technical Review Panel (see Section 3.2). Licensees must demonstrate that the site-specific emission factor will reflect the full range of operating conditions and emissions likely to be experienced during the licence fee period.

Using emission factors (EFs) shown in the tables in Part B

1. Select emission factors for each relevant component of activity for each pollutant from the appropriate table in Part B (each activity has a separate table). Select the factors most appropriate to the control technology in place. If none of the listed control technologies applies to the component of activity, use the default emission factors listed.
2. Calculate the load for each component of the activity. Multiply the emission factor selected in Step 1 by the quantity of activity (using the relevant units of measure shown). Copy the results into Worksheet 2 in Part B.
3. Calculate the total load by adding the totals for each component. Copy the results into Worksheet 2 in Part B.

3.1 Generic emission factors

Generic emission factors can apply broadly across various listed activity classifications (such as when de-dusting equipment is used) or for a single classification only.

Where emission factors are based on abatement technology (e.g. scrubbers or baghouses), the emission controls must operate for at least 98% of the time. If the control technology is operating less than this, a combination of controlled and default factors must be used, apportioned according to the percentage of time of each operating condition.

Where emission control equipment is set up to automatically shut down emitting activities, control may be assumed to operate 100% of the time.

3.1.1 Use of generic emission factors for de-dusting

Emission factors based on manufacturers' performance guarantees may be used to calculate loads of fine and coarse particulates from de-dusting apparatus as follows.

Supplier guarantees performance for fine and total particulates

If the supplier of the equipment can provide a performance guarantee for fine and total particulate emissions as a concentration, use those emission rates to calculate the fine and total particulate load (emission rate (mg/m^3) × flow (m^3/s) × time (s)). Coarse particulates are equal to the total particulate load minus fine particulates.

Supplier guarantees performance for total particulates only

If the supplier can provide a performance guarantee only for total particulate concentration, calculate the total particulate load for the licence period and divide total particulates into fine and coarse particulates using the values in Table 6.

Table 6: Factors for the calculation of fine particulates

Equipment	% fine particulates	% coarse particulates
Bag filters	99%	1%
Electrostatic precipitators	96%	4%
Other de-dusting equipment	75%	25%

Note: Where the table in Part B of this Protocol for a specific activity stipulates an alternative percentage value based on the specific nature of the material handled, use that value.

3.2 Site-specific emission factors

In general, emission factors generated from site-specific data are superior to generic emission factors derived from averaged industry data. However, site-specific emission factors must reflect the full range of operating conditions and emissions likely to be experienced during the licence fee period.

Before being used to calculate actual loads, site-specific emission factors must be approved in writing by the EPA. Applications for approval will generally be referred by the EPA to the LBL Technical Review Panel unless they follow precedents that have already been considered by the Panel.

A licensee who wishes to develop a site-specific emission factor should contact the LBL Technical Review Panel's liaison officer by phoning DEC on 131 555. They should liaise with the Panel before committing to a monitoring program that would justify the case for the proposed site-specific emission factor.

3.2.1 Predictive Emission Monitoring Systems (PEMS)

With PEMS, licensees use a representative monitoring campaign to establish consistent relationships between pollutant discharge rates and other operational parameters that are simpler to monitor, such as quantity of steam produced, unit loading, rate of fuel consumption, stack or furnace temperature. Monitoring of these operational parameters can be used to calculate emissions at lower cost than by either continuous or periodic emission monitoring. PEMS must include a suitable program of lower-intensity validation monitoring to ensure that the calculated relationships remain accurate over time.

PEMS can be used to estimate most pollutants from fuel-burning equipment, as shown in the tables in Part B of the Protocol for each activity classification. Some licensees may be able to use source emissions data from previous monitoring campaigns to establish a PEMS. Others may have to undertake a one-off campaign during their first year of calculation of actual loads.

To use a PEMS to calculate actual loads, the following steps must be completed:

- The licensee must develop a PEMS that will reflect the full range of operating conditions and emissions likely to be experienced during the licence fee period.
- The licensee must lodge a copy of the PEMS specification (including a description of the monitoring program undertaken and copies of the data obtained) with the EPA during the licence fee period (where it will be available to any interested member of the public). The specification must be lodged with the local DEC Regional Manager.
- The lodged specification must be accompanied by a declaration signed by the licensee (or the person authorised by the EPA to sign the licensee's certificate of compliance; see Section 1.3.3 in relation to the annual return). The declaration must include a statement of the assessable pollutants, the components of activity and the maximum error ranges of the PEMS. A form is available from the local DEC Regional Office.
- Where the declared error range of the PEMS is greater than 10%, the amount equal to the part of the error range in excess of 10% (i.e. error range minus 10%) must be added to load values calculated using the PEMS.
- Refer to the following documents for specific guidance: *Example Specifications and Test Procedures for Predictive Emission Monitoring Systems*, and *Alternative Monitoring Protocol—PEMS for NO_x and CO from Industrial Furnaces*. These documents are available from the US EPA's Emission Measurement Centre website at www.epa.gov/ttnemc01/cem.html or from your DEC Regional Office.

4. Other methods that may be used to calculate actual loads

4.1 Using mass balance to calculate actual loads

Mass balance involves the quantification of material flows going into and out of a process, where the difference between inputs and outputs is assumed to be discharged to the environment. Mass balance can be used only when input and output streams can be accurately quantified. Mass balance techniques can be applied to individual components of activity or across an entire activity, but only where the applicable table in Part B authorises its use.

It is essential to recognise that the estimates derived by using mass balances are only as good as the values used in the calculations. For example, small errors in data or calculation parameters (e.g. pressure, temperature, stream concentration, flow, control efficiencies) can result in large errors in the final emission estimates. Additionally, failure to use representative samples when sampling input or output materials will also contribute to the uncertainty of the result.

To use a mass balance specification to calculate assessable loads, the following steps must be completed:

- The licensee must develop a mass balance that will reflect the full range of operating conditions and emissions likely to be experienced during the licence fee period.
- The licensee must lodge a copy of their mass balance (including a description of the estimation techniques) with the EPA during the licence fee period (where it will be available to any interested member of the public). The mass balance must be lodged with the local DEC Regional Manager.
- The lodged mass balance must be accompanied by a declaration signed by the licensee (or the person authorised by the EPA to sign the licensee's certificate of compliance; see Section 1.3.3 in relation to the annual return). The declaration must include a statement of the assessable pollutants, the components of activity and the maximum error ranges of the mass balance. A form is available from the local DEC Regional Office.
- Where the declared error range of the mass balance is greater than 10%, the amount equal to the part of the error range in excess of 10% (i.e. error range minus 10%) must be added to load values calculated using the mass balance.

4.2 Using TANKS to calculate actual loads

TANKS is a software package for Windows developed by US EPA that determines emissions from bulk storage tanks. Emissions are a function of weather conditions and tank style, size, surface coating, sealing and contents. Records of all data input into the package must be kept.

The latest version of TANKS may be downloaded from www.epa.gov/ttn/chief/software/tanks/index.html

5. Weighting pollutant loads (optional)

Through appropriate planning and management, the environmental harm of some pollutant load discharges may be reduced. These reductions can result in lower fees by allowing calculation based on weighted loads rather than actual loads. The load-weighting measures currently available are listed in this section.

5.1 Effluent reuse

The EPA encourages the sustainable reuse of effluent or liquid wastes. This section of the Protocol covers the provision for fee reductions of up to 100% for the sustainable reuse of effluent. However, the task of defining workable benchmarks of sustainability is complex.

Effluent should be applied to land only where it is environmentally safe and agronomically appropriate. In the absence of satisfactory management practices, there is a danger that inappropriate effluent reuse could simply result in a transfer of environmental impacts from waters to land. Such an outcome is unacceptable to the EPA, the community and those industries committed to sound environmental management of their operations.

The *Protection of the Environment Operations Act 1997* (s.120) makes it a serious offence for anyone to pollute or to cause or permit pollution of NSW waters. This applies equally to surface and ground waters.

5.1.1 Effluent reuse on the licensed premises

In the case of direct reuse of effluent (e.g. irrigation of crops), weighted loads are calculated by multiplying the actual loads of each pollutant by 'reuse discount factors'. There are different performance criteria for achieving discounts for each pollutant.

The reuse discount factor for each pollutant is the sum of a 'pollutant management factor' (0, 0.25 or 0.5) and a 'water management factor' (0, 0.25 or 0.5). Better performance leads to a lower factor and thus a higher fee discount, i.e. the best possible score is 0 + 0 = 0 (100% discount), and the least beneficial is 0.5 + 0.5 = 1 (nil discount). The procedure for using these factors to obtain fee reductions is shown below.

There are a number of other cases where reuse discounts apply (e.g. transferring effluent to other licensed/unlicensed premises) — see Sections 2.2.4 and 5.1.2.

How to calculate weighted loads

Use Worksheet 1 to record your calculations of weighted loads. In the case of direct effluent reuse (e.g. irrigation of crops), follow Steps 1 to 6 below. For all other cases contact the local DEC Regional Manager.

If a range of discount factors applies to different portions of the effluent (e.g. different disposal or reuse methods for parts of the total load), divide the load into portions, apply the appropriate discount factors to each portion, and then sum the values to calculate the total weighted loads for each pollutant.

Worksheet 1: Calculating reuse discount factors and weighted loads

Pollutant	A Annual load of reused effluent	B Pollutant management factor (from Table 7)	C Water management factor (from Table 8)	D Discount factor (B + C)	E Weighted load (annual load of effluent reused × discount factor A × D)
Total nitrogen					
Total phosphorus					
BOD					
Total suspended solids					
Oil and grease					
Salt					
Metals and pesticides					

Step 1

Copy the annual load of reused effluent calculated in accordance with Sections 2, 3 or 4 into column A of Worksheet 1.

Step 2

Refer to Table 7 to determine the correct pollutant management factor for each pollutant assessable at the licensed site and enter the factor values into column B.

Note: To receive a pollutant management factor of 0 or 0.25 for nutrients (phosphorus and nitrogen), the equivalent (or better) pollutant management factor for salt must also be met, even where it is not an assessable pollutant for the particular licensed activity. These factors are shown in Table 9.

Step 3

Use Table 8 to determine the correct water management factor for the reuse site. Enter the value into each cell of column C. Note that one water management factor will apply to all pollutants.

Step 4

Calculate the reuse discount factor for each pollutant by adding the values entered in columns B and C for each pollutant and enter the results for each pollutant into column D.

Step 5

Calculate the weighted load of each pollutant by multiplying the annual load of reused effluent by the applicable discount factors (Column D) and enter the results into Column E.

Step 6

Copy the weighted load data into Worksheet 2 in Part B.

Table 7: Pollutant management factors

	Applicable pollutant management factor		
	0 (full discount)	**0.25 (partial discount)**	**0.5 (no discount)**
Pollutant	**Management performance benchmarks**		
Total nitrogen and total phosphorus (To gain discount, salt criteria with equal or better discount must also be met)	Nitrogen and phosphorus balance maintained as outlined in Note 1 below	Nitrogen and phosphorus balance maintained as outlined in Note 2 below	Other
BOD	< 1200 kg/ha/month applied (max. 10%/day)	< 1500 kg/ha/month applied (max. 10%/day)	Other
Total suspended solids	< 15 t/ha/year applied (max. 10%/day)	Not applicable	Other
Oil and grease	No visible grease on soil surface	Not applicable	Other
Salt	See Table 9a	See Table 9b	Other
Metals and pesticides and PCBs	Based on annual monitoring data, the increase in soil levels of pollutants cannot exceed 30% of the difference between the background level and the allowable level in the soil	Based on annual monitoring data, the increase in soil levels of pollutants cannot exceed 50% of the difference between the background level and the allowable level in the soil	Other

Table 8: Water management factors

Applicable water management factor		
0 (full discount)	**0.25 (partial discount)**	**0.5 (no discount)**
Application rate controlled by irrigation scheduling or soil moisture monitoring to ensure that effluent does not percolate deeper than the root zone or intersect groundwaters, except during scheduled salt flushing as per management plan (see Note 3 regarding storage requirements).	Application ceases during and after rainfall as necessary to prevent waterlogging or runoff (see Note 3 regarding storage requirements).	Other

Table 9: Criteria for salt management (see Note 4)

(a) Pollutant management factor of 0 (full discount)

Salinity (µS/cm)	SAR[a]	Na^+ (mg/L)	Management conditions	Monitoring conditions
< 300	Any	N/A	N/A	N/A
< 735	< 3	N/A	N/A	N/A
	> 3	N/A	Apply gypsum (or equivalent in agricultural lime) every 5 years at 2 t/ha or whenever soil ESP[b] exceeds 5% within plant root zone.	Only if SAR > 6, in which case monitor Na in soil once per year.
< 1470	> 3	< 200	As above. Application to cease if EC_{se}[c] exceeds 4 dS/m in plant root zone.	Only if SAR > 6, monitor once per annum for Na and EC_{se} in soil within and immediately below plant root zone.
		> 200	Apply gypsum (or equivalent in agricultural lime) whenever soil ESP exceeds 5%. Application to cease if EC_{se} exceeds 4 dS/m in plant root zone.	Monitor once per annum for Na, and EC_{se} in soil within and immediately above plant root zone.
< 2200	< 8	< 200	As above	As above plus monitor once per year available P and N below plant root zone.
	< 10	< 200	As above	As above plus monitor any important groundwater resource within 10 m of the surface of the ground.
< 3700	> 10	> 300	As above	As above
Any	Any	Any	Effluent applied at rate of no more than 50 mm per year. EC_{se} in plant root zone not to exceed 4 dS/m.	Monitor Na and EC_{se} in soil and apply gypsum if Na levels in plant root zone exceed 5%. Monitor available P and N below plant root zone once a year.

[a] SAR – sodium adsorption ratio; [b] ESP – exchangeable sodium percentage; [c] EC_{se} – electrical conductivity of saturated extracts of soil.

(b) Pollutant management factor of 0.25 (partial discount)

Salinity (µS/cm)	SAR[a]	Na^+ (mg/L)	Management conditions	Monitoring conditions
Any	Any	Any	Effluent applied at rate of no more than 100 mm per year. Application to cease if EC_{se}[b] exceeds 4 dS/m in plant root zone.	Monitor Na and EC_{se} in soil and apply gypsum if Na levels in plant root zone exceed 5%. Monitor available P and N below plant root zone once a year.
< 7350	< 15	< 1500	Effluent applied so that nutrient budget requirements are met (see Note 1 below). Application to cease if EC_{se} exceeds 4 dS/m in plant root zone.	Monitor Na and EC_{se} in soil and apply gypsum if Na levels in plant root zone exceed 5%. Monitor available P and N below plant root zone once a year. Monitor any important groundwater resource within 10 m of surface of ground.

[a] SAR – sodium adsorption ratio; [b] EC_{se} – electrical conductivity of saturated extracts of soil.

Notes for Tables 7, 8 and 9

Note 1: Nutrient balance management

Nitrogen and phosphorus must be applied so that they are effectively used for plant growth or sustainable assimilation by the soil system. If N and P levels are rising below the plant root zone, the average amount of effluent applied per unit area must be decreased. The sustainable rate of application of nutrients (such as N and P) can sometimes limit the quantity of effluent to

be used for irrigation in a given area. To obtain the fee discount, licensees must do the following:

- Develop a 15-year forward management plan that shows how proposed annual nutrient application rates compare with the annual amounts to be taken up by the biological or physical processes of the crop–soil system. This should be done before the construction of the effluent reuse scheme. Nutrient application rates must be based on the sustainable assimilation of nutrients over a rolling 15-year period.
- Review the plan every three years to ensure that future planned application rates will continue to achieve sustainable assimilation over a rolling 15-year period.
- Prepare annual nutrient balances showing nutrient application rates and the results of soil monitoring done as set out in the management plan, and how these outcomes compare with those anticipated in the management plan. Documentation of plan and annual balances must be kept for at least four years.

Note 2: as in Note 1, but with a 5 to 15-year planning timeframe.

Note 3: Discharge points and wet-weather storage

Where licences allow for direct discharge to waters, this must always occur through an authorised discharge point. Effluent discharged to waters via the authorised discharge point cannot benefit from reuse discounts. Where licences do not permit discharges to waters, adequate capacity to store effluent must be provided. Wet-weather storage must also be designed and installed to hold a volume calculated by a comprehensive water balance.

Note 4: EC_{se} (electrical conductivity of saturated extracts of soil)

For sensitive plant species, EC_{se} should be kept less than 1500 µS/cm. If EC_{se} exceeds this level, additional management practices including applying a leaching fraction will be required to ensure that plant growth is not reduced. Such changes in management practices must be supported by evaluation at the site that ensures that deliberate leaching of salts does not have an adverse impact on ground or surface water resources.

5.1.2 Transfer of effluent for reuse beyond the licensed premises

In some cases where effluent is transferred to other licensed premises, loads of assessable pollutants transferred may be deducted from actual loads. These cases are set out in Sections 1.2.1 and 2.2.4.

In all other cases, transfer or reuse of materials containing assessable pollutants beyond the licensed premises does not reduce actual loads.

However, it is possible for a weighted load to be calculated where reuse occurs off-site (which will result in a lower licence fee). The licensee can calculate a weighted load for reuse that occurs off the licensed site (or that is conducted by other parties) exactly as described above in Section 5.1.1, provided that the licensee ensures that the reuse meets the applicable performance criteria. The EPA will be satisfied that the licensee has ensured the requisite level of performance if each of the following requirements is met:

1. Effluent is released to the recipient only after:
    - all necessary state (e.g. DEC, Department of Infrastructure, Planning and Natural Resources and others) and local government approvals are obtained (e.g. local councils must obtain Ministerial approval under s.60 of the *Local Government Act 1993* before allowing sewage from their area to be discharged, treated or supplied

to any person; other approvals may also be required)

- an agreed effluent management plan is in place between the recipient and the licensee that, if complied with, will result in the attainment of the relevant applicable performance criteria as set out in Section 5.1.1.

2. Pollution events associated with any aspect of the recipient's effluent reuse program are reported to the EPA. In the same way, the effluent supplier's licence requires the licensee to report pollution events on its premises to the EPA (as soon as practicable after the supplier becomes aware of an incident).
3. Effluent supply is ceased as soon as practicable after the supplier becomes aware of a misuse of effluent or failure to implement any aspect of the effluent management plan.
4. The supplier regularly reviews the recipient's use of the effluent, including at least annual site visits to identify any corrective actions required to comply with or update the management plan, and keeps a record of visits, observations and corrective actions for at least four years.
5. Where the supplier distributes more than 1000 ML of effluent annually to a reuse scheme, a third party makes an annual assessment of the scheme and the report is submitted to the EPA.

5.2 Flow-optimised discharges

Discharging pollutants to waters only during high river flows may mimic the pattern of natural diffuse pollutant loads in waters (such as nutrients or suspended solids exports from the catchment). During high flows, pollutants may be flushed from a river system and thus their impact reduced, although downstream impacts need to be considered.

All industries may be eligible for a fee reduction where they discharge the following assessable pollutants to waters only during high river flows and it can be shown that this strategy minimises the environmental impact of those discharges:

- matter causing biochemical oxygen demand
- salinity (as an indicator of dissolved salts)
- total suspended solids
- total phosphorus
- total nitrogen
- oil and grease.

This discount factor applies only to flow-optimised discharges to non-tidal waters that drain to the NSW coast and excludes waters of the Murray–Darling catchment.

Calculating the weighted load

A 50% load-weighting factor applies to the above pollutants provided that:

- the discharge occurs only during high flows in the receiving waters, where high flow is defined as a flow that exceeds the 20th percentile. Daily flow data must be available for at least five years for the reach of the river where the discharge occurs

- daily monitoring data for receiving water flows is collected or otherwise obtained to determine river flow.

Calculate the weighted load by multiplying the actual load of each of the assessable pollutants by 0.5.

5.3 Specific programs

5.3.1 Hunter River Salinity Trading Scheme

The Hunter River Salinity Trading Scheme was introduced to reduce salinity in the Hunter River. The scheme ensures that Hunter River salinity targets are not exceeded due to saline discharges from facilities with Environment Protection Licences. Participants may only discharge when the river is in 'high' or 'flood' flow and they must hold enough credits (in accordance with the scheme rules) to cover the amount of saline water they wish to discharge.

Scheme participants in the Hunter catchment may apply a weighting factor to the loads of salt discharged (as measured by conductivity) provided they have complied with all of the conditions of the licence relating to discharge during the licence fee period.

Calculate the weighted load by multiplying the actual load of salt by 0.25.

6. Load reduction agreements (optional)

Load reduction agreements (LRAs) are voluntary agreements between the EPA and licensees required to pay pollution load fees under the Protection of the Environment Operations (General) Regulation 1998. They provide immediate fee reductions for licensees willing to commit to future reductions of assessable pollutant loads, thereby freeing funds for investment in improving their environmental performance. Agreements last for a maximum of four years, giving licensees up to three full years to implement upgrades and one year to demonstrate attainment of the agreed load.

6.1 How do they work?

The licensee commits to reducing annual emissions for one or more assessable pollutants (specified in kilograms) to an agreed annual lower load, within a maximum of four years. Pollutant load fees are then calculated on the basis of the agreed loads. This means that fees are paid as if the agreed environmental improvements have already been achieved. For example, if a licensee plans to reduce annual phosphorus discharges from 1000 to 100 kilograms in four years' time, an agreed load of 100 kilograms may be reported in each year's annual return and used to calculate fees. Fee savings could be considerable.

If the licensee does not demonstrate achievement of the agreed load in the final year of the agreement (i.e. the actual or weighted load is not equal to or below the agreed load), the licensee must repay excess fee reductions to the EPA, commensurate with what has been achieved.

In return for the benefit of immediate fee reductions received under an LRA, licensees agree to ongoing lower annual load limits beyond the term of the LRA. This will ensure that environmental benefits will be ongoing. The new annual load limit would come into effect at the conclusion of the LRA.

6.1.1 Who can apply?

Current or prospective holders of an environment protection licence with assessable pollutants can apply for an LRA at any time. For further information, contact DEC on 131 555 or the local DEC Regional Office, or visit the DEC website.

PART B

7. Activity-specific requirements

This is Part B of the Load Calculation Protocol referred to in the Protection of the Environment Operations (General) Regulation 1998. Part A lists the generic requirements that apply to all fee-based activity classifications included in the LBL Scheme. Part B includes the activity, industry-specific load calculation tables and Worksheet. Licensees must refer to the tables in this part of the Protocol that apply to their licence, as described in Part A.

Fee-based activity classifications and their assessable pollutants

Activity classification	Number in Schedule 1 of Regulation	Assessable pollutants	
		Air	Water
Cement or lime production	A10	Production: coarse particulates, fine particulates, NO_x, SO_x	–
Cement or lime handling	A11	Handling: coarse particulates, fine particulates	
Glass production	A12	Coarse particulates, fine particulates, NO_x, SO_x	–
Ceramics production (excluding glass) — brick production	A13	Coarse particulates, fine particulates, fluoride, SO_x, NO_x	–
Agricultural fertiliser production and/or ammonium nitrate production	A14	Ammonium nitrate fertilisers: coarse particulates, fine particulates, NO_x Phosphate fertilisers: coarse particulates, fine particulates, fluoride	Total N Total P
Paint production	A17	Fine particulates, NO_x, VOCs, benzene	–
Petrochemical production	A18	Fine particulates, NO_x, VOCs, benzene	–
Plastics production	A21	Fine particulates, NO_x, VOCs, benzene	–
Chemical storage — petroleum	A25	VOCs, benzene	–
Coke production	A27	Benzene, benzo(a)pyrene (equiv.), coarse particulates, fine particulates, H_2S, NO_x, SO_x, VOCs	Oil and grease (O&G), total suspended solids (TSS), total PAHs, total phenolics
Electricity generation	A34	Benzo(a)pyrene (equiv.), coarse particulates, fine particulates, fluoride, NO_x, SO_x	Se, TSS, salt
Primary iron and steel production	A55	Benzene, benzo(a)pyrene (equiv.), coarse particulates, fine particulates, H_2S, NO_x, SO_x, VOCs	As, Cd, Cr, Cu, Pb, Hg, O&G, Se, TSS, Zn
Secondary iron and steel production	A56	Coarse particulates, fine particulates, NO_x, SO_x, VOCs	–
Primary aluminium production	A57	Coarse particulates, fine particulates, fluoride, NO_x, SO_x	–
Secondary aluminium production	A58	Coarse particulates, fine particulates, fluoride, NO_x, SO_x, VOCs	–
Primary non-ferrous production (excl. aluminium)	A59	Coarse particulates, fine particulates, SO_x, Pb, Hg, As	TSS, Cd, Cr, Cu, Pb, Zn, Hg, As, Se
Secondary non-ferrous production (excl. aluminium)	A60	Coarse particulates, fine particulates, NO_x, SO_x, VOCs, Pb	–
Paper production using recycled materials	A66	Coarse particulates, fine particulates, NO_x	BOD, salt, TSS, Total N, Total P, Zn
Other paper production	A67		

Petroleum refining	A68	Benzene, benzo(a)pyrene (equiv.), fine particulates, H_2S, NO_x, SO_x, VOCs	BOD, O&G, TSS, total PAHs, total phenolics
Waste oil recovery	A69	Pb, VOCs	O&G
Sewage treatment	A71	–	219 to <10,000 ML/year: BOD, O&G, total N, total P, TSS >10,000 ML/year: BOD, O&G, total N, total P, TSS, Cd, Cr, Cu, Pb, Hg, pesticides and PCBs, Se, Zn
Biomedical waste incineration	A74	As, benzene, benzo(a)pyrene (equiv.), fine particulates, Pb, Hg, NO_x, SO_x	–
Municipal solid waste incineration	A85	As, benzene, benzo(a)pyrene (equiv.), fine particulates, Pb, Hg, NO_x, SO_x	–

7.1 A10 Cement or lime production and A11 Cement or lime handling

Table A10/A11—Acceptable load calculation methods and emission factors, where applicable

(Production: kg per tonne of material produced. Handling: kg per tonne of material handled. Volumes are actual.)

(a) Cement and quicklime production and handling activities	*Assessable pollutants—AIR*			
Component or activity	*Coarse particulates*	*Fine particulates*	*SO_x*	*NO_x*
1. Fuel preparation and drying				
—coal firing with dust collector	SM—PM EF—PEMS, SS or total (kg/yr emission) = 15 mg/m^3 × flow (m^3/hr) × operating time (hrs/yr) × 10^{-6} Coarse = 25% total	SM—PM EF—SS Fine = 75% total	–	–
2. Limestone or raw material crushing (kg/tonne of material through crusher)				
—default	SM—PM EF—SS, G = 0.0012	SM—PM EF—SS, G = 0.017	–	–
—fabric filter as per section 1	SM—PM EF—SS, G = 0.0003	SM—PM EF—SS, G = 0.0002	–	–
—wet or chemical suppression	SM—PM EF—SS, G = 0.0003	SM—PM EF—SS, G = 0.0005	–	–
—wet scrubber	SM—PM EF—SS, G = 0.002	SM—PM EF—SS, G = 0.004	–	–
3. Kiln				
3(a) Wet process				
—electrostatic precipitator	SM—PM EF—SS, G = 0.06	SM—PM EF—SS, G = 0.3	SM—PM EF—SS, G = 4.1	SM—PM EF—SS, G = 3.7
3(b) Preheater kiln				
—fabric filter as per section 1	SM—PM EF—SS, G = 0.02	SM—PM EF—SS, G = 0.1	SM—PM EF—SS, G = 0.27	SM—PM EF—SS, G = 2.4
—electrostatic precipitator	SM—PM EF—SS, G = 0.03	SM—PM EF—SS, G = 0.1	SM—PM EF—SS, G = 0.27	SM—PM EF—SS, G = 2.4
3(c) Pre-calciner process kiln				
—fabric filter as per section 1	SM—PM EF—SS, G = 0.02	SM—PM EF—SS, G = 0.1	SM—PM EF—SS, G = 0.54	SM—PM EF—SS, G = 2.1
—electrostatic precipitator	SM—PM EF—SS, G = 0.02	SM—PM EF—SS, G = 0.1	SM—PM EF—SS, G = 0.54	SM—PM EF—SS, G = 2.1

Table A10/A11 (continued)

(b) Specific lime activities	*Assessable pollutants—AIR*			
Component or activity	*Coarse particulates*	*Fine particulates*	*SO_x*	*NO_x*
4. Clinker processing				
—fabric filter as per section 1	SM—PM EF—SS, G = 0.0005	SM—PM EF—SS, G = 0.001	–	–
—electrostatic precipitator	SM—PM EF—SS, G = 0.005	SM—PM EF—SS, G = 0.01	–	–
—gravel bed filter	SM—PM EF—SS, G = 0.015	SM—PM EF—SS, G = 0.03	–	–
5. Finished cement grinding				
—default formula for undifferentiated	SM—PM EF—SS, G = 0.5	SM—PM EF—SS, G = 0.3	–	–
—fabric filter, as per section 1	SM—PM EF—SS, G = 0.002	SM—PM EF—SS, G = 0.003	–	–
—electrostatic precipitator, as per section 1, but assuming a default factor of 60 mg/m^3 for fine and 20 mg/m^3 for coarse particulates	SM—PM EF—SS, G = 0.003	SM—PM EF—SS, G = 0.004	–	–
6. Lime kiln				
6(a) Rotary kiln				
—fabric filter	SM—PM EF—SS, G = 0.01	SM—PM EF—SS, G = 0.06	SM—PM EF—SS, G = 0.1	SM—PM EF—SS, G = 1.9
—electrostatic precipitator	SM—PM EF—SS, G = 0.50	SM—PM EF—SS, G = 4.20	SM—PM EF—SS, G = 0.5	SM—PM EF—SS, G = 1.9
6(b) Shaft kiln				
—scrubber	SM—PM EF—SS, G = 0.10	SM—PM EF—SS, G = 0.90	SM—PM EF—SS, G = 0.5	SM—PM EF—SS, G = 1.3
—fabric filter	SM—PM EF—SS, G = 0.04	SM—PM EF—SS, G = 0.034	SM—PM EF—SS, G = 0.5	SM—PM EF—SS, G = 1.3
7. Fluidised bed	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM, CEMS EF—PEMS, SS	SM—PM, CEMS EF—PEMS, SS
8. Lime hydration	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	–	–
TOTAL actual load (kg)				

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

7.2 A12 Glass production

Table A12—Acceptable load calculation methods and emission factors where applicable

(Units are in kg per tonne of product)

(a) Production of container glass	*Assessable pollutants—AIR*			
Component or activity	*Coarse particulates*	*Fine particulates*	*SO_x*	*NO_x*
1. Melting furnace				
—uncontrolled	–	SM—PM EF—SS, G = 0.66	SM—PM EF—SS, G = 1.7	SM—PM EF—SS, G = 3.1
—with low-energy scrubber	–	SM—PM EF—SS, G = 0.38	SM—PM EF—SS, G = 0.9	SM—PM EF—SS, G = 3.1
—with Venturi scrubber	–	SM—PM EF—SS, G = 0.095	SM—PM EF—SS, G = 0.1	SM—PM EF—SS, G = 3.1
—with baghouse	–	–	SM—PM EF—SS, G = 1.7	SM—PM EF—SS, G = 3.1
—with electrostatic precipitator	–	–	SM—PM EF—SS, G = 1.7	SM—PM EF—SS, G = 3.1
2. Other activities (e.g. mould and machinery repairs)	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM, CEMS EF—PEMS, SS	SM—PM, CEMS EF—PEMS, SS
TOTAL actual load (kg)				

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

(b) Production of flat glass	*Assessable pollutants—AIR*			
Component or activity	*Coarse particulates*	*Fine particulates*	*SO_x*	*NO_x*
3. Melting furnace				
—uncontrolled	–	SM—PM EF—SS, G = 0.95	SM—PM EF—SS, G = 1.5	SM—PM EF—SS, G = 4.0
—with low-energy scrubber	–	SM—PM EF—SS, G = 0.475	SM—PM EF—SS, G = 0.8	SM—PM EF—SS, G = 4.0
—with Venturi scrubber	–	–	SM—PM EF—SS, G = 0.1	SM—PM EF—SS, G = 4.0
—with baghouse	–	–	SM—PM EF—SS, G = 1.5	SM—PM EF—SS, G = 4.0
—with electrostatic precipitator	–	–	SM—PM EF—SS, G = 1.5	SM—PM EF—SS, G = 4.0
4. Other combustion	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM, CEMS EF—PEMS, SS	SM—PM, CEMS EF—PEMS, SS
TOTAL actual load (kg)				

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

Table A12 (continued)

(c) Production of other glass (including glass fibre)	*Assessable pollutants—AIR*			
Component or activity	*Coarse particulates*	*Fine particulates*	*SO_x*	*NO_x*
5. Melting and forming				
5(a) Wool				
—glass furnace	–	–	SM—PM EF—SS, G = 0.02	SM—PM EF—SS, G = 0.14
—electric regeneration	–	–	SM—PM EF—SS, G = 5	SM—PM EF—SS, G = 2.5
—gas regeneration	–	–	SM—PM EF—SS, G = 5	SM—PM EF—SS, G = 0.85
5(b) Textile				
—glass furnace	–	–	–	–
—electric regeneration	–	–	SM—PM EF—SS, G = 1.5	SM—PM EF—SS, G = 10
—gas regeneration	–	–	SM—PM EF—SS, G = 15	SM—PM EF—SS, G = 10
6. Other combustion	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
TOTAL actual load (kg)				

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

7.3 A13 Ceramics production (excluding glass)

Table A13—Acceptable load calculation methods and emission factors, where applicable

(kg per tonne of fired product)

Ceramics—brick production	*Assessable pollutants—AIR*				
Component or activity	*Coarse particulates*	*Fine particulates*	*Fluoride*	*SO_x*	*NO_x*
1. Drying and firing (for both raw materials and brick drying)					
1(a) Brick dryer					
—gas	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—SS, G = 0.0025	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
—oil	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—SS, G = 0.0025	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
—coal	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—SS, G = 0.0025	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
—other	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS
1(b) Tunnel kiln					
—gas	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—SS, G = 0.5	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G
—oil	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—SS, G = 0.5	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G
—coal	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—SS, G = 0.5	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G
—other	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS
1(c) Periodic kiln					
—gas	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G
—oil	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G
—coal	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G
—other	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS
TOTAL actual load (kg)					

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

7.4 A14 Agricultural fertiliser and/or ammonium nitrate production

Table A14—Acceptable load calculation methods and emission factors, where applicable

(kg per tonne produced)

AIR

(a) Ammonium nitrate production	*Assessable pollutants—AIR*		
Component or activity	*Coarse particulates*	*Fine particulates*	*NO_x*
1. Acid production	–	–	SM—PM EF—PEMS, SS, G
2. Solution formation			
2(a) Neutraliser			
—default	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–
—wet scrubber	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–
2(b) Evaporation or concentration			
—default	SM—PM EF—SS, G = 0.15	SM—PM EF—SS, G = 0.2	–
—wet scrubber	SM—PM EF—SS, G = 0.15	SM—PM EF—SS, G = 0.02	–
3. Solids formation and handling	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–
4. Product bagging or shipping			
—default	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–
—wet scrubber	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–
TOTAL actual load (kg)			

SM—source monitoring (PM—periodic monitoring); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

(b) Production of single superphosphate	*Assessable pollutants—AIR*		
Component or activity	*Coarse particulates*	*Fine particulates*	*Fluoride*
5. Rock or acid reaction	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
6. Granulation (maturing)	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
TOTAL actual load (kg)			

SM—source monitoring (PM—periodic monitoring); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

Table A14 (continued)

WATER

(c) Ammonium nitrate production	*Assessable pollutants—WATER*
Component or activity	*Total nitrogen*
7. Wastewater	SM—PM, CEMS EF—SS
8. Pollutants in wastewater imported from other licensed activities	SM—PM, CEMS EF—SS
TOTAL actual load (kg)	

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system);
EF—emission factor (SS—site specific)

(d) Production of single superphosphate	*Assessable pollutants—WATER*
Component or activity	*Total phosphorus*
9. Wastewater	SM—PM, CEMS EF—SS
10. Pollutants in wastewater imported from other licensed activities	SM—PM, CEMS EF—SS
TOTAL actual load (kg)	

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system);
EF—emission factor (SS—site specific)

7.5 A17 Paint production

Table A17—Acceptable load calculation methods and emission factors, where applicable

(kg per tonne produced)

	Assessable pollutants—AIR			
Component or activity	*Fine particulates*	*NO_x*	*VOCs*	*Benzene*
1. Production process	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
2. Combustion				
—gas	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	–	–
—oil	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	–	–
3. Transfer and storage of bulk liquids	–	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
4. Fugitive emissions from leaks and spills	–	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
5. Cleaning and maintenance	–	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
TOTAL actual load (kg)				

SM—source monitoring (PM—periodic monitoring); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system); MB—mass balance

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

7.6 A18 Petrochemical production

Table A18—Acceptable load calculation methods and emission factors, where applicable

(kg per tonne produced)

	Assessable pollutants—AIR			
Component or activity	*Fine particulates*	*NO_x*	*VOCs*	*Benzene*
1. Main production processes				
1(a) Separation	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
1(b) Conversion	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
1(c) Treatment	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
1(d) Auxiliary	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
2. Combustion	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	–	–
3. Product handling	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
4. Storage of organic liquids	–	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
5. Fugitive emissions from leaks and spills	–	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
TOTAL actual load (kg)				

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system); MB—mass balance

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

7.7 A21 Plastics production

Table A21—Acceptable load calculation methods and emission factors, where applicable

(kg per tonne produced)

	Assessable pollutants—AIR			
Component or activity	*Fine particulates*	*NO_x*	*VOCs*	*Benzene*
1. Production processes				
1(a) Polyvinyl chloride	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
1(b) Polypropylene	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
1(c) Expandable polystyrene	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
1(d) PET	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
1(e) Other	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
2. Combustion	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–
3. Transfer of bulk liquids	–	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
4. Bulk storage of organic liquids	–	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
5. Fugitive emissions from leaks and spills	–	–	SM—PM EF—PEMS, SS, G MB	SM—PM EF—PEMS, SS, G MB
TOTAL actual load (kg)				

SM—source monitoring (PM—periodic monitoring); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system); MB—mass balance

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

7.8 A25 Chemical storage

Table A25—Acceptable load calculation methods and emission factors, where applicable

(kg per kL throughput)

Chemical storage—petroleum	*Assessable pollutants—AIR*	
Component or activity	*VOCs*	*Benzene*
1. Transfer of liquids	EF—SS MB TANKS	EF—SS MB TANKS
2. Storage of liquids	EF—SS MB TANKS	EF—SS MB TANKS
3. Vapour recovery unit	SM—PM EF—PEMS, SS	–
TOTAL actual load (kg)		

SM—source monitoring (PM—periodic monitoring); EF—emission factor (SS—site specific; PEMS—predictive emission monitoring system); MB—mass balance

7.9 A27 Coke production (non-recovery and recovery)

Table A27—Acceptable load calculation methods and emission factors, where applicable

(kg per tonne material produced)

(a) Non-recovery process	*Assessable pollutants—AIR*							
Component or activity	*Benzene*	*Benzo(a) pyrene (equiv.)*	*Coarse particulates*	*Fine particulates*	*H_2S*	*NO_x*	*SO_x*	*VOCs*
1. Oven charging	SM—PM EF—SS, G = 0.000001	SM—PM EF—SS, G = 0.000001	SM—PM EF—SS, G = 0.0004	SM—PM EF—SS, G = 0.0002	–	SM—PM EF—SS, G = 0.00006	SM—PM EF—SS, G = 0.0001	SM—PM EF—SS, G = 0.000001
2. Fugitive emissions	–	–	SM—PM EF—SS, G = 0.000001	SM—PM EF—SS, G = 0.000001	–	SM—PM EF—SS, G = 0.000003	SM—PM EF—SS, G = 0.000005	–
3. Oven pushing	–	–	SM—PM EF—SS, G = 0.002	SM—PM EF—SS, G = 0.0003	–	–	–	–
4. Quenching	–	–	SM—PM EF—SS, G = 0.29	SM—PM EF—SS, G = 0.03	SM—PM EF—SS, G = 0.003	–	–	–
5. Stack combustion	–	–	SM—PM EF—SS, G = 0.01	SM—PM EF—SS, G = 0.27	–	SM—PM EF—SS, G = 0.132	SM—PM EF—SS, G = 2.4	–
TOTAL actual load (kg)								

SM—source monitoring (PM—periodic monitoring); EF—emission factor (G—generic; SS—site specific)

(b) Recovery process	*Assessable pollutants—AIR*							
Component or activity	*Benzene*	*Benzo(a) pyrene (equiv.)*	*Coarse particulates*	*Fine particulates*	*H_2S*	*NO_x*	*SO_x*	*VOCs*
6. Gas flares – inter works	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
7. Coal crushing (hammer mills)	–	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	–	–
8. Coke screening	–	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	–	–
9. Oven charging and pushing (combined No. 7 battery)	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
10. Standpipe emissions	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G

Table A27 (continued)

Component or activity	*Benzene*	*Benzo(a) pyrene (equiv.)*	*Coarse particulates*	*Fine particulates*	*H_2S*	*NO_x*	*SO_x*	*VOCs*
11. Fugitive emissions	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
12. Oven pushing (No. 4, 5 and 6 batteries)	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
13. Quenching	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
14. Combustion stacks	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
15. Sulfate plant	–	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	–	–
16. Gas processing emissions	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
17. Gas processing fugitive emissions	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	SM—PM EF—PEMS, SS, G	–	–	SM—PM EF—PEMS, SS, G
TOTAL actual load (kg)								

SM—source monitoring (PM—periodic monitoring); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

(c) Coke production	*Assessable pollutants—WATER*			
Component or activity	*Oil & grease*	*Total suspended solids*	*Total PAHs*	*Total phenolics*
18. Wastewater – point source	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS
TOTAL actual load (kg)				

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (SS—site specific)

7.10 A34 Electricity generation

Table A34—Acceptable load calculation methods and emission factors, where applicable

(Except where otherwise stated—kg/GWh generated)

(a) Electricity generation	*Assessable pollutants—AIR*					
Component or activity	*Benzo(a) pyrene (eq.)*	*Coarse particulates*	*Fine particulates*	*Fluorides*	*NO_x*	*SO_x*
1. Combustion						
—Coal	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM[a], CEMS[b] EF—SS	SM—PM, CEMS[b] EF—SS MB
—Gas	–	–	–	–	SM—PM[a], CEMS[b] EF—SS	–
—Other	–	–	–	–	–	–
TOTAL actual load (kg)						

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (SS—site specific; PEMS—predictive emission monitoring system); MB—mass balance

[a] Only if generating capacity at premises is < 100 MW.

[b] Where more than one identical unit is installed at premises and CEMS is in operation on one unit, PEMS can be used to estimate emissions from second and subsequent units. CEMS or PEMS may be rotated between units.

(b) Electricity generation - coal	*Assessable pollutants—WATER*		
Component or activity	*Selenium*	*Total suspended solids*	*Salt*
2. Wastewater—point source			
2(a) Once through saltwater cooling system	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS
2(b) Other	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS
3. Pollutants in wastewater imported from other licensed activities	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS
TOTAL actual load (kg)			

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (SS—site specific)

(c) Electricity generation - gas	*Assessable pollutants—WATER*	
Component or activity	*Total suspended solids*	*Salt*
4. Wastewater—point source	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS
5. Pollutants in wastewater imported from other licensed activities	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS
TOTAL actual load (kg)		

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (SS—site specific)

7.11 A55 Primary iron and steel production

Table A55—Acceptable load calculation methods and emission factors, where applicable

(kg/tonne produced)

	Assessable pollutants—AIR							
Component or activity	*Benzene*	*Benzo(a) pyrene (equiv.)*	*Coarse particulates*	*Fine particulates*	*H_2S*	*NO_x*	*SO_x*	*VOCs*
Sinter plant								
1. Sintering machine	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
2. Sinter cooling bed	–	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	–	–
3. Sinter process dedusting	–	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	–	–
Power								
4. Power and steam generation	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
Blast furnace								
5. Blast furnace stoves – waste heat	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
6. Gas flares – blast furnace gas	–	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–
7. Blast furnace dedusting process	–	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	–	–
8. Blast furnace slag processing	–	–	–	–	SM—PM, CEMS EF—PEMS, SS, G	–	–	–
9. Hot metal dumping	–	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	–	–
Steelmaking								
10. Lime kiln – material storage, handling and transfer	–	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	–	–
11. Lime kiln	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
12. Steelmaking	–	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–

Table A55 (continued)

Component or activity	*Benzene*	*Benzo(a) pyrene (equiv.)*	*Coarse particulates*	*Fine particulates*	*H_2S*	*NO_x*	*SO_x*	*VOCs*
13. Ancillary steelmaking processes	–	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	–	–
14. Continuous casting and machine scarfing	–	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–
Mills								
15. Hot rolling mills	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
TOTAL actual load (kg)								

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

	Assessable pollutants—WATER									
Component or activity	*As*	*Cd*	*Cr*	*Cu*	*Pb*	*Hg*	*O&G*	*Se*	*TSS*	*Zn*
16. Wastewater – point source	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS
17. Pollutants in wastewater imported from other licensed activities	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS
TOTAL actual load (kg)										

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (SS—site specific)

7.12 A56 Secondary iron and steel production

Table A56—Acceptable load calculation methods and emission factors, where applicable

(kg/tonne of product)

	Assessable pollutants—AIR				
Component or activity	*Coarse particulates*	*Fine particulates*	*NO_x*	*SO_x*	*VOCs*
1. Pretreatment	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	SM—PM EF—PEMS, SS, G
2. Metal melting					
2(a) Electric arc furnace	–	SM—PM EF—PEMS, SS, G	–	–	–
2(b) Induction furnace	–	SM—PM EF—PEMS, G, SS	–	–	–
2(c) Cupola	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–
3. Mould and core production	–	SM—PM EF—PEMS, SS, G	–	–	–
4. Casting and finishing	–	SM—PM EF—PEMS, SS, G	–	–	–
5. Fugitive emissions	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
6. Combustion	–	SM—PM EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	–
TOTAL actual load (kg)					

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

7.13 A57 Primary aluminium production

Table A57—Acceptable load calculation methods and emission factors, where applicable

(kg/tonne of product)

	Assessable pollutants—AIR				
Component or activity	*Coarse particulates*	*Fine particulates*	*Fluoride*	*NO_x*	*SO_x*
1. Anode baking scrubber	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G = 60 g/GJ natural gas consumed MB	SM—PM, CEMS EF—PEMS, SS, G MB
2. Potline scrubber stacks	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	SM—PM, CEMS EF—PEMS, SS, G MB
3. Potline roof vent emissions	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	SM—PM, CEMS EF—PEMS, SS, G MB
4. Metal casting and heat treatment	–	–	–	SM—PM EF—SS, G = 60 g/GJ natural gas consumed	–
TOTAL actual load (kg)					

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system); MB—mass balance

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

Mass balance equation:

Total SO_x = mass SO_x (petroleum coke) + mass SO_x (pitch) + mass SO_x (natural gas)

7.14 A58 Secondary aluminium production

Table A58—Acceptable load calculation methods and emission factors, where applicable

(kg/tonne of product)

	Assessable pollutants—AIR					
Component or activity	*Coarse particulates*	*Fine particulates*	*Fluoride*	*SO_x*	*NO_x*	*VOCs*
1. Material pre-treatment	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	–	SM—PM EF—PEMS, SS, G
2. Smelting and refining	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	–
3. Transport and storage of product	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	–	–
4. Combustion	–	SM—PM EF—PEMS, SS, G	–	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	–
5. Fugitive emissions	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
TOTAL actual load (kg)						

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

7.15 A59 Primary non-ferrous production (excl. aluminium)

Table A59—Acceptable load calculation methods and emission factors, where applicable

(kg/tonne of product)

	Assessable pollutants—AIR				
Component or activity	*Coarse particulates*	*Fine particulates*	*SO_x*	*Metals (Pb, Hg)*	*Non-metals (As)*
1. Sintering					
1(a) Sinter plant stack emissions	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—SS	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
2. Acid plant					
2(a) Acid plant stack emissions	–	–	SM—PM, CEMS EF—SS	–	–
2(b) Acid plant venting	–	–	SM—PM, CEMS EF—SS	–	–
3. Smelting and refining					
3(a) Copper, brass, bronze	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—SS	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
3(b) Zinc	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—SS	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
3(c) Lead	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—SS	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
3(d) Cadmium	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
4. Alloying and casting					
4(a) Copper, brass, bronze	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—SS	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
4(b) Zinc	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—SS	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
4(c) Lead	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—SS	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
5. Fugitive emissions	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
6. Combustion					
6(a) Natural gas-fired boilers [kg/m^3 gas]	SM—PM EF—SS, G = 0	SM—PM EF—SS, G = 0.00012	SM—PM EF—SS, G = 0.0000096	–	–
6(b) Other	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	–	–
TOTAL actual load (kg)					

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

Table A59 (continued)

	Assessable pollutants—WATER		
Component or activity	*Total suspended solids*	*Metals (Cd, Cr, Cu, Pb, Hg, Zn)*	*Non-metals (As, Se)*
7. Wastewater—point source	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS
TOTAL actual load (kg)			

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring); EF—emission factor (SS—site specific)

7.16 A60 Secondary non-ferrous production (excl. aluminium)

Table A60—Acceptable load calculation methods and emission factors, where applicable

(kg/tonne of product)

	Assessable pollutants—AIR					
Component or activity	*Coarse particulates*	*Fine particulates*	*SO_x*	*NO_x*	*VOCs*	*Lead*
1. Scrap metal treatment	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	SM—PM EF—PEMS, SS, G	–
2. Smelting, alloying and casting						
2(a) Copper, brass, bronze	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	SM—PM EF—PEMS, SS, G	–
2(b) Zinc	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	SM—PM EF—PEMS, SS, G	–
2(c) Lead	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
3. Combustion	–	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	–	–
4. Fugitive emissions	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–
TOTAL actual load (kg)						

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

7.17 A66 Paper production and A67 Other paper production

Table A66/A67—Acceptable load calculation methods and emission factors, where applicable

(kg/tonne of product)

	Assessable pollutants—AIR		
Component or activity	*Coarse particulates*	*Fine particulates*	*NO_x*
1. Combustion	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM, CEMS EF—SS
TOTAL actual load (kg)			

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (SS—site specific; PEMS—predictive emission monitoring system)

	Assessable pollutants—WATER					
Component or activity	*BOD*	*Salt*	*TSS*	*Total N*	*Total P*	*Zn*
2. Wastewater – point source	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS
3. Pollutants in wastewater imported from other licensed activities	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS
TOTAL actual load (kg)						

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (SS—site specific)

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

7.18 A68 Petroleum refining

Table A68—Acceptable load calculation methods and emission factors, where applicable

(kg/tonne of final product refined or manufactured, as applicable)

	Assessable pollutants—AIR						
Component or activity	*Benzene*	*Benzo(a) pyrene (equiv.)*	*Fine particulates*	*H_2S*	*NO_x*	*SO_x*	*VOCs*
1. Separation processes	SM—PM, CEMS EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	–	SM—PM, CEMS EF—PEMS, SS, G	–	–	SM—PM, CEMS EF—PEMS, SS, G
2. Conversion processes	SM—PM, CEMS EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G
3. Treating process	SM—PM, CEMS EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G
4. Auxiliary activities	–	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G	SM—PM, CEMS EF—PEMS, SS, G
5. Transfer of bulk liquids	SM—PM, CEMS EF—PEMS, SS, G TANKS	–	–	–	–	–	SM—PM, CEMS EF—PEMS, SS, G TANKS
6. Bulk storage of organic liquids	SM—PM, CEMS EF—PEMS, SS, G TANKS	–	–	–	–	–	SM—PM, CEMS EF—PEMS, SS, G TANKS
7. Fugitive emissions from leaks and spills	–	–	–	–	–	–	SM—PM, CEMS EF—PEMS, SS, G
8. Air emissions from wastewater treatment	–	–	–	–	–	–	SM—PM, CEMS EF—PEMS, SS, G
9. Vapour recovery units	–	–	–	–	–	–	SM—PM, CEMS EF—PEMS, SS, G
TOTAL actual load (kg)							

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

Table A68 (continued)

	Assessable pollutants—WATER				
Component or activity	*BOD*	*O&G*	*TSS*	*Total PAHs*	*Total phenolics*
10. Wastewater—point source	SM—PM EF—SS	SM—PM EF—SS	SM—PM EF—SS	SM—PM EF—SS	SM—PM EF—SS
11. Pollutants in wastewaters imported from other licensed activities	SM—PM EF—SS	SM—PM EF—SS	SM—PM EF—SS	SM—PM EF—SS	SM—PM EF—SS
TOTAL actual load (kg)					

SM—source monitoring (PM—periodic monitoring); EF—emission factor (SS—site specific)

7.19 A69 Waste oil recovery

Table A69—Acceptable load calculation methods and emission factors, where applicable

(kg/tonne recovered)

	Assessable pollutants—AIR	
Component or activity	*Lead*	*VOCs*
1. Pretreatment	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
2. Process	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
3. Transfer	SM—PM EF—PEMS, SS, G	SM—PM EF—PEMS, SS, G
TOTAL actual load (kg)		

SM—source monitoring (PM—periodic monitoring); EF—emission factor (G—generic; SS—site specific; PEMS—predictive emission monitoring system)

Note: Where EF—G is shown without a numerical value, no adequate data is available for Australian conditions at this time and an EF—PEMS or EF—SS may be developed by the licensee.

	Assessable pollutants—WATER
Component or activity	*Oil & grease*
4. Wastewater—point source	SM—PM, CEMS EF—SS
TOTAL actual load (kg)	

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring); EF—emission factor (SS—site specific)

7.20 A71 Sewage treatment

Table A71—Acceptable load calculation methods and emission factors, where applicable

(a) Small plants (219 to < 10,000 ML per year)

Small sewage treatment plants	*Assessable pollutants—WATER*				
Component or activity	*BOD*	*Oil & grease*	*Total N*	*Total P*	*TSS*
1. Wastewater—point source	SM—PM, CEMS EF—SS, G	SM—PM, CEMS EF—SS, G	SM—PM, CEMS EF—SS, G	SM—PM, CEMS EF—SS, G	SM—PM, CEMS EF—SS, G
TOTAL actual load (kg)					

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (G—generic; SS—site specific)

Generic emission factors for small STPs in NSW

Plant type	BOD (mg/L)	Oil & grease (mg/L)	Total N (mg/L)	Total P (mg/L)	TSS (mg/L)
Activated sludge plants					
Conventional activated sludge (CAS)	15	10	40	10	20
CAS + chemical P removal + filtration	5	2	20	0.5	5
Extended aeration (EA)	15	10	20	10	20
EA with denitrification	15	10	10	10	20
EA + ponds[a]	10	10	5	8	15
EA + filtration	8	2	20	8	8
EA + chemical P removal	15	10	20	1	15
EA + chemical P removal + filtration	5	2	20	0.5	5
EA with biological nutrient (N & P) removal	15	10	10	5	20
EA with biological nutrient (N & P) removal + chemical P removal + filtration	5	2	10	0.5	20
EA + ponds + chemical P removal	10	10	5	< 1	15
EA + ponds + biological P removal	10	10	5	5	15
EA + ponds + chemical P removal + filtration	5	2	5	0.5	5
EA + ponds + filtration	5	2	5	8	5
Trickling filter plants					
Trickling filters (TF)	30	10	40	10	40
TF + ponds	20	10	40	10	30
TF + filtration	20	2	40	10	20

Plant type (*continued*)	**BOD** (mg/L)	**Oil & grease** (mg/L)	**Total N** (mg/L)	**Total P** (mg/L)	**TSS** (mg/L)
Lagoon technology					
Oxidation ponds	50	10	40	10	50
Oxidation ponds + ponds	30	10	40	10	40
Aerated lagoon	40	10	40	10	40
Aerated lagoons + ponds	20	10	20	10	30
Hybrid plants					
Anaerobic + aerated lagoon + ponds	20	10	20	10	30
CAS + ponds	15	10	20	10	20
TF + extended aeration with no denitrification	15	10	40	10	20
TF + extended aeration with denitrification	15	10	15	10	20
TF + CAS + ponds	15	10	40	10	20
TF + oxidation ponds + ponds	20	10	40	10	30
TF + extended aeration + ponds	10	10	5	8	15
TF + extended aeration + ponds + chemical P removal	10	10	5	1	15

[a] 'Pond' refers to detention of effluent for more than 10 days in a form of open effluent impoundment.

(b) Large plants (> 10,000 ML per year)—include all those assessable pollutants listed for small STPs plus the following assessable pollutants

Large sewage treatment plants	*Assessable pollutants—WATER*							
Component or activity	*Cd*	*Cr*	*Cu*	*Pb*	*Hg*	*Se*	*Zn*	*Pesticides & PCBs*
1. Wastewater—point source	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS	SM—PM, CEMS EF—SS
TOTAL actual load (kg)								

SM—source monitoring (PM—periodic monitoring; CEMS—continuous emission monitoring system); EF—emission factor (SS—site specific)

Note: Biosolids from sewage treatment plants, as defined in Schedule 1, Division 2 of the *Protection of the Environment Operations Act 1997*, are not part of the Load-based Licensing Scheme. *Environmental Guidelines: Use and Disposal of Biosolids Products* (EPA 1997) should be consulted for information on biosolids management.

7.21 A74 Biomedical waste incineration

Table A74—Acceptable load calculation methods and emission factors, where applicable

(kg/tonne of material incinerated)

	Assessable pollutants—AIR							
Component or activity	*As*	*Benzene*	*B(a)P*	*Fine particulates*	*Pb*	*Hg*	*NO_x*	*SO_x*
1. Combustion	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS
TOTAL actual load (kg)								

SM—source monitoring (PM—periodic monitoring); EF—emission factor (SS—site specific; PEMS—predictive emission monitoring system)

7.22 A85 Municipal solid waste incineration

Table A85—Acceptable load calculation methods and emission factors, where applicable

(kg/tonne of material incinerated)

	Assessable pollutants—AIR							
Component or activity	*As*	*Benzene*	*B(a)P*	*Fine particulates*	*Pb*	*Hg*	*NO_x*	*SO_x*
1. Combustion	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS	SM—PM EF—PEMS, SS
TOTAL actual load (kg)								

SM—source monitoring (PM—periodic monitoring); EF—emission factor (SS—site specific; PEMS—predictive emission monitoring system)

Worksheet 2

1. Copy the names of the assessable pollutants and the components of the activity from the relevant table in Part B into a table like the one below. Add more rows or columns if necessary.
2. Using Sections 2, 3 and 4, and Part B of the Protocol, calculate the actual pollutant loads for each component or activity. Repeat for each assessable pollutant for your industry.
3. Sum the loads of each assessable pollutant for each component to calculate the total actual loads and enter the results in the Worksheet.
4. Calculate any weighted loads (Section 5) and enter the amounts in the Worksheet.
5. Record any agreed loads shown in a load reduction agreement from the EPA (Section 6) in the indicated cells.
6. Use the values for actual, weighted and agreed loads to complete the annual return.

EPA premises number	
Activity classification	
Licence fee period	...../...../..... to ...../...../.....

AIR

	Assessable pollutants (kg per licence fee period)						
Component or activity	**1**	**2**	**3**	**4**	**5**	**6**	**7**
1							
2							
3							
4							
5							
6							
7							
8							
Actual pollutant load (total of above)							
Weighted pollutant load							
Agreed pollutant load							

WATER

	Assessable pollutants (kg per licence fee period)						
Component or activity	**1**	**2**	**3**	**4**	**5**	**6**	**7**
1							
2							
3							
4							
5							
Actual pollutant load (total of above)							
Weighted pollutant load							
Agreed pollutant load							

TENDERS

Department of Commerce

SUPPLIES AND SERVICES FOR THE PUBLIC SERVICE

Information in relation to the Department of Commerce proposed, current and awarded tenders is available on:

http://www.tenders.nsw.gov.au

PRIVATE ADVERTISEMENTS

COUNCIL NOTICES

BAULKHAM HILLS SHIRE COUNCIL

Roads Act 1993, Section 162

Roads (General) Regulation 2000

Naming a new section of public road and the naming two existing public road sections of Victoria Road, Castle Hill to the names described below

NOTICE is hereby given that pursuant to the Roads (General) Regulation 2000, as amended, and section 162 of the Roads Act 1993, as amended, Baulkham Hills Shire Council resolved on 15th July 2003, to rename the roads described below.

Description	*Proposed Road Name*
The new deviation of Green Road from the intersection of Wrights Road southwards to the intersection of St Pauls Avenue.	Green Road.
The northern remaining section of Victoria Road from the intersection of Wrights Road southwards to where it meets the intersection of Harrington Avenue.	Harrington Avenue.
The southern section of Victoria Road from the intersection of St Pauls Avenue southwards to the intersection of Showground Road.	Green Road.

Enquiries: Land Information Section on 9843 0555. D. MEAD, General Manager, PO Box 75, Castle Hill NSW 1765. [1025]

BEGA VALLEY SHIRE COUNCIL

Road Naming – Short Point Road, Merimbula

NOTICE is hereby given that the Bega Valley Shire Council, pursuant to section 162(1) of the Roads Act 1993, has named the following section of road described hereunder:

The road is that section of a presently unnamed road, which extends approximately 550 metres in a northly direction from the intersection of Cliff and Wyeebo Streets towards the Short Point Beach carpark in Merimbula. To be named Short Point Road.

Authorised by a Council Resolution 22nd February 2005. D. G. Jesson, General Manager, Bega Valley Shire Council, PO Box 492, Bega NSW 2550. [1035]

DUBBO CITY COUNCIL

Roads Act 1993 Section 10 (1)

Notice of Dedication of Land as Public Road

NOTICE is hereby given by Dubbo City Council that in pursuance of section 10 (1), Division 1 of Part 2 of the Roads Act 1993, the land described in the Schedule below is hereby dedicated as public road. Signed at Dubbo on 4 February 2005. MARK RILEY, General Manager, Dubbo City Council, PO Box 81, Dubbo NSW 2830.

SCHEDULE

Lot 1 in DP 1039575, Parish of Dubbo, County of Lincoln.

Lot 1 in DP 633128, Parish of Minore, County of Narromine. [1031]

PITTWATER COUNCIL

Roads Act 1993, Section 10

Dedication of Land as Public Road

NOTICE is hereby given that Pittwater Council, under section 10 of the Roads Act 1993, dedicates the land described in the Schedule below as public road. A. GORDON, General Manager, Pittwater Council, PO Box 882, Mona Vale NSW 1660.

SCHEDULE

Lots 145 and 146 in Deposited Plan 9151, Parish of Narrabeen, County of Cumberland and Local Government area of Pittwater. [1033]

MURRAY SHIRE COUNCIL

LOCAL GOVERNMENT ACT 1993, SEC 713

SALE OF LAND FOR OVERDUE RATES

NOTICE is hereby given to the persons named hereunder that the Council of the Shire of Murray has resolved, in pursuance of section 713 of the Local Government Act 1993, to sell land described hereunder of which the persons named appear to be the owners or which they appear to have an interest and on which the amount of rates and charges stated in each case as of 25 February 2005 is due:

Owners or persons having an interest in Land *(a)*	*Description of land* *(b)*	*Amount of Rates (including extra charges) overdue for more than five years* *(c)* *$*	*Amount of other rates (including extra charges) due and in arrears* *(d)* *$*	*Total* *(e)* *$*
Owner: Dennis John Ryan	Lot 1 DP 855210, Parish: Mars, County: Cadell Area: 1.048 Ha	359.60	1,515.81	1,875.41
Owner: John William Bayley Mortgagee: Westpac Banking Corporation	Lots 6, 7 and 8, Section 4, DP 759106, Parish: Mars-Womboota, County: Cadell, Area: 6704 sq m	93.70	1,381.76	1,475.46
Owner: Columbian Emeralds Pty Ltd	Lot 1, DP 113741, Parish: Wongal, County: Cadell Area: 2224 sq m	1850.54	3,391.12	5,241.66

In default of payment to the Council of the amount stated in Column (e) above and any other rates (including extra charges) becoming due and payable after publication of this notice, or an arrangement satisfactory to Council for the payment of all such rates being entered into by the rateable person, before the fixed time for the sale, the said Land will be offered separately for sale by Public Auction at the Shire Hall, Conargo Street, Mathoura, on Friday 13 May at 12.p.m.
G. J. MURDOCH, General Manager. [1030]

NARRABRI SHIRE COUNCIL

ERRATUM

THE road originally gazetted in the *New South Wales Government Gazette,* dated 24th December 2004, as Drilldool Road should be correctly spelt as "Drildool Road".

Roads Act 1993 – Naming of Council Roads

NOTICE is hereby given that the Narrabri Shire Council, in accordance with section 162 of the Roads Act 1993 and section 7, 8 and 9 of the Roads (General) Regulation, has determined the names for the Roads as shown hereunder:

New Name	Locality	Description	Previous Name/s
BOOLCARROL ROAD	Wee Waa	Mitchell Sreet, Wee Waa – Trucking Yards Lane, Wee Waa	Boolcarrol Road
CUDGEWAR LANE	Wee Waa, Merah North	Kamilaroi Highway, Lot 1, DP 707432	Cudgewar Lane
DUBBO CREEK ROAD	Gwabegar	Lot 4, DP 750250; Lot 14, DP 750274	Dubbo Creek Road
MURRUMBILLA LANE	Narrabri	Newell Highway, Lot 41, DP 836520	Murrumbilla Lane
SANDY HOOK LANE	Wee Waa	Lot 45, DP 802158; Lot 7, DP 757121	Sandy Hook Lane
TUPPIARI ROAD	Jacks Creek	Lot 1, DP 602180; Lot 67, DP 44033	Tuppiari Road
WILD WILLOWS LANE	Narrabri	Lot 5, DP 757120; Lot 5, DP 757120	Wild Willows Lane
OLD GUNNEDAH ROAD	Narrabri, Tarriaro	Lot 352, DP 754944; Lot 211, DP 789649	Old Gunnedah Road, Tarriaro Road, Wallah Road, Maules Creek Road
TARINGA LANE	Edgeroi, Narrabri	Lot 7001, DP 1053706; Lot 9, DP 594667	Stories Road
ROSEVALE ROAD	Yarrie Lake	Lot 33, DP 828711; Lot 20, DP 757098	Stumpy Lane, Prices Road

I. R. McCALLUM, General Manager, Narrabri Shire Council, PO Box 261, Narrabri NSW 2390. [1027]

ESTATE NOTICES

NOTICE of intended distribution of estate.–Any person having any claim upon the estate of EVELYN ABELA, late of Rosemore Nursing Home, 18 Kingsgrove Road, Belmore, in the State of New South Wales, who died on 24th November 2004, must send particulars of their claim to the executrix, Marie Louise Cini, c.o. Simpson & Co, Solicitors, 103A Anzac Parade, Kensington NSW 2033, within one (1) calendar month from publication of this notice. After that time the assets of the estate and the property may be conveyed and distributed having regard only to the claims of which at the time of conveyance or distribution the executrix has notice. Probate was granted in New South Wales on 27th January 2005. SIMPSON & CO, Solicitors, 103A Anzac Parade, Kensington, NSW 2033 (PO Box 340, Kensington 1465), tel.: (02) 9662 4381. [1026]

NOTICE of intended distribution of estate.–Any person having any claim upon the estate of CHRIS MARMARAS, late of 83 Curtin Avenue, Wahroonga, in the State of New South Wales, business owner, who died on 19th July 2004, must send particulars of his/her claim to the executrix, Maria Marmaras, c.o. Collins & Thompson, Solicitors, 8 Coronation Street, Hornsby NSW 2077, within one (1) calendar month from publication of this notice. After that time the assets of the estate may be conveyed and distributed having regard only to the claims of which at the time of distribution the executrix has notice. Probate was granted in New South Wales on 25th January 2005. COLLINS & THOMPSON, Solicitors, 8 Coronation Street, Hornsby NSW 2077. Reference: DJT:JAC:86793. [1028]

NOTICE of intended distribution of estate.–Any person having any claim upon the estate of NOLEEN ELIZABETH SETCHELL, late of Bateau Bay, in the State of New South Wales, retired, who died on 16th November 2004, must send particulars of their claim to the executor, Christopher Warren Setchell, c.o. Peninsula Law, Solicitors, 103-105 Blackwall Road, Woy Woy NSW 2256, within one (1) calendar month from publication of this notice. After that time the assets of the estate may be conveyed and distributed having regard only to the claims of which at the time of distribution he has notice. Probate was granted in New South Wales on 27th January 2005. PENINSULA LAW, Solicitors, 103-105 Blackwall Road, Woy Woy NSW 2256 (PO Box 162, Woy Woy 2256), tel.: (02) 4342 1111. [1032]

COMPANY NOTICES

NOTICE to creditors.–BID CORPORATION PTY LIMITED, ACN 071 856 132 (in liquidation).–In the matter of the Corporations Law, the creditors of the abovenamed company are required on or before 11th March 2005, to prove their debts or any claims to establish any title they may have to priority by delivering or sending through the post to the liquidator at the undermentioned address an affidavit verifying their respective debts or claims. In default they will be excluded from the benefit of any distribution made before such debts or claims are proved or such priority is established and from objecting to any such distribution. Form of proof may be obtained from the liquidator at the address shown below. Dated this 16th February 2005. E. M. COWLEY, Liquidator, c.o. E. M. Cowley & Co., Chartered Accountant, Suite 3, 11 West Street, North Sydney NSW 2060, tel.: (02) 9955 6488. [1029]

NOTICE of members' final meeting.–F. CROSBIE & ASSOCIATES (SC 0004946).–Notice is hereby given that a final member's meeting will be held at the office of the liquidator, Level 7, 30 Clarence Street, Sydney, on 28th March 2005, at 9:30 a.m., for the purpose of having laid before it an account showing how the winding up has been conducted. STEPHEN BATES, Chartered Accountant, c.o. Watson Erskine & Co., Level 7, 30 Clarence Street, Sydney NSW 2000, tel.: (02) 9262 5777. [1034]

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