

OF THE STATE OF NEW SOUTH WALES

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LEGISLATION

Regulations



Local Government (General) Amendment (Employment Protection) Regulation 2004

under the

Local Government Act 1993

Her Excellency the Governor, with the advice of the Executive Council, has made the following Regulation under the *Local Government Act 1993*.

ANTHONY BERNARD KELLY, M.L.C.,

Minister for Local Government

Explanatory note

One of the objects of this Regulation is to exempt certain kinds of termination payments by a council to its senior staff from a requirement, under section 354A of the *Local Government Act 1993* (the *Act*), for Ministerial approval.

A further object is to specify circumstances in which a council to which a former council's staff are transferred, following the constitution, amalgamation or alteration of council areas, is bound by a determination of the terms and conditions of employment of those staff made during the period when the relevant proposal to constitute, amalgamate or alter the council areas was being considered. Under section 354E of the Act, the council to which the staff are transferred is not bound by any such determination, unless the determination has been approved by the Minister or complies with requirements specified in regulations.

This Regulation is made under the *Local Government Act 1993*, including section 748 (the general regulation-making power) and sections 354A (4) and 354E (4) (a).

s04-057-12.p01 Page 1

Clause 1

Local Government (General) Amendment (Employment Protection) Regulation 2004

Local Government (General) Amendment (Employment Protection) Regulation 2004

under the

Local Government Act 1993

1 Name of Regulation

This Regulation is the Local Government (General) Amendment (Employment Protection) Regulation 2004.

2 Amendment of Local Government (General) Regulation 1999

The Local Government (General) Regulation 1999 is amended as set out in Schedule 1.

Local Government (General) Amendment (Employment Protection) Regulation 2004

Amendment Schedule 1

Schedule 1 Amendment

(Clause 2)

Clauses 43C and 43D

Insert after clause 43B:

C Exemption from Ministerial approval for certain termination payments to senior staff

- (1) The following kinds of payments to a senior staff member are exempted from section 354A of the Act:
 - (a) a termination payment that does not exceed the value of the senior staff member's total remuneration package over the 12 months preceding his or her termination of employment,
 - (b) a payment to which the senior staff member is entitled, on termination of employment, under any Act.
- (2) For the purposes of subclause (1) (a), a senior staff member's total remuneration package includes the matters set out in section 332 (3) (a)–(d) of the Act.

43D Determinations relating to staff entitlements during proposal period not requiring Ministerial approval

A determination to which section 354E of the Act applies is not required to be approved by the Minister if it complies with any of the following requirements:

- (a) it is a determination that is authorised by an industrial instrument, or employment policy of the former council, made or approved before the proposal period,
- (b) it is a determination in, or authorised by, an award, enterprise agreement or other industrial instrument made or approved by the Industrial Relations Commission or Australian Industrial Relations Commission,
- (c) it is a determination that comprises the renewal of an employment contract entered into before the proposal period.



under the

Mine Subsidence Compensation Act 1961

Her Excellency the Governor, with the advice of the Executive Council, has made the following Regulation under the *Mine Subsidence Compensation Act 1961*.

KERRY ARTHUR HICKEY, M.P., Minister for Mineral Resources

Explanatory note

The object of this Regulation is to prescribe the rates (per dollar of land value) at which contributions to the Mine Subsidence Compensation Fund payable by certain colliery proprietors are to be calculated for the 2003 calendar year.

This Regulation is made under the *Mine Subsidence Compensation Act 1961*, including section 11 (Contributions to be paid by colliery proprietors to Fund) and section 18 (the general regulation-making power).

s04-026-42.p01 Page 1

Clause 1

Mine Subsidence Compensation Amendment (Contributions) Regulation 2004

Mine Subsidence Compensation Amendment (Contributions) Regulation 2004

under the

Mine Subsidence Compensation Act 1961

1 Name of Regulation

This Regulation is the *Mine Subsidence Compensation Amendment (Contributions) Regulation 2004.*

2 Amendment of Mine Subsidence Compensation Regulation 2002

The *Mine Subsidence Compensation Regulation 2002* is amended as set out in Schedule 1.

Amendment Schedule 1

Schedule 1 Amendment

(Clause 2)

Schedule 1

Omit the Schedule. Insert instead:

Schedule 1 Rate of contribution to mine subsidence compensation fund for 2003

(Clause 4)

Column 1	Column 2	
Colliery holding	Rate (in \$)	
Aberdare North	Excepted	
Airly	0.00118	
Angus Place	0.04582	
Antiene	Excepted	
Appin	0.02901	
Avon	Excepted	
Avondale	0.00046	
Baal Bone	0.06925	
Bargo	Excepted	
Bayswater No 2	0.44764	
Bellambi West	0.00011	
Bengalla	0.06931	
Berrima	0.00434	
Bloomfield	0.00625	

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Schedule 1 Amendment

Column 1	Column 2
Colliery holding	Rate (in \$)
Blue Mountains	0.02000
Boggabri	0.00056
Brimdale	Excepted
Brimstone Extended	Excepted
Bulli Main	Excepted
Camberwell	0.03673
Canyon	1000.00
Cardiff Borehole	Excepted
Chain Valley	0.01703
Charbon	0.02671
Clarence	0.03279
Coal Cliff	0.00062
Cordeaux	0.00305
Cullen Valley	0.08502
Cumnock No 1	0.01459
Dartbrook	0.05852
Dendrobium	Excepted
Donaldson Coal	0.02023
Drayton	0.05293
Duralie	0.00499

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Amendment Schedule 1

Column 1	Column 2
Colliery holding	Rate (in \$)
Elouera	0.01373
Enhance Place	0.01955
Fernbrook	0.00333
Glendell	Excepted
Glennies Creek	0.02966
Gunnedah	0.00667
Hunter Valley Extended	0.00133
Hunter Valley Operations	0.03556
Huntley	0.00035
Invincible	0.00125
Ivanhoe No 2	0.02934
John Darling	Excepted
Kandos No 3	0.00400
Kemira	0.00050
Lambton	Excepted
Liddell	0.02176
Lithgow Valley	Excepted
Mandalong	0.01938
Maules Creek	0.00049
Metropolitan	0.01595

Schedule 1 Amendment

Column 1	Column 2
Colliery holding	Rate (in \$)
Mitchells Flat	0.00057
Mount Owen	0.06201
Mount Thorley	0.03596
Munmorah	0.01916
Muswellbrook	0.01541
Myuna	0.04656
Narama	0.03274
Nardell Underground	Excepted
Nattai	0.00136
New Wallsend No 2	0.01051
Newdell	Excepted
Newstan	0.02977
North Cliff	0.00046
Northern	Excepted
Preston & Preston Extended Tunnel	0.01250
Ravensworth East	0.04019
Rixs Creek	0.01465
Saxonvale	0.05367
Southland	0.04231
Springvale	0.04839

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Amendment Schedule 1

Column 1	Column 2
Colliery holding	Rate (in \$)
Stratford	0.07430
Tahmoor	0.01521
Ulan No 2	0.07390
United	0.07325
Valley No 1	0.01449
Valley No 3	0.02558
Vickery	0.00230
Wallarah	0.00060
Wallerawang	Excepted
Wambo	0.06098
Warkworth	0.06477
West Cliff	0.10581
West Wallsend	0.05047
Western Main	0.00250
Westside	0.00404
Whitehaven	0.03676
Wyee	0.00052

OFFICIAL NOTICES

Appointments

COAL ACQUISITION (COMPENSATION) ARRANGEMENTS 1985

NSW Coal Compensation Board Appointment

HER Excellency the Governor, with the advice of the Executive Council and pursuant to Section 4 of the Coal Acquisition (Compensation) Arrangements 1985, has appointed to the New South Wales Coal Compensation Board for a term expiring on 31 October 2005:

ROBERT DOUGLAS MARTIN as a member who is a person not holding an office of profit under the Crown

Signed and sealed this 25th day of February 2004.

KERRY HICKEY, M.P., Minister for Mineral Resources

CENTENNIAL PARK AND MOORE PARK TRUST ACT, 1983

Appointment of Trustee

HER Excellency the Governor, on the recommendation of the Minister and with the advice of the Executive Council, in pursuance to Section 7(1)(b) of the Centennial Park and Moore Park Trust Act 1983, has appointed the following person as a member of the Centennial Park and Moore Park Trust for a period of two years commencing on and from the date of the Governor's approval to 1 December 2005.

Ms Yvette Pietsch (Tro

(Trustee)

SANDRA NORI, MP Minister for Tourism and Sport and Recreation Minister for Women

NSW Fisheries

FISHERIES MANAGEMENT ACT 1994 FISHERIES MANAGEMENT (AQUACULTURE) REGULATION 2002

Section 177(c) – Notice of Aquaculture Lease Cancellation

OL71/262 within the estuary of Clyde River, having an area of 0.9124 hectares formerly leased by Ms Maree Liddle.

OL85/101 within the estuary of Clyde River, having an area of 2.0211 hectares formerly leased by Ms Maree Liddle.

OL59/147 within the estuary of Hastings River, having an area of 0.2009 hectares formerly leased by Mr Jay Thomas Bleasdale.

OL79/155 within the estuary of Hastings River, having an area of 0.0468 hectares formerly leased by Mr Jay Thomas Bleasdale.

OL83/104 within the estuary of Hastings River, having an area of 0.179 hectares formerly leased by Mr Jay Thomas Bleasdale.

OL95/023 within the estuary of Hastings River, having an area of 0.3136 hectares formerly leased by Mr Jay Thomas Bleasdale.

OL59/029 within the estuary of Patonga Creek, having an area of 1.3608 hectares formerly leased by Ms Linda Witchard.

OL75/180 within the estuary of the Hawkesbury River, having an area of 0.8437 hectares, formerly leased by Colin and Linda Billington.

OL76/063 within the estuary of the Hawkesbury River, having an area of 1.1 hectares, formerly leased by Colin and Linda Billington.

OL77/277 within the estuary of the Hawkesbury River, having an area of 0.3363 hectares, formerly leased by Colin and Linda Billington.

OL83/041 within the estuary of the Hawkesbury River, having an area of 0.1249 hectares, formerly leased by Colin and Linda Billington.

STEVE DUNN, 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:

AL03/007 and AL03/009 within the estuary of Wallis Lake, having an area of 0.5925 hectares and 0.1957 hectares respectively, to Barry Raymond Holden and Karen Holden of Tuncurry, NSW for a term of 15 years expiring on 12 December 2018.

STEVE DUNN, Director-General, NSW Fisheries

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:

OL72/270 within the estuary of the Hastings River, having an area of 1.1284 hectares to Mr Robert Sprague and Mrs Anne Sprague of Port Macquarie, NSW, for a term of 15 years expiring on 9 February 2018.

OL57/278 within the estuary of Brisbane Waters, having an area of 0.1662 hectares to Winston Rupert Riley of Booker Bay, NSW, for a term of 15 years expiring on 12 October 2017.

OL58/161 within the estuary of Wapengo Lake, having an area of 0.5613 hectares to Mr Terry Britton and Mrs Marjorie Britton of Tathra, NSW, for a term of 15 years expiring on 19 July 2018.

STEVE DUNN, Director-General, NSW Fisheries

FISHERIES MANAGEMENT ACT 1994 NOTICE OF RECEIPT OF APPLICATION FOR AQUACULTURE LEASE

Notification under s.163 (7) of the Fisheries Management Act 1994, and cl.33 of the Fisheries Management (Aquaculture) Regulation 2002

NSW Fisheries advises that an application has been received for an aquaculture (oyster) lease over public water land for the purposes of cultivating Sydney rock oysters:

Location is at Clyde River, for an area identical to former oyster lease OL77/084. Application by Mr and Mrs Christensen of Nelligen, NSW, for an area to be known as AL03/025 (if granted) of approximately 0.9131 hectares, Parish of East Nelligen, County of St Vincent, Shire of Eurobodalla. If granted the lease will be subject to standard covenants and conditions of an aquaculture lease as imposed by NSW Fisheries.

NSW Fisheries is calling for written submissions from any person supporting or objecting to the oyster lease proposal, citing reasons for the support/objection.

NSW Fisheries is also calling for expressions of interest from persons or corporations interested in leasing the area specified above, for the purposes of aquaculture. An expression of interest must be in the form of a written response referring to lease number OL77/084, signed and dated with a return address.

Specific details of the proposed lease can be obtained, or enquiries made with NSW Fisheries, Aquaculture Administration Section, Port Stephens on (02) 4982 1232.

Objections or expressions of interest for consideration in the determination of the application must be received at the address below, within 40 days from the date of publication of this notification.

Executive Director of Aquaculture and Sustainable Fisheries, NSW Fisheries, Aquaculture Administration Section, Port Stephens Fisheries Centre, Private Bag 1, NELSON BAY, NSW, 2315

If additional expressions of interest are received, NSW Fisheries may offer the area for leasing through a competitive public tender process.

STEVE DUNN, Director–General NSW Fisheries

Department of Infrastructure, Planning and Natural Resources

Infrastructure and Planning



State Environmental Planning Policy No 71—Coastal Protection (Amendment No 3)

under the

Environmental Planning and Assessment Act 1979

Her Excellency the Governor, with the advice of the Executive Council, has made the following State environmental planning policy under the *Environmental Planning and Assessment Act 1979* in accordance with the recommendation made by the Minister for Infrastructure and Planning.

CRAIG JOHN KNOWLES, M.P.,

Minister for Infrastructure and Planning, and Minister for Natural Resources

e03-377-02.p02

Clause 1

State Environmental Planning Policy No 71—Coastal Protection (Amendment No 3)

State Environmental Planning Policy No 71—Coastal Protection (Amendment No 3)

under the

Environmental Planning and Assessment Act 1979

1 Name of Policy

This Policy is *State Environmental Planning Policy No 71—Coastal Protection (Amendment No 3)*.

2 Aims of Policy

The aims of this Policy are:

- (a) to extend the application of Part 3 (Significant coastal development) of *State Environmental Planning Policy No 71—Coastal Protection* to development in respect of which certain concurrences of the Director-General of the Department of Infrastructure, Planning and Natural Resources are required, and
- (b) to make additional requirements for the preparation of master plans concerning the subdivision of certain land that is not identified as being within a sensitive coastal location if the land is capable of subdivision into more than 25 lots, and
- (c) to make transitional provisions as a consequence of the amendments made by this Policy.

3 Land to which Policy applies

This Policy applies to the land to which *State Environmental Planning Policy No 71—Coastal Protection* applies.

4 Amendment of State Environmental Planning Policy No 71—Coastal Protection

State Environmental Planning Policy No 71—Coastal Protection is amended as set out in Schedule 1.

State Environmental Planning Policy No 71—Coastal Protection (Amendment No 3)

Amendments

Schedule 1

Schedule 1 Amendments

(Clause 4)

[1] Clause 9 Application of Part

Insert after clause 9 (2):

- (3) Despite subclause (2), this Part does apply to development in relation to which, under:
 - (a) State Environmental Planning Policy No 1— Development Standards, or
 - (b) State Environmental Planning Policy No 14—Coastal Wetlands, or
 - (c) State Environmental Planning Policy No 26—Littoral Rainforests,

development consent cannot be granted without the concurrence of the Director-General, whether or not the concurrence may be lawfully assumed.

[2] Clause 18 Master plan required before certain consents may be granted

Omit clause 18 (1) (b). Insert instead:

- (b) subdivision of land within a residential zone that is not identified as a sensitive coastal location into:
 - (i) more than 25 lots, or
 - (ii) 25 lots or less, if the land proposed to be subdivided and any adjoining or neighbouring land in the same ownership could be subdivided into more than 25 lots, or

[3] Clause 18 (1) (d)

Insert "including any adjoining or neighbouring land in the same ownership, as referred to in paragraph (b) (ii)," after "land,".

[4] Clause 18 (1) (e)

Omit "has waived the need for a master plan for the land under subclause (2)".

Insert instead "has, under subclause (2), waived the need for a master plan for the whole or a specified part of the land referred to in paragraph (d)".

State Environmental Planning Policy No 71—Coastal Protection (Amendment No 3)

Schedule 1 Amendments

[5] Clause 18 (3)

Insert after clause 18 (2):

- (3) For the purposes of this clause, areas of land that are adjoining or neighbouring are in the same ownership if:
 - (a) the registered proprietor of all the areas of land is the same person, or
 - (b) the registered proprietor of part of the areas of land is a body corporate and the registered proprietor of the other part is, or the registered proprietors of the other parts are, a director or shareholder of the body corporate, or a related body corporate of the body corporate.

[6] Clause 18 (4)

Insert after clause 18 (3):

(4) In subclause (3):

body corporate has the same meaning as in the *Corporations Act 2001* of the Commonwealth.

registered proprietor means a registered proprietor under the *Real Property Act 1900*.

related body corporate has the same meaning as in the *Corporations Act 2001* of the Commonwealth.

[7] Clause 25 Transitional provisions

Insert after clause 25 (3):

- (4) The amendment made to clause 9 of this Policy by State Environmental Planning Policy No 71—Coastal Protection (Amendment No 3) extends to a development application made on or after 17 January 2003 but not finally determined before the commencement of State Environmental Planning Policy No 71—Coastal Protection (Amendment No 3).
- (5) Except as provided by subclause (4), the amendments made to this Policy by *State Environmental Planning Policy No 71—Coastal Protection (Amendment No 3)* do not extend to a development application made but not finally determined before the commencement of *State Environmental Planning Policy No 71—Coastal Protection (Amendment No 3)*.

Natural Resources

WATER ACT 1912

Volumetric Water Allocation Scheme

Section 20Z of the Water Act 1912

THE Water Administration Ministerial Corporation notifies entitlement holders (licences, authorities, group licences) that the Gwydir Regulated River water source is unlikely to have sufficient water available to meet the requirements of general security water entitlements. Accordingly, water allocations for general security entitlements will be reduced to 23% as from 29 February 2004 until a further notification varying this notification is published.

Dated this twelfth day of March 2004.

Signed for the Water Administration Ministerial Corporation:

GA2472258.

RANDALL HART, Regional Director, Barwon Region Department of Infrastructure, Planning and Natural Resources (by delegation)

WATER ACT 1912

Volumetric Water Allocation Scheme

Section 20Z of the Water Act 1912

THE Water Administration Ministerial Corporation notifies entitlement holders (licences, authorities, group licences) that the Lower Namoi Regulated River water source is unlikely to have sufficient water available to meet the requirements of general security water entitlements. Accordingly, water allocations for general security entitlements will be reduced to 42% as from 29 February 2004 until a further notification varying this notification is published.

Dated this twelfth day of March 2004.

Signed for the Water Administration Ministerial Corporation:

GA2472259.

RANDALL HART,
Regional Director, Barwon Region
Department of Infrastructure, Planning and Natural
Resources
(by delegation)

WATER ACT, 1912

Notice Pursuant to Section 20 Z

THE Water Administration Ministerial Corporation notifies holders of entitlement (licences, authorities, irrigation corporations, group licences and rights under section 38B) to water that General Security water allocations in the Lower Darling River Volumetric Water Allocations Scheme water source are limited to thirty percent (30%) from the date of this notice until the 30th June 2004.

Dated this 10th day of March 2004

Signed for the Water Administration Ministerial Corporation DAVID HARRISS Regional Director Murray/Murrumbidgee Region Department of Infrastructure, Planning and Natural Resources (by Delegation)

GA2:469510

Department of Lands

DUBBO OFFICE

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

NOTIFICATION OF CLOSING OF ROADS

IN pursuance of the provisions of the Roads Act 1993, the roads hereunder specified are closed and the lands comprised therein are freed and discharged from any rights of the public or any other person to the same as highways.

TONY KELLY, M.L.C., Minister Assisting the Minister for Natural Resources (Lands)

Description

Land District of Dunedoo; Local Government Area of Mudgee.

Lot 1, DP 1064927, Parishes of Merotherie and Narragamba, County of Bligh (not being land under the Real Property Act).

File No.: DB02 H 309.

Note: On closing, the title for Lot 1 shall remain vested in the State of New South Wales as Crown Land.

FAR WEST REGIONAL OFFICE

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

ASSIGNMENT OF NAME TO A RESERVE TRUST

PURSUANT to Clause 4(3) of Schedule 8 to the Crown Lands Act 1989, the name specified in Column 1 of the Schedule hereunder, is assigned to the reserve trust constituted as trustee of the reserve specified opposite thereto in Column 2 of the Schedule.

Tony Kelly, M.L.C., Minister Assisting the Minister for Natural Resources (Lands)

SCHEDULE

COLUMN 1

COLUMN 2

Wentworth War Memorial Reserve Trust.

Dedication No.: 630036. Public Purpose: War Memorial. Notified: 7 December 1945. File No.: WL90 R 10.

ERRATUM

IN the notification appearing in the *Government Gazette* of 22 November 1985, Folio 7194, under the heading Reserves from Sale for Public Recreation (being Reserve No. 97997), Portions 61 and 62 should not appear. (WL86 R 49).

GOULBURN OFFICE

159 Auburn Street (PO Box 748), Goulburn, NSW 2580 Phone: (02) 4828 6725 Fax: (02) 4828 6730

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 Assisting the Minister for Natural Resources (Lands)

COLUMN 2

DP No. 754115,

County King,

The whole being Lot 97,

Parish Grabben Gullen,

of an area of 19.22 hectares.

SCHEDULE

COLUMN 1

Land District: Crookwell.
Local Government Area:
Crookwell Shire Council.
Locality: Grabben Gullen.

Reserve No.: 81950. Public Purpose: Soil Conservation.

Notified: 11 September 1959. File No.: GB03 H 357.

Note: To revoke reserve to facilitate conversion of Perpetual

Lease 107617.

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 Assisting the Minister for Natural Resources (Lands)

SCHEDULE

COLUMN 1

Peter Charles SIMPSON (re-appointment), Deborah Lea NANSCHILD (re-appointment), Morris Newton OWEN (re-appointment).

COLUMN 2 COLUMN 3

Cookbundoon
Sports Fields
(R83605) Reserve
Trust.
Reserve No.: 83605.
Public Purpose: Public
recreation.
Notified: 1 December 1961.
File No.: GB80 R 74.

Term of Office

For a term commencing the date of this notice and expiring 11 March 2009.

GRAFTON OFFICE

76 Victoria Street (Locked Bag 10), Grafton, NSW 2460 Phone: (02) 6640 2000 Fax: (02) 6640 2035

APPOINTMENT OF CORPORATION TO MANAGE LITERARY INSTITUTE

IT is hereby notified for general information that all offices of trustees of the institution known as the North Dorrigo Hall, have been declared vacant, and that the undermentioned has been elected as Trustee at a meeting of members held in accordance with the provisions of section 14 of the Trustees of Schools of Arts Enabling Act 1902.

I, therefore, as Minister Assisting the Minister for Natural Resources (Lands), in pursuance of the power given me in the same section, hereby approve of the undermentioned to be trustee of the aforesaid institution, namely, North Dorrigo Hall Committee Incorporated.

TONY KELLY, M.L.C., Minister Assisting the Minister for Natural Resources (Lands)

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 Assisting the Minister for Natural Resources (Lands)

Description

Land District – Bellingen; Shire – Nambucca.

Road Closed: Lots 1, 2, 3, and 4, DP 1062461, at Taylors Arm, Parish Yarranbella, County Raleigh.

File No.: GF99 H 230.

Note: On closing, the land within Lots 1, 2, 3, and 4, remain vested in the State of New South Wales as Crown Land.

APPOINTMENT OF ADMINISTRATOR

PURSUANT to section 117 of the Crown Lands Act 1989, the person whose name is specified in Column 1 of the Schedule hereunder, is appointed as administrator of 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 Assisting the Minister for Natural Resources (Lands)

SCHEDULE

COLUMN 1 COLUMN 2 COLUMN 3

Robert FISH. Red Rock Reserve No. 64746 for public

Recreation Reserve recreation and resting place.
Trust. File No.: LANDS04/60.

Commencing on 5 March 2004

REMOVAL FROM OFFICE OF A MEMBER OF A TRUST BOARD

PURSUANT to Clause 6(4) of Schedule 3 to the Crown Lands Act 1989, the person whose name is specified in Schedule 1 hereunder, is removed on 4 March 2004, from the office of member of the trust board managing the affairs of the reserve trust specified in Schedule 2, which reserve trust is trustee of the reserve referred to in Schedule 3.

TONY KELLY, M.L.C., Minister Assisting the Minister for Natural Resources (Lands)

SCHEDULE 1

Allan Murray WOOD, Lyn LACEY, Gwyneth AUSTEN, Dennis BURKE, Robyn Eleanor SEARLE, Brian Dennis TAYLOR and the person for the time being holding the Office of President, Red Rock-Corindi SLSC (ex-officio member).

SCHEDULE 2

Red Rock Public Recreation Reserve Trust.

SCHEDULE 3

Reserve No.: 64746.

Public Purpose: Resting place and public recreation.

Notified: 14 September 1934.

File Nos: GF81 R 98 and LANDS04/60.

MOREE OFFICE

Department of Lands

Frome Street (PO Box 388), Moree, NSW 2400 Phone: (02) 6752 5055 Fax: (02) 6752 1707

COLUMN 1

McGrady

Whitton

Norman Joseph

(new member)

(new member)

Donna Marice Woods (new member)

Albert William Dennison

(new member)

Peter Weston

(new member)

(new member)

Thompson

Peter James

Corish

Bernadette Duncan

ESTABLISHMENT OF RESERVE TRUST

PURSUANT to section 92(1) of the Crown Lands Act 1989. the reserve trust specified in Column 1 of the Schedule hereunder is established under the name stated in that Column and is appointed as trustee of the reserve specified opposite thereto in Column 2 of the Schedule.

TONY KELLY, M.L.C.,

Minister Assisting the Minister for Natural Resources (Lands)

SCHEDULE

COLUMN 1

COLUMN 2

Boobera Lagoon (R1009930) Reserve Trust

Reserve No. 1009930 Public Purpose:

Environmental Protection Heritage Purposes Public Recreation Notified: This Day

File Reference: ME03R8

RESERVATION OF CROWN LAND

PURSUANT to section 87 of the Crown Lands Act 1989, the Crown land specified in Column 1 of the schedule hereunder is reserved as specified opposite thereto in Column 2 of the Schedule.

> TONY KELLY, M.L.C., Minister Assisting the Minister for Natural Resources (Lands)

SCHEDULE

COLUMN 1

COLUMN 2

Land District: Warialda Local Government Area: Reserve No. 1009930 Public Purpose:

Moree Plains Shire Council Locality: Boggabilla

Environmental Protection Heritage Purposes **Public Recreation**

Lot Sec. D.P. No. Parish County 7004 1030799 # Boobera Stapylton 65 821221 Boobera Stapylton

Area: 81.82ha

File Reference: ME03R8

Disclaimer: # Please note that the above Lot numbers

marked # are for Departmental use only.

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 Assisting the Minister for Natural Resources (Lands)

SCHEDULE

COLUMN 2 Boobera Lagoon

(R1009930) Reserve

(new member) Trust Iuliette Iannette

Reserve No. 1009930 Public Purpose: **Environmental Protection**

COLUMN 3

Heritage Purposes Public Recreation Notified: This Day File Reference: ME03R8

The person for the time being holding the office of Chairperson, Toomelah / Boggabilla Local Aboriginal Land Council (ex-officio member).

The person for the time being holding the office of Manager, North West, Crown Lands NSW, Department Of Lands (ex-officio member)

The person for the time being holding the office of Nominated Representative, Moree Plains Shire Council (ex-officio member).

The person for the time being holding the office of Nominated Representative. Northern Slopes Rural Lands Protection Board (ex-officio member)

For a term commencing the date of this notice and expiring 11 March 2009.

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 Assisting the Minister for Natural Resources (Lands)

SCHEDULE

COLUMN 1

COLUMN 2

Land District: Warialda Local Government Area: Moree Plains Shire Council

The whole being

Lot Sec. D.P. No. Parish County 1030799 Boobera Stapylton 7004 Locality: Boobera 65 821221 Boobera Stapylton of an area of 81.82ha

Reserve No. 160014

Public Purpose:

Conservation of Aboriginal Cultural Heritage Public Recreation

Notified: 10 April 1987 File Reference: ME87A4/4

Notes: Upon Revocation the lands will be re-reserved for Heritage Purposes, Environmental Protection and

Public Recreation.

DISSOLUTION OF RESERVE TRUST

PURSUANT to section 92(3) of the Crown Lands Act 1989, the reserve trust specified in Column 1 of the Schedule hereunder, which was established in respect of the reserve specified opposite thereto in Column 2 of the Schedule, is dissolved.

TONY KELLY, M.L.C.,

Minister Assisting the Minister for Natural Resources (Lands)

SCHEDULE

COLUMN 1

Boobera Lagoon (R160014) Reserve Trust

COLUMN 2

Reserve No. 160014 Public Purpose: Conservation of Aboriginal Cultural Heritage

Public Recreation Notified: 10 April 1987 File Reference: ME87A4/4

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 Assisting the Minister for Natural Resources (Lands)

SCHEDULE

COLUMN 1 Alfred Robert

(new member).

HAYTER

COLUMN 2

Bathurst Showground Trust.

COLUMN 3 Dedication No.: 590074. Public Purpose: Showground. Notified: 19 October 1877.

File No.: OE80 R 245/6.

Term of Office

For a term commencing this day and expiring 20 July

DRAFT ASSESSMENT OF LAND AT PEEL UNDER PART 3 OF THE CROWN LANDS ACT 1989 AND **CROWN LANDS REGULATIONS 2000**

A Draft Land Assessment has been prepared for Crown Land situated at Peel, being land described hereunder.

Inspection of this Draft Assessment can be made at the Orange Office of Crown Lands, Department of Lands, Cnr Kite and Anson Streets, Orange 2800, PO Box 2146, Evans Shire and Bathurst City Council Chambers, during normal business hours.

Representations are invited from the public on the Draft Assessment. These may be made in writing for a period of 28 days commencing from 12 March 2004, and should be addressed to Louise Harcombe, Orange, at the above address.

> TONY KELLY, M.L.C., Minister assisting the Minister for Natural Resources (Lands)

Description

Parish-Peel; County-Roxburgh;Land District – Bathurst; Shire – Evans.

22.72 hectares of reserved Crown Land adjoining the Peel Flora and Fauna Reserve, 16 kilometres north of the City of Bathurst. The Peel Flora and Fauna Reserve Trust have requested the land be added to the existing flora and fauna reserve.

File No.: OE87 H 307/2.

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 TRUST BOARD MEMBERS

PURSUANT to section 93 of the Crown Lands Act 1989, the person whose name is specified in Column 1 of the Schedules hereunder is appointed, for the term of office specified thereunder, as a member 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 Schedules.

> TONY KELLY, M.L.C., Minister Assisting the Minister for Natural Resources (Lands)

> > **COLUMN 3**

COLUMN 3

SCHEDULE 1

COLUMN 1 CARAVELLO.

Nadia

COLUMN 2

Northern Suburbs

Cemetery and Crematorium (R100265) Trust.

Reserve No. 100265, for the public purpose of cemetery and crematorium, notified in the Government Gazettes of 23 August 1996 and 8 November 1996 (Addn). File No.: MN84 R 92.

Term of Office

For a period expiring on 18 July 2004.

SCHEDULE 2

COLUMN 1 Margaret Joan

BROADFOOT.

COLUMN 2

Gore Hill Memorial Cemetery Trust.

Area at Gore Hill dedicated for the public purpose of historic cemetery pursuant to the provisions of the Gore Hill Memorial Cemetery Act 1986. Dedication No.: D500620. Torrens Title Identifiers: 101/791327 and 102/791327. File No.: MN87 R 10.

Term of Office

For a period expiring on 30 June 2007.

NOTIFICATION OF CLOSING OF ROADS

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

> TONY KELLY, M.L.C., Minister Assisting the Minister for Natural Resources (Lands)

> > Descriptions

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

Lot 1, DP 1064312 at Cabramatta West, Parish St Luke (Sheet 8), County Cumberland.

File No.: MN03 H 77.

Note: On closing, title for the land in Lot 1 remains vested in Fairfield City Council as operational land.

Land District – Penrith; L.G.A. – Penrith.

Lot 1, DP 1064526 at Penrith, Parish Mulgoa, County Cumberland.

File No.: MN00 H 279.

Note: On closing, title for the land in Lot 1 remains vested in Penrith City Council as operational land.

Land District – Picton; L.G.A. – Wollondilly.

Lot 10, DP 1053423 at Oakdale, Parish Burragorang, County Camden.

File No.: MN01 H 214.

Note: On closing, title for the land in Lot 10 remains vested in Wollondilly Shire Council as operational land.

ERRATUM

IN the notice appearing in the Government Gazette of 20 February 2004, under the headings "Roads Act 1993" and "Transfer of a Crown Road to Council" the File No. should read MN81H1194.

> TONY KELLY, M.L.C., Minister Assisting the Minister for Natural Resources (Lands)

APPOINTMENT OF CORPORATION TO MANAGE RESERVE TRUST

PURSUANT to section 95 of the Crown Lands Act 1989, the corporation specified in Column 1 of the Schedule hereunder, is appointed to manage the affairs of the reserve trust specified opposite thereto in Column 2, which is trustee of the reserve referred to in Column 3 of the Schedule.

> TONY KELLY, M.L.C., Minister Assisting the Minister for Natural Resources (Lands)

SCHEDULE

COLUMN 1

Planet Ark Environmental Foundation Limited.

COLUMN 2

Darwin Avenue (R100266) Reserve Trust.

COLUMN 3

Reserve 100266 for the public purpose of public recreation and environmental protection, notified in the Government Gazette of 25 October 1996. File No.: MN95 R 86.

TAREE OFFICE

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

ROADS ACT 1993

Notification of Acquisition of Land for the Purpose of Road and the Closing of Roads

IN pursuance of the provisions of the Roads Act 1993, the lands hereunder described are acquired for road and dedicated as a public road, such road is hereby declared to be a Crown road, and the roads specified hereunder are hereby closed.

TONY KELLY, M.L.C., Minister Assisting the Minister for Natural Resources (Lands)

Description

Parish – Lorne; County – Macquarie; Land District – Taree; Local Government Area – Greater Taree.

Opening of a road at Lorne.

Land acquired and dedicated for a public road (Crown road): Lot 1, DP 1053413 (subject to easement for transmission line created by Deposited Plan 602242).

Title and Area Affected: Folio Identifier 293/754432.

Roads Closed: Lot 2, DP 1053413.

File No.: TE01 H 219.

Note: On closing the land within Lot 2, DP 1053413 will remain land vested in the Crown as Crown Land and will be given in compensation for the land acquired for road.

WAGGA WAGGA REGIONAL OFFICE

Corner Johnston and Tarcutta Streets (PO Box 60), Wagga Wagga, NSW 2650 Phone: (02) 6937 2709 Fax: (02) 6921 1851

PROPOSED ADDITION TO CROWN LAND DEDICATED FOR A PUBLIC PURPOSE

IT is intended, following the laying before both Houses of Parliament in the State of New South Wales of an abstract of the proposed addition in accordance with section 82 of the Crown Lands Act 1989, to add the Crown land specified in Column 1 of the Schedule hereunder to the dedicated Crown land specified opposite thereto in Column 2 of the Schedule.

> TONY KELLY, M.L.C., Minister Assisting the Minister for Natural Resources (Lands)

> > COLUMN 2

Public Purpose:

Dedication No. 620083

Public Recreation

New Area: 25.25ha

Notified: 12 February 1889

D.P. No. Parish County

7042 753326 # Albury Goulburn

SCHEDULE

COLUMN 1

Land District: Albury Local Government Area: Albury City Council Locality: Albury

Lot D.P. No. Parish County 1005404 Albury Goulburn 1005404 Albury Goulburn 1005404 Albury Goulburn

Area: 3228m2

File Reference: WA80R22

Disclaimer: # Please note that the above Lot numbers marked # are for Departmental use only.

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 Assisting the Minister for Natural Resources (Lands)

SCHEDULE

COLUMN 2

Ground Trust

Ganmain Sports

COLUMN 1 Zane Roger Fraser (new member) Jason Lewis Linsell (new member) Barrie Kenneth Logan

(re-appointment) Guy Anthony Purcell (re-appointment) Kathryn Ann Carroll (re-appointment)

COLUMN 3 Reserve No. 84635 Public Purpose: Public Recreation Notified: 15 November 1963 File Reference: WA80R76

For a term commencing the date of this notice and expiring 28 February 2009.

SCHEDULE

COLUMN 1 COLUMN 2 Robert Frank Gadd Tumbarumba (new member) Racecourse Trust Bryce Gregory Shore (re-appointment) Edward John Lauder (re-appointment) Phillip Joseph McAuliffe (re-appointment) Rodney Kenneth Pattinson (re-appointment) Robert Lloyd Heinecke

(re-appointment)

COLUMN 3 Reserve No. 63877 Public Purpose: Public Recreation Racecourse Notified: 13 April 1933 File Reference: WA79R55

For a term commencing the date of this notice and expiring 28 February 2009.

Department of Mineral Resources

NOTICE is given that the following application has been received:

MINING LEASE APPLICATION

(C04-0176)

No. 240, NEWPAC PTY LTD (ACN 106 177 708), area of about 3.6 hectares, to mine for coal, dated 3 March, 2004. (Singleton Mining Division).

KERRY HICKEY, M.P., Minister for Mineral Resources

NOTICE is given that the following applications have been granted:

EXPLORATION LICENCE APPLICATIONS

(T03-0870)

No. 2189, now Exploration Licence No. 6199, MATILDA RESOURCES PTY LTD (ACN 106 708 838), County of Tongowoko, Map Sheet (7238, 7239, 7338, 7339), area of 90 units, for Group 1, dated 1 March, 2004, for a term until 28 February, 2006.

(T03-0871)

No. 2190, now Exploration Licence No. 6198, MATILDA RESOURCES PTY LTD (ACN 106 708 838), Counties of Evelyn, Poole and Tongowoko, Map Sheet (7238), area of 100 units, for Group 1, dated 1 March, 2004, for a term until 28 February, 2006.

(T03-0875)

No. 2194, now Exploration Licence No. 6200, MATILDA RESOURCES PTY LTD (ACN 106 708 838), Counties of Evelyn and Tongowoko, Map Sheet (7238, 7338), area of 33 units, for Group 1, dated 1 March, 2004, for a term until 28 February, 2006.

(T03-0876)

No. 2195, now Exploration Licence No. 6201, MATILDA RESOURCES PTY LTD (ACN 106 708 838), Counties of Poole and Tongowoko, Map Sheet (7238, 7239), area of 23 units, for Group 1, dated 1 March, 2004, for a term until 28 February, 2006.

(T03-0964)

No. 2222, now Exploration Licence No. 6197, TRIAKO RESOURCES LIMITED (ACN 008 498 119), County of Kennedy, Map Sheet (8333), area of 72 units, for Group 1, dated 24 February, 2004, for a term until 23 February, 2006.

(T03-0975)

No. 2233, now Exploration Licence No. 6202, COLIN LAURENCE PLUMRIDGE and JOY ELIZABETH PLUMRIDGE, County of Cowper, Map Sheet (8236), area of 5 units, for Group 1, dated 2 March, 2004, for a term until 1 March, 2006.

KERRY HICKEY, M.P., Minister for Mineral Resources NOTICE is given that the following application has been refused:

EXPLORATION LICENCE APPLICATION

(T04-0011)

No. 2275, G S BYRNES & SONS, County of Wentworth, Map Sheet (7330). Refusal took effect on 27 February, 2004.

KERRY HICKEY, M.P., Minister for Mineral Resources

NOTICE is given that the following application has been withdrawn:

EXPLORATION LICENCE APPLICATION

(T02-0787)

No. 2041, MIDCOAST LIME CO PTY LTD (ACN 100 986 178), County of Dudley, Map Sheet (9435). Withdrawal took effect on 5 March, 2004.

KERRY HICKEY, M.P., Minister for Mineral Resources

NOTICE is given that the following applications for renewal have been received:

(T93-0767)

Exploration Licence No. 4656, PLATSEARCH NL (ACN 003 254 395), area of 38 units. Application for renewal received 1 March, 2004.

(T93-0814)

Exploration Licence No. 4657, PLATSEARCH NL (ACN 003 254 395), area of 93 units. Application for renewal received 1 March, 2004.

(T00-0018)

Exploration Licence No. 5721, GOLDEN CROSS OPERATIONS Pty. Ltd. (ACN 050 212 827), area of 100 units. Application for renewal received 5 March, 2004.

(T01-0193)

Exploration Licence No. 5929, AURIONGOLD EXPLORATION PTY LIMITED (ACN 067 813 932), area of 92 units. Application for renewal received 5 March, 2004.

KERRY HICKEY, M.P., Minister for Mineral Resources

RENEWAL OF CERTAIN AUTHORITIES

NOTICE is given that the following authorities have been renewed:

(T91-0383)

Mining Purposes Lease No. 98 (Act 1973), GARY DOUGLAS STONE, Parish of Wallangulla, County of Finch, Map Sheet (8439-2-S), area of about 1.69 hectares, for a further term until 21 June 2008. Renewal takes effect from the date of this notice.

(C04-0069)

Exploration Licence No. 5599, HENRY WALKER ELTIN GROUP LIMITED (ACN 007 710 483), County of Durham, Map Sheet (9132), area of 1204 hectares, for a further term until 25 July, 2005. Renewal effective on and from 2 March, 2004.

KERRY HICKEY, M.P., Minister for Mineral Resources

REFUSAL OF APPLICATION FOR RENEWAL

NOTICE is given that the application for renewal in respect of the following authority has been refused:

(T01-0299)

Mining Purposes Lease No. 284 (Act 1973), JEFFREY MICHAEL DOOLEY, Parish of Mebea, County of Finch, Map Sheet (8439-2-S), area of 2.898 hectares. The authority ceased to have effect on 1 March, 2004.

KERRY HICKEY, M.P., Minister for Mineral Resources

CANCELLATION OF A MINING LEASE FOR FAILURE TO COMPLY WITH CONDITIONS OF THE LEASE OR MINING ACT

NOTICE is given that the following lease has been cancelled:

(T81-0937)

Mining Purposes Lease No. 1397 (Act 1906), FORT BOURKE GYPSUM PTY LIMITED (ACN 058 670 983), Parish of Paka, County of Gunderbooka; and Parish of Paka, County of Gunderbooka, Map Sheet (8037-4-N, 8037-4-N), area of 44.52 hectares. Cancellation took effect on 27 February, 2004.

KERRY HICKEY, M.P., Minister for Mineral Resources

EXPIRIES

Mineral Claim No. 234 (Act 1992), DENIS GEORGE HORWOOD, Parish of Swanbrook, County of Gough. This title expired on 1 March, 2004.

Mineral Claim No. 235 (Act 1992), SHIRLEY EILEEN HORWOOD, Parish of Swanbrook, County of Gough. This title expired on 1 March, 2004.

KERRY HICKEY, M.P., Minister for Mineral Resources

Roads and Traffic Authority

ROADS ACT 1993

Notice of Dedication of Land as Public Road at Nevertire in the Warren 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 Warren Shire Council area, Parish of Garule and County of Oxley, shown as Lots 1 and 2 Deposited Plan 229153.

(RTA Papers: 7/478.111)

ROADS ACT 1993

Notice of Dedication of Land as Public Road at North Bourke in the Bourke 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 Bourke Shire Council area, Parishes of East Bourke and North Bourke, Counties of Cowper and Gunderbooka, shown as:

Lots 5 to 9 inclusive, 18 and 19 Deposited Plan 215731; and

Lots 3, 5 and 6 Deposited Plan 701775.

(RTA Papers: 7/109.13)

ROADS ACT 1993

Order - Section 31

Fixing or Varying of Levels of part of the Castlereagh Highway north of Gulgong in the Mudgee Shire Council area

The Roads and Traffic Authority of New South Wales, by this Order under Section 31 of the Roads Act 1993, fixes or varies the levels of part of State Highway No 18 – Castlereagh Highway between 29.060 km to 31.160 km north of Gulgong, as shown on Roads and Traffic Authority Plan No 0018.295.RC.0727.

PJ Dearden
Project Services Manager
Roads and Traffic Authority of New South Wales
51-55 Currajong Street
Parkes NSW 2870

(RTA Papers FPP 4M1205; RO 18/295.1253;1)

ROADS ACT 1993

Notice under Clause 17 of the Roads Transport (Mass, Loading and Access) Regulation, 1996

Penrith City Council, in pursuance of Division 2 of Part 3 of the Road Transport (Mass, Loading, Access) Regulation 1996, by this Notice, specify the routes and areas on or in which B-Doubles may be used subject to any requirements or conditions set out in the Schedule.

Rosemarie Barretto

Senior Traffic Engineer

27 February 2003

Penrith City Council

(by delegation from the Minister for Roads)

Schedule

1. Citation

This Notice may be cited as the Penrith City Council B-Double Notice No 1/2004.

2. Commencement

This Notice takes effect from the date of gazettal.

3. Effect

This Notice remains in force until 1 July 2005 unless it is amended or repealed earlier.

4. Application

4.1 This Notice applies to B-Doubles which comply with Schedule 1 of the Road Transport (Mass, Loading and Access) regulation 1996 and Schedule 4 of the Road Transport (Vehicle Registration) Regulation 1998.

5. Routes

B-Double routes within the Penrith City Council area.

	2 2 0 th 2 1 0 th 0 2 1 th 1					
Type	Road	Starting	Finishing	Condition		
		point	point			
25	Kite St,	Russell St		Access from Great Western Hwy,		
	Emu Plains			Old Bathurst Rd, Russell St, Kite St.		
				Exit via the same route.		

Roads Act 1993

Notice under Clause 17 of the Road Transport (Mass, Loading and Access) Regulation, 1996

Jerilderie Shire Council, in pursuance of Division 2 of Part 3 of *the Road Transport* (Mass, Loading and Access) Regulation 1996, by this Notice, specify the routes and areas on or in which B-Doubles may be used subject to any requirements or conditions set out in the Schedule.

CHARLES GENTNER

General Manager Jerilderie Shire Council (by delegation from the Minister for Roads)

Schedule

1. Citation

This Notice may be cited as the Jerilderie Shire Council B-Doubles Notice No. 2/2004.

2. Commencement

This Notice takes effect from the date of gazettal.

3. Effect

This Notice remains in force until 20 September 2007 unless it is amended or repealed earlier.

4. Application

This Notice applies to B-Doubles which comply with Schedule 1 to the Road Transport (Mass, Loading and Access) regulation 1996 and Schedule 4 to the Road Transport (Vehicle Registration) Regulation 1998.

5. Routes

B-Double routes within the Jerilderie Shire Council.

Type	Road No	Road Name	Starting Point	Finishing Point	Conditions
25	000	McPhersons	Newell	4.30km to	Travel
		Lane	Highway	"Kaloola"	permitted only
			(SH17)	property	from 1
					November to
					30 May
					•

ROADS ACT 1993

Notice under Clause 17 of the Roads Transport (Mass, Loading and Access) Regulation, 1996

Blacktown City Council, in pursuance of Division 2 of Part 3 of the Road Transport (Mass, Loading, Access) Regulation 1996, by this Notice, specify the routes and areas on or in which B-Doubles may be used subject to any requirements or conditions set out in the Schedule.

Ian Reynolds

General Manager

2 March 2004

Blacktown City Council

(by delegation from the Minister for Roads)

Schedule

1. Citation

This Notice may be cited as the Blacktown City Council B-Double Notice No 1/2004.

2. Commencement

This Notice takes effect from the date of gazettal.

3. Effect

This Notice remains in force until 1 July 2005 unless it is amended or repealed earlier.

4. Application

4.1 This Notice applies to B-Doubles which comply with Schedule 1 of the Road Transport (Mass, Loading and Access) regulation 1996 and Schedule 4 of the Road Transport (Vehicle Registration) Regulation 1998.

5. Routes

19m B-Double routes where the Gross Mass exceeds 50 tonnes within the Blacktown City Council

Type	Road	Starting point	Finishing point
19	Kurrajong Av,	Carlisle Ave	Belmore Av
	Mount Druitt		
19	Belmore Av	Kurrajong Avenue	North Pde
19	North Pde	Belmore Avenue	Woolworths Petrol Plus,
			Market Town

ROADS ACT 1993

Notice under Clause 17 of the Roads Transport (Mass, Loading and Access) Regulation, 1996

Blacktown City Council, in pursuance of Division 2 of Part 3 of the Road Transport (Mass, Loading, Access) Regulation 1996, by this Notice, specify the routes and areas on or in which B-Doubles may be used subject to any requirements or conditions set out in the Schedule.

Ian Reynolds

General Manager

2 March 2004

Blacktown City Council

(by delegation from the Minister for Roads)

Schedule

1. Citation

This Notice may be cited as the Blacktown City Council B-Double Notice No 2/2004.

2. Commencement

This Notice takes effect from the date of gazettal.

3. Effect

This Notice remains in force until 1 July 2005 unless it is amended or repealed earlier.

4. Application

4.1 This Notice applies to B-Doubles which comply with Schedule 1 of the Road Transport (Mass, Loading and Access) regulation 1996 and Schedule 4 of the Road Transport (Vehicle Registration) Regulation 1998.

5. Routes

19m B-Double routes where the Gross Mass exceeds 50 tonnes within the Blacktown City Council

Type	Road	Starting point	Finishing point
19	Flushcombe Rd,	Bungarribee Road	Great Western Hwy
	Blacktown		

Roads Act 1993

Notice under Clause 17 of the Road Transport (Mass, Loading and Access) Regulation, 1996

Deniliquin Shire Council, in pursuance of Division 2 of Part 3 of the Road Transport (Mass, Loading and Access) Regulation 1996, by this Notice, specify the routes and areas on or in which B-Doubles may be used subject to any requirements or conditions set out in the Schedule.

GRAEME HALEY
General Manager
Deniliquin Shire Council
(by delegation from the Minister for Roads)

Schedule

1. Citation

This Notice may be cited as the Deniliquin Shire Council B-Doubles Notice No 1, 2004.

2. Commencement

This Notice takes effect from the date of gazettal.

3. Effect

This Notice remains in force until 31 December 2009 unless it is amended or repealed earlier

4. Application

This Notice applies to B-Doubles which comply with Schedule 1 to the Road Transport (Mass, Loading and Access) regulation 1996 and Schedule 4 to the Road Transport (Vehicle Registration) Regulation 1998.

5. Routes

B-Double routes within the Deniliquin Shire Council.

Type	Road No	Road Name	Starting Point	Finishing Point	Conditions
25	000	Abattoir Rd,	Saleyards Rd	At the livestock	
		Deniliquin		receiving corner	
				at the western	
			end of the		
				Deniliquin	
				Abattoir.	
				(approx 260 m)	
25	000	Wirraway Drive,	Saleyards Rd	Mulwala Canal	
		Deniliquin		(approx 280 m)	

Other Notices

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 Music Industry.

CITATION

The order is cited as the Music Industry Order.

ORDER

A summary of the Order is given below.

(a) Term of Training

(i) Full-time

The nominal term of training shall be given for a nominal term of 12 months for Certificate II and 24 months for Certificate III 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		Nor	ninal Te	erm Req	uired (N	Months)	
15	15	30	45	Not	Allowa	ıble	
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		ot	22	28	35	42	56
32	Allov	vable	20	26	33	39	52

(b) Competency Outcomes

Trainees will be trained in and achieve competence in the endorsed National Music Industry Competency Standards.

(c) Courses of Study to be undertaken

Trainees will undertake the following courses of study:

Certificate II in Music Industry (Foundation) CUS20101

Certificate III in Music Industry (Technical Production) CUS30201

Certificate III in Music Industry (Business) CUS30301

AVAILABILITY FOR INSPECTION

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

APPRENTICESHIP AND TRAINEESHIP ACT 2001

ORDER

I, Pam Christie, Commissioner for Vocational Training, in pursuance of section 5 of the *Apprenticeship and Traineeship Act 2001*, make the Order set forth hereunder.

PAM CHRISTIE, Commissioner for Vocational Training

Commencement

 This Order takes effect from the date of publication in the NSW Government Gazette.

Amendment

- 2. The Apprenticeship and Traineeship Orders are amended by:
 - (a) omitting from Schedule 2 the following recognised traineeship vocation:

Music Business

(b) inserting in Schedule 2 in appropriate alphabetical order the following vocation which is designated as a recognised traineeship vocation for the purpose of the Apprenticeship and Traineeship Act 2001:

Music Industry

CHILDREN (PROTECTION AND PARENTAL RESPONSIBILITY) ACT 1997

Safer Community Compact

Order

I, the Honourable Bob Debus Attorney General of the State of New South Wales, in pursuance of section 39 (1) of the *Children (Protection and Parental Responsibility) Act 1997*, do, by this my Order, approve the *Tweed Coolangatta Community Safety Action Plan* as a Safer Community Compact for the purposes of Division 3 of Part 4 of that Act.

This Order takes effect on 15 March 2004 and remains in force until 14 March 2007.

Signed at Sydney, this 4th day of March 2004.

BOB DEBUS, Attorney General

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.

NAME OF CO-OPERATIVE

MARITIME RESEARCH & DEVELOPMENT CO-OPERATIVE LIMITED

Dated this fourth day of March 2004.

C. GOWLAND, Delegate of the Registrar of Co-Operatives

FAIR TRADING ACT 1987

Prohibition Order Section 31(1)

I REBA MEAGHER, Minister for Fair Trading, pursuant to section 31(1)(a) of the Fair Trading Act 1987 and after considering a report and the recommendations of the Products Safety Committee:

- 1. revoke the Order published in the NSW Government Gazette No. 167 of 30 October 1987 at page 6047, conditionally prohibiting the supply of goods being frames intended to support infants in baths;
- 2. prohibit the supply of the goods specified in Schedule 1 unless they comply with the conditions specified in Schedule 2; and
- 3. declare that this Order commences on 1 August 2004.

Dated this 8th day of March 2004.

REBA MEAGHER, M.P., Minister for Fair Trading

SCHEDULE

Goods designed to support babies while they are being bathed.

GEOGRAPHICAL NAMES ACT 1966

Notice of discontinuance of a Geographical Name

PURSUANT to the provisions of Section 14 of the Geographical Names Act 1966, the Geographical Names Board hereby notifies that it has this day discontinued the name "Courallie High School" which was assigned with the designation of School, on the 16 October 1981.

WARWICK WATKINS, Chairperson

Geographical Names Board PO Box 143, Bathurst NSW 2795

GEOGRAPHICAL NAMES ACT 1966

Notice of discontinuance of a Geographical Name

PURSUANT to the provisions of Section 14 of the Geographical Names Act 1966, the Geographical Names Board hereby notifies that it has this day discontinued the name "Moree High School" which was assigned with the designation of School, Folio 962 on the 9 May 1980.

WARWICK WATKINS Chairperson

Geographical Names Board PO Box 143, Bathurst NSW 2795

HUNTER WATER CORPORATION HUNTER WATER ACT 1991

Land Acquisition (Just Terms Compensation) Act 1991

Notice of compulsory acquisition of land and easements at Karuah

HUNTER WATER CORPORATION declares, with the approval of Her Excellency the Governor and the Executive Council that the Land and Easements described in the Schedule below are acquired by compulsory process in accordance with the provisions of the Land Acquisition (Just Terms Compensation) Act 1991, for sewerage purposes under the Hunter Water Act 1991.

Dated at Sydney this 11th day of February 2004.

DAVID EVANS, Managing Director Hunter Water Corporation

SCHEDULE

Land

Lot 3 DP 1054893.

Interest in Land

Easement rights being a Easement for Services pursuant to Section 88B of the Conveyancing Act 1919 over the site shown as:

"(I) PROPOSED EASEMENT FOR SERVICES 3 WIDE" In Deposited Plan 1054893 within Reserve No 96 for Access in the Parish of Tarean County of Gloucester. Notified in Government Gazette of 6 December 1880 and Addition in Government Gazette of 15 April 1983.

Easement rights being a Right of Carriageway pursuant to Section 88B of the Conveyancing Act 1919 over the site shown as:

"(K) PROPOSED RIGHT OF CARRIAGEWAY 4 WIDE & VARIABLE" In Deposited Plan 1054893 within Reserve No 96 for Access Notified in Government Gazette of 6 December 1880 and Addition in Government Gazette of 15 April 1983 and Reserve No 85047 for Public Recreation in Government Gazette of 16 October 1964 in the Parish of Tarean County of Gloucester and within Lots 196 to 200 inclusive in Deposited Plan 45608.

Easement rights as described under the heading Easement for Sewermain in Memorandum O352656 filed in the Land and Property Information NSW over the site shown as:

"(L) PROPOSED EASEMENT FOR SEWERMAIN 4 WIDE & VARIABLE" In Deposited Plan 1054893 within Reserve No 96 for Access Notified in Government Gazette of 6 December 1880 and Addition in Government Gazette of 15 April 1983 and Reserve No 85047 for Public Recreation Notified in Government Gazette of 16 October 1964 in the Parish of Tarean County of Gloucester and within Lots 196 to 200 inclusive in Deposited Plan 45608.

(C5/11257)

INCORPORATION OF PARENTS AND CITIZENS' ASSOCIATIONS

THE following associations are hereby incorporated under the Parents and Citizens' Associations Incorporation Act, 1976.

- 1. Coffs Harbour Public School
- 2. Ellangowan Public School
- 3. Evans River Community School
- 4. Hanwood Public School
- 5. Jerrabomberra Public School
- 6. Killara High School
- 7. Marton Public School
- 8. Meadowbank Public School
- 9. North Nowra Public School
- 10. Raleigh Public School
- 11. Urunga Public School
- 12. Wagga Wagga Public School

The Hon ANDREW REFSHAUGE, M.P.,

Deputy Premier

Minister for Education and Training

Minister for Aboriginal Affairs

40 YEAR SERVICE MEDAL PRESENTATION 20 FEBRUARY 2004 RECIPIENT LIST

Mr Michael Sidney Alborough	State Emergency Service
Mr Geoffrey Allen	Dept of Community Services
Mr John Francis Andrews	Dept of Lands
Mr Dennis Bale	NSW Health
Mr Ronald Thomas James Benjamin	Dept of Lands
Mr Simon Biegal	Dept of Lands
Mr John Nicholson Buttrum	Dept of Education & Training
Mr Roderick Vernon Clark	State Forests
Mr Anthony Dale	NSW Agriculture
Mr Mario Deyjak	Judicial Commission
Mr Jon Leslie Drummond	Dept of Gaming & Racing
Mr Peter Exton	Dept of Commerce
Mr James Graham	NSW Agriculture
Mr Kenneth Harradine	TAFE NSW

Mr Brian David Higginson Dept of Lands Mr Roderic Hoare **NSW** Agriculture Mr Sam Kalagurgevic The Audit Office Dr Laurence George Lewin **NSW** Agriculture Mr Desmond Little Dept of Juvenile Justice Ms Noeleen Lott NSW Health The Audit Office Mr Eric Lumley Mr Milton Stuart Millard TAFE NSW Mr John Edward Miller Dept of Lands Mr Colin Morgan Dept of Housing Mr Gary Mulheron NSW Health Mr David Brian O'Connor Dept of Fair Trading Mr Thomas Joseph O'Connor State Library of NSW Mr Phillip Norman Paton Dept of Juvenile Justice Mr John Graham Reynolds State Forests Mr Robert Henry Ritchie Dept of Ageing, Disability & Home Care Murrumbidgee Shire Mr Robert Douglas Roach Council Mr Graeme Alexander Ross Dept of Education & Training Mr Anthony James Ryan Hunter Area Health Service Mr Gordon Robin Shepherd Dept of Lands Mr Barry Lionel Shields Dept of Housing Mr Ronald John Stinson Dept of Lands Mr William Thompson Dept of Community Services Mr Anthony John Van Den Dept of Housing Barselaar Mr Douglas Ronald Wheen State Forests Mr John Leslie Wilbers **NSW Police** Mr Ronald Victor Wilson State Forests Mr Kevin Wiltshire **NSW Police** Mr Sidney Martin Windschuttel NSW Health Mr John Maxwell Wright **NSW Police**

NSW SCIENTIFIC COMMITTEE

Notice of Preliminary Determinations

Proposed Additions to the Schedules

THE Scientific Committee, established by the Threatened Species Conservation Act, has made Preliminary Determinations to support proposals to list the following in the relevant Schedules of the Act.

Endangered Species (Part 1 of Schedule 1)

Asterolasia sp. 'Dungowan Creek' (Beckers s.n. 25 Oct. 1995), a shrub

Delicate Mouse *Pseudomys delicatulus* (Gould 1842) Zigzag Velvet Gecko *Oedura rhombifer* Gray 1845

Vulnerable Species (Schedule 2)

Crowned Gecko, Diplodactylus stenodactylus Boulenger 1896

Jewelled Gecko, *Diplodactylus elderi* Stirling and Zietz 1893

Peristeranthus hillii (F. Muell.) T. E. Hunt, an epiphytic orchid

Wedgesnout Ctenotus, *Ctenotus brooksi* (Loveridge 1933) Yellow-tailed Plain Slider, *Lerista xanthura* Storr 1976

> Notice of Preliminary Determinations Proposed Amendments to the Schedules

The Scientific Committee, established by the Threatened Species Conservation Act, has made a Preliminary Determination to support a proposal to list the Grey Grasswren, *Amytornis barbatus barbatus* Favaloro & McEvey, 1968 as an ENDANGERED SPECIES in Part 1 of Schedule 1 of the Act, and as a consequence, to omit reference to Grey Grasswren *Amytornis barbatus* Favaloro & McEvey, 1968 from Schedule 2 (Vulnerable species) of the Act.

The Scientific Committee, established by the Threatened Species Conservation Act, has made a Preliminary Determination to support a proposal to list Littoral Rainforest in the NSW North Coast, Sydney Basin and South East Corner Bioregions as an ENDANGERED ECOLOGICAL COMMUNITY in Part 3 of Schedule 1 of the Act, and as a consequence, to omit reference to the Sutherland Shire Littoral Rainforest from Part 3 of Schedule 1 (Endangered Ecological Community) of the Act.

Any person may make a written submission regarding these Preliminary Determinations, which should be forwarded to:

Scientific Committee
PO Box 1967
Hurstville NSW 2220
Attention: Suzanne Chate
Executive Officer

Submissions must be received by 23rd April, 2004.

NSW SCIENTIFIC COMMITTEE

Copies of these Determinations, which contain the reasons for the determinations, may be obtained free of charge:

On the Internet www.nationalparks.nsw.gov.au

By contacting the Scientific Committee Support Unit,

C/- Department of Environment and Conservation

PO Box 1967 Hurstville 2220.

Tel: (02) 9585 6940 or Fax (02) 9585 6606,

In person at The National Parks Centre 102 George St, The Rocks, Sydney

Copies of the determinations may also be obtained from National Parks and Wildlife Service Area Offices and Visitor Centres, subject to availability.

The National Parks and Wildlife Service is part of the Department of Environment and Conservation.

Associate Professor PAUL ADAM, Chairperson Scientific Committee

PESTICIDE ACT 1999

Pesticide control order under section 38

Name

1. This Order is to be known as Pesticide Control (1080 Fox Bait within Gosford City Council) Order 2004

Commencement

This Order commences on 5 March 2004

Authority

3. This Order is made by the Environment Protection Authority under Part 4 of the Pesticides Act 1999 with the approval of the Minister for the Environment.

Relationship to other Orders

4. This Order is to be read in conjunction with the Order known as the Pesticide Control (1080 Fox Bait) Order 2002, gazetted on 22 November 2002.

Objects

- 5. The objects of this Order are to
 - (a) authorise the use of Foxoff Fox Bait and Foxoff Econobait by persons who have been appropriately trained or are experienced in the handling or use of 1080 fox baits and are under the control of Gosford City Council or an Authorised Control Officer; and
 - (b) impose conditions on the use of Foxoff Fox Bait and Foxoff Econobait.

Background

6. A chemical product containing sodium mono-fluoroacetate (also known as 1080) has been prescribed by the AgVet Code regulation of the commonwealth to be a "restricted chemical product" under regulation 45 of the Agricultural and veterinary chemicals code regulations of the commonwealth.

Section 94 of the AgVet code provides that "A person must not, without reasonable excuse, supply a restricted chemical product, or cause of permit a restricted chemical product to be supplied to a person who is not authorised to sue the product under another law of this jurisdiction."

In NSW section 4 of the Pesticides Act provides that a "restricted pesticide" means a pesticide that is a restricted chemical product within the meaning of the Agvet Code.

Application

 This Order applies to Foxoff Fox Bait and Foxoff Econbait being used to control foxes in the following bushland reserves located in the Gosford City Council shire area: Katandra Reserve, Kincumber Mountain Reserve, Rumbulara Reserve and Kincumber Sewerage Treatment Works.

Definitions

8. In this Order -

Agvet Code means the provisions applying because of section 5 of the Agricultural and Veterinary Chemicals (New south Wales) Act 1994.

Authorised control officer means a person who: -

- (a) holds a current:
 - (i) certificate of completion issued by NSW Agriculture for the vertebrate pest management course consistent with the current edition of the Vertebrate Pest Control Manual (published by NSW Agriculture); or

- (ii) statement of attainment issued by a Registered Training Provider certifying competency at Australian Qualifications Framework level 4 with respect to the chemical, vertebrate pest and OH&S national units of competency; and
- (b) is employed by a Rural Lands Protection Board, NSW Agriculture, Wild Dog Destruction Board, Department of Environment and Conservation or other NSW Government Agency or Authority.

Foxoff Fox Bait means the registered pesticide (Product Registration Number 40573) that contains 3.0mg SODIUM FLUOROACETATE per bait as its only active constituent.

Foxoff Econbait means the registered pesticide (Product Registration Number 46434) that contains 3.0mg SODIUM FLUOROACETATE per bait as its only active constituent.

"the Act" means the Pesticides Act 1999

Persons authorised

- 9. The following persons are authorised to use Foxoff Fox Bait and Foxoff Econobait:
 - (a) persons who have been appropriately trained or are experienced in the handling or use of 1080 fox baits and are under the control of Gosford City Council;
 and
 - (b) Authorised Control Officers and persons directly supervised by Authorised Control Officers.

Conditions of use

10. A person must comply with Permit number 6179 when using a pesticide to which this order applies. Permit number 6179 is set out in the Schedule to this Order.

Notes

Words used in an Order have the same meaning as in the Pesticides Act 1999.

A person must not contravene this Order – maximum penalty \$120 000 in the case of a corporation and \$60 000 in the case of an individual.

A pesticide control order remains in force until it is revoked by another pesticide control order.

Any permit issued by the APVMA which is set out in this Order has effect in NSW until such time as this Order is revoked.

LISA CORBYN Director – General BOB DEBUS, M.P Minister for the Environment

Environment Protection Authority SCHEDULE GOSFORD CITY COUNCIL 49 MANN STREET GOSFORD NSW 2250

OFF-LABEL PERMIT (OLP)

FOR USE OF A REGISTERED AGVET CHEMICAL PRODUCT

PERMIT NUMBER - PER6179

This permit is issued by the National Registration Authority for Agricultural and Veterinary Chemicals (NRA) under the Agvet Code scheduled to the *Agricultural and Veterinary Chemicals Code Act 1994* to the permit holder stated above. The holder of the permit must comply with all requirements as specified in the Agvet Code. A summary of the key requirements are that the holder must:

- supply any requested information to the NRA;
- inform the NRA if they become aware of any relevant information concerning the uses dealt with by this permit;
- comply with a lawful direction or requirement of an inspector; and
- provide a copy of the permit to persons who wish to possess and/or use the product for the purpose specified in this permit.

This permit for the reason given below allows any person listed in 1. *Persons* to possess and use the products listed in 2. **Products** for the use specified in 3. *DIRECTIONS FOR USE* in the jurisdictions listed in 4. *States* according to *CONDITIONS OF PERMIT*.

Persons who wish to possess and use 1080 baits for the purposes specified in this permit must read, or have read to them the permit, particularly the information included in **CONDITIONS OF PERMIT**.

If this permit were not issued possession and use of these products, specified in **2**. *Products* would constitute an offence under the Agvet Codes.

The persons listed in **1.** *Persons* must comply with all conditions listed in *CONDITIONS OF PERMIT* to be covered by this permit.

THIS PERMIT IS IN FORCE FROM 19 JUNE 2003 TO 31 DECEMBER 2004.

It is in force until it expires or it is cancelled, suspended or surrendered.

Reason for issue of permit:

Particular bushland areas and reserves within Gosford City Council host a diverse range of native fauna that require special management to ensure long-term integrity. Foxes are a major threat to the on-going survival of many native species within those areas and the establishment of an effective fox control program has been identified as a high priority in the councils Draft Biodiversity Management Strategy. Certain areas identified for fox baiting in the strategy adjoin residential areas, and with current distance restrictions imposed on the placement of 1080 Foxoff baits in NSW several bushland areas and reserves cannot be baited.

This permit allows Foxoff 1080 baits to be used in sensitive bushland areas and lessens the distance restrictions from 500m baiting from habitation to 150m baiting from habitation in the areas specified in this permit. This reduction in the distance restriction will give public Land Managers of urban bushland the opportunity to help protect native wildlife from predation. This reduced distance restriction also creates an extra responsibility for public Land Managers of urban bushland to adequately publicise baiting activities, to liaise with the community, and to address any resulting community concerns. This reduced distance restriction also creates an extra responsibility for public Land Managers of urban bushland to monitor and report the impact of baiting activities.

DETAILS OF PERMIT

1. Persons

1080 IS A RESTRICTED CHEMICAL PRODUCT – ONLY TO BE SUPPLIED TO OR USED BY AN AUTHORISED PERSON.

This permit only allows those persons who are an AUTHORISED PERSON for the use of 1080 baits in NSW.

2. Products

(i) FOXOFF FOX BAIT

Containing 3.0mg SODIUM FLUOROACETATE per bait as its only active constituent.

(ii) FOXOFF ECONOBAIT

Containing 3.0mg SODIUM FLUOROACETATE per bait as its only active constituent.

3. DIRECTIONS FOR USE

To control FOXES, as specified in the CONDITIONS OF PERMIT, in specified BUSHLAND RESERVES located in the following areas:

GOSFORD CITY COUNCIL

- Katandra Reserve
- Kincumber Mountain Reserve
- Rumbulara Reserve
- Kincumber Sewerage Treatment Works

States

New South Wales ONLY.

CONDITIONS OF PERMIT

1. POSSESSION OF FOXOFF FOX BAITS

- 1.1 For the purpose of this permit, the products Foxoff Fox Bait and Foxoff Econobait will henceforth be referred to as "Foxoff 1080 baits" except where otherwise indicated.
- 1.2 This permit allows *Persons*, if they fully comply with *CONDITIONS OF PERMIT*, to undertake the following actions with Foxoff 1080 baits which contains 3 milligrams SODIUM FLUOROACETATE per bait as their only active constituent:
 - (i) have Foxoff 1080 baits in their possession for the purposes of use;
 - (ii) claim that Foxoff 1080 baits can be used for the purposes as outlined in 3. DIRECTIONS FOR USE.
- 1.3 FOXOFF 1080 baits must only be purchased from a Rural Lands Protection Board and must be used within 1 month of purchase or be returned to the issuing Rural Lands Protection Board within 1 month of purchase.
- 1.4 Persons as stated under *1. Persons* may only temporarily possess and store 1080 baits. 1080 baits must be stored in a lockable storage area away from children, animal food, foodstuffs, seed and fertiliser. Foxoff products can only be possessed and stored in accordance with condition 1.3.

2. DIRECTIONS FOR USE - GENERAL RESTRICTIONS

- 2.1 A person must not place Foxoff 1080 baits in a position accessible to children, livestock, or domestic animals or pets.
- 2.2 A person must not feed Foxoff 1080 baits to wild or domestic birds.
- 2.3 A person must not allow Foxoff 1080 baits to contaminate foodstuffs, or feed, for human or non-target

animal consumption.

2.4 Containers which have held Foxoff 1080 baits must not to be used for any other purpose and must be disposed of by deep burial.

Triple rinse or pressure rinse containers before disposal. Dispose of rinsate in a 1 metre deep disposal pit and cover with at least 500mm of soil. The disposal pit must be specifically marked and set up for this purpose and clear of waterways (permanent or ephemeral). Break crush or puncture and dispose of empty rinsed containers in a local authority landfill. If no landfill is available, dispose of containers in a 1 metre deep disposal pit and cover with at least 500mm of soil on the property where the Foxoff 1080 baits were used.

- 2.5 A person must not contaminate dams, rivers, streams, waterways or drains with Foxoff 1080 baits or used containers.
- 2.6 Foxoff Fox Bait and Foxoff Econobait must be kept and stored in the container supplied by the manufacturer and bearing the NRA approved label.
- 2.7 All unused Foxoff 1080 baits must be returned to the Rural Lands Protection Board in accordance with condition 1.3. At the end of a baiting program a person who has received Foxoff 1080 baits must ensure that all untaken baits at baiting locations are collected and removed. All untaken Foxoff 1080 baits must be disposed of, as soon as possible by burial in a 1 metre deep disposal pit. Buried Foxoff 1080 baits must be covered with at least 500mm of soil. The disposal pit must be clear of waterways (permanent or ephemeral). It is the responsibility of the person who has received Foxoff 1080 baits to ensure that unused Foxoff 1080 baits are returned and untaken Foxoff 1080 baits are properly disposed of.

3. DIRECTIONS FOR USE - DISTANCE RESTRICTIONS

- 3.1 Foxoff 1080 baits must not be laid where they can be washed into or contaminate surface or groundwaters. Foxoff 1080 baits must not be laid in areas where distance restrictions cannot be met. Other control methods may be used in those areas.
- 3.2 Boundaries and public thoroughfares (public roads and associated footpaths but not internal roads tracks or trails):

The minimum distance that Foxoff 1080 baits shall be laid from the boundary of a bushland reserve is 5 metres except for boundaries adjoining public thoroughfares.

The minimum distance that Foxoff 1080 baits shall be laid from the boundary of a bushland reserve which adjoins a public thoroughfare is 50 metres for untethered Foxoff 1080 baits, or 20 metres for tethered Foxoff 1080 baits.

The minimum distance that Foxoff 1080 baits shall be laid from any public thoroughfare traversing the bushland reserve is 50 metres for untethered Foxoff 1080 baits, or 20 metres for tethered Foxoff 1080 baits.

3.3 Internal roads, tracks and trails other than public thoroughfares traversing bushland reserves:

The minimum distance that Foxoff 1080 baits shall be laid from internal roads, tracks, trails is 2 metres except

for the section of internal road, track or trail between the boundary of the bushland reserve and a position 150 metres into the bushland reserve.

The minimum distance that Foxoff 1080 baits shall be laid from the section of internal road, track or trail between the boundary of the bushland reserve and a position 150 metres into the bushland reserve is 50 metres for untethered Foxoff 1080 baits, or 20 metres for tethered Foxoff 1080 baits.

3.4 Habitation (means the dwelling or other place where any person, other than of the owner/occupier carrying out the baiting, lives):

No Foxoff 1080 baits shall be laid within 150 metres of a habitation.

3.5 Domestic Water Supply (means the water line or small dams from which water is pumped or the draw-off point from such as wells, bores, etc.):

No Foxoff 1080 baits shall be laid within 10 metres of a domestic water supply.

4. PUBLIC NOTIFICATION

4.1 Public notification must include an advertisement in a prominent local area newspaper at least 5 days prior to the commencement of Foxoff 1080 baiting. Public notification may also include notification by telephone or personal contact, or, where this is not possible, by mail. Public notification must include appropriate details of the baiting program and the closure of bushland reserves to dogs.

5. 1080 POISONING NOTICES AND COMMUNITY NOTIFICATION

5.1 In every situation where Foxoff 1080 baits are laid in a bushland reserve specified under this permit, the person responsible for coordinating the use of Foxoff 1080 baits must ensure that 1080 poisoning notices are erected in that bushland reserve at least 5 days prior to the commencement of Foxoff 1080 baiting.

In every situation where Foxoff 1080 baits are laid in a bushland reserve specified under this permit, the person responsible for coordinating the use of Foxoff 1080 baits must ensure that notices banning dogs are erected in that bushland reserve at least 5 days prior to the commencement of Foxoff 1080 baiting.

These notices must remain up for at least a minimum of 4 weeks from the last day of baiting and, Notices must be placed:

- At every made entrance to the Bushland Reserve; and
- (ii) At the entrance to the baiting location; and
- (iii) At the extremities of and at 1 kilometre intervals along the boundaries where the bushland reserve adjoins a public thoroughfare; and
- (iv) At the extremities of and at 1 kilometre intervals along any public thoroughfare traversing the bushland reserve but not along internal roads, tracks or trails
- 5.2 The Notices, indicating the presence of Foxoff 1080 baits, must specify which animal species is being poisoned, and the date the Foxoff 1080 baits are first laid or the dates between which Foxoff 1080 baits will be

laid.

Any Notices banning dogs must clearly indicate that dogs must not be allowed to enter reserves closed to dogs during a baiting program.

5.3 All neighbours immediately adjoining the bushland reserve boundary, within 300 metres of the site where Foxoff 1080 baits will be laid, must be given a minimum of 5 days written notice prior to the commencement of the baiting program.

6. FOX CONTROL -DIRECTION FOR USE - BAIT NUMBERS AND DISTRIBUTION

- 6.1 A person who lays Foxoff 1080 baits must:
 - (i) Not use an excessive amount of 1080 baits. Baiting locations must be a minimum distance of 100 metres apart and no more than ten Foxoff 1080 baits can be placed per kilometre per day. The only variation permitted is mound baiting using multiple baits (maximum three (3) Foxoff 1080 baits per mound) provided the total number of Foxoff 1080 baits used does not exceed one (1) bait per hectare; and
 - (ii) Lay the Foxoff1080 baits in such a way that any untaken Foxoff 1080 baits can be readily found and destroyed in accordance with condition 2.7
 - (iii) Each bait site will be made up of a sand pad about one metre in diameter. Foxoff 1080 baits must be buried to a depth of 10 centimetres to reduce the access by non-target species.
 - (iv) Free feeding must be undertaken at all sites for a minimum of 3 days prior to the commencement of 1080 baiting to establish the presence or absence of foxes and to determine if other non-target animals are visiting the site. The decision to lay 1080 Foxoff baits is determined by the results of free feeding and condition 7.1(ii) if required for dogs.
 - (v) 1080 baiting must be discontinued during periods of heavy rainfall.

7. RISK TO DOMESTIC ANIMALS

- 7.1 The following preventative measures must be undertaken to reduce the risks of domestic dogs taking poisoned bait:
 - (i) Close Bushland Reserves to dogs during the baiting program.
 - (ii) If regular dog prints are recorded at bait stations during the free feeding period, further community notification and education should take place.
- 7.2 All untaken baits which are recovered must be destroyed by deep burial as per condition 2.7.

8. MONITORING OF NON-TARGET EFFECTS

8.1 Adverse effects including deaths of wildlife and animals, other than foxes, must be reported to the Pest Management Officer, Gosford, National Parks and Wildlife Service, Albany Street Gosford by telephone (02) 4320 4241.

9. RISK TO HUMANS

- 9.1 In addition to taking appropriate steps to inform the community of the baiting program, the following steps must be undertaken:
 - (i) All Foxoff 1080 baits will be buried in sand pads as per condition 6.1(ii).
 - (ii) Where possible, inaccessible places will be chosen as baiting locations to reduce the chances of children or adults finding the bait stations.

9.2 SAFETY DIRECTIONS:

VERY DANGEROUS. Poisonous if swallowed. When opening the container and using the baits, wear elbowlength PVC gloves or Nitrile gloves. If product gets on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and gloves.

9.3 FIRST AID:

If poisoning occurs, contact a doctor or Poisons Information Centre (phone: 13 11 26). Give large quantities of water and induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Remove from contaminated area. Apply artificial respiration if not breathing. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Issued by

Delegated Officer

(Footnotes)

* Note – the requirements set out in this permit continue until this Pesticide Control Order is revoked. Please disregard the expiration date stated above.

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
Mr GUYAN LOUIS HENRY
161 NAIRN RD
MORAYFIELD QLD 4506

Date of Granting of Licence
9 March 2004

RURAL FIRES ACT 1997

PURSUANT to Section 82 of the Rural Fires Act 1997 as amended, the Commissioner of the NSW Rural Fire Service, following consultation with the local stakeholders, declares the following Local Bush Fire Danger Period Variation:

Area of Variation: Far North Coast Zone Incorporating
Tweed Local Government Area
Ballina Local Government Area
Byron Local Government Area

The Local Bush Fire Danger period has been revoked for the period 6 March until 31 March 2004

During this period permits pursuant to Section 87 of the Rural Fires Act 1997 as amended, will not be required for the lighting of fire for the purposes of land clearance or fire breaks.

MARK CROSWELLER, AFSM,
Assistant Commissioner
Executive Director Operations & Regional
Management
Delegate

SPORTING INJURIES COMMITTEE

Sydney, 24th February, 2004
SPORTING INJURIES INSURANCE ACT, 1978
Order of Declaration under Section 5

IN pursuance of Section 5 of the Sporting Injuries Insurance Act, 1978, I declare be this order the

Gunnedah Cycling & Triathlon Club

to be a sporting organisation, for the purposes of the provisions of the Act, in respect of the activities of Cycling and Triathlon.

JON BLACKWELL, Chairperson

Date: 24th February, 2004

SPORTING INJURIES COMMITTEE

Sydney, 24th February, 2004 SPORTING INJURIES INSURANCE ACT, 1978 Order of Declaration under Section 5

IN pursuance of Section 5 of the Sporting Injuries Insurance Act, 1978, I declare be this order the

Spears Sports Club

to be a sporting organisation, for the purposes of the provisions of the Act, in respect of the activities of Soccer, Netball, Karate and Table Tennis.

JON BLACKWELL, Chairperson

Date: 24th February, 2004

SPORTING INJURIES COMMITTEE

Sydney, 24th February, 2004

SPORTING INJURIES INSURANCE ACT, 1978

Order of Declaration under Section 5

IN pursuance of Section 5 of the Sporting Injuries Insurance Act, 1978, I declare be this order the

Dubbo Netball Association Inc

to be a sporting organisation, for the purposes of the provisions of the Act, in respect of the activity of Netball.

JON BLACKWELL, Chairperson

Date: 24th February, 2004.

SPORTING INJURIES COMMITTEE

Sydney, 24th February, 2004

SPORTING INJURIES INSURANCE ACT, 1978

Order of Declaration under Section 5

IN pursuance of Section 5 of the Sporting Injuries Insurance Act, 1978, I declare be this order the

Hill Top Sports Committee

to be a sporting organisation, for the purposes of the provisions of the Act, in respect of the activities of Gymnastics.

JON BLACKWELL, Chairperson

Date: 24th February, 2004.

SPORTING INJURIES COMMITTEE

Sydney, 24th February, 2004

SPORTING INJURIES INSURANCE ACT, 1978

Order of Declaration under Section 5

IN pursuance of Section 5 of the Sporting Injuries Insurance Act, 1978, I declare be this order the

Wyong Amateur Water Polo Club Inc.

to be a sporting organisation, for the purposes of the provisions of the Act, in respect of the activity of Water Polo.

JON BLACKWELL, Chairperson

Date: 24th February, 2004

THREATENED SPECIES CONSERVATION ACT 1995

NSW Department of Environment and Conservation
Notice of Exhibition of draft recovery plans for
Daphnandra sp. C 'Illawarra'
(Illawarra Socketwood), Irenepharsus trypherus
(Illawarra Irene) and
Zieria granulata (Illawarra Zieria)

THE Department of Environment and Conservation hereby gives notice of the exhibition of the draft *Daphnandra* sp. C 'Illawarra' (Illawarra Socketwood) Recovery Plan, the draft *Irenepharsus trypherus* (Illawarra Irene) Recovery Plan, and the draft *Zieria granulata* (Illawarra Zieria) Recovery Plan. Public submissions are invited from 15 March 2004 to 26 April 2004. Exhibition details will be published during the week commencing Monday 15 March 2004 in the Sydney Morning Herald, the Illawarra Mercury, the Kiama Independent and the Wollongong Advertiser.

LOU EWINS,
A/Manager
Conservation Programs and Planning,
Metropolitan Region
Environment Protection and Regulation Division

WITNESS PROTECTION ACT 1995

Order

(Relating to recognition of a complementary law)

I, JOHN WALKINS, Minister for Police, in pursuance of section 37 of the NSW Witness Protection Act 1995, do by this order, declare the Northern Territory Witness Protection Act 2002 to be a complementary witness protection law for the purposes of the Witness Protection Act 1995.

Sydney 27 February 2004.

JOHN WATKINS, M.P., Minister for Police

WITNESS PROTECTION ACT 1995

Order

(Relating to recognition of an approved authority)

I, JOHN WALKINS, Minister for Police, in pursuance of section 37 of the Witness Protection Act 1995, do by this order, declare the Commissioner, Northern Territory Police, to be an approved authority for the purposes of the Witness Protection Act 1995.

Sydney 27 February 2004.

JOHN WATKINS, M.P., Minister for Police

PROTECTION OF THE ENVIRONMENT OPERATIONS ACT 1997

Notice of publication of

Approved Methods for the Sampling and Analysis of Water Pollutants in New South Wales

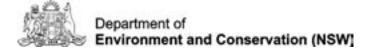
I Lisa Corbyn, Director General of the Department of Environment and Conservation, on behalf of that Authority and for the purposes of regulations made and instruments issued under the Protection of the Environment Operations Act 1997, publish the document entitled *Approved Methods for the Sampling and Analysis of Water Pollutants in New South Wales*. This document supersedes the document of the same title published in the New South Wales Government Gazette No. 178 on 24 December 1998.

This document may be reviewed periodically. Notification of any changes will appear in the *New South Wales Government Gazette*.

LISA CORBYN
Director-General
Department of Environment and Conservation

Dated: 10 March 2004

Approved Methods for the Sampling and Analysis of Water Pollutants in New South Wales





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 prepared by Environment Protection Authority and is published by DEC on behalf of the EPA.

For technical information on the matters discussed in this document, contact the Department of Environment and Conservation (NSW) on (02) 9995 5555.

Acknowledgments

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INTRODUCTION

This document lists the sampling and analysis methods to be used when complying with a requirement by, or under, the environment protection legislation, or a licence or notice under that legislation, to test for the presence or concentration of matter in water and the volume, depth and flow of water or wastewater.

The **environment protection legislation** includes, among other legislation, the *Protection of the Environment Operations Act 1997* and regulations under it.

This document is referred to in:

- the Protection of the Environment Operations (General) Regulation 1998
- the Clean Waters Regulations 1972 (for the purposes of Classification of Waters)
- the Load Calculation Protocol.

This document also may be referred to in conditions attached to statutory instruments issued by the Environment Protection Authority, New South Wales (EPA).

The following process should be followed in determining the sampling and analysis methods to be used:

- 1. Use the specified method(s) on the relevant environment protection licence.
- 2. If no method is specified on a licence, use the method(s) specified in this document.
- If no method is specified in this document, or if you wish to use another method for sampling or analysis that is not included in this document, you must seek approval from the EPA before you commence sampling or analysis using that method.

In exceptional circumstances, the EPA may approve the use of alternative methods. Approval to use alternative methods must be sought in writing from the EPA. In the first instance, licensees should contact the EPA regional office that issues the licence.

Where there is a choice of more than one approved method for an analyte, unless stated otherwise by the relevant environment protection licence, a licensee may use any of the approved methods given for that analyte, provided that the method can achieve the reporting limits required for compliance with the licence. If there are no methods that will achieve the reporting limits required, licensees should contact the EPA. Once a licensee has selected an approved method, however, that licensee must not then change to another method for the same analyte without seeking permission in writing from the EPA.

In the sampling and analysis of water pollutants, the procedural details specified in the relevant method in this document may be varied by the person carrying out the sampling or analysis, provided that the variation is not such as can affect the results of the test and the person conducting the test can establish that.

SAMPLE COLLECTION AND HANDLING GUIDELINES

A sample should be collected so that it is representative of the condition being investigated, and in a manner consistent with the collection, handling and preservation principles enunciated in Standards Association of Australia (1998) AS/NZS 5667.1:1998, and APHA (1998) section 1060. If there is any inconsistency between these references, Standards Association of Australia (1998) prevails.

METHODS OF ANALYSIS

Analyses should be undertaken by a laboratory accredited to perform those analyses by an independent accreditation body acceptable to the EPA, such as the National Association of Testing Authorities (NATA), or equivalent.

Such analyses should conform to the generic methods prescribed at Part 1000 of APHA (1998), covering quality assurance, data quality, expression of results, method development and evaluation, and laboratory procedures. These generic methods are applicable to each of the methods approved below for specific analytes.

Methods approved by the EPA for specific analytes are listed in Table 1. Where there are multiple methods, some may be indicated as preferred methods. These methods are preferred because they use modern equipment and/or particular techniques that are most practicable and/or give the most reliable results. However, because in some circumstances it may not be possible to gain access to the most up-to-date equipment or laboratories accredited for all methods, acceptable alternatives are given.

How to find an analyte in the table

Analytes are listed in alphabetical order, generally on the basis of the main analyte considered. For instance, Faecal Coliforms are listed under Coliforms, and Total Suspended Solids under Solids. Both the groups of analytes and the individual analytes that fall into each group are listed. For instance, Organochlorine Pesticides include Aldrin and Dieldrin, among others: both of these are also listed separately. If the analytes listed on the licence are not listed in Table 1, refer to Appendix 1, which gives alternative names that are sometimes used for the listed analytes.

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Acenaphthene	APHA (1998) section 6410; or
	APHA (1998) section 6440; or
	*USEPA (1986a) method 8100; or
	*USEPA (1996a) method 8270C; or
	*USEPA (1986b) method 8310
Acenaphthylene	APHA (1998) section 6410; or
	APHA (1998) section 6440; or
	*USEPA (1986a) method 8100; or
	*USEPA (1996a) method 8270C; or
	*USEPA (1986b) method 8310
Acrolein	USEPA (40 CFR, 1994d) method 603; or
	UESPA (1994a) method 8316; or
	USEPA (1996b) method 8260B
Acrylonitrile	USEPA (40 CFR, 1994d) method 603;
	USEPA (1994a) method 8316; or
	USEPA (1996b) method 8260B
Aldrin	APHA (1998) section 6630; or
	APHA (1998) section 6410; or
	*USEPA (1998c) method 8081B; or
	*USEPA (1996a) method 8270C
Alkalinity (bicarbonate)	APHA (1998) section 2320
Alkalinity (total)	APHA (1998) section 2320

 $^{^{}st}$ Preferred methods

 $^{^{^{\}dagger}}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Aluminium (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111D; or
	*APHA (1998) section 3111E; or
	*APHA (1998) section 3113; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125 [†] ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8 [†] ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020^{\dagger} ; or
	*APHA (1998) section 3500-Al
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Anionic surfactants	APHA (1998) section 5540
Anthracene	APHA (1998) section 6410; or
	APHA (1998) section 6440; or
	*USEPA (1986a) method 8100; or
	*USEPA (1996a) method 8270C; or
	*USEPA (1986b) method 8310

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Antimony (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020AThen use *APHA (1998) section 3111B; or
	*APHA (1998) section 3113; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125 [†] ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8 [†] ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†]
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A
Arsenic (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3113; or
	*APHA (1998) section 3114; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125 [†] ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8 [†] ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020^{\dagger} ; or
	*APHA (1998) section 3500-As
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Atrazine	USEPA (1998a) method 8141B
Barium (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111D; or
	*APHA (1998) section 3113; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125^{\dagger} ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8 [†] ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020^{\dagger}
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A
Benzene	APHA (1998) section 6200; or
	*USEPA (1996d) method 8021B; or
	*USEPA (1996b) method 8260B
Benzidine	APHA (1998) section 6410; or
	*USEPA (1996a) method 8270C
Benzo(a)anthracene	APHA (1998) section 6410; or
Benzo(a)pyrene	APHA (1998) section 6440; or
Benzo(b)fluoranthene	*USEPA (1986a) method 8100; or
Benzo(e)pyrene	*USEPA (1996a) method 8270C; or
Benzo[ghi]perylene	*USEPA (1986b) method 8310
Benzo(k)fluoranthene	

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Beryllium (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111D; or
	*APHA (1998) section 3111E; or
	*APHA (1998) section 3113; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125 [†] ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8^{\dagger} ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†]
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
alpha-BHC	APHA (1998) section 6630; or
beta-BHC	APHA (1998) section 6410; or
	*USEPA (1998c) method 8081B; or
	*USEPA (1996a) method 8270C
Biochemical oxygen demand	APHA (1998) section 5210B, using APHA (1998) section 4500-O for the determination of dissolved oxygen

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Boron (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3120; or
	USEPA (1994b) method 200.7; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†] ; or
	*APHA (1998) section 4500-B
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Bromide	APHA (1998) section 4110; or
	APHA (2001 supplement) section 4110; or
	APHA (1998) section 4140; or
	APHA (1998) section 4500-Br
Bromoform	APHA (1998) section 6200; or
	APHA (1998) section 6232; or
	*USEPA (1996d) method 8021B; or
	*USEPA (1996b) method 8260B

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Cadmium (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K) or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111B; or
	*APHA (1998) section 3111C; or
	*APHA (1998) section 3113; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125 [†] ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8 [†] ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020^{\dagger}
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A
Calcium (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K) or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111B; or
	*APHA (1998) section 3111D; or
	*APHA (1998) section 3120; or
	USEPA (1994b) method 200.7; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020^{\dagger} ; or
	*APHA (1998) section 3500-Ca
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A

 $^{^*\} Preferred\ methods$

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Carbamate pesticides	APHA (1998 or 2001 supplement) section 6610; or
Includes:	*USEPA (1994e) method 8318; or
carbaryl	USEPA (1996e) method 8321A
methomyl	
Carbaryl	APHA (1998 or 2001 supplement) section 6610; or
	*USEPA (1994e) method 8318; or
	USEPA (1996e) method 8321A
Carbon tetrachloride	APHA (1998) section 6200; or
	*USEPA (1996d) method 8021B; or
	*USEPA (1996b) method 8260B
Chemical oxygen demand	APHA (1998) section 5220
Chlordane and isomers (cis, trans and	APHA (1998) section 6410; or
total)	APHA (1998) section 6630; or
	*USEPA (1998c) method 8081B; or
	*USEPA (1996a) method 8270C
Chloride	APHA (1998) section 4110; or
	APHA (2001 supplement) section 4110; or
	APHA (1998) section 4140; or
	APHA (1998) section 4500-Cl B; or
	APHA (1998) section 4500-Cl D; or
	APHA (1998) section 4500-Cl E
Chlorinated phenoxy acid herbicides	APHA (1998) section 6640; or
Includes:	*USEPA (1996f) method 8151A; or
2.4-D	USEPA (1996e) method 8321A
pentachlorophenol	Note: When using method 8321A it is recommended that
2,4,5-T	samples be hydrolysed to the ester form to simplify analysis.

 $^{^*\} Preferred\ methods$

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Chlorine (combined residual)	APHA (1998) section 4500-Cl D; or
	APHA (1998) section 4500-Cl F; or
	APHA (1998) section 4500-Cl G
	Note: The loss of free chlorine because of reaction with organic material and/or with reducing agents, and/or by volatilisation from water samples can make analysing for Chlorine (total residual), Chlorine (free residual) or Chlorine (combined residual) difficult. As a result, the most appropriate analytical technique to demonstrate compliance with a licence limit is likely to be analysis on site using a kit. The only kits that are acceptable to the EPA are those that use a portable spectrophotometer or colorimeter to measure the colour development that indicates the concentration of chlorine present. Kits that use comparison with a colour chart to determine concentration are not acceptable. Normal QA procedures must be followed. These include the analysis of blanks with every batch of samples, and the use of certified chlorine standards on each occasion the kit is used (if it is not used every day) or weekly if the kit is used constantly. Samples need to be taken immediately before analysis and need to be taken in bottles, such as BOD bottles, that can be filled completely. The bottles should be wrapped in foil. These directions are based on the requirements set down in the APHA methods listed above for chlorine analysis. If the concentration of chlorine being measured is likely to be around 0.05–0.2 mg/L, it will be necessary to validate the detection limit for the specific wastewater being analysed and the kit being used for the analysis.
Chlorine (free residual)	APHA (1998) section 4500-Cl D; or
	APHA (1998) section 4500-Cl F; or
	APHA (1998) section 4500-Cl G; or
	APHA (1998) section 4500-Cl H
	Refer to note on the use of kits, under <i>Chlorine (combined residual)</i> .

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Chlorine (total residual)	APHA (1998) section 4500-Cl B; or
	APHA (1998) section 4500-Cl C; or
	APHA (1998) section 4500-Cl D; or
	APHA (1998) section 4500-Cl E; or
	APHA (1998) section 4500-Cl F; or
	APHA (1998) section 4500-Cl G; or
	APHA (1998) section 4500-Cl I
	Refer to note on the use of kits, under <i>Chlorine (combined residual)</i> .
Chlorobenzene	APHA (1998) section 6200; or
	*USEPA (1996d) method 8021B; or
	*USEPA (1996b) method 8260B
Chloroform	APHA (1998) section 6200; or
	APHA (1998) section 6232; or
	*USEPA (1996d) method 8021B; or
	*USEPA (1996b) method 8260B
1-Chloronaphthalene	APHA (1998) section 6410; or
	*USEPA (1996a) method 8270C
2-Chlorophenol	APHA (1998) section 6410; or
	APHA (1998) section 6420; or
	*USEPA (1996) method 8041; or
	*USEPA (1996a) method 8270C
Chlorophyll a	APHA (1998) section 10200 H
Chlorpyrifos	USEPA (1998a) method 8141B; or
	USEPA (1996a) method 8270C
	Note: Chlorpyrifos may be analysed using USEPA method 8270C, provided that the extraction is performed at a neutral pH as per method USEPA 8141B.

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Chromium (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111C; or
	*APHA (1998) section 3113; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125^{\dagger} ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8^{\dagger} ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Chromium (hexavalent)	APHA (1998) section 3500-Cr; or
	AS 2882—1986; or
	USEPA (1994b) method 218.6; or
	USEPA (1992d) method 7196A
Chromium (trivalent)	Trivalent chromium is to be calculated:
	$Cr^{3+} = Cr$ (acid extractable) – Cr^{6+}
Chrysene	APHA (1998) section 6410; or
	APHA (1998) section 6440; or
	*USEPA (1986a) method 8100; or
	*USEPA (1996a) method 8270C; or
	*USEPA (1986b) method 8310

^{*} Preferred methods † Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Cobalt (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111B; or *APHA (1998) section 3111C; or
	*APHA (1998) section 3113; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125^{\dagger} ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8^{\dagger} ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020^{\dagger}
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Coliforms:	APHA (1998 or 2001 supplement) section 9221; or
(a) Total coliforms	APHA (1998) section 9222; or
	APHA (1998) section 9223; or
	AS 4276.4—1995 and AS 4276.5—1995
(b) Faecal coliforms	APHA (1998 or 2001 supplement) section 9221; or
(b) I accar comorms	APHA (1998) section 9222 or
	AS 4276.7—1995
Colour (true)	APHA (1998) section 2120
Conductivity	APHA (1998) section 2510
Conductivity	APHA (1998) section 2510

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Copper (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A followed by
	*APHA (1998) section 3111B; or
	*APHA (1998) section 3111C; or
	*APHA (1998) section 3113; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125 [†] ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8 [†] ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†]
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A
Coronene	APHA (1998) section 6410; or
	APHA (1998) section 6440; or
	*USEPA (1986a) method 8100; or
	*USEPA (1996a) method 8270C; or
	*USEPA (1986b) method 8310
Cyanide (amenable to chlorination)	Preliminary treatment, if required, APHA (1998 or 2001 supplement) section 4500-CN ⁻ B; followed by
	APHA (1998) section 4500-CN ⁻ G; or
	APHA (1998) section 4500-CN ⁻ H
Cyanide (free)	Preliminary recovery ASTM (2002) method D4282-02; followed by
	APHA (1998) section 4500-CN D; or
	APHA (1998) section 4500-CN ⁻ E; or
	APHA (1998) section 4500-CN ⁻ F; or
	ASTM (2002) D4282-02

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Cyanide (total)	Preliminary treatment, if required, APHA (1998 or 2001 supplement) section 4500-CN ⁻ B; followed by
	distillation APHA (1998 or 2001 supplement) section 4500-CN ⁻ C; followed by
	APHA (1998) section 4500-CN ⁻ D; or
	APHA (1998) section 4500-CN ⁻ E; or
	APHA (1998) section 4500-CN ⁻ F
	or
	USEPA (1980) method 335.2
	Note: If your discharge is a slurry—that is, contains a high fraction of solids—contact your licensing officer for further advice on the appropriate method.
Cyanide (weak acid dissociable)	Preliminary treatment, if required, APHA (1998 or 2001 supplement) section 4500-CN ⁻ B; followed by
	APHA (1998) section 4500-CN ⁻ I
	Note: If your discharge is a slurry—that is, contains a high fraction of solids—contact your licensing officer for further advice on the appropriate method.
2,4-D	APHA (1998) section 6640; or
	*USEPA (1996f) method 8151A; or
	USEPA (1996e) method 8321A
	Note: When using method 8321A it is recommended that samples be hydrolysed to the ester form to simplify analysis.
4,4'-DDD	APHA (1998) section 6410; or
4,4′-DDE	APHA (1998) section 6630; or
4,4′-DDT	*USEPA (1998c) method 8081B; or
	*USEPA (1996a) method 8270C
Depth	AS 3550.7—1993; or
	AS 3778—2001
Diazinon	USEPA (1998a) method 8141B; or
	USEPA (1996a) method 8270C
	Note: Diazinon may be analysed using USEPA method 8270C provided that the extraction is performed at a neutral pH as per method USEPA 8141B.

 $^{^*\,}Preferred\ methods$

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Dibenzo(a,h)anthracene	APHA (1998) section 6410; or
	APHA (1998) section 6440; or
	*USEPA (1986a) method 8100; or
	*USEPA (1996a) method 8270C; or
	*USEPA (1986b) method 8310
Dibromochloromethane	APHA (1998) section 6200; or
	APHA (1998) section 6232; or
	*USEPA (1996d) method 8021B; or
	*USEPA (1996b) method 8260B
1,2-Dichlorobenzene	APHA (1998) section 6200; or
1,3-Dichlorobenzene	APHA (1998) section 6410; or
1,4-Dichlorobenzene	*USEPA (1996d) method 8021B; or
	*USEPA (1996b) method 8260B; or
	*USEPA (1996a) method 8270C
3,3'-Dichlorobenzidine	APHA (1998) section 6410; or
	*USEPA (1996a) method 8270C
1,1-Dichloroethane	APHA (1998) section 6200; or
1,2-Dichloroethane	*USEPA (1996d) method 8021B; or
1,1-Dichloroethene	*USEPA (1996b) method 8260B
2,4-Dichlorophenol	APHA (1998) section 6410; or
	APHA (1998) section 6420; or
	*USEPA (1996g) method 8041; or
	*USEPA (1996a) method 8270C
Dieldrin	APHA (1998) section 6410; or
	APHA (1998) section 6630; or
	*USEPA (1998c) method 8081B; or
	*USEPA (1996a) method 8270C
2,4-Dimethylphenol	APHA (1998) section 6410; or
	APHA (1998) section 6420; or
	*USEPA (1996g) method 8041; or
	*USEPA (1996a) method 8270C

 $^{^*\,}Preferred\ methods$

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
1,2-Diphenylhydrazine	USEPA (1996a) method 8270C
Diquat	USEPA (1992e) method 549.1 (EPA-500 Series Supplement II, Aug 1992)
Dissolved organic carbon	APHA (1998) section 5310
Dissolved organic halogen	APHA (1998) section 5320 B
Includes:	Note: this is a general screening method. Individually
Trihalomethanes	listed compounds should preferably be tested by their specific methods, where included in this list.
Trichloroethene	specific medical, micro medical management
Tetrachloroethene	
Other halogenated alkanes and alkenes	
Chlorinated and brominated pesticides	
Polychlorinated biphenyls	
Hexachlorobenzene	
2,4-Dichlorophenol	
Dissolved oxygen	APHA (1998) section 4500-O
Diuron	USEPA (1998b) method 8321B
DTPA	There is no approved method for DTPA. Contact your licensing officer for further information
Endosulfan I	APHA (1998) section 6410; or
Endosulfate II	APHA (1998) section 6630; or
Endosulfan sulfate	*USEPA (1998c) method 8081B; or
	*USEPA (1996a) method 8270C
Endrin	APHA (1998) section 6410; or
	APHA (1998) section 6630; or
	*USEPA (1998c) method 8081B; or
	*USEPA (1996a) method 8270C
Enterococci	APHA (1998) section 9230; or
	AS 4276.8—1995; or
	AS 4276.9—1995
Ethanol	USEPA (1996h) method 8015B
Ethyl benzene	APHA (1998) section 6200; or
	*USEPA (1996d) method 8021B; or
	*USEPA (1996b) method 8260B

 $^{^*\,}Preferred\ methods$

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Extractable base/neutrals and acids	APHA (1998) section 6410; or
Includes:	*USEPA (1996a) method 8270C
Acenaphthene	
Acenaphthylene	
Aldrin	
Anthracene	
Benzo(a)anthracene	
Benzo(a)pyrene	
Benzo(b)fluoranthene	
Benzo(ghi)perylene	
Benzo(k)fluoranthene	
beta-BHC	
Chlordane	
2-Chlorophenol	
Chrysene	
4,4'-DDD	
4,4'-DDE	
4,4'-DDT	
Dibenzo(a,h)anthracene	
1,2-Dichlorobenzene	
1,3-Dichlorobenzene	
1,4-Dichlorobenzene	
3,3'-Dichlorobenzidine	
2,4-Dichlorophenol	
Dieldrin	
2,4-Dimethylphenol	
Endosulfan sulfate	
Fluoranthene	
Heptachlor	
Heptachlor epoxide	
Hexachlorobenzene	
Indeno(1,2,3-cd)pyrene	
Naphthalene	
Nitrobenzene	
Pentachlorophenol	
Phenol	
Polychlorinated biphenyls (PCB-1016,	
PCB-1221, PCB-1232, PCB-1242, PCB-	
1248, PCB-1254, PCB-1260)	
Pyrene	
2,4,6-Trichlorophenol	
Faecal coliforms	Refer to section on <i>Coliforms</i>
Floatables	APHA (1998) section 2530

 $^{^*\,}Preferred\ methods$

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Flow	AS 3778 (several volumes)
	Note: This standard covers methods for use in open channels and waterways. To determine flow in pipes, use pumping capacity, pressure differences, or electromagnetic, ultrasonic or other techniques.
Fluoranthene	APHA (1998) section 6410; or
	APHA (1998) section 6440; or
	*USEPA (1986a) method 8100; or
	*USEPA (1996a) method 8270C; or
	*USEPA (1986b) method 8310
Fluoride	Preliminary distillation step, if required, APHA (1998) section 4500-F $^-$ B;
	followed by
	APHA (1998) section 4140; or
	APHA (1998) section 4500-F ⁻ C; or
	APHA (1998) section 4500-F ⁻ D; or
	APHA (1998) section 4500-F ⁻ E
Formaldehyde	USEPA (1996i) method 8315A
Glyphosate	APHA (1998) section 6651; or
	USEPA (1990) method 547
Heptachlor	APHA (1998) section 6410; or
Heptachlor epoxide	APHA (1998) section 6630; or
	*USEPA (1998c) method 8081B; or
	*USEPA (1996a) method 8270C
Hexachlorobenzene	APHA (1998) section 6410; or
	*USEPA (1996a) method 8270C; or
	USEPA (1998c) method 8081B
Hydrogen sulfide (un-ionised)	Refer to section on Sulfide
Indeno(1,2,3-cd)pyrene	APHA (1998) section 6410; or
	APHA (1998) section 6440; or
	*USEPA (1986a) method 8100; or
	*USEPA (1996a) method 8270C; or
	*USEPA (1986b) method 8310

 $^{^*\,}Preferred\ methods$

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Iron (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111B; or
	*APHA (1998) section 3111C; or
	*APHA (1998) section 3113; or
	*APHA (1998) section 3120; or
	USEPA (1994b) method 200.7; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†]
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Iron (dissolved)	Preliminary treatment APHA (1998) section 3030B; then treat according to <i>Iron (acid extractable)</i>
Iron (suspended)	Preliminary treatment APHA (1998) section 3030B; then treat according to <i>Iron (acid extractable)</i>
Lead (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111B; or
	*APHA (1998) section 3111C; or
	*APHA (1998) section 3113; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125 [†] ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8 [†] ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†]
	Note: For the purposes of this document, the term "acid

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
	extractable" is as defined in APHA (1998) section 3030A
Lead (dissolved)	Preliminary treatment APHA (1998) section 3030B; then treat according to <i>Lead (acid extractable)</i>
Lead (suspended)	Preliminary treatment APHA (1998) section 3030B; then treat according to <i>Lead (acid extractable)</i>
Lindane	APHA (1998) section 6410; or
	APHA (1998) section 6630; or
	*USEPA (1998c) method 8081B; or
	*USEPA (1996a) method 8270C
Lithium (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use USEPA (1994b) method 200.7; or
	*APHA (1998) section 3111B; or
	*APHA (1998) section 3120; or
	USEPA (1996c) method 6010B
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A
Magnesium (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111B; or
	*APHA (1998) section 3120; or
	USEPA (1994b) method 200.7; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†]
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A

 $^{^*\,}Preferred\ methods$

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Malathion	USEPA (1998a) method 8141B; or
	USEPA (1996a) method 8270C

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Manganese (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111B; or
	*APHA (1998) section 3111C; or
	*APHA (1998) section 3113; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125 [†] ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8 [†] ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†]
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Manganese (dissolved)	Preliminary treatment APHA (1998) section 3030B; then treat according to <i>Manganese (acid extractable)</i>
MCPA	APHA (1998) section 6640; or
	*USEPA (1996f) method 8151A; or
	USEPA (1996e) method 8321A
	Note: When using method 8321A samples should be hydrolysed to the ester form to simplify analysis.
Mercury (dissolved)	Preliminary treatment APHA (1998) section 3030B; then treat according to <i>Mercury (total)</i>

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 µg/L) are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Mercury (total)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use APHA (1998) section 3112; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8^{\dagger} ; or
	USEPA (1994b) method 245.1; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020^{\dagger} or
	USEPA (2002) 1631E
Methane	APHA (1998) section 6211
Methomyl	APHA (1998 or 2001 supplement) section 6610; or
	*USEPA (1994e) method 8318; or
	USEPA (1996e) method 8321A
Methoxychlor	APHA (1998) section 6410; or
	APHA (1998) section 6630; or
	*USEPA (1998c) method 8081B; or
	*USEPA (1996a) method 8270C
Methyl azinphos	USEPA (1998a) method 8141B; or
	USEPA (1996a) method 8270C
Methylene blue active substances	Refer to section on Anionic surfactants
Methyl ethyl ketone	USEPA (1996b) method 8260B
2-Methylphenol	USEPA (1996g) method 8041; or
3-Methylphenol	USEPA (1996a) method 8270C
4-Methylphenol	
Metolachlor	USEPA (1998c) method 8081B; or
	USEPA (1998a) method 8141B; or
	USEPA (1996a) method 8270C
Molinate	*USEPA (1996a) method 8270C; or
	USEPA (1993a) method 634

 $^{^*\,}Preferred\ methods$

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Molybdenum (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111D; or
	*APHA (1998) section 3113; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125 [†] ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8 [†] ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020^{\dagger}
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Molybdenum (dissolved)	Preliminary treatment APHA (1998) section 3030B; then treat according to <i>Molybdenum (acid extractable)</i>
Naphthalene	APHA (1998) section 6200; or
	APHA (1998) section 6410; or
	APHA (1998) section 6440; or
	*USEPA (1986a) method 8100; or
	*USEPA (1996b) method 8260B; or
	*USEPA (1996a) method 8270C; or
	*USEPA (1986b) method 8310

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Nickel (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111B; or
	*APHA (1998) section 3111C; or
	*APHA (1998) section 3113; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125 [†] ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8 [†] ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†]
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Nickel (dissolved)	Preliminary treatment APHA (1998) section 3030B; then treat according to <i>Nickel (acid extractable)</i>
Nitrobenzene	APHA (1998) section 6410; or
	*USEPA (1996a) method 8270C
Nitrogen (ammonia)	APHA (1998) section 4500-NH ₃ ; or
	APHA (1998) section 4120; or
	APHA (1998) section 4130; or
	USEPA (1993b) method 350.1
	Note: For trade waste samples distillation is required using APHA 4500-NH $_3$ -C

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Nitrogen (nitrate)	APHA (1998) section 4110; or
	APHA (1998) section 4120; or
	APHA (1998) section 4130; or
	APHA (2001 supplement) section 4110; or
	APHA (1998) section 4500-NO $_3$ D; or
	APHA (1998) section 4500-NO $_3$ E; or
	APHA (1998) section 4500-NO $_3$ F; or
	APHA (1998) section 4500-NO_3 I
Nitrogen (nitrite)	APHA (1998) section 4110; or
	APHA (2001 supplement) section 4110; or
	APHA (1998) section 4120; or
	APHA (1998) section 4130; or
	APHA (1998) section 4500-NO ₂ ; or
	APHA (1998) section 4500-NO $_3$ F (with cadmium column removed); or
	APHA (1998) section 4500-NO $_{_3}$ I (with cadmium column removed); or
	USEPA (1993b) method 354.1
Nitrogen (organic)	Organic nitrogen is to be calculated as:
	Nitrogen (organic) = Total Kjeldahl nitrogen – Nitrogen (ammonia); or
	Nitrogen (organic) = Nitrogen (total) - [Nitrogen (ammonia) + Nitrogen (total oxidised)]
Nitrogen (total)	Nitrogen (total) can be determined through calculation, using:
	Nitrogen (total) = Total Kjeldahl nitrogen + Nitrogen (total oxidised); or measured directly using
	APHA (1998) section 4500-N C
	Where a licensee can demonstrate equivalent results, the following direct Nitrogen (total) methods can also be used:
	APHA (1998) section 4120; or
	APHA (1998) section 4130.
	Note: The direct persulfate digestion method (4500-N C) for analysis of <i>Nitrogen (total)</i> may not be suitable where there are high levels of particulates in the sample.

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Nitrogen (total oxidised)	This is the sum total of oxidised forms of nitrogen, i.e. Nitrogen (nitrate) + Nitrogen (nitrite). For the approved methods, refer to Nitrogen (nitrate).
Total Kjeldahl nitrogen	APHA (1998) section 4120; or
	APHA (1998) section 4130; or
	APHA (1998) section 4500- N_{org} ; or
	APHA (1998) section 4500- $N_{\mbox{\tiny org}}$ with Jirka modification (Jirka et al. 1976); or
	USEPA (1993b) method 351.2
Nonylphenol ethoxylates Octylphenol ethoxylates	There are no standard methods for these analytes. If you need to monitor for these analytes, seek advice from your licensing officer before commencing sampling or analysis.
Odour	APHA (1998) section 2150
	Note: Exercise great care if undertaking this method of analysis. There are potential hazards to the tester.
Oil and grease	APHA (1998) section 5520B; or
-	APHA (1998) section 5520C; or
	APHA (1998) section 5520D; or
	*USEPA (1994c) method 1664; or
	APHA (1998) section 5520F (hydrocarbons only)
Organochlorine pesticides	APHA (1998) section 6410; or
Includes:	APHA (1998) section 6630; or
Aldrin	*USEPA (1998c) method 8081B; or
alpha-BHC	*USEPA (1996a) method 8270C
beta-BHC	
4,4'-DDD	
4,4'-DDE	
4,4'-DDT	
Dieldrin Endosulfan sulfate	
Endosulian suliate Endrin	
Heptachlor	
Heptachlor epoxide	
Lindane	

 $^{^{}st}$ Preferred methods

 $^{^{\}dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Organophosphorus pesticides	USEPA (1996a) method 8270C; or
Includes:	USEPA (1998a) method 8141B
Chlorpyrifos	
Chlorpyrifos Methyl	
Diazinon	
Dimethoate	
Ethion	
Malathion	
Methyl azinphos	
Parathion	
Parathion methyl	
Oxidation-reduction potential	APHA (1998) section 2580
Paraquat	USEPA (1992e) method 549.1 (EPA-500 Series Supplement II, Aug. 1992)
Parathion	USEPA (1998a) method 8141B; or
	USEPA (1996a) method 8270C
Pentachlorophenol	APHA (1998) section 6410; or
	APHA (1998) section 6420; or
	APHA (1998) section 6640; or
	*USEPA (1996g) method 8041; or
	*USEPA (1996f) method 8151A; or
	*USEPA (1996a) method 8270C; or
	USEPA (1996e) method 8321A
	Note: When using method 8321A, samples should be hydrolysed to the ester form to simplify analysis.
Perylene	APHA (1998) section 6410; or
	APHA (1998) section 6440; or
	*USEPA (1986a) method 8100; or
	*USEPA (1996a) method 8270C; or
	*USEPA (1986b) method 8310

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Petroleum hydrocarbons and BTEX:	(a) Petroleum hydrocarbons:
(a) Total petroleum hydrocarbons	USEPA (1996h) method 8015B
(b) BTEX (equals B enzene + E thyl	(b) BTEX:
benzene + T oluene + X ylene, including: m- Xylene, o-Xylene and p-Xylene)	APHA (1998) section 6200; or
rigicine, o rigicine and p rigicine)	*USEPA (1996d) method 8021B; or
	*USEPA (1996b) method 8260B
pH value	APHA (1998) section 4500-H ⁺
Phenol and individual phenolic	APHA (1998) section 6410; or
compounds	APHA (1998) section 6420; or
Includes:	*USEPA (1996g) method 8041; or
2-Chlorophenol	*USEPA (1996a) method 8270C
2,4-Dichlorophenol	For individual phenolic compounds, refer to their
2,4-Dimethylphenol	individual listings or look under Extractable base/neutrals and acids
Phenol	and acids
2,4,6-Trichlorophenol	
Substituted phenols and cresols	APHA (1998) section 6410; or
	APHA (1998) section 6420; or
	*USEPA (1996g) method 8041; or
	*USEPA (1996a) method 8270C
Total phenolics	APHA (1998) section 5530
Phosphorus (dissolved reactive)	APHA (1998) section 4500-P B; followed by
	APHA (1998) section 4110; or
	APHA (2001 supplement) section 4110; or APHA (1998) section 4120; or
	APHA (1998) section 4130; or
	APHA (1998) section 4500-P E; or
	APHA (1998) section 4500-P F; or
	APHA (1998) section 4500-P G; or
	USEPA (1971) method 365.2; or
	USEPA (1978a) method 365.3

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Phosphorus (total)	APHA (1998) section 4500-N $_{\!\!\!\text{org}}$ with Jirka modification—Jirka et al. (1976); or
	APHA (1998) section 4500-P B; Persulfate digestion; followed by:
	APHA (1998) section 4500-P E; or
	APHA (1998) section 4500-P F; or
	APHA (1998) section 4500-P H
	or
	USEPA (1971) method 365.2; or
	USEPA (1978a) method 365.3; or
	USEPA (1996c) method 6010B
	Note: The direct persulfate digestion method (4500-P B) for analysis of <i>Phosphorus (total)</i> may not be suitable where there are high levels of particulates in the sample.
Phosphorus (total dissolved)	Filtration through 0.45-µm membrane filter followed by:
	APHA (1998) section 4500-N $_{\rm org}$ with Jirka modification—Jirka et al. (1976); or
	APHA (1998) section 4500-P B; Persulfate digestion; followed by:
	APHA (1998) section 4500-P E; or
	APHA (1998) section 4500-P F; or
	APHA (1998) section 4500-P H
	or
	USEPA (1971) method 365.2; or
	USEPA (1978a) method 365.3
Polychlorinated biphenyls	APHA (1998) section 6431; or
	*USEPA (2000) method 8082A

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Polynuclear aromatic hydrocarbons	APHA (1998) section 6410; or
Includes:	APHA (1998) section 6440; or
Acenaphthene	*USEPA (1986a) method 8100; or
Acenaphthylene	*USEPA (1996a) method 8270C; or
Anthracene	*USEPA (1986b) method 8310
Benzo(a)anthracene	
Benzo(a)pyrene	
Benzo(b)fluoranthene	
Benzo(ghi)perylene	
Benzo(k)fluoranthene	
Chrysene	
Dibenzo(a,h)anthracene	
Fluoranthene	
Indeno(1,2,3-cd)pyrene	
Naphthalene	
Pyrene	
Potassium (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111B; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3500-K; or
	USEPA (1994b) method 200.7; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†]
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Pyrene	APHA (1998) section 6410; or
	APHA (1998) section 6440; or
	*USEPA (1986a) method 8100; or
	*USEPA (1996a) method 8270C; or
	*USEPA (1986b) method 8310

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 µg/L) are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Quaternary salts	USEPA (1992e) method 549.1 (EPA-500 Series
Includes:	Supplement II, Aug. 1992)
Diquat	
Paraquat	
Radionuclide(s)	For gross alpha and beta:
	AS 3550.5—1990; or
	APHA (1998) section 7110 B; or
	APHA (1998) section 7110 C
	For gamma-emitting radionuclides:
	APHA (1998) section 7120 B; or
	APHA (1998) section 7500-Cs B (Caesium); or
	APHA (1998) section 7500-I (Iodine); or
	APHA (1998) section 7500-Ra (Radium)
	For Strontium: APHA (1998) section 7500-Sr B
	For Tritium: APHA (1998) section 7500-3HB
	For Uranium: APHA (1998) section 7500-U
Salinity	Conductivity—APHA (1998) section 2510; or
Includes:	Salinity—APHA (1998) section 2520
Use for calculation of salt load [in the load calculation protocol only]	

^{*} Preferred methods

 $^{^{\}dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Selenium (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020AThen use *APHA (1998) section 3113; or
	*APHA (1998) section 3114; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125^{\dagger} ; or
	APHA (1998) section 3500-Se; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†]
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Semi-volatile organic hydrocarbons	APHA (1998) section 6410; or
	*USEPA (1996a) method 8270C
Silver (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A; or
	acid digestion by the method of Yang et al. (2002)
	Then use *APHA (1998) section 3111B; or
	*APHA (1998) section 3111C; or
	*APHA (1998) section 3113; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125^{\dagger} ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8 [†] ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†]
	Note: For the purposes of this document, the term "acid

^{*} Preferred methods

 $^{^{\}dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
	extractable" is as defined in APHA (1998) section 3030A.
Simazine	USEPA (1998a) method 8141B; or
	USEPA (1996a) method 8270C
	Note: Simazine may be analysed using USEPA method 8270C provided the extraction is performed at a neutral pH as per method USEPA 8141B.
Sodium (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111B; or
	*APHA (1998) section 3120; or
	APHA (1998) section 3500-Na; or
	USEPA (1994b) method 200.7; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†]
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Solids:	
(a) Total dissolved solids	APHA (1998) section 2540C
	APHA (1998) section 2540D; or
(b) Total suspended solids	
	USEPA (1999) method 160.2; or
	AS 3550.4—1990
Standing water level	Refer to section on Depth
Styrene	APHA (1998) section 6200; or
	*USEPA (1996d) method 8021B; or
	*USEPA (1996b) method 8260B
Substituted phenols and cresols	Refer to sections on <i>Phenol</i>
-	•

^{*} Preferred methods

 $^{^{\}dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Sulfate	APHA (1998) section 4110; or
	APHA (2001 supplement) section 4110; or
	APHA (1998) section 4140; or
	APHA (1998) section 4500-SO ₄ ²⁻ E; or
	APHA (1998) section 4500-SO ₄ ²⁻ F; or
	USEPA (1978b) method 375.4
Sulfide (dissolved)	APHA (1998 or 2001 supplement) section 4500-S ²⁻
	Note: If sample contains suspended solids, then use
	4500-S ² -B followed by 4500-S ² -D;
	If sample contains no suspended solids then use
	4500-S ²⁻ -D.
Sulfide (total)	APHA (1998 or 2001 supplement) section 4500-S ²⁻
Hydrogen sulfide (un-ionised)	APHA (1998 or 2001 supplement) section 4500-S ²⁻ H
	Note: Use dissolved sulfide value in the calculations
2,4,5-T	APHA (1998) section 6640; or
	*USEPA (1996f) method 8151A; or
	USEPA (1996e) method 8321A
	Note: When using method 8321A, samples should be hydrolysed to the ester form to simplify analysis.
Temperature	APHA (1998) section 2550
Tetrachloroethene	APHA (1998) section 6200; or
	*USEPA (1996d) method 8021B; or
	*USEPA (1996b) method 8260B
2,3,4,6-Tetrachlorophenol	APHA (1998) section 6410; or
	APHA (1998) section 6420; or
	*USEPA (1996g) method 8041; or
	*USEPA (1996a) method 8270C
Thermotolerant coliforms	APHA (1998 or 2001 supplement) section 9221; or
(also known as faecal coliforms)	APHA (1998) section 9222 or
	AS 4276.6—1995 or
	AS 4276.7—1995
Thiobencarb	USEPA (1996a) method 8270C

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Tin (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use APHA (1998) section 3111B; or
	*APHA (1998) section 3111D; or
	*APHA (1998) section 3113; or
	APHA (1998) section 3125; or
	*USEPA (1996c) method 6010B; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8; or
	USEPA (1994f) method 6020
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Titanium (acid extractable)	Preliminary treatment APHA (1998) section 3030(E - K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111D; or
	USEPA (1994b) method 200.7; or
	*USEPA (1996c) method 6010B
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Toluene	APHA (1998) section 6200; or
	*USEPA (1996d) method 8021B; or
	*USEPA (1996b) method 8260B
Toluene 2,4-diisocyanate (TDI)	USEPA (1996a) method 8270C
Total Kjeldahl nitrogen	Refer to sections on Nitrogen
Total organic carbon (in water)	APHA (1998) section 5310
Total dissolved solids	Refer to section on Solids

^{*} Preferred methods

 $^{^{\}dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Toxicity testing	Where toxicity testing is required, the details should be negotiated on a case-by-case basis with the licensing officer and specialist staff from DEC.
	Guidance on appropriate methods for toxicity testing will be provided as part of these negotiations.
Tributyltin	Greaves and Unger (1988); or
	USEPA (1989) method 282.3 or
	USEPA (2003) method 8323.
	Note: USEPA method 282.3 has not been promulgated and may be hard to obtain (USEPA regional method)
1,1,1-Trichloroethane	APHA (1998) section 6200; or
1,1,2-Trichloroethane	*USEPA (1996d) method 8021B; or
	*USEPA (1996b) method 8260B
Trichloroethene	APHA (1998) section 6200; or
	*USEPA (1996d) method 8021B; or
	*USEPA (1996b) method 8260B
2,4,6-Trichlorophenol	APHA (1998) section 6410; or
	APHA (1998) section 6420; or
	*USEPA (1996g) method 8041; or
	*USEPA (1996a) method 8270C
Trifluralin	USEPA (1998c) method 8081B; or
	USEPA (1996a) method 8270C
Trihalomethanes and chlorinated organic	APHA (1998) section 6232; or
solvents	APHA (1998) section 6200; or
Includes:	*USEPA (1996d) method 8021B; or
Bromoform	*USEPA (1996b) method 8260B
Bromodichloromethane	
Carbon tetrachloride	
Chloroform	
Dibromochloromethane	
Tetrachloroethene	
1,1,1-Trichloroethane	
1,1,2-Trichloroethane	
Trichloroethene	
Turbidity	APHA (1998) section 2130

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Vanadium (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111D; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125 [†] ; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8 [†] ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†]
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Velocity [of flow]	AS 3778 (several volumes)
Vinyl chloride	APHA (1998) section 6200; or
	USEPA (1996b) method 8260B; or
	USEPA (1996d) method 8021B
Volatile halogenated compounds	APHA (1998) section 6200; or
	USEPA (1996b) method 8260B; or
	USEPA (1996d) method 8021B

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Volatile organic compounds	APHA (1998) section 6200; or
Includes:	*USEPA (1996b) method 8260B; or
Benzene	*USEPA (1996d) method 8021B
Bromoform	
Carbon tetrachloride	
Chlorobenzene	
Chloroform	
Dibromochloromethane	
1,2-Dichlorobenzene	
1,3-Dichlorobenzene	
1,4-Dichlorobenzene	
1,1-Dichloroethane	
1,2-Dichloroethane	
1,1-Dichloroethene	
Ethyl benzene	
Naphthalene	
Styrene	
Tetrachloroethene	
Toluene	
1,1,1-Trichloroethane	
1,1,2-Trichloroethane	
Trichloroethene	
Vinyl chloride	
m-Xylene	
o-Xylene	
p-Xylene	

 $^{^{}st}$ Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Volume	AS 3778 covers methods for determining width, depth and velocity in open channels and waterways. For a standing water body, volume can be calculated as:
	$Volume = width \times length \times depth$
	A volume of flowing water can be calculated as:
	$\label{eq:Volume} \textit{Volume} = \textit{cross-sectional area} \times \textit{flow (velocity)}, \text{ where } \textit{cross-sectional area} = \textit{width} \times \textit{depth}$
	For pipes, the volume can be estimated from the known pump capacity multiplied by the duration of pumping.
	In all calculations, ensure that measuring instruments are calibrated and the units of measurement are the same. Averages of several measurements should be used when calculating values. See also <i>Depth</i> , <i>Flow</i> and <i>Velocity</i> .
Xylene	APHA (1998) section 6200; or
Includes:	*USEPA (1996b) method 8260B; or
m-Xylene	*USEPA (1996d) method 8021B
o-Xylene	
p-Xylene	
Zinc (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111B; or
	*APHA (1998) section 3111C; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125^{\dagger} ; or
	*APHA (1998) section 3130B; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8^{\dagger} ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020^{\dagger}
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Zinc (dissolved)	Preliminary treatment APHA (1998) section 3030B; then treat according to Zinc (acid extractable)

^{*} Preferred methods

 $^{^{\}scriptscriptstyle \dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

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Table 1: EPA-approved methods for the analysis of water pollutants

Analyte	Method
Volume	AS 3778 covers methods for determining width, depth and velocity in open channels and waterways. For a standing water body, volume can be calculated as:
	$Volume = width \times length \times depth$
	A volume of flowing water can be calculated as:
	$\label{eq:Volume} Volume = cross-sectional \ area \times flow \ (velocity), \ where \ cross-sectional \ area = width \times depth$
	For pipes, the volume can be estimated from the known pump capacity multiplied by the duration of pumping.
	In all calculations, ensure that measuring instruments are calibrated and the units of measurement are the same. Averages of several measurements should be used when calculating values. See also <i>Depth</i> , <i>Flow</i> and <i>Velocity</i> .
Xylene	APHA (1998) section 6200; or
Includes:	*USEPA (1996b) method 8260B; or
m-Xylene	*USEPA (1996d) method 8021B
o-Xylene	
p-Xylene	
Zinc (acid extractable)	Preliminary treatment APHA (1998) section 3030(E – K); or
	USEPA (1992a) method 3005A; or
	USEPA (1992b) method 3010A; or
	USEPA (1994g) method 3015; or
	USEPA (1992c) method 3020A
	Then use *APHA (1998) section 3111B; or
	*APHA (1998) section 3111C; or
	*APHA (1998) section 3120; or
	*APHA (1998) section 3125^{\dagger} ; or
	*APHA (1998) section 3130B; or
	USEPA (1994b) method 200.7; or
	USEPA (1994b) method 200.8 [†] ; or
	*USEPA (1996c) method 6010B; or
	*USEPA (1994f) method 6020 [†]
	Note: For the purposes of this document, the term "acid extractable" is as defined in APHA (1998) section 3030A.
Zinc (dissolved)	Preliminary treatment APHA (1998) section 3030B; then treat according to <i>Zinc (acid extractable)</i>

^{*} Preferred methods

 $^{^{\}dagger}$ Used when very low concentrations (< 100 $\mu g/L)$ are tested

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APPENDIX 1 ALTERNATIVE NAMES FOR ANALYTES

Table A1 this appendix gives the alternative names of analytes that are held to be synonymous with those given in the Approved Methods table. Table A2 gives the names of the Approved Methods analytes and possible synonymous alternative names. Alternative names may appear in regulations, in the load calculation protocol or on licences.

Table A1: Alternative names and their synonyms in the Approved Methods table

Alternative analyte name	Analyte name in Approved Methods table
AOX	Dissolved organic halogen
Adsorbable organic halogens	Dissolved organic halogen
Alkalinity (as calcium carbonate)	Alkalinity (total)
Aluminium	Aluminium (acid extractable)
Ammonia	Nitrogen (ammonia)
Ammonia nitrogen	Nitrogen (ammonia)
Antimony	Antimony (acid extractable)
Arsenic	Arsenic (acid extractable)
Barium	Barium (acid extractable)
Benzo(ghl)perylene, benzo(g,h,l)perylene (Note: incorrect names)	Benzo(ghi)perylene
Beryllium	Beryllium (acid extractable)
а-ВНС	alpha-BHC
b-BHC	beta-BHC
Bicarbonate	Alkalinity (bicarbonate)
Biochemical oxygen demand	Biochemical oxygen demand (5-day)
BOD, BOD ₅	Biochemical oxygen demand (5-day)
BOD (for the purpose of determining the 3DGM)	Biochemical oxygen demand (5-day)
Boron	Boron (acid extractable)
Boron (total)	Boron (acid extractable)
Cadmium	Cadmium (acid extractable)
Calcium	Calcium (acid extractable)
COD	Chemical oxygen demand
Chloramines	Chlorine (combined residual)
Chlorine	Chlorine (free residual)
Chloronaphthalene	1-Chloronaphthalene
Chloronaphthalene(1)	1-Chloronaphthalene

Table A1: Alternative names and their synonyms in the Approved Methods table

Alternative analyte name	Analyte name in Approved Methods table
Chromium (VI) compounds	Chromium (hexavalent)
Chromium (III) compounds	Chromium (trivalent)
Chromium (total)	Chromium (acid extractable)
Copper	Copper (acid extractable)
DDD	4,4'-DDD
DDE	4,4'-DDE
DDT	4,4'-DDT
2,4-Dichlorophenoxyacetic acid	2,4-D
Dichlorobenzidine	3,3'-Dichlorobenzidine
Diphenyl hydrazine	1,2-Diphenyl hydrazine
DO	Dissolved oxygen
DOX	Dissolved organic halogen
FC, fc	Faecal coliforms [see under <i>Coliforms</i> in approved methods table]
FRC	Chlorine (free residual)
Free cyanide	Cyanide (free)
Free residual chlorine	Chlorine (free residual)
Filterable iron	Iron (dissolved)
Filterable manganese	Manganese (dissolved)
gamma-BHC (lindane)	Lindane
g-BHC (lindane)	Lindane
Guthion (methyl azinphos)	Methyl azinphos
Hexachlorobenzene (HCB)	Hexachlorobenzene
Hexavalent chromium	Chromium (hexavalent)
Insoluble lead	Lead (suspended)
Iron	Iron (acid extractable)
Lead	Lead (acid extractable)
Lithium	Lithium (acid extractable)
Magnesium	Magnesium (acid extractable)
Manganese	Manganese (acid extractable)
MBAS	Anionic surfactants
MCPA	2-Methyl-4-chlorophenoxyacetic acid
Mercury	Mercury (total)

Table A1: Alternative names and their synonyms in the Approved Methods table

table	
Alternative analyte name	Analyte name in Approved Methods table
Methylene blue active substances	Anionic surfactants
3-Methylphenol (<i>m</i> -cresol)	3-Methylphenol
2-Methylphenol (o-cresol)	2-Methylphenol
4-Methylphenol (p-cresol)	4-Methylphenol
Molybdenum	Molybdenum (acid extractable)
NH ₃ -N	Nitrogen (ammonia)
Nickel	Nickel (acid extractable)
Nitrate	Nitrogen (nitrate)
Nitrate + nitrite (oxidised nitrogen)	Nitrogen (total oxidised)
Nitrite	Nitrogen (nitrite)
Nitrogen	Nitrogen (total)
Nitrogen as ammonia	Nitrogen (ammonia)
Non-filterable iron	Iron (suspended)
Non-filterable residue	Total suspended solids
o-Dichlorobenzene	1,2-Dichlorobenzene
Organic nitrogen	Nitrogen (organic)
Organophosphate pesticides	Organophosphorus pesticides
Orthophosphate	Phosphorus (dissolved reactive)
PAHs	Polynuclear aromatic hydrocarbons
PCBs	Polychlorinated biphenyls
Polyaromatic hydrocarbons	Polynuclear aromatic hydrocarbons
<i>p,p</i> ′-DDD, <i>p,p</i> ′-DDD (4,4)	4,4'-DDD
<i>p,p</i> ′-DDE, <i>p,p</i> ′-DDE (4,4)	4,4'-DDE
<i>p,p</i> ′-DDT, <i>p,p</i> ′-DDT (4,4)	4,4'-DDT
Reactive phosphorus	Phosphorus (dissolved reactive)
Redox potential	Oxidation–reduction potential
Salt	Salinity, conductivity
Silicate (SiO ₂)	Silica (acid extractable)
Soluble lead	Lead (dissolved)
Soluble phosphorus	Phosphorus (dissolved reactive)
Sulfur	May mean sulfate or hydrogen sulfide (unionised). Seek further advice from your EPA regional office.
TDS	Total dissolved solids
Thermotolerant coliforms	Faecal coliforms

Table A1: Alternative names and their synonyms in the Approved Methods table

Alternative analyte name	Analyte name in Approved Methods table
TKN	Total Kjeldahl nitrogen
TKN-N	Total Kjeldahl nitrogen
TN	Nitrogen (total)
TOC	Total organic carbon
Total aluminium	Aluminium (acid extractable)
Total cadmium	Cadmium (acid extractable)
Total chromium	Chromium (acid extractable)
Total copper	Copper (acid extractable)
Total cyanide	Cyanide (total)
Total iron	Iron (acid extractable)
Total lead	Lead (acid extractable)
Total manganese	Manganese (acid extractable)
Total nitrogen	Nitrogen (total)
Total PAHs	Polynuclear aromatic hydrocarbons
Total phosphorus	Phosphorus (total)
Total phosphorus—filtered	Phosphorus (total dissolved)
Total phosphorus—unfiltered	Phosphorus (total)
Total residual chlorine	Chlorine (total residual)
Total zinc	Zinc (acid extractable)
TP	Phosphorus (total)
TRC	Chlorine (total residual)
Trivalent chromium	Chromium (trivalent)
TSS	Total suspended solids
Vanadium	Vanadium (acid extractable)
WAD cyanide	Cyanide (weak acid dissociable)
% Water-stable aggregates	Aggregate stability
WSA—Water-stable aggregates	Aggregate stability
Zinc	Zinc (acid extractable)

Table A2: Names of analytes, as listed in the Approved Methods table, and their common alternative names

Analyte name in Approved Methods table	Alternative analyte name
Anionic surfactants	Methylene blue active substances
Acrylonitrile	Acrylonitrile (2-propenenitrile)
Alkalinity (bicarbonate)	Bicarbonate
Alkalinity (total)	Alkalinity (as calcium carbonate)
Aluminium (acid extractable)	Aluminium, total aluminium
Antimony (acid extractable)	Antimony
Arsenic (acid extractable)	Arsenic
Barium (acid extractable)	Barium
Benzo(ghi)perylene	Benzo(ghl)perylene, benzo(g,h,l)perylene (Note : incorrect names)
Beryllium (acid extractable)	Beryllium
alpha-BHC	а-ВНС
beta-BHC	b-BHC
Biochemical oxygen demand (5-day)	Biochemical oxygen demand, BOD, BOD ₅ , BOD (for the purpose of determining the 3DGM)
Boron (acid extractable)	Boron, boron (total)
Cadmium (acid extractable)	Cadmium, total cadmium
Calcium (acid extractable)	Calcium
Chemical oxygen demand	COD
Chlorine (combined residual)	Chloramines
Chlorine (free residual)	Chlorine, FRC, free residual chlorine
Chlorine (total residual)	TRC, total residual chlorine
1-Chloronaphthalene	Chloronaphthalene(1)
Chromium (acid extractable)	Chromium (total), total chromium
Chromium (hexavalent)	Chromium (VI) compounds, hexavalent chromium
Chromium (trivalent)	Chromium (III) compounds, trivalent chromium
Conductivity	Salt [load calculation protocol only]
Copper (acid extractable)	Copper, total copper
Cyanide (free)	Free cyanide
Cyanide (total)	Total cyanide
Cyanide (weak acid dissociable)	WAD cyanide
4,4'-DDD	DDD, <i>p,p'</i> -DDD, <i>p,p'</i> -DDD (4,4)

Table A2: Names of analytes, as listed in the Approved Methods table, and their common alternative names

4'-DDE 4'-DDT	DDE, <i>p,p</i> '-DDE, <i>p,p</i> '-DDE (4,4) DDT, <i>p,p</i> '-DDT, <i>p,p</i> '-DDT (4,4)
4′-DDT	DDT n n'-DDT n n'-DDT (4 4)
	221, p,p 221, p,p 221 (1,1)
2-Dichlorobenzene	o-Dichlorobenzene
3'-Dichlorobenzidine	Dichlorobenzidine
2-Diphenyl hydrazine	Diphenyl hydrazine
issolved organic halogen	AOX, absorbable organic halogens
issolved oxygen	DO
TPA	Diethylenetriaminepentaacetic acid pentasodium salt
aecal coliforms	FC, fc,
[exachlorobenzene	Hexachlorobenzene (HCB)
on (acid extractable)	Iron, total iron
on (dissolved)	Filterable iron
on (suspended)	Non-filterable iron
ead (acid extractable)	Lead, total lead
ead (dissolved)	Soluble lead
ead (suspended)	Insoluble lead
indane	gamma-BHC (lindane), g-BHC (lindane)
ithium (acid extractable)	Lithium
lagnesium (acid extractable)	Magnesium
langanese (acid extractable)	Manganese, total manganese
langanese (dissolved)	Filterable manganese
lercury (total)	Mercury, mercury (inorganic)
lethyl azinphos	Guthion (methyl azinphos)
Methyl-4-chlorophenoxyacetic acid	MCPA
Methylphenol	2-Methylphenol (o-cresol)
Methylphenol	3-Methylphenol (m-cresol)
Methylphenol	4-Methylphenol (p-cresol)
olybdenum (acid extractable)	Molybdenum
lickel (acid extractable)	Nickel
litrogen (ammonia)	Nitrogen as ammonia, ammonia, ammonia nitrogen, NH ₃ -N
litrogen (organic)	Organic nitrogen
litrogen (nitrate)	Nitrate
litrogen (nitrite)	Nitrite

Table A2: Names of analytes, as listed in the Approved Methods table, and their common alternative names

Analyte name in Approved Methods table	Alternative analyte name
Nitrogen (total)	Nitrogen, TN, total nitrogen
Nitrogen (total oxidised)	Nitrate + nitrite (oxidised nitrogen)
Organophosphorus pesticides	Organophosphate pesticides
Oxidation-reduction potential	Redox potential
Phosphorus (dissolved reactive)	Orthophosphate, reactive phosphorus, soluble phosphorus
Phosphorus (total)	TP, total phosphorus, total phosphorus— unfiltered
Phosphorus (total dissolved)	Total phosphorus—filtered
Polychlorinated biphenyls	PCBs
Polynuclear aromatic hydrocarbons	Total PAHs
Salinity	Salt [load calculation protocol only]
Silica (acid extractable)	Silicate (SiO ₂)
2,4,5-T	2,4,5-Trichlorophenoxyacetic acid
Total dissolved solids	TDS
Total Kjeldahl nitrogen	TKN, TKN-N
Total organic carbon	TOC
Total suspended solids	TSS
Vanadium (acid extractable)	Vanadium
Aggregate stability	% Water-stable aggregates, WSA—water-stable aggregates
Zinc (acid extractable)	Total zinc, zinc

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:

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PRIVATE ADVERTISEMENTS

COUNCIL NOTICES

BAULKHAM HILLS SHIRE COUNCIL

Roads Act 1993 - Section 39

Closure of Temporary Public Road Linking Victoria Road to Pentonville Parade, Kellyville

THE Baulkham Hills Shire Council hereby advises that pursuant to section 39 of the Roads Act 1993, it intends to close to vehicular traffic the temporary public road linking Victoria Road to Pentonville Parade, Kellyville. The temporary public road is situated on Lot 103, DP 1040983. On publication of this notice the temporary public road ceases to be a public road and the rights of passage and access that previously existed in relation to the road are extinguished. Dated at Castle Hill this 1st day of March 2004. DAVID MEAD, General Manager, Baulkham Hills Shire Council, PO Box 75, Castle Hill, NSW 1765.

CLARENCE VALLEY COUNCIL

Roads Act (General) Regulation 1994

Notice Under Section 7

NOTICE is hereby given that the Council has formally resolved to name the following roads:

Location Name

Eastern section of Watters Road, Old Watters Road. South Grafton.

New road within a subdivision of Kinnear Court. 55 Queen Street, Grafton.

The proposal was advertised for public comment in the Daily Examiner newspaper on 10 January 2004 and no comments were received. KEN BOYLE, General Manager, Clarence Valley Council, Grafton Office, PO Box 24, Grafton. NSW 2460. [0153]

HASTINGS COUNCIL

Roads Act 1993, Section 10

Dedication of Land as Public Road

NOTICE is hereby given that pursuant to section 10 of the Roads Act 1993, the land described in the Schedule below is dedicated as Council public road. B. SMITH, General Manager, Hastings Council, Lord and Burrawan Streets, Port Macquarie, NSW 2444.

Schedule

Lot 48 in Deposited Plan 874058, Parish and County of Macquarie and situate at 159 Hastings River Drive, Port Macquarie. [0172]

NAMBUCCA SHIRE COUNCIL

Roads (General) Regulation 1994

Naming of Public Roads

IN accordance with the Roads (General) Regulation 1994, to the Roads Act 1993, Council resolved to name the unnamed lane off Partridge Street, Macksville, "HARDGES LANE". TOM PORT, General Manager, Nambucca Shire Council, PO Box 177, Macksville, NSW 2447.

[0158]

RIVERINA WATER COUNTY COUNCIL

Local Government Act 1993

Land Acquisition (Just Terms Compensation) Act 1991

Notice of Compulsory Acquisition of Land

THE Riverina Water County Council declares, with the approval of His Excellency the Governor, that the land described in the Schedule below, excluding mines and deposits of minerals within the land, is acquired by compulsory process in accordance with the provisions of the Land Acquisition (Just Terms Compensation) Act 1991, for water supply purposes. Dated at Wagga Wagga this 12th day of March 2004. GERALD W. PIEPER, General Manager, Riverina Water County Council, PO Box 456, Wagga Wagga, NSW 2650.

Schedule

Lot 3, DP 1046794.

[0159]

TWEED SHIRE COUNCIL

Roads Act 1993

Renaming of Public Road

NOTICE is hereby given that the Tweed Shire Council, in pursuance of section 162 of the Roads Act 1993, proposes to rename the following roads which were created in a plan of subdivision at Pottsville:

Current names: To be re-named as:
Robina Drive Hovea Drive
Hollyhock Court Hibbertia Court
Bluebell Avenue Euodia Avenue
Frangipani Close Endiandra Close

Submissions or objections to the proposal may be made within one month from the date of publication of this notice by writing to the GENERAL MANAGER, Tweed Shire Council, PO Box 816, Murwillumbah, NSW 2484 and quoting File No. DA 4917/235. [0156]

TWEED SHIRE COUNCIL

Roads Act 1993, Section 162

Naming of Public Roads

NOTICE is hereby given that the Tweed Shire Council, in pursuance of section 162 of the Roads Act 1993, has approved the name of the road to be dedicated in the plan of subdivision of Lot 3 in DP 1045973 at Kingscliff as "Forest Way" and two roads to be dedicated in the plan of subdivision of Lot 538 in DP 1059141 at Pottsville as "Evans Street" and "Wooli Street". Authorised by the delegated officer. GENERAL MANAGER, Tweed Shire Council, Civic Centre, Tumbulgum Road, Murwillumbah, NSW 2484.

TWEED SHIRE COUNCIL

Roads Act 1993, Section 162

Naming of Public Roads

NOTICE is hereby given that the Tweed Shire Council, in pursuance of section 162 of the Roads Act 1993, has approved the name of the roads to be dedicated in the plan of subdivision of Lot 909 in DP 1052079 at Pottsville as follows:

Brushtail Court Sugar Glider Drive Coucal Street Grey Gum Street **Bandicoot Street**

Lomanda Avenue Marsupial Drive Echidna Street Melia Close

Authorised by the delegated officer. GENERAL MANAGER, Tweed Shire Council, Civic Centre, Tumbulgum Road, Murwillumbah, NSW 2484. [0166]

WOLLONDILLY SHIRE COUNCIL

Naming of Road - Orangeville

AT its ordinary meeting on Monday, 16 February 2004, Council resolved to approve the name JOHN McDONALD WAY, for the new road, which runs off the extension of Nectarbrook Drive, Orangeville. GENERAL MANAGER, Wollondilly Shire Council, 62-64 Menangle Street (PO Box 21), Picton, NSW 2571, tel.: (02) 4677 1326.

[0157]

WYONG SHIRE COUNCIL

Roads Act 1993

Land Acquisition (Just Tems Compensation) Act 1991 Notice of Compulsory Acquisition of Land

THE Wyong Shire Council declares, with the approval of Her Excellency the Governor, that the land described in the Schedule below, excluding mines and deposits of minerals within the land, is acquired by compulsory process in accordance with the provisions of the Land Acquisition (Just Terms Compensation) Act 1991, for the purposes of the Roads Act 1993. Dated at Wyong, 18 June 2003. E. BURGESS for K. Yates, General Manager, Wyong Shire Council, PO Box 20, Wyong, NSW 2259.

Schedule

Lot 2, DP 1044958.

WYONG SHIRE COUNCIL

Local Government Act 1993

Land Acquisition (Just Tems Compensation) Act 1991

Notice of Compulsory Acquisition of Land

THE Wyong Shire Council declares, with the approval of Her Excellency the Governor, that the land described in the Schedule below, excluding mines and deposits of minerals within the land, is acquired by compulsory process in accordance with the provisions of the Land Acquisition (Just Terms Compensation) Act 1991, for the purposes of conservation, car parking youth facility, community health facilities and resale. Dated at Wyong, 2 March 2004. E. BURGESS for K. Yates, General Manager, Wyong Shire Council, PO Box 20, Wyong, NSW 2259.

Schedule

Lot 183, DP 823113.

[0168]

Description of

Amount of

COOLAH SHIRE COUNCIL

Local Government Act 1993

Sale of Land for Overdue Rates

NOTICE is hereby given to the persons named hereunder, that the Council of the Shire of Coolah has resolved, in pursuance of section 713 of the Local Government Act 1993, to sell the land described hereunder of which the persons named appear to be the owners, or in which they appear to have an interest, and on which the amount of rates stated in each case, as at the 1st March 2004, is

Owner or persons Land Amount of Total

having an interest Rates (includingall other in the land extra charges)Rates (including

overdue forextra charges)

more thandue and in

5 years arrears

\$ \$

I. M. TATTERSALL, 347975,

PH Coolah, Lot 2, DP 9732.88

c.o. P. Rawlinson, Coolah Valley Hotel, Coolah, NSW 2843.

9732.88 Area: .08400 hectares.

In respect of each parcel of land, if all rates and charges payable are not paid to Council, or any arrangement satisfactory to Council is not entered into by the rateable persons before the time fixed for the sale, then Council will proceed with the sale. The said land will be offered for sale at a public auction to be held at the Coolah Shire Council Chambers, commencing at 10:30 a.m., on Saturday, 12 June 2004. RAY KENT, General Manager, Coolah Shire [0167] Council, PO Box 120, Coolah, NSW 2843. [0165]

ESTATE NOTICES

NOTICE of intended distribution of estate.—Any person having any claim upon the estate of YVONNE IRENE BLYTHE, late of Allambie Heights, in the State of New South Wales, retired computer data coordinator, who died on 3 November 2003, must send particulars of his/her claim to the executor, Alan Desmond Hickey, c.o. John de Mestre & Co, Solicitors, Level 10, 99 Elizabeth Street, Sydney, NSW 2000, within one (1) calendar month from publication of this notice. After that time the executor may distribute the assets of the estate having regard only to the claims of which at the time of distribution he has notice. Probate was granted in New South Wales on 16 January 2004. JOHN DE MESTRE & CO, Solicitors, Level 10, 99 Elizabeth Street, Sydney, NSW 2000 (DX1224, Sydney), tel.: (02) 9221 3966, Fax: (02) 9221 0166. Reference: ADH:3137.

NOTICE of intended distribution of estate.—Any person having any claim upon the estate of LEO MICHAEL SHUMSKY, late of 3/26 Ozone Street, Cronulla, in the State of New South Wales, who died on 5 July 2003, must send particulars of his claim to the executor, Alexander Krestovsky (in the will spelt Krestovky), c.o. C. P. White & Sons (Burwood), Solicitors, 15 Belmore Street, Burwood, NSW 2134, within one (1) calendar month from publication of this notice. After that time the executor may distribute the assets of the estate having regard only to the claims of which at the time of distribution he has notice. Probate was granted in New South Wales on 17 October 2003. C. P. WHITE & SONS (BURWOOD), Solicitors, 15 Belmore Street, Burwood, NSW 2134 (PO Box 36, Burwood 1805) (DX8550, Burwood), tel.: (02) 9744 2198. [0161]

NOTICE of intended distribution of estate.—Any person having any claim upon the estate of URSULA BURNS COLE (in the will Urusula), late of 9 Faye Street, Seven Hills, in the State of New South Wales, widow, who died on 16 November 2003, must send particulars of his/her claim to the executors, David Gilbert Cole and Rosemary Anne Cole, c.o. Low Doherty & Stratford, Solicitors, 9 Campbell Street, Blacktown, NSW 2148, 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 executors have notice. Probate was granted in New South Wales on 16 February 2004. LOW DOHERTY & STRATFORD, Solicitors, 9 Campbell Street (PO Box 147), Blacktown, NSW 2148 (DX8109, Blacktown), tel.: (02) 9622 4644. [0162]

NOTICE of intended distribution of estate.—Any person having any claim upon the estate of LOLA JEAN CAIRNCROSS, late of Bellevue Hill, in the State of New South Wales, retired, who died on 30 October 2003, must send particulars of their claim to the executor, John Thomas Luckey, c.o. Stephen R W Reed, Solicitor, Level 18, 68 Pitt Street, Sydney, NSW 2000, 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 executor has notice. Probate was granted in New South Wales on 20

February 2004. STEPHEN R W REED, Solicitor, Level 18, 68 Pitt Street, Sydney, NSW 2000 (DX263, Sydney), tel.: (02) 9221 6700. [0163]

NOTICE of intended distribution of estate.—Any person having any claim upon the estate of KENNETH DAWSON BYRNES, late of 96 Cambridge Street, Canley Heights, in the State of New South Wales, retired gentleman, who died on 26 November 2003, must send particulars of his/her claim to the executors, Peter John Byrnes and Neil Ross Byrnes, c.o. Doherty Partners, Solicitors, Level 1, 171 Bigge Street, Liverpool, NSW 2170, 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 executors have notice. Probate was granted in New South Wales on 3 March 2004. DOHERTY PARTNERS, Solicitors, Level 1, 171 Bigge Street, Liverpool, NSW 2170 (PO Box 1163 Liverpool BC 1871) (DX5034, Liverpool), tel.: (02) 9601 7300. [0169]

NOTICE of intended distribution of estate.—Any person having any claim upon the estate of LEONARD HENRY JAMES, late of Mercy Nursing Home, Combo Lane, Singleton, in the State of New South Wales, retired builder, who died on 27 September 2003, must send particulars of his claim to the executor, Ashley Charles James, c.o. F. R. Pope, Solicitor, 22 Stratford Park Drive, Terrigal, NSW 2260, within one (1) calendar month from publication of this notice. After that time the executor may distribute the assets of the estate having regard only to the claims of which at the time of distribution he has notice. Probate was granted in New South Wales on 20 February 2004. F. R. POPE, Solicitor, 22 Stratford Park Drive, Terrigal, NSW 2260, tel.: (02) 4365 2641.

NOTICE of intended distribution of estate.—Any person having any claim upon the estate of DANIEL JOHN DALY, late of Collaroy Plateau, in the State of New South Wales, retired, who died on 5 January 2004, must send particulars of his claim to the executors, c.o. Rees & Tuckerman, Solicitors, 678 Pittwater Road, Brookvale, NSW 2100, within one (1) calendar month from publication of this notice. After that time the executors may distribute the assets of the estate having regard only to the claims of which at the time of distribution they have notice. Probate was granted in New South Wales to Leonard Joseph Daly and Anne Josephine Monaghan on 26 February 2004. REES & TUCKERMAN, Solicitors, 678 Pittwater Road (PO Box 34), Brookvale, NSW 2100 (DX831, Sydney), tel.: (02) 9905 1469. [0171]

COMPANY NOTICES

NOTICE of members' voluntary liquidation.—WADE HOLDINS PTY LIMITED, ACN 009 783 484.—Notice is hereby given that at an extraordinary general meeting of the abovenamed company, held on the 2nd day of March 2004, the following special resolution was duly passed: "That the company be wound up voluntarily". On the same day pursuant to section 495(1), Shirley Ann Maurer was appointed as liquidator. Dated this 2nd day of March 2004. SHIRLEY ANN MAURER, Liquidator, c.o. MESSRS ROBERTS & MORROW, Chartered Accountants, 137 Beardy Street (PO Box 112), Armidale, NSW 2350, tel.: (02) 6774 8400.