

# *Government Gazette*

of the State of

New South Wales

**Number 52**

**Friday, 25 May 2018**

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**GOVERNMENT NOTICES**  
**Miscellaneous Instruments**

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# Motor Accident Permanent Impairment Guidelines

Effective from 1 June 2018

These Guidelines apply to  
motor accidents that  
occurred between  
5 October 1999 and  
30 November 2017



# General introduction to the Permanent Impairment Guidelines

These Motor Accident Permanent Impairment Guidelines (these Guidelines) are issued by State Insurance Regulatory Authority (SIRA). They apply to motor accidents occurring between 5 October 1999 and 30 November 2017 (inclusive), and are Motor Accidents Medical Guidelines issued under section 44(1)(c) of the *Motor Accidents Compensation Act 1999* (the MAC Act).

These Guidelines replace the *Permanent Impairment Guidelines – Guidelines for the assessment of permanent impairment of a person injured as a result of a motor vehicle accident*, issued by the Motor Accidents Authority and published in the NSW Government Gazette number 90 of 13 July 2007 at page 4581.

Under the MAC Act, damages for non-economic loss can only be awarded where the permanent impairment is greater than 10% and is the result of an injury caused by a motor accident. The assessment of the degree of permanent impairment of an injured person is to be made in accordance with these Guidelines.

These Guidelines are based on the American Medical Association's *Guides to the Evaluation of Permanent Impairment, Fourth Edition* (third printing, 1995) (AMA4 Guides). The AMA4 Guides are widely used as an authoritative source for the assessment of permanent impairment, however these Guidelines make significant changes to the AMA4 Guides to align them with Australian clinical practice and to better suit the purposes of the MAC Act.

These Guidelines commence on 1 June 2018.

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# Permanent impairment

## Introduction

- 1.1 These Motor Accident Permanent Impairment Guidelines have been developed for the purpose of assessing the degree of permanent impairment arising from the injury caused by a motor accident, in accordance with Section 133(2)(a) of the *Motor Accidents Compensation Act 1999 (NSW)* (the Act).
- 1.2 These Guidelines are based on the American Medical Association's *Guides to the Evaluation of Permanent Impairment, Fourth Edition* (third printing, 1995) (AMA4 Guides). However, there are some very significant departures from that document in these Guidelines. A medical assessor undertaking impairment assessments for the purposes of the Act must read these Guidelines in conjunction with the AMA4 Guides. These Guidelines are definitive with regard to the matters they address. Where they are silent on an issue, the AMA4 Guides should be followed. In particular, chapters 1 and 2 of the AMA4 Guides should be read carefully in conjunction with clauses 1.1 to 1.46 of these Guidelines. Some of the examples in the AMA4 Guides are not valid for the assessment of impairment under the Act. It may be helpful for medical assessors to mark their working copy of the AMA4 Guides with the changes required by these Guidelines.

## Application of these Guidelines

- 1.3 These Guidelines apply under the Act to the assessment of the degree of permanent impairment that has resulted from an injury caused by a motor accident occurring between 5 October 1999 and 30 November 2017 (inclusive).
- 1.4 For accidents that occurred on or after 1 December 2017, 'Part 6 of the Motor Accident Guidelines: Permanent impairment' apply, as published by the State Insurance Regulatory Authority (the Authority).

## Causation of injury

- 1.5 An assessment of the degree of permanent impairment is a medical assessment matter under Section 58 (1)(d) of the Act. The assessment must determine the degree of permanent impairment of the injured person as a result of the injury caused by the motor accident. A determination as to whether the injured person's impairment is related to the accident in question is therefore implied in all such assessments. Medical assessors must be aware of the relevant provisions of the AMA4 Guides, as well as the common law principles that would be applied by a court (or claims assessor) in considering such issues.
- 1.6 Causation is defined in the Glossary at page 316 of the AMA4 Guides as follows:  
  
'Causation means that a physical, chemical or biologic factor contributed to the occurrence of a medical condition. To decide that a factor alleged to have caused or contributed to the occurrence or worsening of a medical condition has, in fact, done so, it is necessary to verify both of the following:

1. The alleged factor *could have caused* or contributed to worsening of the impairment, which is a medical determination.
2. The alleged factor *did cause* or contribute to worsening of the impairment, which is a non-medical determination.’

This, therefore, involves a medical decision and a non-medical informed judgement.

- 1.7 There is no simple common test of causation that is applicable to all cases, but the accepted approach involves determining whether the injury (and the associated impairment) was caused or materially contributed to by the motor accident. The motor accident does not have to be a sole cause as long as it is a contributing cause, which is more than negligible. Considering the question ‘Would this injury (or impairment) have occurred if not for the accident?’ may be useful in some cases, although this is not a definitive test and may be inapplicable in circumstances where there are multiple contributing causes.

## Impairment and disability

- 1.8 It is critically important to clearly define the term *impairment* and distinguish it from the disability that may result.
- 1.9 Impairment is defined as an alteration to a person’s health status. It is a deviation from normality in a body part or organ system and its functioning. Hence, impairment is a medical issue and is assessed by medical means.
- 1.10 This definition is consistent with that of the World Health Organisation’s (WHO) *International Classification of Impairments, Disabilities & Handicaps*, Geneva 1980, which has defined impairment as ‘any loss or abnormality of psychological, physiological or anatomical structure or function’.
- 1.11 Disability, on the other hand, is a consequence of an impairment. The WHO definition is ‘any restriction or lack of ability to perform an activity in the manner or within the range considered normal for a human being’.
- 1.12 Confusion between the two terms can arise because in some instances the clearest way to measure an impairment is by considering the effect on a person’s activities of daily living (that is, on the consequent disability). The AMA4 Guides, in several places, refer to restrictions in the activities of daily living of a person. Hence the disability is being used as an indicator of severity of impairment.
- 1.13 Where alteration in activities of daily living forms part of the impairment evaluation, for example when assessing brain injury or scarring, refer to the ‘Table of activities of daily living’ on page 317 of the AMA4 Guides. The medical assessor should explain how the injury impacts on activities of daily living in the impairment evaluation report.
- 1.14 Two examples may help emphasise the distinction between impairment and disability:
- 1.14.1 The loss of the little finger of the right hand would be an equal impairment for both a bank manager and a concert pianist and so, for these Guidelines, the impairment is identical. But the concert pianist has sustained a greater disability.
  - 1.14.2 An upper arm injury might make it impossible for an injured person to contract the fingers of the right hand. That loss of function is an impairment. However, the consequences of that impairment, such as an inability to hold a cup of coffee or button up clothes, constitute a disability.



- 1.15 A handicap is a further possible consequence of an impairment or disability, being a disadvantage that limits or prevents fulfilment of a role that is/was normal for that individual. The concert pianist in the example above is likely to be handicapped by their impairment.
- 1.16 It must be emphasised, in the context of these Guidelines, that it is not the role of the medical assessor to determine disability, other than as described in clause 1.12 above.

## Evaluation of impairment

- 1.17 The medical assessor must evaluate the available evidence and be satisfied that any impairment:
- 1.17.1 is an impairment arising from an injury caused by the accident, and
- 1.17.2 is an impairment as defined in clause 1.9 above.
- 1.18 An assessment of the degree of permanent impairment involves three stages:
- 1.18.1 a review and evaluation of all the available evidence including:
- medical evidence (doctors', hospitals' and other health practitioners' notes, records and reports)
  - medico-legal reports
  - diagnostic findings
  - other relevant evidence
- 1.18.2 an interview and a clinical examination, wherever possible, to obtain the information specified in these Guidelines and the AMA4 Guides necessary to determine the percentage impairment, and
- 1.18.3 the preparation of a certificate using the methods specified in these Guidelines that determines the percentage of permanent impairment, including the calculations and reasoning on which the determination is based. The applicable parts of these Guidelines and the AMA4 Guides should be referenced.

## Permanent impairment

- 1.19 Before an evaluation of permanent impairment is undertaken, it must be shown that the impairment has been present for a period of time, and is static, well stabilised and unlikely to change substantially regardless of treatment. The AMA4 Guides (page 315) state that permanent impairment is impairment that has become static or well stabilised with or without medical treatment and is not likely to remit despite medical treatment. A permanent impairment is considered to be unlikely to change substantially (i.e. by more than 3% whole person impairment (WPI) in the next year with or without medical treatment. If an impairment is not permanent, it is inappropriate to characterise it as such and evaluate it according to these Guidelines.

- 1.20 Generally, when an impairment is considered permanent, the injuries will also be stabilised. However, there could be cases where an impairment is considered permanent because it is unlikely to change in future months regardless of treatment, but the injuries are not stabilised because future treatment is intended and the extent of this is not predictable. For example, for an injured person who suffers an amputation or spinal injury, the impairment is permanent and may be able to be assessed soon after the injury as it is not expected to change regardless of treatment. However, the injuries may not be stabilised for some time as the extent of future treatment and rehabilitation is not known.
- 1.21 The evaluation should only consider the impairment as it is at the time of the assessment.
- 1.22 The evaluation must not include any allowance for a predicted deterioration, such as osteoarthritis in a joint many years after an intra-articular fracture, as it is impossible to be precise about any such later alteration. However, it may be appropriate to comment on this possibility in the impairment evaluation report.

## Non-assessable injuries

- 1.23 Certain injuries may not result in an assessable impairment covered by these Guidelines and the AMA4 Guides. For example, uncomplicated healed sternal and rib fractures do not result in any assessable impairment.

## Impairments not covered by these Guidelines and the AMA4 Guides

- 1.24 A condition may present that is not covered in these Guidelines or the AMA4 Guides. If objective clinical findings of such a condition are present, indicating the presence of an impairment, then assessment by analogy to a similar condition is appropriate. The medical assessor must include the rationale for the methodology chosen in the impairment evaluation report.

## Adjustment for the effects of treatment or lack of treatment

- 1.25 The results of past treatment (for example, operations) must be considered since the injured person is being evaluated as they present at the time of assessment.
- 1.26 Where the effective long-term treatment of an injury results in apparent, substantial or total elimination of a physical permanent impairment, but the injured person is likely to revert to the fully impaired state if treatment is withdrawn, the medical assessor may increase the percentage of WPI by 1%, 2% or 3% WPI. This percentage must be combined with any other impairment percentage using the 'Combined values' chart (pages 322–324, AMA4 Guides). An example might be long-term drug treatment for epilepsy. This clause does not apply to the use of analgesics or anti-inflammatory drugs for pain relief.
- 1.27 For adjustment for the effects of treatment on a permanent psychiatric impairment, refer to clauses [1.222](#) to [1.224](#) under 'Mental and behavioural disorders' within these Guidelines.
- 1.28 If an injured person has declined a particular treatment or therapy that the medical assessor believes would be beneficial, this should not change the impairment estimate. However, a comment on the matter should be included in the impairment evaluation report.

- 1.29 Equally, if the medical assessor believes substance abuse is a factor influencing the clinical state of the injured person, a comment on the matter should be included in the impairment evaluation report.

## Adjustment for the effects of prostheses or assistive devices

- 1.30 Whenever possible, the impairment assessment should be conducted without assistive devices, except where these cannot be removed. The visual system must be assessed in accordance with clauses [1.242](#) to [1.243](#) in these Guidelines.

## Pre-existing impairment

- 1.31 The evaluation of the permanent impairment may be complicated by the presence of an impairment in the same region that existed before the relevant motor accident. If there is objective evidence of a pre-existing symptomatic permanent impairment in the same region at the time of the accident, then its value must be calculated and subtracted from the current WPI value. If there is no objective evidence of the pre-existing symptomatic permanent impairment, then its possible presence should be ignored.
- 1.32 The capacity of a medical assessor to determine a change in physical impairment will depend upon the reliability of clinical information on the pre-existing condition. To quote the AMA4 Guides (page 10): ‘For example, in apportioning a spine impairment, first the current spine impairment would be estimated, and then impairment from any pre-existing spine problem would be estimated. The estimate for the pre-existing impairment would be subtracted from that for the present impairment to account for the effects of the former. Using this approach to apportionment would require accurate information and data on both impairments.’ Refer to clause [1.218](#) for the approach to a pre-existing psychiatric impairment.
- 1.33 Pre-existing impairments should not be assessed if they are unrelated or not relevant to the impairment arising from the motor accident.

## Subsequent injuries

- 1.34 The evaluation of permanent impairment may be complicated by the presence of an impairment in the same region that has occurred subsequent to the relevant motor accident. If there is objective evidence of a subsequent and unrelated injury or condition resulting in permanent impairment in the same region, its value should be calculated. The permanent impairment resulting from the relevant motor accident must be calculated. If there is no objective evidence of the subsequent impairment, its possible presence should be ignored.

## Psychiatric impairment

- 1.35 Psychiatric impairment is assessed in accordance with ‘Mental and behavioural disorders’ within these Guidelines.

## Psychiatric and physical impairments

- 1.36 Impairment resulting from a physical injury must be assessed separately from the impairment resulting from a psychiatric or psychological injury.

- 1.37 When determining whether the degree of permanent impairment of the injured person resulting from the motor accident is greater than 10%, the impairment rating for a physical injury cannot be combined with the impairment rating for a psychiatric or psychological injury.

## Pain

- 1.38 Some tables require the pain associated with a particular neurological impairment to be assessed. Because of the difficulties of objective measurement, medical assessors must not make separate allowance for permanent impairment due to pain, and Chapter 15 of the AMA4 Guides must not be used. However, each chapter of the AMA4 Guides includes an allowance for associated pain in the impairment percentages.

## Rounding up or down

- 1.39 The AMA4 Guides (page 9) permit (but do not require) that a final WPI may be rounded to the nearest percentage ending in 0 or 5. This could cause inconsistency between two otherwise identical assessments. For this reason, medical assessors must not round WPI values at any point of the assessment process. During the impairment calculation process, however, fractional values might occur when evaluating the regional impairment (for example, an upper extremity impairment value of 13.25%) and this should be rounded (in this case to 13%). WPI values can only be integers (not fractions).

## Consistency

- 1.40 Tests of consistency, such as using a goniometer to measure range of motion, are good but imperfect indicators of the injured person's efforts. The medical assessor must use the entire gamut of clinical skill and judgement in assessing whether or not the results of measurements or tests are plausible and relate to the impairment being evaluated. If, in spite of an observation or test result, the medical evidence appears not to verify that an impairment of a certain magnitude exists, the medical assessor should modify the impairment estimate accordingly, describe the modification and outline the reasons in the impairment evaluation report.
- 1.41 Where there are inconsistencies between the medical assessor's clinical findings and information obtained through medical records and/or observations of non-clinical activities, the inconsistencies must be brought to the injured person's attention; for example, inconsistency demonstrated between range of shoulder motion when undressing and range of active shoulder movement during the physical examination. The injured person must have an opportunity to confirm the history and/or respond to the inconsistent observations to ensure accuracy and procedural fairness.

## Assessment of children

- 1.42 The determination of the degree of permanent impairment in children may be impossible in some instances due to the natural growth and development of the child (examples are injuries to growth plates of bones or brain damage). In some cases, the effects of the injury may not be considered permanent and the assessment of permanent impairment may be delayed until growth and development is complete.

## Additional investigations

- 1.43 The injured person who is being assessed should attend with radiological and medical imaging. It is not appropriate for a medical assessor to order additional investigations such as further spinal imaging.
- 1.44 There are some circumstances where testing is required as part of the impairment assessment; for example, respiratory; cardiovascular; ophthalmology; and ear, nose and throat (ENT). In these cases, it is appropriate to conduct the prescribed tests as part of the assessment.

## Combining values

- 1.45 In general, when separate impairment percentages are obtained for various impairments being assessed, these are not simply added together, but must be combined using the ‘Combined values’ chart (pages 322–324, AMA4 Guides). This process is necessary to ensure the total whole person or regional impairment does not exceed 100% of the person or region. The calculation becomes straightforward after working through a few examples (for instance, page 53 of the AMA4 Guides). Note however, that in a few specific instances, for example for ranges of motion of the thumb joints (AMA4 Guides, page 16), the impairment values are directly added. Multiple impairment scores should be treated precisely as the AMA4 Guides or these Guidelines instruct.

## Lifetime Care & Support Scheme

- 1.46 An injured person who has been accepted as a lifetime participant of the Lifetime Care & Support Scheme under [Section 9](#) of the *Motor Accidents (Lifetime Care and Support) Act 2006 (NSW)* has a degree of permanent impairment greater than 10%.

# Upper extremity

## Introduction

- 1.47 The hand and upper extremity are discussed in Section 3.1 of Chapter 3 of the AMA4 Guides (pages 15–74). This section provides guidance on methods of assessing permanent impairment involving the upper extremity. It is a complex section that requires an organised approach with careful documentation of findings.

## Assessment of the upper extremity

- 1.48 Assessment of the upper extremity involves a physical evaluation that can use a variety of methods. The assessment, in these Guidelines, does not include a cosmetic evaluation, which should be done with reference to ‘Other body systems’ within these Guidelines and Chapter 13 of the AMA4 Guides.
- 1.49 The assessed impairment of a part or region can never exceed the impairment due to amputation of that part or region. For an upper limb, therefore, the maximum evaluation is 60% WPI.

- 1.50 Although range of motion appears to be a suitable method for evaluating impairment, it can be subject to variation because of pain during motion at different times of examination and/or a possible lack of cooperation by the person being assessed. Range of motion is assessed as follows:
- 1.50.1 A goniometer should be used where clinically indicated.
  - 1.50.2 Passive range of motion may form part of the clinical examination to ascertain clinical status of the joint, but impairment should only be calculated using active range of motion measurements.
  - 1.50.3 If the medical assessor is not satisfied that the results of a measurement are reliable, active range of motion should be measured with at least three consistent repetitions.
  - 1.50.4 If there is inconsistency in range of motion, then it should not be used as a valid parameter of impairment evaluation. Refer to clause [1.40](#) of these Guidelines.
  - 1.50.5 If range of motion measurements at examination cannot be used as a valid parameter of impairment evaluation, the medical assessor should then use discretion in considering what weight to give other available evidence to determine if an impairment is present.
- 1.51 If the contralateral uninjured joint has a less than average mobility, the impairment value(s) corresponding with the uninjured joint can serve as a baseline and are subtracted from the calculated impairment for the injured joint only if there is a reasonable expectation that the injured joint would have had similar findings to the uninjured joint before injury. The rationale for this decision must be explained in the impairment evaluation report.
- 1.52 When using clause [1.51](#) above, the medical assessor must subtract the total upper extremity impairment (UEI) for the uninjured joint from the total UEI for the injured joint. The resulting percentage UEI is then converted to WPI. Where more than one joint in the upper limb is injured and clause [1.51](#) is used, clause [1.51](#) must be applied to each joint.
- 1.53 Figure 1 of the AMA4 Guides (pages 16–17) is extremely useful to document findings and guide assessment of the upper extremity. Note, however, that the final summary part of Figure 1 (pages 16–17, AMA4 Guides) does not make it clear that impairments due to peripheral nerve injuries cannot be combined with other impairments in the upper extremities unless they are separate injuries.
- 1.54 The hand and upper extremity are divided into the regions of the thumb, fingers, wrist, elbow and shoulder. The medical assessor must follow the instructions in Figure 1 (pages 16–17, AMA4 Guides) regarding adding or combining impairments.
- 1.55 Measurements of radial and ulnar deviation must not be rounded to the nearest 10°. The measurement of radial and ulnar deviation must be rounded to the nearest 5° and the appropriate impairment rating read from Figure 29 (page 38, AMA4 Guides).
- 1.56 Table 3 (page 20, AMA4 Guides) is used to convert UEI to WPI. Note that 100% UEI is equivalent to 60% WPI.
- 1.57 If the condition is not in the AMA4 Guides it may be assessed using another like condition. For example, a rotator cuff injury may be assessed by impairment of shoulder range of movement or other disorders of the upper extremity (pages 58–64, AMA4 Guides).

## Specific interpretation of the AMA4 Guides

### Impairment of the upper extremity due to peripheral nerve disorders

- 1.58 If an impairment results solely from a peripheral nerve injury, the medical assessor must not evaluate impairment from Sections 3.1f to 3.1j (pages 24–45, AMA4 Guides). Section 3.1k and subsequent sections must be used for evaluation of such impairment. For peripheral nerve lesions, use Table 15 (page 54, AMA4 Guides) together with Tables 11a and 12a (pages 48–49, AMA4 Guides) for evaluation. Table 16 (page 57, AMA4 Guides) must not be used.
- 1.59 When applying Tables 11a and 12a (pages 48–49, AMA4 Guides), the maximum value for each grade must be used unless assessing complex regional pain syndrome (CRPS).
- 1.60 For the purposes of interpreting Table 11 (page 48, AMA4 Guides), *abnormal sensation* includes disturbances in sensation such as dysaesthesia, paraesthesia and cold intolerance. *Decreased sensibility* includes anaesthesia and hypoaesthesia.

### Impairment of the upper extremity due to CRPS

- 1.61 The section, ‘Causalgia and reflex sympathetic dystrophy’ (page 56, AMA4 Guides) must not be used. These conditions have been better defined since the AMA4 Guides were published. The current terminology is CRPS type I (referring to what was termed *reflex sympathetic dystrophy*) and CRPS type II (referring to what was termed *causalgia*).
- 1.62 For a diagnosis of CRPS at least eight of the following 11 criteria must be present: skin colour is mottled or cyanotic; cool skin temperature; oedema; skin is dry or overly moist; skin texture is smooth and non-elastic; soft tissue atrophy (especially fingertips); joint stiffness and decreased passive motion; nail changes with blemished, curved or talon-like nails; hair growth changes with hair falling out, longer or finer; X-rays showing trophic bone changes or osteoporosis; and bone scan showing findings consistent with CRPS.
- 1.63 When the diagnosis of CRPS has been established, impairment due to CRPS type I is evaluated as follows:
- 1.63.1 Rate the UEI resulting from the loss of motion of each individual joint affected by CRPS.
- 1.63.2 Rate the UEI resulting from sensory deficits and pain according to the grade that best describes the severity of interference with activities of daily living as described in Table 11a (page 48, AMA4 Guides). The maximum value is not applied in this case (clause 1.59 above). The value selected represents the UEI. A nerve multiplier is not used.
- 1.63.3 Combine the upper extremity value for loss of joint motion (clause 1.63.1) with the value for pain and sensory deficits (clause 1.63.2) using the ‘Combined values’ chart (pages 322–324, AMA4 Guides).
- 1.63.4 Convert the UEI to WPI by using Table 3 (page 20, AMA4 Guides).
- 1.64 When the diagnosis of CRPS has been established, impairment due to CRPS type II is evaluated as follows:
- 1.64.1 Rate the UEI resulting from the loss of motion of each individual joint affected by CRPS.



- 1.64.2 Rate the UEI resulting from sensory deficits and pain according to the methods described in Section 3.1k (pages 46–56, AMA4 Guides) and Table 11a (page 48, AMA4 Guides).
- 1.64.3 Rate the UEI upper extremity impairment resulting from motor deficits and loss of power of the injured nerve according to the determination method described in Section 3.1k (pages 46–56, AMA4 Guides) and Table 12a (page 49, AMA4 Guides).
- 1.64.4 Combine the UEI percentages for loss of joint motion (clause [1.64.1](#)), pain and sensory deficits (clause [1.64.2](#)) and motor deficits (clause [1.64.3](#)) using the ‘Combined values’ chart (pages 322–324, AMA4 Guides).
- 1.64.5 Convert the UEI to WPI by using Table 3 (page 20, AMA4 Guides).

### **Impairment due to other disorders of the upper extremity**

- 1.65 Section 3.1m ‘Impairment due to other disorders of the upper extremity, (pages 58–64, AMA4 Guides) should be rarely used in the context of motor accident injuries. The medical assessor must take care to avoid duplication of impairments.
- 1.66 Radiographs for carpal instability (page 61, AMA4 Guides) should only be considered if available, along with the clinical signs.
- 1.67 Strength evaluations and Table 34 (pages 64–65, AMA4 Guides) must not be used as they are unreliable indicators of impairment. Where actual loss of muscle bulk has occurred, the assessment can be completed by analogy, for example with a relevant peripheral nerve injury. Similar principles can be applied where tendon transfers have been performed or after amputation reattachment if no other suitable methods of impairment evaluation are available.

## **Lower extremity**

### **Introduction**

- 1.68 The lower extremity is discussed in Section 3.2 of Chapter 3 in the AMA4 Guides (pages 75–93). This section provides a number of alternative methods of assessing permanent impairment involving the lower extremity. It is a complex section that requires an organised approach. A lower extremity worksheet may be included as provided in these Guidelines at Table 6. Each method should be calculated in lower extremity impairment percentages and then converted to WPI using Table 4 in these Guidelines.

### **Assessment of the lower extremity**

- 1.69 Assessment of the lower extremity involves a physical evaluation that can use a variety of methods. In general, the method that most specifically addresses the impairment should be used. For example, impairment due to a peripheral nerve injury in the lower extremity should be assessed with reference to that nerve rather than by its effect on gait.



- 1.70 There are several different forms of evaluation that can be used as indicated in Sections 3.2a to 3.2m (pages 75–89, AMA4 Guides). Table 5 in these Guidelines indicates which evaluation methods can and cannot be combined for the assessment of each injury. This table can only be used to assess one combination at a time. It may be possible to perform several different evaluations as long as they are reproducible and meet the conditions specified below and in the AMA4 Guides. The most specific method, or combination of methods, of impairment assessment should be used. However, when more than one equally specific method or combination of methods of rating the same impairment is available, the method providing the highest rating should be chosen. Table 6 can be used to assist the process of selecting the most appropriate method(s) of rating lower extremity impairment.
- 1.71 If there is more than one injury in the limb, each injury is to be assessed separately and then the WPIs combined. For example, a fractured tibial plateau and laxity of the medial collateral ligament are separately assessed and their WPI combined.
- 1.72 If the contralateral uninjured joint has a less than average mobility, the impairment value(s) corresponding with the uninjured joint can serve as a baseline and are subtracted from the calculated impairment for the injured joint, only if there is a reasonable expectation that the injured joint would have had similar findings to the uninjured joint before injury. The rationale for this decision must be explained in the impairment evaluation report.
- 1.73 The assessed impairment of a part or region can never exceed the impairment due to amputation of that part or region. For a lower limb, therefore, the maximum evaluation is 40% WPI.
- 1.74 When the ‘Combined values’ chart is used, the medical assessor must ensure that the values all relate to the same system (i.e. WPI or lower extremity impairment or foot impairment). Lower extremity impairment can then be combined with impairments in other parts of the body using the same table and ensuring only WPIs are combined.
- 1.75 Refer to Table 5 to determine which impairments can and cannot be combined.

## Specific interpretation of the AMA4 Guides

### Leg length discrepancy

- 1.76 When true leg length discrepancy is determined clinically (page 75, AMA4 Guides), the method used must be indicated (for example, tape measure from anterior superior iliac spine to medial malleolus). Clinical assessment of leg length discrepancy is an acceptable method, but if computerised tomography films are available they should be used in preference, but only when there are no fixed deformities that would make them clinically inaccurate.
- 1.77 Table 35 (page 75, AMA4 Guides) must have the element of choice removed such that impairments for leg length should be read as the higher figure of the range quoted, being 0, 3, 5, 7 or 8 for WPI, or 0, 9, 14, 19 or 20 for lower limb impairment.

### Gait derangement

- 1.78 Assessment of impairment based on gait derangement should be used as the method of last resort (pages 75–76, AMA4 Guides). Methods most specific to the nature of the disorder must always be used in preference. If gait derangement is used, it cannot be combined with any other impairment evaluation in the lower extremity. It can only be used if no other valid method is applicable, and reasons why it was chosen must be provided in the impairment evaluation report.

- 1.79 The use of any walking aid must be necessary and permanent.
- 1.80 Item b of Table 36 (page 76, AMA4 Guides) is deleted as the Trendelenburg sign is not sufficiently reliable.

### Muscle atrophy (unilateral)

- 1.81 This Section (page 76, AMA4 Guides) is not applicable if the limb other than that being assessed is abnormal (for example, if varicose veins cause swelling, or if there are other injuries).
- 1.82 Table 37 ‘Impairments from leg muscle atrophy’ (page 77, AMA4 Guides) must not be used. Unilateral leg muscle atrophy must be assessed using Table 1(a) and (b) below.

**Table 1(a): Impairment due to unilateral leg muscle atrophy**

**Thigh: The circumference is measured 10 cm above the patella with the knee fully extended and the muscles relaxed.**

Difference in circumference (cm)	Impairment degree	Whole person impairment (%)	Lower extremity impairment (%)
0–0.9	None	0	0
1–1.9	Mild	2	6
2–2.9	Moderate	4	11
3+	Severe	5	12

**Table 1(b): Impairment due to unilateral leg muscle atrophy**

**Calf: The maximum circumference on the normal side is compared with the circumference at the same level on the affected side.**

Difference in circumference (cm)	Impairment degree	Whole person impairment (%)	Lower extremity impairment (%)
0–0.9	None	0	0
1–1.9	Mild	2	6
2–2.9	Moderate	4	11
3+	Severe	5	12

### Manual muscle strength testing

- 1.83 The Medical Research Council (MRC) grades for muscle strength are universally accepted. They are not linear in their application, but ordinal. The descriptions in Table 38 (page 77, AMA4 Guides) are to be used. The results of electrodiagnostic methods and tests are not to be considered in the evaluation of muscle testing, which is performed manually. Table 39 (page 77, AMA4 Guides) is to be used for this method of evaluation.

## Range of motion

- 1.84 Although range of motion (pages 77–78, AMA4 Guides) appears to be a suitable method for evaluating impairment, it can be subject to variation because of pain during motion at different times of examination and/or a possible lack of cooperation by the injured person being assessed. Range of motion is assessed as follows:
- 1.84.1 A goniometer should be used where clinically indicated.
  - 1.84.2 Passive range of motion may form part of the clinical examination to ascertain clinical status of the joint, but impairment should only be calculated using active range of motion measurements.
  - 1.84.3 If the medical assessor is not satisfied that the results of a measurement are reliable, active range of motion should be measured with at least three consistent repetitions.
  - 1.84.4 If there is inconsistency in range of motion, then it should not be used as a valid parameter of impairment evaluation. Refer to clause [1.40](#) of these Guidelines.
  - 1.84.5 If range of motion measurements at examination cannot be used as a valid parameter of impairment evaluation, the medical assessor should then use discretion in considering what weight to give other evidence available to determine if an impairment is present.
- 1.85 Tables 40 to 45 (page 78, AMA4 Guides) are used to assess range of motion in the lower extremities. Where there is loss of motion in more than one direction/axis of the same joint, only the most severe deficit is rated – the ratings for each motion deficit are not added or combined. However, motion deficits arising from separate tables can be combined.

## Ankylosis

- 1.86 For the assessment of impairment when a joint is ankylosed (pages 79–82, AMA4 Guides), the calculation to be applied is to select the impairment if the joint is ankylosed in optimum position and then, if not ankylosed in the optimum position (Table 2), by adding (not combining) the values of WPI using Tables 46–61 (pages 79–82, AMA4 Guides). Note: The example listed under the heading ‘Hip’ on page 79 of the AMA4 Guides is incorrect.

**Table 2: Impairment for ankylosis in the optimum position**

Joint	Whole person (%)	Lower extremity (%)	Ankle or foot (%)
Hip	20	50	–
Knee	27	67	–
Ankle	4	10	14
Foot	4	10	14

- 1.87 Note that the WPI from ankylosis of a joint, or joints, in the lower limb cannot exceed 40% WPI or 100% lower limb impairment. If this figure is exceeded when lower limb impairments are combined, then only 40% can be accepted as the maximum WPI.

## Arthritis

- 1.88 Impairment due to arthritis (pages 82–83, AMA4 Guides) can be assessed by measuring the distance between the subchondral bone ends (joint space) if radiography is performed in defined positions. It indicates the thickness of articular cartilage. No notice is to be taken of other diagnostic features of arthritis such as osteophytes or cystic changes in the bone.
- 1.89 Hip radiography can be done in any position of the hip, but specified positions for the knee and ankle (page 82, AMA4 Guides) must be achieved by the radiographer.
- 1.90 Table 62 (page 83, AMA4 Guides) indicates the impairment assessment for arthritis based on articular cartilage thickness.
- 1.91 If arthritis is used as the basis for impairment assessment in this way, then the rating cannot be combined with gait derangement, muscle atrophy, muscle strength or range of movement assessments. It can be combined with a diagnosis-based estimate (Table 5).
- 1.92 When interpreting Table 62 (page 83, AMA4 Guides), if the articular cartilage interval is not a whole number, round to the higher impairment figure.

## Amputation

- 1.93 Where there has been amputation of part of a lower extremity Table 63 applies (page 83, AMA4 Guides). The references to *3 inches below knee amputation* should be converted to 7.5 centimetres.

## Diagnosis-based estimates (lower extremity)

- 1.94 Section 3.2i (pages 84–88, AMA4 Guides) lists a number of conditions that fit a category of diagnosis-based estimates. They are listed in Table 64 (pages 85–86, AMA4 Guides). It is essential to read the footnotes.
- 1.95 It is possible to combine impairments from Table 64 for diagnosis-based estimates with other injuries (for example, nerve injury) using the ‘Combined values’ chart (pages 322–324, AMA4 Guides).
- 1.96 Pelvic fractures must be assessed using Section 3.4 (page 131, AMA4 Guides). Fractures of the acetabulum should be assessed using Table 64 (pages 85-86, AMA4 Guides).
- 1.97 Residual signs must be present at examination and may include anatomically plausible tenderness, clinically obvious asymmetry, unilateral limitation of hip joint range of motion not associated with fractured acetabulum and/or clear evidence of malalignment.
- 1.98 Where both collateral and cruciate ligament laxity of mild severity is present, these must be assessed separately as 3% WPI for each ligament and then combined, resulting in a total of 6% WPI.
- 1.99 Rotational deformity following tibial shaft fracture must be assessed analogously to Table 64 ‘Tibial shaft fracture, malalignment of’ (page 85, AMA4 Guides).
- 1.100 To avoid the risk of double assessment, if avascular necrosis of the talus is used as the basis for assessment, it cannot be combined with intra-articular fracture of the ankle with displacement or intra-articular fracture of the hind foot with displacement in Table 64, column 1 (page 86, AMA4 Guides).

- 1.101 Tables 65 and 66 (pages 87–88, AMA4 Guides) use a different method of assessment. A point score system is applied, and then the total of points calculated for the hip or knee joint respectively is converted to an impairment rating from Table 64. Tables 65 and 66 refer to the hip and knee joint replacement respectively. Note that while all the points are added in Table 65, some points are deducted when Table 66 is used.
- 1.102 In Table 65 references to *distance walked* under ‘b. Function’, *six blocks* should be construed as being *600 metres*, and *three blocks* being *300 metres*.

### Skin loss (lower extremity)

- 1.103 Skin loss can only be included in the calculation of impairment if it is in certain sites and meets the criteria listed in Table 67 (page 88, AMA4 Guides). Scarring otherwise in the lower extremity must be assessed with reference to ‘Other body systems’ within these Guidelines.

### Impairment of the lower extremity due to peripheral nerve injury

- 1.104 Peripheral nerve injury should be assessed by reference to Section 3.2k (pages 88–89, AMA4 Guides). Separate impairments for the motor, sensory and dysaesthetic components of nerve dysfunction in Table 68 (page 89, AMA4 Guides) are combined.
- 1.105 The posterior tibial nerve is not included in Table 68, but its contribution can be calculated by subtracting common peroneal nerves rating from sciatic nerve rating as shown in Table 3 below. The values in brackets are lower extremity impairment values.

**Table 3: Impairment for selected lower extremity peripheral nerves**

Nerve	Motor %	Sensory %	Dysaesthesia %
Sciatic nerve	30 (75)	7 (17)	5 (12)
Common peroneal nerve	15 (42)	2 (5)	2 (5)
Tibial nerve	15 (33)	5 (12)	3 (7)

- 1.106 Peripheral nerve injury impairments can be combined with other impairments, but not those for muscle strength, gait derangement, muscle atrophy and CRPS, as shown in Table 5. When using Table 68, refer to Tables 11a and 12a (pages 48–49, AMA4 Guides) and clauses [1.58](#), [1.59](#) and [1.60](#) of these Guidelines.

### Impairment of the lower extremity due to CRPS

- 1.107 The Section ‘Causalgia and reflex sympathetic dystrophy’ (page 89, AMA4 Guides) must not be used. These conditions have been better defined since the AMA4 Guides were published. The current terminology is CRPS type I (referring to what was termed *reflex sympathetic dystrophy*) and CRPS type II (referring to what was termed *causalgia*).
- 1.108 When complex CRPS occurs in the lower extremity it must be evaluated as for the upper extremity using clauses [1.61–1.64](#) within these Guidelines.

## **Impairment of the lower extremity due to peripheral vascular disease**

- 1.109 Lower extremity impairment due to peripheral vascular disease is evaluated using Table 69 (page 89, AMA4 Guides). Table 14 (page 198, AMA4 Guides) must not be used. In Table 69, there is a range of lower extremity impairments, not WPI, within each of the classes 1 to 5. Where there is a range of impairment percentages listed, the medical assessor must nominate an impairment percentage based on the complete clinical circumstances revealed during the examination and provide reasons.
- 1.110 Lower extremity impairment values must be converted to WPI using Table 4.

**Table 4: WPI values calculated from lower extremity impairment – % of impairment**

Lower extremity	Whole person	Lower extremity	Whole person	Lower extremity	Whole person	Lower extremity	Whole person
1 =	0	26 =	10	51 =	20	76 =	30
2 =	1	27 =	11	52 =	21	77 =	31
3 =	1	28 =	11	53 =	21	78 =	31
4 =	2	29 =	12	54 =	22	79 =	32
5 =	2	30 =	12	55 =	22	80 =	32
6 =	2	31 =	12	56 =	22	81 =	32
7 =	3	32 =	13	57 =	23	82 =	33
8 =	3	33 =	13	58 =	23	83 =	33
9 =	4	34 =	14	59 =	24	84 =	34
10 =	4	35 =	14	60 =	24	85 =	34
11 =	4	36 =	14	61 =	24	86 =	34
12 =	5	37 =	15	62 =	25	87 =	35
13 =	5	38 =	15	63 =	25	88 =	35
14 =	6	39 =	16	64 =	26	89 =	36
15 =	6	40 =	16	65 =	26	90 =	36
16 =	6	41 =	16	66 =	26	91 =	36
17 =	7	42 =	17	67 =	27	92 =	37
18 =	7	43 =	17	68 =	27	93 =	37
19 =	8	44 =	18	69 =	28	94 =	38
20 =	8	45 =	18	70 =	28	95 =	38
21 =	8	46 =	18	71 =	28	96 =	38
22 =	9	47 =	19	72 =	29	97 =	39
23 =	9	48 =	19	73 =	29	98 =	39
24 =	10	49 =	20	74 =	30	99 =	40
25 =	10	50 =	20	75 =	30	100 =	40

**Table 5: Permissible combinations of lower extremity assessment methods**

	Limb length discrepancy	Gait derangement	Muscle atrophy	Muscle strength	Range of motion or ankylosis	Arthritis	Amputations	Diagnosis-based estimates	Skin loss	Peripheral nerve injuries	CRPS	Vascular disorders
Limb length discrepancy	-	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Gait derangement		-										
Muscle atrophy	✓		-						✓			✓
Muscle strength	✓			-			✓		✓		●	✓
Range of motion or ankylosis	✓				-		✓		✓	✓	●	✓
Arthritis	✓					-	✓	✓	✓	✓	✓	✓
Amputations				✓		✓	-	✓	✓	✓	✓	✓
Diagnosis-based estimates	✓					✓	✓	-	✓	✓	✓	✓
Skin loss	✓		✓	✓	✓	✓	✓	✓	-	✓	✓	✓
Peripheral nerve injuries	✓			✓	✓	✓	✓	✓	✓	-		✓
Complex regional pain syndrome	✓			●	●	✓	✓	✓	✓		-	
Vascular disorders	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		-

**Key:** ✓ You may combine these methods of assessment  
 ● See specific instructions for CRPS in lower extremity

Source: American Medical Association, *The Guides Newsletter*, January/February, 1998, Lower Extremity Section, pages 3/75-3/93, American Medical Association's *Guides to the Evaluation of Permanent Impairment, Fourth Edition*. Organisation – Format © 1992, Randall D. Lea MD, FAADEP. Second Revision Feb 1998, Third Revision March 1999. Anthony J. Dorto, MD, FAADEP. Reprinted with permission of American Academy of Disability Evaluating Physicians, DISABILITY, May 1999, Vol. 8, No. 2



Table 6: Lower extremity worksheet

Line	Impairment	Table	AMA4 page no	Potential impairment	Selected impairment
1	Gait derangement	36	76		
2	Unilateral muscle atrophy	37	77		
3	True muscle weakness	39	77		
4	Range of motion	40–45	78		
5	Joint ankylosis	46–61	79–82		
6	Arthritis	62	83		
7	Amputation	63	83		
8	Diagnosis-based estimates	64	85–86		
9	Limb length discrepancy	35	75		
10	Skin loss	67	88		
11	Peripheral nerve deficit	68	89		
12	Peripheral vascular disease	69	89		
13	Complex regional pain syndrome	See clauses <u>1.107–1.108</u>	AMA4 not used		

Note: For a combined impairment rating, refer to Table 5 for permissible combinations.

# Spine

## Introduction

- 1.111 The spine is discussed in Section 3.3 of Chapter 3 in the AMA4 Guides (pages 94–138). That chapter presents several methods of assessing impairments of the spine. Only the diagnosis-related estimate (DRE) method is to be used for evaluating impairment of the spine, as modified by these Guidelines. The AMA4 Guides use the term *injury model* for this method.
- 1.112 The injury model relies especially on evidence of neurological deficits and uncommon, adverse structural changes, such as fractures and dislocations. Under this model, DREs are differentiated according to clinical findings that are verifiable using standard medical procedures.
- 1.113 The assessment of spinal impairment is made at the time the injured person is examined. If surgery has been performed, then the effect of the surgery, as well as the structural inclusions, must be taken into consideration when assessing impairment. Refer also to clause [1.20](#) in these Guidelines.
- 1.114 Medical assessors must consider whether any pre-existing spinal condition or surgery is related to the motor accident, is symptomatic and whether this would result in any or total apportionment. Where a pre-existing spinal condition, or spinal surgery, is unrelated to the injury from the relevant motor accident, the medical assessor should rely on clause [1.33](#).
- 1.115 The AMA4 Guides use the terms *cervicothoracic*, *thoracolumbar* and *lumbosacral* for the three spine regions. These terms relate to the cervical, thoracic and lumbar regions respectively.

## Assessment of the spine

- 1.116 The range of motion (ROM) model and Table 75 are not to be used for spinal impairment evaluation (pages 112–130, AMA4 Guides).
- 1.117 The medical assessor may consider Table 7 (below) to establish the appropriate category for the spine impairment. Its principal difference from Table 70 (page 108, AMA4 Guides) is the removal of the term *motion segment integrity* wherever it appears (see clause [1.123](#)).

**Table 7: Assessing spinal impairment – DRE category**

Injured person's condition	I	II	III	IV	V
Low back pain, neck pain, back pain or symptoms	I				
Vertebral body compression < 25%		II			
Low back pain or neck pain with guarding or non-verifiable radicular complaints or non-uniform range of motion (dysmetria)		II			
Posterior element fracture, healed, stable, no dislocation or radiculopathy		II			
Transverse or spinous process fracture with displacement of fragment, healed, stable		II			
Low back or neck pain with radiculopathy			III		
Vertebral body compression fracture 25–50%			III		
Posterior element fracture with spinal canal deformity or radiculopathy, stable, healed			III		
Radiculopathy			III		
Vertebral body compression > 50%				IV	V
Multilevel structural compromise				IV	V
Spondylolysis with radiculopathy			III	IV	V
Spondylolisthesis without radiculopathy	I	II			
Spondylolisthesis with radiculopathy			III	IV	V
Vertebral body fracture without radiculopathy		II	III	IV	
Vertebral body fracture with radiculopathy			III	IV	V
Vertebral body dislocation without radiculopathy		II	III	IV	
Vertebral body dislocation with radiculopathy			III	IV	V
Previous spine operation without radiculopathy		II	III	IV	
Previous spine operation with radiculopathy			III	IV	V
Stenosis, facet arthrosis or disease	I	II			
Stenosis, facet arthrosis or disease with radiculopathy			III		

- 1.118 The evaluation must not include any allowance for predicted long-term change. For example, a spinal stenosis syndrome after vertebral fracture or increased back pain due to osteoarthritis of synovial joints after intervertebral disc injury must not be factored in to the impairment evaluation.
- 1.119 All impairments in relation to the spine should be calculated in terms of WPI and assessed in accordance with clauses 1.1 to 1.46 within these Motor Accident Guidelines and Chapter 3.3 of AMA4 Guides.
- 1.120 The assessment should include a comprehensive accurate history, a review of all relevant records available at the assessment, a comprehensive description of the individual's current symptoms, a careful and thorough physical examination and all findings of relevant diagnostic tests available at the assessment. Imaging findings that are used to support the impairment rating should be concordant with symptoms and findings on examination. The medical assessor should record whether diagnostic tests and radiographs were seen or whether they relied on reports.
- 1.121 While imaging and other studies may assist medical assessors in making a diagnosis, it is important to note that the presence of a morphological variation from what is called normal in an imaging study does not make the diagnosis. Several reports indicate that approximately 30% of people who have never had back pain will have an imaging study that can be interpreted as positive for a herniated disc, and 50% or more will have bulging discs. Further, the prevalence of degenerative changes, bulges and herniations increases with advancing age. To be of diagnostic value, imaging findings must be concordant with clinical symptoms and signs, and the history of injury. In other words, an imaging test is useful to confirm a diagnosis, but an imaging result alone is insufficient to qualify for a DRE category.
- 1.122 The medical assessor must include in the report a description of how the impairment rating was calculated, with reference to the relevant tables and/or figures used.

## Specific interpretation of the AMA4 Guides

### Loss of motion segment integrity

- 1.123 The Section 'Loss of motion segment integrity' (pages 98–99, AMA4 Guides) and all subsequent references to it must not be applied, as the injury model (DRE method) covers all relevant conditions.

### Definitions of clinical findings used to place an individual in a DRE category

- 1.124 Definitions of clinical findings, which are used to place an individual in a DRE category are provided in Table 8. A definition of a muscle spasm has been included; however, it is not a clinical finding used to place an individual in a DRE category.

**Table 8: Definitions of clinical findings**

Term	Definition
Atrophy	Atrophy is measured with a tape measure at identical levels on both limbs. For reasons of reproducibility, the difference in circumference should be 2 cm or greater in the thigh and 1 cm or greater in the arm, forearm or calf. The medical assessor can address asymmetry due to extremity dominance in the report. Measurements should be recorded to the nearest 0.5 cm. The atrophy should be clinically explicable in terms of the relevant nerve root affected.
Muscle guarding	Guarding is a contraction of muscle to minimise motion or agitation of the injured or diseased tissue. It is not a true muscle spasm because the contraction can be relaxed. In the lumbar spine, the contraction frequently results in loss of the normal lumbar lordosis, and it may be associated with reproducible loss of spinal motion.
Muscle spasm	Muscle spasm is a sudden, involuntary contraction of a muscle or a group of muscles. Paravertebral muscle spasm is common after acute spinal injury but is rare in chronic back pain. It is occasionally visible as a contracted paraspinal muscle but is more often diagnosed by palpation (a hard muscle). To differentiate true muscle spasm from voluntary muscle contraction, the individual should not be able to relax the contractions. The spasm should be present standing as well as in the supine position and frequently causes scoliosis. The medical assessor can sometimes differentiate spasm from voluntary contraction by asking the individual to place all their weight first on one foot and then the other while the medical assessor gently palpates the paraspinal muscles. With this manoeuvre, the individual normally relaxes the paraspinal muscles on the weight-bearing side. If the medical assessor witnesses this relaxation, it usually means that true muscle spasm is not present.
Non-uniform loss of spinal motion (dysmetria)	<p>Non-uniform loss of motion of the spine in one of the three principle planes is sometimes caused by muscle spasm or guarding. To qualify as true non-uniform loss of motion, the finding must be reproducible and consistent, and the medical assessor must be convinced that the individual is cooperative and giving full effort.</p> <p>When assessing non-uniform loss of range of motion (dysmetria), medical assessors must include all three planes of motion for the cervicothoracic spine (flexion/extension, lateral flexion and rotation), two planes of motion for the thoracolumbar spine (flexion/extension and rotation) and two planes of motion for the lumbosacral spine (flexion/ extension and lateral flexion).</p> <p>Medical assessors must record the range of spinal motion as a fraction or percentage of the normal range such as cervical flexion is 3/4 or 75% of the normal range.</p> <p>Medical assessors must not refer to body landmarks (such as able to touch toes) to describe the available (or observed) motion.</p>
Non-verifiable radicular complaints	Non-verifiable radicular complaints are symptoms (for example, shooting pain, burning sensation, tingling) that follow the distribution of a specific nerve root, but there are no objective clinical findings (signs) of dysfunction of the nerve root (for example, loss or diminished sensation, loss or diminished power, loss or diminished reflexes).
Reflexes	Reflexes may be normal, increased, reduced or absent. For reflex abnormalities to be considered valid, the involved and normal limbs should show marked asymmetry on repeated testing. Abnormal reflexes such as Babinski signs or clonus may be signs of corticospinal tract involvement.

Term	Definition
Sciatic nerve root tension signs	<p>Sciatic nerve tension signs are important indicators of irritation of the lumbosacral nerve roots. While most commonly seen in individuals with a herniated lumbar disc, this is not always the case. In chronic nerve root compression due to spinal stenosis, tension signs are often absent. A variety of nerve tension signs have been described. The most commonly used is the straight leg raising (SLR) test. When performed in the supine position, the hip is flexed with the knee extended. In the sitting position, with the hip flexed 90 degrees, the knee is extended. The test is positive when thigh and/or leg pain along the appropriate dermatomal distribution is reproduced. The degree of elevation at which pain occurs is recorded.</p> <p>Research indicates that the maximum movement of nerve roots occurs when the leg is at an angle of 20 degrees to 70 degrees relative to the trunk. However, this may vary depending on the individual's anatomy. Further, the L4, L5 and S1 nerve roots are those that primarily change their length when straight leg raising is performed.</p> <p>Thus, pathology at higher levels of the lumbar spine is often associated with a negative SLR test. Root tension signs are most reliable when the pain is elicited in a dermatomal distribution. Back pain on SLR is not a positive test. Hamstring tightness must also be differentiated from posterior thigh pain due to root tension.</p>
Weakness and loss of sensation	<p>To be valid, the sensory findings must be in a strict anatomic distribution, i.e. follow dermatomal patterns. Motor findings should also be consistent with the affected nerve structure(s). Significant longstanding weakness is usually accompanied by atrophy.</p>

## Diagnosis-related estimates model

- 1.125 To determine the correct diagnosis-related estimates (DRE) category, the medical assessor may start with Table 7 in these Guidelines, and use this table in conjunction with the DRE descriptors (pages 102–107, AMA4 Guides), as clarified by the definitions in Table 8 above, with the following amendments to pages 102–107 of the AMA4 Guides:
- 1.125.1 *or history of guarding* is deleted from DRE category I for the lumbosacral spine (page 102) and DRE category I for the cervicothoracic spine (page 103)
  - 1.125.2 *no significant...roentgenograms* is deleted from DRE category I for the lumbosacral spine (page 102) and DRE category I for the cervicothoracic spine (page 103) and DRE category I for the thoracolumbar (p106)
  - 1.125.3 *documented or* as it relates to muscle guarding is deleted from DRE category I for the thoracolumbar spine (page 106)
  - 1.125.4 replace that has been observed and documented by a physician with that has been observed and documented by the medical assessor in DRE category II for the lumbosacral spine (page 102)
  - 1.125.5 replace *observed by a physician* with *observed by the medical assessor* in the descriptors for DRE category II for the cervicothoracic spine (page 104) and thoracolumbar spine (page 106)
  - 1.125.6 replace *or displacement* with *with displacement* in the descriptors for DRE category II for the thoracolumbar spine (page 106).
- 1.126 If unable to distinguish between two DRE categories, the higher of those two categories must apply. The inability to differentiate must be noted and explained in the medical assessor's report.
- 1.127 Table 71 (page 109, AMA4 Guides) is not to be used. The definitions of clinical findings in Table 8 should be the criteria by which a diagnosis and allocation of a DRE category are made.

## Applying the DRE method

- 1.128 Section 3.3f 'Specific procedures and directions' (page 101, AMA4 Guides) indicates the steps that should be followed. Table 7 in these Guidelines is a simplified version of that section, and must be interpreted in conjunction with the amendments listed in clause 1.125 above.
- 1.129 DRE I applies when the injured person has symptoms but there are no objective clinical findings by the medical assessor. DRE II applies when there are clinical findings made by the medical assessor, as described in the Sections 'Description and Verification' (pages 102–107, AMA4 Guides) with the amendments in clause 1.125, for each of the three regions of the spine. Note that symmetric loss of movement is not dysmetria and does not constitute an objective clinical finding.
- 1.130 When allocating the injured person to a DRE category, the medical assessor must reference the relevant differentiators and/or structural inclusions.
- 1.131 Separate injuries to different regions of the spine must be combined.
- 1.132 Multiple impairments within one spinal region must not be combined. The highest DRE category within each region must be chosen.



## Loss of structural integrity

- 1.133 The AMA4 Guides (page 99) use the term *structural inclusions* to define certain spine fracture patterns that may lead to significant impairment and yet not demonstrate any of the findings involving differentiators. Some fracture patterns are clearly described in the examples of DRE categories in Sections 3.3g, 3.3h and 3.3i. They are not the only types of injury in which there is a loss of structural integrity of the spine. In addition to potentially unstable vertebral body fractures, loss of structural integrity can occur by purely soft tissue flexion-distraction injuries.

## Spondylolysis and spondylolisthesis

- 1.134 Spondylolysis and spondylolisthesis are conditions that are often asymptomatic and are present in 5–6% of the population. In assessing their relevance the degree of slip (anteroposterior translation) is a measure of the grade of spondylolisthesis and not in itself evidence of loss of structural integrity. To assess an injured person as having symptomatic spondylolysis or spondylolisthesis requires a clinical assessment as to the nature and pattern of the injury, the injured person's symptoms and the medical assessor's findings on clinical examination. Table 8 can be used to allocate spondylolysis or spondylolisthesis to categories I–V depending on the descriptor's clinical findings in the appropriate DRE. The injured person's DRE must fit the description of clinical findings described in Table 8.
- 1.135 Medical assessors should be aware that acute traumatic spondylolisthesis is a rare event.

## Sexual functioning

- 1.136 Sexual dysfunction should only be assessed as an impairment related to spinal injury where there is other objective evidence of spinal cord, cauda equina or bilateral nerve root dysfunction (Table 19, page 149, AMA4 Guides). There is no additional impairment rating for sexual dysfunction in the absence of objective neurological impairment.
- 1.137 Chapter 11 'The urinary and reproductive systems' of the AMA4 Guides should only be used to assess impairment for impotence where there has been a direct injury to the urinary tract. If this occurs the impairment for impotence must be combined with any spine-related WPI. An example is provided in the AMA4 Guides (page 257) where there is a fracture and dissociation of the symphysis pubis and a traumatic disruption of the urethra.

## Radiculopathy

- 1.138 Radiculopathy is the impairment caused by dysfunction of a spinal nerve root or nerve roots. To conclude that a radiculopathy is present two or more of the following signs should be found:
- 1.138.1 loss or asymmetry of reflexes (see the definitions of clinical findings in Table 8 in these Guidelines)
  - 1.138.2 positive sciatic nerve root tension signs (see the definitions of clinical findings in Table 8 in these Guidelines)
  - 1.138.3 muscle atrophy and/or decreased limb circumference (see the definitions of clinical findings in Table 8 in these Guidelines)
  - 1.138.4 muscle weakness that is anatomically localised to an appropriate spinal nerve root distribution
  - 1.138.5 reproducible sensory loss that is anatomically localised to an appropriate spinal nerve root distribution.

- 1.139 Spinal injury causing sensory loss at C2 or C3 must be assessed by firstly using Table 23 page 152 of AMA4, rather than classifying the injury as DRE cervicothoracic category III (radiculopathy). The value must then be combined with the DRE rating for the cervical vertebral injury.
- 1.140 Note that complaints of pain or sensory features that follow anatomical pathways but cannot be verified by neurological findings do not by themselves constitute radiculopathy. They are described as non-verifiable radicular complaints in the definitions of clinical findings (Table 8 in these Guidelines).
- 1.141 Global weakness of a limb related to pain or inhibition or other factors does not constitute weakness due to spinal nerve malfunction.
- 1.142 Electrodiagnostic tests are rarely necessary investigations and a decision about the presence of radiculopathy can generally be made on clinical grounds. The diagnosis of radiculopathy should not be made solely from electrodiagnostic tests.

### Multilevel structural compromise

- 1.143 Multilevel structural compromise (Table 70, page 108, AMA4 Guides) refers to those DREs that are in categories IV and V. It is constituted by *structural inclusion*, which by definition (page 99, AMA4 Guides) is related to *spine fracture patterns* and is different from the differentiators and clinical findings in Table 8.
- 1.144 Multilevel structural compromise is to be interpreted as fractures of more than one vertebra. To provide consistency of interpretation of the meaning of multiple vertebral fractures, the definition of a vertebral fracture includes any fracture of the vertebral body or of the posterior elements forming the ring of the spinal canal (the pedicle or lamina). It does not include fractures of transverse processes or spinous processes, even at multiple levels (see also clause [1.149](#) in these Guidelines).
- 1.145 Multilevel structural compromise also includes spinal fusion and intervertebral disc replacement.
- 1.146 Multilevel structural compromise or spinal fusion across regions is assessed as if it is in one region. The region giving the highest impairment value must be chosen. A fusion of L5 and S1 is considered to be an intervertebral fusion.
- 1.147 A vertebroplasty should be assessed on the basis of the fracture for which it was performed.
- 1.148 Compression fracture: The preferred method of assessing the amount of compression is to use a lateral X-ray of the spinal region with the beam parallel to the disc spaces. If this is not available, a CT scan can be used. Caution should be used in measuring small images as the error rate will be significant unless the medical assessor has the ability to magnify the images electronically. Medical assessors should not rely on the estimated percentage compression reported on the radiology report, but undertake their own measurements to establish an accurate percentage using the following method:
- 1.148.1 The area of maximum compression is measured in the vertebra with the compression fracture.
- 1.148.2 The same area of the vertebrae directly above and below the affected vertebra is measured and an average obtained. The measurement from the compressed vertebra is then subtracted from the average of the two adjacent vertebrae. The resulting figure is divided by the average of the two unaffected vertebrae and turned into a percentage.

- 1.148.3 If there are not two adjacent normal vertebrae, then the next vertebra that is normal and adjacent (above or below the affected vertebra) is used.

The calculations must be documented in the impairment evaluation report.

- 1.149 Fractures of transverse or spinous processes (one or more) with displacement within a spinal region are assessed as DRE category II because they do not disrupt the spinal canal (pages 102, 104, 106, AMA4 Guides) and they do not cause multilevel structural compromise.
- 1.150 One or more end-plate fractures in a single spinal region without measurable compression of the vertebral body are assessed as DRE category II.
- 1.151 In the application of Table 7 regarding multilevel structural compromise:
- 1.151.1 multiple vertebral fractures without radiculopathy are classed as category IV
- 1.151.2 multiple vertebral fractures with radiculopathy are classed as category V.

### **Spinal cord injury**

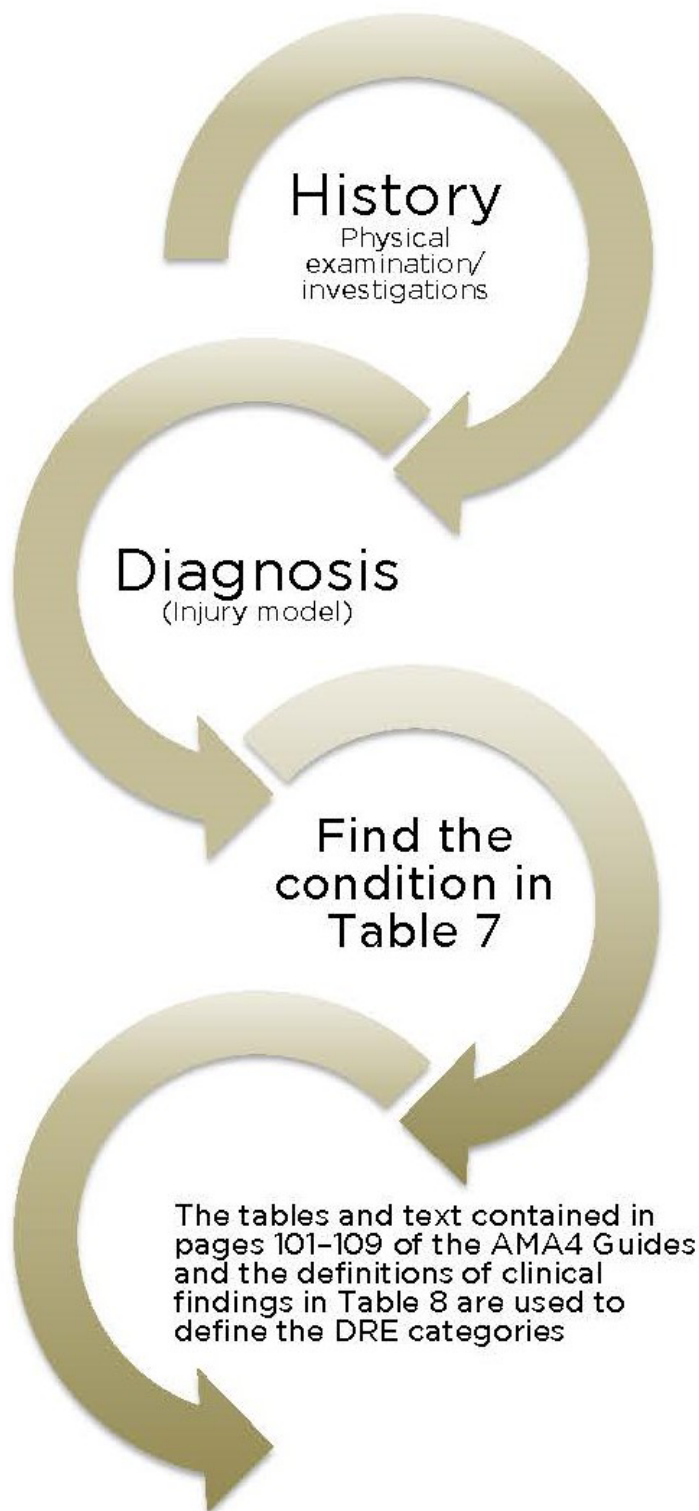
- 1.152 The assessment of spinal cord injury is covered in clause 1.161 in these Guidelines.
- 1.153 Cauda equina syndrome: In the AMA4 Guides this term does not have its usual medical meaning. For the purposes of the AMA4 Guides an injured person with cauda equina syndrome has objectively demonstrated permanent partial loss of lower extremity function bilaterally. This syndrome may have associated objectively demonstrated bowel or bladder impairment.

### **Pelvic fractures**

- 1.154 Pelvic fractures must be assessed using Section 3.4 (page 131, AMA4 Guides). Fractures of the acetabulum must be assessed using Table 64 (pages 85–86, AMA4 Guides).
- 1.155 Multiple fractures of the pelvis must be assessed separately and then combined.

### Figure 1: Spine – summary of spinal DRE assessment

The terms *cervicothoracic*, *thoracolumbar* and *lumbosacral* have been defined in clause 1.115.



# Nervous system

## Introduction

- 1.156 Chapter 4 (pages 139–152, AMA4 Guides) provides guidance on methods of assessing permanent impairment involving the central nervous system. Elements of the assessment of permanent impairment involving the peripheral nervous system can be found in relevant parts of the ‘Upper extremity’, ‘Lower extremity’ and ‘Spine’ sections.
- 1.157 Chapter 4 is logically structured and consistent with the usual sequence of examining the nervous system. Cortical functions are discussed first, followed by the cranial nerves, the brain stem, the spinal cord and the peripheral nervous system.
- 1.158 Spinal cord injuries (SCI) must be assessed using the ‘Nervous system’ and ‘Musculoskeletal system’ chapters of the AMA4 Guides and these Guidelines. See clause 1.161.
- 1.159 The relevant parts of the ‘Upper extremity’, ‘Lower extremity’ and ‘Spine’ chapters of the AMA4 Guides must be used to evaluate impairments of the peripheral nervous system.

## Assessment of the nervous system

- 1.160 The introduction to Chapter 4 ‘Nervous system’ in the AMA4 Guides is ambiguous in its statement about combining nervous system impairments. The medical assessor must consider the categories of:
- 1.160.1 aphasia or communication disorders
  - 1.160.2 mental status and integrative functioning abnormalities
  - 1.160.3 emotional and behavioural disturbances
  - 1.160.4 disturbances of consciousness and awareness (permanent and episodic).
- The medical assessor must select the highest rating from categories 1 to 4. This rating can then be combined with ratings of other nervous system impairments or from other body regions.
- 1.161 A different approach is taken in assessing spinal cord impairment (Section 4.3, pages 147–148, AMA4 Guides). In this case impairments due to this pathology can be combined using the ‘Combined values’ chart (pages 322–324, AMA4 Guides). It should be noted that Section 4.3 ‘Spinal cord’ must be used for motor or sensory impairments caused by a central nervous system lesion. Impairment evaluation of spinal cord injuries should be combined with the associated DRE I–V from Section 3.3 in the ‘Musculoskeletal system’ Chapter (pages 101–107, AMA4 Guides). This section covers hemiplegia due to cortical injury as well as SCI.
- 1.162 Headache or other pain potentially arising from the nervous system, including migraine, is assessed as part of the impairment related to a specific structure. The AMA4 Guides state that the impairment percentages shown in the chapters of the AMA4 Guides make allowance for the pain that may accompany the impairing condition.
- 1.163 The ‘Nervous system’ Chapter of the AMA4 Guides lists many impairments where the range for the associated WPI is from 0% to 9% or 0% to 14%. Where there is a range of impairment percentages listed, the medical assessor must nominate an impairment percentage based on the complete clinical circumstances revealed during the examination and provide reasons.

## Specific interpretation of the AMA4 Guides

### The central nervous system – cerebrum or forebrain

- 1.164 For an assessment of mental status impairment and emotional and behavioural impairment there should be:
- 1.164.1 evidence of a significant impact to the head or a cerebral insult, or that the motor accident involved a high-velocity vehicle impact, and
  - 1.164.2 one or more significant, medically verified abnormalities such as an abnormal initial post-injury Glasgow Coma Scale score, or post-traumatic amnesia, or brain imaging abnormality.
- 1.165 The results of psychometric testing, if available, must be taken into consideration.
- 1.166 Assessment of disturbances of mental status and integrative functioning: Table 9 in these Guidelines – the clinical dementia rating (CDR), which combines cognitive skills and function – must be used for assessing disturbances of mental status and integrative functioning.
- 1.167 When using the CDR the injured person’s cognitive function for each category should be scored independently. The maximum CDR score is 3. Memory is considered the primary category; the other categories are secondary. If at least three secondary categories are given the same numeric score as memory then the CDR = M. If three or more secondary categories are given a score greater or less than the memory score, CDR = the score of the majority of secondary categories unless three secondary categories are scored less than M and two secondary categories are scored greater than M. In this case, then the CDR = M. Similarly if two secondary categories are greater than M, two are less than M and one is the same as M, CDR = M.
- 1.168 In Table 9, ‘Personal care’ (PC) for the level of impairment is the same for a CDR score of 0 and a CDR score of 0.5, being *fully capable of self-care*. In order to differentiate between a personal care CDR score of 0 and 0.5, a rating that best fits with the pattern of the majority of other categories must be allocated. For example, when the personal care rating is *fully capable of self-care* and at least three other components of the CDR are scored at 0.5 or higher, the PC must be scored at 0.5. If three or more ratings are less than 0.5 then a rating of 0 must be assigned. Reasons to support all ratings allocated must be provided.
- 1.169 Corresponding impairment ratings for CDR scores are listed in Table 10 in these Guidelines.
- 1.170 Emotional and behavioural disturbances assessment: Table 3 (page 142, AMA4 Guides) must be used to assess emotional or behavioural disturbances.
- 1.171 Sleep and arousal disorders assessment: Table 6 (page 143, AMA4 Guides) must be used to assess sleep and arousal disorders. The assessment is based on the clinical assessment normally done for clinically significant disorders of this type.
- 1.172 Visual impairment assessment: An ophthalmologist must assess all impairments of visual acuity, visual fields or extra-ocular movements (page 144, AMA4 Guides).
- 1.173 Trigeminal nerve assessment: Sensory impairments of the trigeminal nerve must be assessed with reference to Table 9 (page 145, AMA4 Guides). The words *or sensory disturbance* are added to the table after the words *neuralgic pain* in each instance. Impairment percentages for the three divisions of the trigeminal nerve must be apportioned with extra weighting for the first division (for example, division 1 – 40%, and division 2 and 3 – 30% each). If present, motor loss for the trigeminal nerve must be assessed in terms of its impact on mastication and deglutition (page 231, AMA4 Guides).

- 1.174 As per clause 1.189, regarding bilateral total facial paralysis in Table 4 (page 230, AMA4 Guides) *total* means all branches of the facial nerve.
- 1.175 Sexual functioning assessment: Sexual dysfunction is assessed as an impairment only if there is an associated objective neurological impairment (page 149, AMA4 Guides). This is consistent with clauses 1.136 and 1.137 in these Guidelines.
- 1.176 Olfaction and taste assessment: The assessment of olfaction and taste is covered in clauses 1.192 and 1.193 in these Guidelines.

**Table 9: Clinical dementia rating (CDR)**

Impairment level and CDR score		Questionable 0.5	Mild 1.0	Moderate 2.0	Severe 3.0
Memory (M)	None 0	No memory loss or slight inconsistent forgetfulness	Moderate memory loss; more marked for recent events; defect interferes with everyday activities	Severe memory loss; only highly learned material retained; new material rapidly lost	Severe memory loss; only fragments remain
	Orientation (O)	Fully oriented	Moderate difficulty with time relationships; oriented in place at examination; may have geographic disorientation elsewhere	Severe difficulty with time relationships; usually disoriented to time, often to place	Oriented to person only
Judgement and problem solving (JPS)		Solves everyday problems and handles business and financial affairs well; judgement good in relation to past performance	Moderate difficulty in handling problems, similarities and differences; social judgement usually maintained	Severely impaired in handling problems, similarities and differences; social judgement usually impaired	Unable to make judgements or solve problems
	Community affairs (CA)	Independent function at usual level in job, shopping, volunteer and social groups	Unable to function independently in these activities although may still be engaged in some; appears normal to casual inspection	No pretence of independent function outside home. Appears well enough to be taken to functions outside a family home	No pretence of independent function outside home. Appears too ill to be taken to functions outside a family home
Home and hobbies (HH)		Life at home, hobbies and intellectual interests well maintained	Mild but definite impairment of function at home; more difficult chores abandoned; more complicated hobbies and interests abandoned	Only simple chores preserved; very restricted interests, poorly maintained	No significant function at home
	Personal care (PC)	Fully capable of self-care	Fully capable of self-care* *see clause 1.168	Requires assistance in dressing, hygiene, keeping of personal effects	Requires much help with personal care; frequent incontinence



**Table 10: Criteria for rating impairment related to mental status**

Class 1 1-14% WPI	Class 2 15-29% WPI	Class 3 30-49% WPI	Class 4 50-70% WPI
Impairment exists, but ability remains to perform satisfactorily most activities of daily living remains	Impairment requires direction of some activities of daily living	Impairment requires assistance and supervision for most activities of daily living	Unable to care for self and be safe in any situation without supervision
CDR = 0.5	CDR = 1.0	CDR = 2.0	CDR = 3.0

# Ear, nose and throat, and related structures

## Introduction

- 1.177 Chapter 9 of the AMA4 Guides (pages 223–234) provides guidance on methods of assessing permanent impairment involving the ear, nose and throat, and related structures, including the face.
- 1.178 Chapter 9 discusses the ear, hearing, equilibrium, the face, respiratory (air passage) obstruction, mastication and deglutition, olfaction and taste, and speech. There is potential overlap with other chapters, particularly the nervous system, in these areas.

## Assessment of ear, nose and throat, and related structures

- 1.179 To assess impairment of the ear, nose and throat, and related structures, the injured person must be assessed by the medical assessor. While the assessment may be based principally on the results of audiological or other investigations, the complete clinical picture must be elaborated through direct consultation with the injured person by the medical assessor.

## Specific interpretation of the AMA4 Guides

### Ear and hearing

- 1.180 Ear and hearing (pages 223–224, AMA4 Guides): Tinnitus is only assessable in the presence of hearing loss, and both must be caused by the motor accident. An impairment of up to 5% can be added, not combined, to the percentage binaural hearing impairment before converting to WPI hearing loss if tinnitus is permanent and severe.

### Hearing impairment

- 1.181 Hearing impairment (pages 224–228, AMA4 Guides): Sections 9.1a and 9.1b of the AMA4 Guides are replaced with the following section.
- 1.182 Impairment of an injured person’s hearing is determined according to evaluation of the individual’s binaural hearing impairment.
- 1.183 Hearing impairment must be evaluated when the impairment is permanent. Prosthetic devices (i.e. hearing aids) must not be used during evaluation of hearing sensitivity.
- 1.184 Hearing threshold level for pure tones is defined as the number of decibels above a standard audiometric zero level for a given frequency at which the listener’s threshold of hearing lies when tested in a suitable sound-attenuated environment. It is the reading on the hearing level dial of an audiometer calibrated according to current Australian standards.
- 1.185 Binaural hearing impairment is determined by using the 1988 National Acoustics Laboratory tables ‘Improved procedure for determining percentage loss of hearing’, with allowance for presbycusis according to the presbycusis correction table in the same publication (NAL Report No. 118, National Acoustics Laboratory, Commonwealth of Australia, 1988).

- 1.186 Table 3 (page 228, AMA4 Guides) is used to convert binaural hearing impairment to impairment of the whole person. For example, a person aged 50 with a total unilateral hearing loss in the right ear and no hearing loss in the left ear has 17% binaural hearing impairment less 0% presbycusis correction, which is equivalent to 6% WPI.

## Equilibrium

- 1.187 Assessment of impairment due to disorders of equilibrium (pages 228–229, AMA4 Guides) is dependent on objective findings of vestibular dysfunction. Such data must be available to the medical assessor.
- 1.188 There is an error in the description of classes 3, 4 and 5 in ‘Criteria of vestibular impairment’ (page 229, AMA4 Guides). Class 3 of impairment of vestibular function is associated with a WPI of 11% to 30%. Class 4 is 31% to 60% and class 5, 61% to 95%.

## Face

- 1.189 Facial scarring and disfigurement are assessed separately to scarring elsewhere on the body. This scarring is combined with any other assessment of scarring and/or other permanent impairment assessments. In Table 4 (page 230, AMA4 Guides), *total* means all branches of the facial nerve.
- 1.190 Loss of the entire outer ear is 11% WPI.
- 1.191 The assessment of permanent impairment involving scarring of the face may be undertaken using Chapter 13 ‘The skin’ (pages 279–280, AMA4 Guides) and/or Section 9.2 ‘The face’ (pages 229–230, AMA4 Guides).

## Olfaction and taste

- 1.192 There is a discrepancy in the AMA4 Guides in the treatment of olfaction and taste between the ‘Nervous system’ Chapter (pages 144, 146) and the ‘ENT’ Chapter (pages 231–232). To resolve this difference, the medical assessor may assign a value of WPI from 1% to 5% for loss of sense of taste and a value of WPI from 1% to 5% for loss of sense of olfaction. Where there is a range of impairment percentages listed, the medical assessor must nominate an impairment percentage based on the complete clinical circumstances revealed during the examination and provide reasons.
- 1.193 However, the very rare case of total permanent loss of taste and olfaction is deemed in these Guidelines to constitute greater than 10% permanent impairment.

## Teeth

- 1.194 An impairment assessment for loss of teeth must be done with the injured person wearing their dental prosthesis if this was normal for the injured person before the accident. If, as a result of the motor accident, the injured person required a removable dental prosthesis for the first time, or a different dental prosthesis, the difference should be accounted for in the assessment of permanent impairment.
- 1.195 Damage to the teeth can only be assessed when there is a permanent impact on mastication and deglutition (page 231, AMA4 Guides) and/or loss of structural integrity of the face (pages 229–230, AMA4 Guides).
- 1.196 Where loss of structural integrity occurs as a result of a dental injury, the injury must be assessed for a loss of functional capacity (mastication) and a loss of structural integrity (cosmetic deformity) and any impairment combined.

- 1.197 When using Table 6 ‘Relationship of dietary restrictions to permanent impairment’ (page 231, AMA4 Guides) the first category is to be 0–19%, not 5–19%.
- 1.198 In some cases, it will be necessary to access current dental X-rays to assess permanent impairment.

## Respiration

- 1.199 When Table 5 (page 231, AMA4 Guides) is used for the evaluation of air passage defects, these Guidelines allow 0–5% WPI where there is significant difficulty in breathing through the nose and examination reveals significant partial obstruction of the right and/or left nasal cavity or nasopharynx, or significant septal perforation.

## Speech

- 1.200 When Table 7 ‘Speech impairment criteria’ (page 233, AMA4 Guides) is used, the percentage from the table must be converted to WPI using Table 9 (page 234, AMA4 Guides).

# Mental and behavioural disorders

## Introduction

- 1.201 Psychiatric disorders have complex effects on the individual, and impairment must be assessed by a psychiatrist.
- 1.202 The AMA4 Guides do not give percentages of psychiatric impairment in Chapter 14 (pages 291–302), which deals with mental and behavioural disorders. Medically determinable impairments in thinking, affect, intelligence, perception, judgement and behaviour are difficult to translate into functional limitations.
- 1.203 The assessment of mental and behavioural disorders must be undertaken in accordance with the psychiatric impairment rating scale (PIRS) as set out in these Guidelines. Chapter 14 of the AMA4 Guides (pages 291–302) is to be used for background or reference only.
- 1.204 The PIRS draws heavily on Chapter 14 of the AMA4 Guides.
- 1.205 The AMA4 Guides provide a framework to determine whether a motor accident has caused psychiatric impairment. They bridge the gap between impairment and disability by focusing on four areas or aspects of functioning:
- 1.205.1 activities of daily living (ADL). Three aspects of ADL are used in the PIRS system
  - 1.205.2 social functioning
  - 1.205.3 concentration, persistence and pace
  - 1.205.4 adaptation.
- 1.206 These areas are described in detail on pages 294–295 of the AMA4 Guides.
- 1.207 Activities of daily living include self-care, personal hygiene, communication, ambulation, travel and social and recreational activities.
- 1.208 Social functioning refers to the capacity to get along with others and communicate effectively.

- 1.209 Concentration, persistence and pace is defined as the ability to sustain focused attention, for long enough to permit the timely completion of tasks commonly found in work settings.
- 1.210 Adaptation (also called deterioration or de-compensation in work or work-like settings) refers to the repeated failure to adapt to stressful circumstances.
- 1.211 Impairment is divided into five classes ranging from no impairment to extreme impairment.
- 1.212 Mental and behavioural disorders resulting from an organic brain injury are most suitably assessed as an organic problem under clause 1.156 to 1.176 in these Guidelines.

## Assessment of mental and behavioural disorders

- 1.213 The impairment must be attributable to a psychiatric diagnosis recognised by the current edition of the *Diagnostic & Statistical Manual of Mental Disorders* (DSM) or the current edition of the *International Statistical Classification of Diseases & Related Health Problems* (ICD). The impairment evaluation report must specify the diagnostic criteria on which the diagnosis is based.
- 1.214 Impairment due to physical injury is assessed using different criteria outlined in other parts of these Guidelines.
- 1.215 The PIRS must not be used to measure impairment due to somatoform disorders or pain.
- 1.216 Where cognitive deficits are suspected, the medical assessor must carefully consider the history of the injury, medical treatment and progress through rehabilitation. The medical assessor will also take into account the results of CT and MRI scans, electroencephalograms (EEGs) and psychometric tests.
- 1.217 The scale must be used by a properly trained medical assessor. The psychiatrist's clinical judgement is the most important tool in the application of the scale. The impairment rating must be consistent with a recognised psychiatric diagnosis, and based on the psychiatrist's clinical experience.
- 1.218 In order to measure impairment caused by a specific event, the medical assessor must, in the case of an injured person with a pre-existing psychiatric diagnosis or diagnosable condition, estimate the overall pre-existing impairment using precisely the method set out in this part of these Guidelines, and subtract this value from the current impairment rating.

## The psychiatric impairment rating scale

- 1.219 Behavioural consequences of psychiatric disorders are assessed on six areas of function, each of which evaluates an area of functional impairment:
  - 1.219.1 self-care and personal hygiene (Table 11)
  - 1.219.2 social and recreational activities (Table 12)
  - 1.219.3 travel (Table 13)
  - 1.219.4 social functioning (relationships) (Table 14)
  - 1.219.5 concentration, persistence and pace (Table 15)
  - 1.219.6 adaptation (Table 16).

- 1.220 Impairment in each area of function is rated using class descriptors. Classes range from 1 to 5 according to severity. The standard form (Figure 2) must be used when scoring the PIRS. The classes in each area of function are described through the use of common examples. These are intended to be illustrative rather than literal criteria. The medical assessor should obtain a history of the injured person's pre-accident lifestyle, activities and habits, and then assess the extent to which these have changed as a result of the psychiatric injury. The medical assessor should take into account variations in lifestyle due to age, gender, cultural, economic, educational and other factors.
- 1.221 Where adaptation cannot be assessed by reference to work or a work-like setting, consideration must be given to the injured person's usual pre-injury roles and functions such as caring for others, housekeeping, managing personal/family finances, voluntary work, education/study or the discharge of other obligations and responsibilities.

## Adjustment for the effects of treatment

- 1.222 An adjustment for the effects of prescribed treatment may be made by the medical assessor if all of the following requirements are met:
- 1.222.1 there is research evidence demonstrating that the treatment prescribed is effective for the injured person's diagnosed psychiatric condition
  - 1.222.2 the medical assessor is satisfied that the treatment has been appropriate, for example, medication has been taken in the appropriate dose and duration
  - 1.222.3 there is clear clinical evidence that the treatment has been effective, that is, the injured person's symptoms have improved and/or functioning has improved, and
  - 1.222.4 it is the clinical judgement of the medical assessor that ceasing treatment will result in a deterioration of symptoms and/or a worsening in function.
- 1.223 The medical assessor may increase the percentage of WPI by:
- 1.223.1 0% WPI (no or negligible treatment effect)
  - 1.223.2 1% WPI (a mild treatment effect)
  - 1.223.3 2% WPI (a moderate treatment effect), or
  - 1.223.4 3% WPI (a full remission).
- 1.224 This clause does not apply to the use of analgesics, anti-inflammatory or antidepressant drugs for analgesia or pain management.

**Table 11: Psychiatric impairment rating scale (PIRS)**

Self-care and personal hygiene	
Class 1	No deficit, or minor deficit attributable to normal variation in the general population.
Class 2	Mild impairment. Able to live independently and look after self adequately, although may look unkempt occasionally. Sometimes misses a meal or relies on takeaway food.

Self-care and personal hygiene	
Class 3	Moderate impairment. Cannot live independently without regular support. Needs prompting to shower daily and wear clean clothes. Cannot prepare own meals, frequently misses meals. Family member or community nurse visits (or should visit) 2–3 times per week to ensure minimum level of hygiene and nutrition.
Class 4	Severe impairment. Needs supervised residential care. If unsupervised, may accidentally or purposefully hurt self.
Class 5	Totally impaired. Needs assistance with basic functions, such as feeding and toileting.

**Table 12: Psychiatric impairment rating scale (PIRS)**

Social and recreational activities	
Class 1	No deficit or minor deficit attributable to normal variation in the general population. Able to go out regularly to cinemas, restaurants or other recreational venues. Belongs to clubs or associations and is actively involved with these.
Class 2	Mild impairment. Able to occasionally go out to social events without needing a support person, but does not become actively involved; for example, in dancing, cheering favourite team.
Class 3	Moderate impairment. Rarely goes to social events, and mostly when prompted by family or close friend. Unable to go out without a support person. Not actively involved, remains quiet and withdrawn.
Class 4	Severe impairment. Never leaves place of residence. Tolerates the company of family member or close friend, but will go to a different room or the garden when others visit family or flatmate.
Class 5	Totally impaired. Cannot tolerate living with anybody, extremely uncomfortable when visited by close family member.

**Table 13: Psychiatric impairment rating scale**

Travel	
Class 1	No deficit, or minor deficit attributable to normal variation in the general population. Able to travel to new environments without supervision.
Class 2	Mild impairment. Able to travel without support person, but only in a familiar area such as local shops or visiting a neighbour.
Class 3	Moderate impairment. Unable to travel away from own residence without support person. Problems may be due to excessive anxiety or cognitive impairment.
Class 4	Severe impairment. Finds it extremely uncomfortable to leave own residence even with a trusted person.
Class 5	Totally impaired. Cannot be left unsupervised, even at home. May require two or more persons to supervise when travelling.

**Table 14: Psychiatric impairment rating scale (PIRS)**

Social functioning	
Class 1	No deficit, or minor deficit attributable to normal variation in the general population. No difficulty in forming and sustaining relationships; for example a partner or close friendships lasting years.
Class 2	Mild impairment. Existing relationships strained. Tension and arguments with partner or close family member, loss of some friendships.
Class 3	Moderate impairment. Previously established relationships severely strained, evidenced for example by periods of separation or domestic violence. Partner, relatives or community services looking after children.
Class 4	Severe impairment. Unable to form or sustain long-term relationships. Pre-existing relationships ended; for example, lost partner, close friends. Unable to care for dependants; for example, own children, elderly parent.
Class 5	Totally impaired. Unable to function within society. Living away from populated areas, actively avoids social contact.

**Table 15: Psychiatric impairment rating scale (PIRS)**

Concentration, persistence and pace	
Class 1	No deficit, or minor deficit attributable to normal variation in the general population. Able to operate at previous educational level; for example, pass a TAFE or university course within normal timeframe.
Class 2	Mild impairment. Can undertake a basic retraining course, or a standard course at a slower pace. Can focus on intellectually demanding tasks for up to 30 minutes; for example, then feels fatigued or develops headache.
Class 3	Moderate impairment. Unable to read more than newspaper articles. Finds it difficult to follow complex instructions; for example, operating manuals, building plans, make significant repairs to motor vehicle, type detailed documents, follow a pattern for making clothes, tapestry or knitting.
Class 4	Severe impairment. Can only read a few lines before losing concentration. Difficulties following simple instructions. Concentration deficits obvious even during brief conversation. Unable to live alone, or needs regular assistance from relatives or community services.
Class 5	Totally impaired. Needs constant supervision and assistance within an institutional setting.



**Table 16: Psychiatric impairment rating scale**

Adaptation	
Class 1	No deficit, or minor deficit attributable to normal variation in the general population. Able to work full time. Duties and performance are consistent with injured person's education and training. The injured person is able to cope with the normal demands of the job.
Class 2	Mild impairment. Able to work full time in a different environment. The duties require comparable skill and intellect. Can work in the same position, but no more than 20 hours per week; for example, no longer happy to work with specific persons, work in a specific location due to travel required.
Class 3	Moderate impairment. Cannot work at all in same position as previously. Can perform less than 20 hours per week in a different position, which requires less skill or is qualitatively different; for example, less stressful.
Class 4	Severe impairment. Cannot work more than one or two days at a time, less than 20 hours per fortnight. Pace is reduced, attendance is erratic.
Class 5	Totally impaired. Cannot work at all.

## Calculation of psychiatric impairment

1.225 Rating psychiatric impairment using the PIRS is a three-step procedure:

1.225.1 Determine the median class score.

1.225.2 Calculate the aggregate score.

1.225.3 Convert the median class and aggregate score to % WPI.

1.226 Determining the median class score: Each area of function described in the PIRS is given an impairment rating ranging from class 1 to class 5. The six class scores are arranged in ascending order using the standard form (Figure 2). The median class is then calculated by averaging the two middle scores. For example:

Example	Impairment rating	Median class
A	1, 2, <b>3, 3</b> , 4, 5	= 3
B	1, 2, <b>2, 3</b> , 3, 4	= 2.5 = 3
C	1, 2, <b>3, 5</b> , 5, 5	= 4

If a score falls between two classes, it is rounded up to the next class. A median class score of 2.5 thus becomes 3. The median class score method was chosen as it is not influenced by extremes. Each area of function is assessed separately. While impairment in one area is neither equivalent to nor interchangeable with impairment in other areas, the median seems the fairest way to translate different impairments onto a linear scale.

- 1.227 Calculation of the aggregate score: The aggregate score is used to determine an exact percentage of impairment within a particular class range. The six class scores are added to give the aggregate score.
- 1.228 Converting the median class and aggregate score: The median class and aggregate score are converted to a percentage impairment score using Table 17 ‘Conversion table’.

**Table 17: Conversion table**

	Aggregate score																													
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
Class 1	0	0	1	1	2	2	2	3	3																					
Class 2				4	5	5	6	7	7	8	9	9	10																	
Class 3								11	13	15	17	19	22	24	26	28	30													
Class 4												31	34	37	41	44	47	50	54	57	60									
Class 5																61	65	70	74	78	83	87	91	96	100					

**Conversion table – Explanatory notes**

1. Distribution of aggregate scores:
  - The lowest aggregate score that can be produced is  $1 + 1 + 1 + 1 + 1 + 1 = 6$ .
  - The highest score that can be produced is  $5 + 5 + 5 + 5 + 5 + 5 = 30$ .
  - Table 17 therefore has aggregate scores ranging from 6 to 30.
  - Each median class score has a range of possible aggregate scores and hence a range of possible impairment scores (for example, class 3 = 11% – 30% WPI).
  - Table 17 distributes the impairment percentages across the possible range of aggregate scores.
2. Same aggregate score in different classes:
  - Table 17 shows that the same aggregate score leads to different impairment percentages for different median classes. For example, an aggregate score of 18 is equivalent to an impairment rating of:
    - 10% in class 2
    - 22% in class 3, and
    - 34% in class 4
  - This is because the injured person whose impairment is in median class 2 is likely to have a lower score across most areas of function. The injured person may be significantly impaired in one aspect of their life, such as travel, yet have low impairment in social function, self-care or concentration. In contrast, someone whose impairment reaches median class 4 will experience significant impairment across most aspects of their life.

## Examples

### Example A

List classes in ascending order						Median class value	
1	2	<b>3</b>	<b>3</b>	4	5	3	
Aggregate score						Total	%
1 +	2 +	3 +	3 +	4 +	5	=	18 22% WPI

### Example B

List classes in ascending order						Median class value	
1	2	2	3	3	5	3	
Aggregate score						Total	%
1 +	2 +	2 +	3 +	3 +	5	=	16 17% WPI

### Example C

List classes in ascending order						Median class value	
1	2	<b>3</b>	<b>5</b>	5	5	4	
Aggregate score						Total	%
1 +	2 +	3 +	5 +	5 +	5	=	21 44% WPI

**Figure 2: Psychiatric impairment rating scale – Assessment form**

Psychiatric diagnoses	1.		2.		
	3.		4.		
Psychiatric treatment					
<b>Category</b>	<b>Class</b>	<b>Reason for decision</b>			
Self-care and personal hygiene					
Social and recreational activities					
Travel					
Social functioning					
Concentration, persistence and pace					
Adaptation					
<b>List classes in ascending order</b>				Median class value	
Aggregate score				Total	%
+	+	+	+	+	=
Pre-existing/subsequent impairment? If applicable, determine % as above					
<b>List classes in ascending order</b>				Median class value	
Aggregate score				Total	%
+	+	+	+	+	=
<b>Final % WPI _____</b>					

# Other body systems

## Respiratory system

- 1.229 The system of respiratory impairment classification is based on a combination of forced vital capacity (FVC), forced expiratory volume (FEV1) and diffusing capacity of carbon monoxide (DCO) or measurement of exercise capacity (VO2 max). Chapter 5 (pages 153–167, AMA4 Guides) should be infrequently used in assessing impairment following a motor accident. Healed sternal and rib fractures do not result in any assessable impairment unless they result in a permanent impairment of respiratory function.
- 1.230 Table 8 (page 162, AMA4 Guides) provides the classification of respiratory impairment. A footnote to the table reinforces that conditions other than respiratory disease may reduce maximum exercise capacity and medical assessors must carefully interpret the clinical presentation of the injured person.
- 1.231 The medical assessor must provide a specific percentage impairment for permanent impairment due to respiratory conditions. Table 8 (page 162, AMA4 Guides) must be used to classify the injured person's impairment. Classes 2, 3 and 4 define a range of WPI percentages. The medical assessor must provide a specific percentage impairment within the range for the class that best describes the clinical status of the injured person. Class 2 (10-25% WPI) will need careful consideration.
- 1.232 Use of Tables 2 to 7 (pages 156–161, AMA4 Guides) may give rise to an inaccurate interpretation of lung function and impairment due to age or race. Where appropriate Tables 2 to 7 should be replaced with relevant guidelines from a substantial body of peer-reviewed research literature, which must be referenced.

## Cardiovascular system

### Introduction and assessment of the cardiovascular system

- 1.233 Chapter 6 (pages 169–199, AMA4 Guides) provides a clear explanation of the methods required for the assessment of the cardiovascular system.
- 1.234 The results from all relevant diagnostic tests must be taken into account by the medical assessor, including:
- 1.234.1 ECG (including an exercise ECG)
  - 1.234.2 standard and trans-oesophageal echocardiogram
  - 1.234.3 exercise thallium scan, exercise echo scan
  - 1.234.4 coronary angiograms
  - 1.234.5 operative notes for coronary artery bypass grafts, coronary angioplasty or other surgery
  - 1.234.6 Holter monitoring results
  - 1.234.7 electrodiagnostic studies
  - 1.234.8 serum urea/electrolytes and urinalysis (particularly if hypertensive).

- 1.235 Diagnostic tests should not be ordered by the medical assessor for the purpose of rating impairment. This is in keeping with the approach taken elsewhere in these Guidelines.
- 1.236 Functional classification of cardiovascular system impairments: Table 2 (page 171, AMA4 Guides) should be used as an option if the medical assessor is not sure into which category the injured person should be placed based on specific pathology (refer to Tables 4–12, pages 172–195, AMA4 Guides). Table 2 can be used as a *referee or umpire* if there is doubt about the level of impairment that is obtained using the other recommended tables in this section.
- 1.237 Hypertensive cardiovascular disease (Section 6.4, pages 185–188, AMA4 Guides): This type of cardiovascular disease (Table 9, page 187, AMA4 Guides) requires medical documentation of the hypertension. If the injured person’s illness is controlled with medication, then they might not be assessable under this table. The medical assessor should refer to clauses 1.25–1.29 of these Guidelines.
- 1.238 Vascular diseases affecting the extremities (pages 196–198, AMA4 Guides): Impairments due to upper or lower extremity peripheral vascular disease resulting from vascular trauma must be assessed using the ‘Musculoskeletal’ Chapter of the AMA4 Guides. Tables 13 and 14 (pages 197–198, AMA4 Guides) must not be used.
- 1.239 Impairment scores from Table 17 ‘Impairment of the upper extremity due to peripheral vascular disease’ (page 57, AMA4 Guides) and Table 69 ‘Impairment of the lower extremity due to peripheral vascular disease’ (page 89, AMA4 Guides) must be converted to WPI.

## Haematopoietic system

### Introduction and assessment of the haematopoietic system

- 1.240 Chapter 7 (pages 201–207, AMA4 Guides) will be infrequently used in the motor accident context. The methods of impairment assessment suggested in these Guidelines should be used.
- 1.241 Splenectomy is covered in this chapter (page 205, AMA4 Guides). An injured person with post-traumatic splenectomy must be assessed as having 3% WPI.

## Visual system

### Introduction and assessment of the visual system

- 1.242 The visual system must be assessed by an ophthalmologist. Chapter 8 of the AMA4 Guides (pages 210–222) must be used.
- 1.243 Impairment of vision should be measured with the injured person wearing their corrective spectacles or contact lenses, if it was normal for the injured person to wear them before the motor accident, or if the need for such spectacles has become necessary due to normal physiological changes to the refractive error either in distance or near vision. If as a result of the injury, the injured person has been prescribed corrective spectacles and/or contact lenses for the first time, or different spectacles and/or contact lenses than those prescribed pre-injury, the difference should be accounted for in the assessment of permanent impairment.

## Digestive system

### Introduction and assessment of the digestive system

- 1.244 Assessments must be performed using the methods outlined in Chapter 10 (pages 235–248, AMA4 Guides).
- 1.245 Tables 2 to 7 in Chapter 10 (pages 239–247, AMA4 Guides) give details of the components to be assessed. Examples are given that assist by describing illustrative cases. Note that splenectomy is discussed in the ‘Haematopoietic system’ Chapter.
- 1.246 In Table 2, ‘Classes of impairment of the upper digestive tract’ (page 239, AMA4 Guides), the reference to *Loss of weight below desirable weight does not exceed 10%* in class 2 must be replaced with *Loss of weight below desirable weight (if any) does not exceed 10%*.
- 1.247 Upper digestive tract disease caused by the commencement and ongoing use of anti-inflammatory medications must be assessed as 0-2% WPI class 1 impairment according to Table 2 (page 239, AMA4 Guides). Upper digestive tract disease caused by the use of anti-inflammatory medications resulting in severe and specific signs or symptoms must be assessed as a class 2 impairment according to Table 2 (page 239, AMA4 Guides).
- 1.248 Colonic and/or rectal disease caused by the use of opiate medication must be assessed as 0–2% WPI class 1 impairment according to Table 2 (page 239, AMA4 Guides). Assessment of constipation alone results in 0% WPI.
- 1.249 Table 7 (page 247, AMA4 Guides): In classes 1 and 2 the first criterion must be present, together with the second or third criterion. In class 3, all three criteria must be present.

## Urinary and reproductive systems

### Introduction and assessment of the urinary and reproductive systems

- 1.250 Chapter 11 (pages 249–262, AMA4 Guides) is used for the assessment of urinary and reproductive systems and provides clear methods for assessing impairment in these systems.
- 1.251 For male and female sexual dysfunction, objective pathology should be present for an impairment percentage to be given.
- 1.252 Objective evidence of neurological impairment is necessary to assess incontinence related to spinal injury (AMA4 Guides, Chapter 4, 4.3d). Objective evidence of injury to the bladder and urethra associated with urinary incontinence is necessary to assess urinary incontinence due to trauma (AMA4 Guides, Chapter 11, 11.3 and 11.4)

## Endocrine system

### Introduction and assessment of the endocrine system

- 1.253 Chapter 12 (pages 263–275, AMA4 Guides) is used to assess the endocrine system. Each endocrine organ or system is listed separately.
- 1.254 Where an impairment class defines a range of WPI percentages the medical assessor must define a specific percentage impairment within the range described by the class that best describes the clinical status of the injured person and provide reasons.

- 1.255 Where injury has resulted in fat necrosis in the mammary glands this must be assessed using Chapter 13 ‘The skin’ (pages 278–289, AMA4 Guides).
- 1.256 Section 12.8 ‘Mammary glands’ (page 275, AMA4 Guides) is replaced by these Guidelines. Total loss of one or both mammary glands is deemed to be an impairment of greater than 10% WPI.
- 1.257 Injury to the breast(s) caused by damage to a breast implant(s) must be assessed as class 1, Table 2 (page 280, AMA4 Guides).

## Skin

### Introduction and assessment of the skin

- 1.258 Chapter 13 (pages 277–289, AMA4 Guides) refers to skin diseases generally. In the context of injury, Sections 13.4 ‘Disfigurement’ (page 279, AMA4 Guides) and 13.5 ‘Scars and skin grafts’ are particularly relevant.
- 1.259 The assessment of permanent impairment involving scarring of the face may be undertaken using Chapter 13 ‘The skin’ (pages 279–280, AMA4 Guides) and/or Section 9.2 ‘The face’ (pages 229–230, AMA4 Guides). Criteria for facial impairment are listed on page 229 of the AMA4 Guides. Specific facial disfigurements may also be assessed by reference to Table 4 (page 230, AMA4 Guides).
- 1.260 Disfigurement, scars and skin grafts may be assessed as causing significant permanent impairment when the skin condition causes limitation in performance of activities of daily living. Assessment should include a history that sets out any alterations in activities of daily living. The AMA4 Guides (page 317) contain a table of activities of daily living. Any impairment secondary to severe scarring, such as contracture or nerve damage, is assessed using other chapters and combined with the assessment for scarring.
- 1.261 A scar may be present and rated 0% WPI.
- 1.262 Table 2 (page 280, AMA4 Guides) provides the method of classifying impairment due to skin disorders. Three components – namely signs and symptoms of skin disorder, limitation of activities of daily living and requirements for treatment – define five classes of impairment. Determining which class is applicable is primarily dependent on the impact of the skin disorder on daily activities. The medical assessor must derive a specific percentage impairment within the range described by the class that best describes the clinical status of the injured people. All three criteria must be present. Impairment values are WPI.
- 1.263 When using Table 2 (page 280, AMA4 Guides), the medical assessor is reminded to consider the skin as an organ. The effect of scarring (whether single or multiple) is to be considered as the total effect of the scar on the organ system as it relates to the criteria in Table 2 ‘Table for the evaluation of minor skin impairment’ (TEMSKI). Multiple scars must not be assessed individually. The medical assessor must not add or combine the assessment of individual scars, but assess the total effect of the scarring on the entire organ system.
- 1.264 The TEMSKI (Table 18) is an extension of Table 2 (page 280, AMA4 Guides). The TEMSKI divides class 1 into five categories of impairment. When a medical assessor determines that a skin disorder falls into class 1, they must assess the skin disorder in accordance with the TEMSKI criteria. The medical assessor must evaluate all scars either individually or collectively with reference to the five criteria and 10 descriptors of the TEMSKI. The medical assessor should address all descriptors.



- 1.265 The TEMSKI is to be used in accordance with the principle of *best fit*. The medical assessor must be satisfied that the criteria within the chosen category of impairment best reflect the skin disorder being assessed. The skin disorder should meet most, but does not need to meet all, of the criteria within the impairment category in order to satisfy the principle of best fit. The medical assessor must provide reasons as to why this category has been selected.
- 1.266 Where there is a range of values in the TEMSKI categories, the medical assessor should use clinical judgement to determine the exact impairment value and provide reasons that clearly link their clinical judgement to the impairment value selected.
- 1.267 For the purpose of assessing fat necrosis, Chapter 13 'The skin' (pages 277-289, AMA4 Guides) may be used by analogy where appropriate.

**Table 18: Table for the evaluation of minor skin impairment (TEMSKI)**

Criteria	0% WPI	1% WPI	2% WPI	3-4% WPI	5-9% WPI
Description of the scar(s) and/or skin condition(s) (shape, texture, colour)	Injured person is not conscious or is barely conscious of the scar(s) or skin condition	Injured person is conscious of the scar(s) or skin condition	Injured person is conscious of the scar(s) or skin condition	Injured person is conscious of the scar(s) or skin condition	Injured person is conscious of the scar(s) or skin condition
	Good colour match with surrounding skin and the scar(s) or skin condition is barely distinguishable	Some parts of the scar(s) or skin condition colour contrast with the surrounding skin as a result of pigmentary or other changes	Noticeable colour contrast of scar(s) or skin condition with surrounding skin as a result of pigmentary or other changes	Easily identifiable colour contrast of scar(s) or skin condition with surrounding skin as a result of pigmentary or other changes	Distinct colour contrast of scar(s) or skin condition with surrounding skin as a result of pigmentary or other changes
Location	Injured person is unable to easily locate the scar(s) or skin condition	Injured person is able to locate the scar(s) or skin condition	Injured person is able to easily locate the scar(s) or skin condition	Injured person is able to easily locate the scar(s) or skin condition	Injured person is able to easily locate the scar(s) or skin condition
	No trophic changes	Minimal trophic changes	Trophic changes evident to touch	Trophic changes evident to touch	Trophic changes are visible
Contour	Any staple marks or suture marks are barely visible	Any staple marks or suture marks are visible	Any staple marks or suture marks are clearly visible	Any staple marks or suture marks are clearly visible	Any staple marks or suture marks are clearly visible
	Anatomic location of the scar(s) or skin condition is not clearly visible with usual clothing/hairstyle	Anatomic location of the scar(s) or skin condition is not usually visible with usual clothing/hairstyle	Anatomic location of the scar(s) or skin condition is usually visible with usual clothing/hairstyle	Anatomic location of the scar(s) or skin condition is usually visible with usual clothing/hairstyle	Anatomic location of the scar(s) or skin condition is usually and clearly visible with usual clothing/hairstyle
ADL/treatment	No contour defect	Minor contour defect	Contour defect visible	Contour defect easily visible	Contour defect easily visible
	No effect on any ADL	Negligible effect on any ADL	Minor limitation in the performance of few ADL	Minor limitation in the performance of few ADL and exposure to chemical or physical agents (for example sunlight, heat, cold etc) may temporarily increase limitation	Limitation in the performance of few ADL (in addition to restriction in grooming and dressing) and exposure to chemical or physical agents (for example sunlight, heat, cold etc) may temporarily increase limitation or restriction
Adherence to underlying structures	No treatment, or intermittent treatment only, required	No treatment, or intermittent treatment only, required	No treatment, or intermittent treatment only, required	No treatment, or intermittent treatment only, required	No treatment, or intermittent treatment only, required
	No adherence	No adherence	No adherence	Some adherence	Some adherence

**Note:** This table uses the principle of *best fit*. Medical assessors should assess the impairment to the whole skin system against each criteria and then determine which impairment category best fits (or describes) the impairment. A skin impairment will usually meet most, but does not need to meet all, criteria to best fit a particular impairment category.

# Acknowledgements

The first version of these Guidelines was developed for the then NSW Motor Accidents Authority by a consortium comprising Dr Jim Stewart, Associate Professor Ian Cameron, Associate Professor Malcolm Sim and Professor Peter Disler. The bulk of the task was undertaken by seven clinical reference groups, whose members are listed below. Particular mention should be made of the extensive contributions of Dr Dwight Dowda, Professor Sydney Nade and Dr Julian Parmegiani.

A number of Victorian clinicians with experience in the use of the AMA Guides (second and fourth editions) have provided valuable assistance. They are Dr Neil Cullen, Dr Michael Epstein, Dr Peter Lothian, Dr Gary Speck, Dr Richard Stark and Dr Nigel Strauss. Dr Alan Rosen provided valuable comment on the PIRS.

## Upper extremity

- Professor Sydney Nade (chair)
- Dr Lyn March
- Dr David Duckworth
- Dr Jim Stewart
- Dr Dwight Dowda
- Professor Bill Marsden
- Associate Professor Ian Cameron
- Associate Professor Bruce Conolly

## Lower extremity

- Professor Sydney Nade (chair)
- Dr Dwight Dowda
- Dr Ken Hume
- Dr Lyn March
- Dr Jim Stewart
- Professor Bill Marsden
- Associate Professor Ian Cameron

## Spine

- Professor Sydney Nade (chair)
- Dr Dwight Dowda
- Dr Jim Stewart
- Dr Michael Ryan
- Dr John Yeo
- Associate Professor Ian Cameron

## Nervous system

- Dr Stephen Buckley (chair)
- Dr Peter Blum
- Dr Dwight Dowda
- Dr Keith Lethlean
- Dr Ivan Lorenz
- Dr Jim Stewart
- Associate Professor Ian Cameron

## ENT and scarring

- Dr Ray Carroll (chair)
- Dr Dwight Dowda
- Dr Brian Williams
- Dr Victor Zielinski
- Associate Professor Ian Cameron

## Mental and behavioural disorders

- Dr Julian Parmegiani (chair)
- Dr Dwight Dowda
- Dr Derek Lovell
- Dr Rod Milton
- Dr Yvonne Skinner
- Dr Jim Stewart
- Associate Professor Ian Cameron

## Other body systems

- Associate Professor Ian Cameron (chair)
- Dr Dwight Dowda
- Dr Jim Stewart

# Glossary

ADL	Activities of daily living	EEG	Electroencephalogram
AMA	Australian Medical Association	FEV1	Forced expiratory volume
AMA4	Guides to the Evaluation of Permanent Impairment, Fourth Edition (third printing, 1995) published by the American Medical Association	FVC	Forced vital capacity
		icare	Insurance & Care NSW
		ICD	International Statistical Classification of Diseases & Related Health Problems
CDR	Clinical dementia rating	LTCS	Lifetime Care & Support Scheme
CRPS	Complex regional pain syndrome	MRC	Medical Research Council
CT scans	computerized axial tomography scan	MRI scans	magnetic resonance imaging scan
CTP	Compulsory third party	PC	Personal care
DSM	Diagnostic & Statistical Manual of Mental Disorders	PIRS	Psychiatric impairment rating scale
DSM-5	Diagnostic & Statistical Manual of Mental Disorders, Fifth Edition, 2013, published by the American Psychiatric Association.	ROM	Range of motion
		TEMSKI	Table for the evaluation of minor skin impairment
DRE	Diagnosis-related estimates	SCI	Spinal cord injuries
DCO	Diffusing capacity of carbon monoxide	SLR	Straight leg raising
		UEI	Upper extremity impairment
DRS	Dispute Resolution Service	VO2 max	Measurement of exercise capacity
ENT	Ear, nose and throat	WPI	Whole person impairment
		WHO	World Health Organisation

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## Planning and Environment Notices

### ENVIRONMENTAL PLANNING AND ASSESSMENT ACT 1979

Order under clause 6 of Schedule 2 to the  
Environmental Planning and Assessment (Savings, Transitional and Other Provisions) Regulation 2017

Under delegation from the Minister for Planning, I declare the development specified in column 1 of the table in Schedule 1 to this Order on the land specified in the corresponding row in column 2 of the table in Schedule 1 to this Order to be State significant development under clause 6 of Schedule 2 to the *Environmental Planning and Assessment (Savings, Transitional and Other Provisions) Regulation 2017*, for the purposes of the Environmental Planning and Assessment Act 1979 (the Act).

This Order takes effect upon publication in the New South Wales Government Gazette.

Dated: 18/5/18

Chris Ritchie  
Director  
Industry Assessments

#### SCHEDULE 1

Column 1 Development	Column 2 Land
Development known as the 'Orora (formerly Amcor) Paper Mill' (05_0120), approved by the Minister under section 75J of the Act on 20 July 2007 as subsequently modified under 75W of the Act.	Lot 14 DP1205936, Lot 1 DP182378, Lot 27 DP236738, Lot 28 DP236738, Lot 33 DP236738, Lot 13 DP236739 and Lot 1 DP363611, being all land subject to the approval to carry out the development known as the 'Orora (formerly Amcor) Paper Mill' (05_0120) as in force on the date of this Order.

[n2018-1717]

### NATIONAL PARKS AND WILDLIFE ACT 1974

Goonoowigall State Conservation Area, Barayamal and Nullamanna National Parks Draft Plan of Management on exhibition until 27 August 2018: comments sought

The Goonoowigall State Conservation Area, Barayamal and Nullamanna National Parks Draft Plan of Management is on exhibition until 27 August 2018.

The plan may be viewed at:

- National Parks and Wildlife Service Glen Innes Office (68 Church Street, Glen Innes NSW 2370)
- National Parks and Wildlife Service Tenterfield Office (10 Miles Street Tenterfield NSW 2372)
- Inverell Shire Council (144 Otho Street, Inverell NSW 2360)
- Inverell Shire Public Library (55-59 Campbell Street, Inverell NSW 2360)
- Glen Innes Severn Public and TAFE Library (71 Grey Street, Glen Innes NSW 2370)
- Office of Environment and Heritage (OEH) Customer Centre (Level 14, 59–61 Goulburn St, Sydney)
- OEH 'Have your say' website at <https://engage.environment.nsw.gov.au/consult>.

Submissions on the plan must be received by 27 August 2018 by:

- email to [npws.parkplanning@environment.nsw.gov.au](mailto:npws.parkplanning@environment.nsw.gov.au)
- mail to Manager, Planning Evaluation and Assessment, PO Box 95, Parramatta NSW 2124
- using the online form on the OEH 'Have your say' website.

Your comments on the draft plan may include 'personal information'. See [www.environment.nsw.gov.au/help/privacy.htm](http://www.environment.nsw.gov.au/help/privacy.htm) for information on how we will treat any personal information you provide, and the 'Have your say' webpage for information on how we may use comments provided in your submission. For more information, contact Andrew Growcock 9585 6595.

[n2018-1718]

**WILDERNESS ACT 1987**

Addition to Kanangra-Boyd Wilderness Area

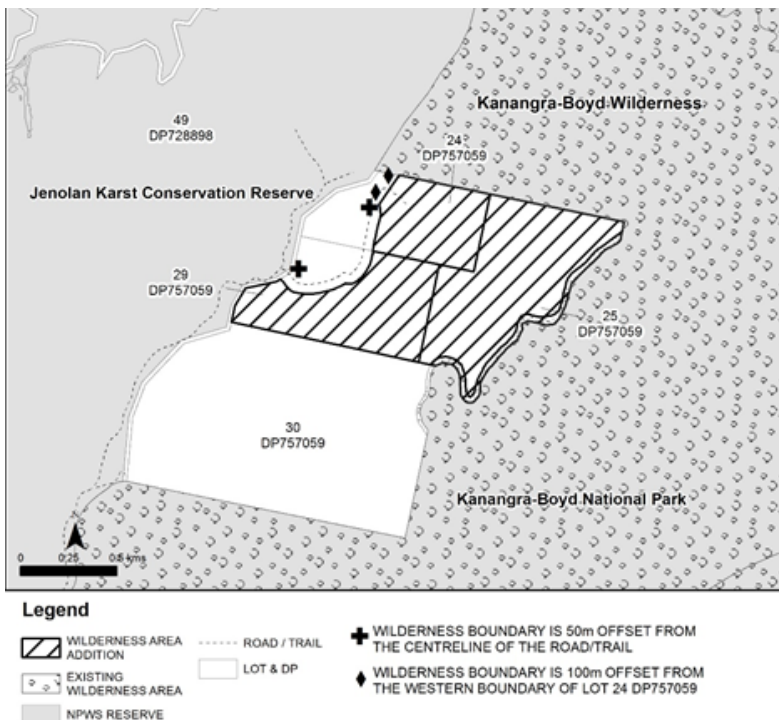
I, GABRIELLE UPTON, M.P., Minister for the Environment in the State of New South Wales, declare the land described in the Schedule hereunder, within Kanangra-Boyd National Park, as part of the **Kanangra-Boyd Wilderness**, under the provisions of Section 8 (1A) of the *Wilderness Act 1987*.

GABRIELLE UPTON, MP  
Minister for the Environment.

**Schedule**

LGA – Oberon

County Westmoreland, Parishes Konangaroo and Jenolan, about 127 hectares comprising Lot 5 DP 757055 inclusive of Bulls Camp Trail, 10m wide, between the eastern boundary of Lot 49 DP728898 and the western boundary of Lot 5 DP757055 and the land shown hatched in the diagram below.



Papers OEH/ EF14/9347, EF14/9353

[n2018-1719]

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## Roads and Maritime Notices

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### MARINE SAFETY ACT 1998

#### MARINE NOTICE

##### Section 12(2)

#### REGULATION OF VESSELS – EXCLUSION ZONE

##### Location

Wallis Lake, Forster within an area bounded by:

- South of the Forster Tuncurry Bridge (including the Tuncurry channel to the Tuncurry Boat ramp);
- Wallamba Channel;
- Haydens Spit; and
- the western shore of Miles Island.

##### Duration

9.30am to 4.00pm Saturday 7 July 2018, and

9.30am to 4.00pm Sunday 8 July 2018.

##### Detail

Powerboat displays will be conducted on Wallis Lake, Forster in the area specified above involving the use of high speed power vessels which will be active in the area during the specified times above. Vessels will race at high speed presenting a significant potential hazard to other waterway users.

The area will be patrolled by safety craft and SES safety control vessels at main navigation channel access points.

An **EXCLUSION ZONE** is specified during the event at the above location.

Unauthorised vessels and persons are strictly prohibited from entering the Exclusion Zone during the specified times. Vessel operators should comply with directions issued by control vessels and keep a proper lookout at all times when navigating near the zone.

##### Transit lane

Provision may be made (where necessary) for a control vessel to authorise local vessel traffic to pass safely through the course via a 'transit lane'. Vessels using the transit lane must do so at a safe speed and must comply with any direction given by an authorised officer.

Penalties may apply (section 12(5) – *Marine Safety Act 1998*)

For full details visit the Roads and Maritime Services website – [www.rms.nsw.gov.au/maritime](http://www.rms.nsw.gov.au/maritime)

Marine Notice NH1836

Date: 18 May 2018

Mike Baldwin  
Manager Operations  
Delegate

[n2018-1720]

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### MARINE SAFETY ACT 1998

#### MARINE NOTICE

##### Section 12(2)

#### REGULATION OF VESSELS – EXCLUSION ZONE

##### Location

Clarence River, Grafton – adjacent Memorial Park

##### Duration

- 8.00am to 5.00pm – Saturday 26 May 2018

##### Detail

A canoeing regatta will be conducted in the location specified above.



An **EXCLUSION ZONE** is specified during the event, which will be marked by buoys at the above location.

Unauthorised vessels and persons are prohibited from entering the exclusion zone which will be patrolled by control vessels.

All vessel operators and persons in the vicinity of the event should keep a proper lookout, keep well clear of competing and support vessels, and exercise extreme caution.

**Transit lane**

Provision may be made (where necessary) for a control vessel to authorise local vessel traffic to pass safely through the course via a 'transit lane'. Vessels using the transit lane must do so at a safe speed, must produce minimal wash, and must comply with any direction given by an authorised officer.

Penalties may apply (section 12(5) – *Marine Safety Act 1998*)

For full details visit the Roads and Maritime Services website – [www.rms.nsw.gov.au/maritime](http://www.rms.nsw.gov.au/maritime)

Marine Notice: NH1840

Date: 17 May 2018

Marcus Cahill  
A/Manager Operations North  
Delegate

[n2018-1721]

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## Mining and Petroleum Notices

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Pursuant to Section 136 of the *Mining Act 1992* and Section 16 of the *Petroleum (Onshore) Act 1991*

### EXPLORATION LICENCE APPLICATIONS (ELA)

NOTICE is given that the following applications have been received:

ELA5681, PEEL FAR WEST PTY LTD (ACN 622 243 850), area of 200 units, for Group 1, dated 19 May 2018.

ELA5682, PEEL FAR WEST PTY LTD (ACN 622 243 850), area of 249 units, for Group 1, dated 19 May 2018.

ELA5683, ELECTRIC METALS PTY LTD (ACN 625 770 774), area of 7 units, for Group 1, dated 22 May 2018.

[n2018-1722]

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### EXPLORATION LICENCE (EL) RENEWAL APPLICATIONS

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

EL5831, WHITEHAVEN COAL MINING LIMITED (ACN 086 426 253) area of 474.3 hectares. Application for renewal received 5 April 2018.

EL6085, ALKANE RESOURCES LTD (ACN 000 689 216), area of 5 units. Application for renewal received 18 May 2018.

EL6768, NEW SOUTH RESOURCES PTY LTD (ACN 119 557 416), area of 5 units. Application for renewal received 30 April 2018.

EL7562, ANTHONY CLAUDE BERGER, area of 5 units. Application for renewal received 16 May 2018.

EL7742, COALWORKS LIMITED (ACN 114 702 831), area of 11 units. Application for renewal received 15 May 2018.

EL7942, NEWNES KAOLIN PTY LTD (ACN 065 564 794), area of 2 units. Application for renewal received 21 May 2018.

EL8372, BIG ISLAND MINING PTY LTD (ACN 112 787 470), area of 83 units. Application for renewal received 18 May 2018.

EL8373, BIG ISLAND MINING PTY LTD (ACN 112 787 470), area of 4 units. Application for renewal received 18 May 2018.

EL8432, GRASMONT EXPLORATION PTY LTD (ACN 158 835 968), area of 32 units. Application for renewal received 17 May 2018.

[n2018-1723]

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### RENEWAL OF CERTAIN AUTHORITIES

Notice is given that an application for renewal of the following authority has been received:

Mining Purposes Lease 90 (Act 1973), ERIC BACH MADSEN, area of 1.72 hectares. Application for renewal received 17 May 2018.

Notice is given that the following authority has been renewed:

Mining Lease 1416 (Act 1992), RESOURCE PACIFIC PTY LIMITED (ACN 106 177 708), Parish of Liddell, County of Durham, Map Sheet (9133-3-S), area of 5.703 hectares, for a further term until 20 April 2039. Renewal effective on and from 20 April 2018.

[n2018-1724]

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### APPLICATIONS TO TRANSFER RECEIVED

Notice is given that the following applications to transfer have been received:

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer EL1999 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer EL8334 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mining Lease 332 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mining Lease 333 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mining Lease 334 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mining Lease 335 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mining Lease 336 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mining Lease 337 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mining Lease 338 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mining Lease 339 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mining Lease 340 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mining Lease 1695 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mining Lease 1712 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mineral Lease 5240 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mineral Lease 5267 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mineral Lease 5278 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mineral Lease 5499 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mineral Lease 5621 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mineral Lease 5632 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mineral Lease 6329 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

KBL MINING LIMITED, (ACN 129 954 365) has applied for approval to transfer Mineral Lease 6365 to QUINTANA RESOURCES AUSTRALIA PTY LTD, (ACN 626 082 255). Application received 18 May 2018.

[n2018-1725]

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### **WITHDRAWAL OF APPLICATIONS TO TRANSFER**

Notice is given that the following applications for transfer have been withdrawn:

EL1999, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.

EL8334, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.

Mining Lease 332, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.

Mining Lease 333, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.

Mining Lease 334, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.

Mining Lease 335, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.

Mining Lease 336, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.

Mining Lease 337, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.

Mining Lease 338, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.  
 Mining Lease 339, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.  
 Mining Lease 340, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.  
 Mining Lease 1695, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.  
 Mining Lease 1712, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.  
 Mineral Lease 5240, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.  
 Mineral Lease 5267, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.  
 Mineral Lease 5278, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.  
 Mineral Lease 5499, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.  
 Mineral Lease 5621, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.  
 Mineral Lease 5632, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.  
 Mineral Lease 6329, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.  
 Mineral Lease 6365, KBL MINING LIMITED, (ACN 129 954 365). Withdrawal took effect on 22 May 2018.

[n2018-1726]

**WORK HEALTH AND SAFETY (MINES AND PETROLEUM SITES) REGULATION 2014**

**ORDER No. 5**

Recognition of existing qualifications for eligibility for underground mine supervisor of an underground mine other than coal mines

I, TONY LINNANE, Director Mine Safety Operations, with the delegated authority of the Secretary, Department of Planning and Environment, pursuant to clause 21(1) of Schedule 12 to the *Work Health and Safety (Mines and Petroleum Sites) Regulation 2014* declare that:

1. A certificate of competence listed in Column 1 of Schedule 1 of this declaration is equivalent to the practising certificate listed opposite in Column 2 of Schedule 1.

This Order is in addition to Order No. 3 published in the NSW Government Gazette No 12 of 2 February 2018 but only in respect of recognising the certificate of competence for underground mine supervisor to be a practising certificate for the underground mine supervisor as detailed in clause 26 of Schedule 10 of the *Work Health and Safety (Mines and Petroleum Sites) Regulation 2014*.

Dated this twenty first day of May 2018.

TONY LINNANE  
 Director Mine Safety Operations  
 Department of Planning and Environment

**Schedule 1**

<b>Column 1</b>	<b>Column 2</b>
Certificate of competence granted under Division 4 of Part 8 of the <i>Work Health and Safety (Mines and Petroleum Sites) Regulation 2014</i> in respect of the statutory function below	Practising certificate granted under Division 3 of Part 8 of the <i>Work Health and Safety (Mines and Petroleum Sites) Regulation 2014</i> in respect of the statutory functions below
Underground mine supervisor of an underground mine other than coal mines as detailed in clause 26 of Schedule 10	Underground mine supervisor of an underground mine other than coal mines as detailed in clause 26 of Schedule 10

[n2018-1727]

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## Primary Industries Notices

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### DRUG MISUSE AND TRAFFICKING ACT 1985

#### Instrument of Appointment to Give Certificate Evidence

I, SIMON DRAPER, Secretary of the Department of Industry, pursuant to Section 43(5) of the *Drug Misuse and Trafficking Act 1985* ('the Act'), hereby appoint the persons named in the Schedule below, each of whom I consider to be suitably qualified persons to give a certificate in relation to the identification of cannabis plant or cannabis leaf for the purposes of Section 43 of the Act.

#### SCHEDULE

Matther CALLAGHAN

Neil LONGWORTH

James PARSONS

Joanne PORTER

Dated this 22nd day of May 2018

SIMON DRAPER

SIMON DRAPER

Secretary

(NSW Department of Industry)

[n2018-1728]

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### LOCAL LAND SERVICES REGULATION 2014

#### PART 4

#### HUNTER LOCAL LAND SERVICES

#### DETERMINATION CONCERNING CATCHMENT CONTRIBUTIONS

1 July 2018 to 30 June 2019

The Hunter Local Land Services in accordance of PART 4 of the *Local Land Services Regulation 2014* does hereby make the following determination in respect of the year commencing 1 July 2018:

- a. It proposes to raise **\$5,036,000** by way of catchment contribution.
- b. The catchment contribution is to be levied on all rateable land within the Hunter Catchment Contribution area as delineated by maps held at the HLLS' offices.
- c. The basis of the catchment contribution is a rate based on land values provided by the appropriate local government councils.
- d. The catchment contribution rate for the year commencing 1 July 2018 will be **0.0111** of a cent in the dollar (land value).

Signed and dated

David Witherdin

Executive Director

Local Land Services

Date: 18.05.18

[n2018-1729]

## Crown Land Notices

1300 886 235 [www.crownland.nsw.gov.au](http://www.crownland.nsw.gov.au)

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Bootoowa; County – Dowling*  
*Land District – Lake Cargelligo; LGA – Lachlan*

Road Closed: Lots 1-2 DP 1235584

File No: 16/07466

#### SCHEDULE

On closing, the land within Lots 1-2 DP 1235584 remains vested in the State of New South Wales as Crown land.

[n2018-1730]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parishes – Bimbalingel, Bootoowa; County – Dowling*  
*Land District – Lake Cargelligo; LGA – Lachlan*

Road Closed: Lots 1-2 DP 1233385

File No: 16/07463

#### SCHEDULE

On closing, the land within Lot 1 DP 1233385 remains & becomes vested in the State of New South Wales as Crown land.

Council's reference: D15/7695

On closing, the land within Lot 2 DP 1233385 remains vested in the State of New South Wales as Crown Land.

[n2018-1731]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

**DESCRIPTION**

*Parish – Willoughby; County – Cumberland  
Land District – Metropolitan; LGA – Lane Cove*

Road Closed: Lot 18 DP 1230609

File No: 15/02324

**SCHEDULE**

On closing, the land within Lot 18 DP 1230609 remains vested in Lane Cove Council as operational land for the purposes of the *Local Government Act 1993*.

Council Reference: 8670/15

[n2018-1732]

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**NOTIFICATION OF CLOSING OF A ROAD**

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

**DESCRIPTION**

*Parish – Burrabadine; County – Narromine  
Land District – Dubbo; LGA – Dubbo Regional*

Road Closed: Lot 1 DP 1216895

File No: 10/17362

**SCHEDULE**

On closing, the land within Lot 1 DP 1216895 remains vested in the State of New South Wales as Crown land.

[n2018-1733]

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**NOTIFICATION OF CLOSING OF A ROAD**

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

**DESCRIPTION**

*Parish – Harnham; County – Sandon  
Land District – Armidale; LGA – Uralla*

Road Closed: Lot 1 DP 1241971

File No: 16/01442

**SCHEDULE**

On closing, the land within Lot 1 DP 1241971 remains vested in the State of New South Wales as Crown land.

[n2018-1734]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parishes – Gilguldry, Cambara, Warrie; Counties – Leichhardt, Ewenmar  
Land District – Coonamble; LGA – Coonamble*

Road Closed: Lot 1 DP 1239303, Lots 2-5 DP 1239304

File No: 16/08304

#### SCHEDULE

On closing, the land within Lot 1 DP 1239303, Lots 2-4 DP 1239304 remains vested in the State of New South Wales as Crown land.

On closing, the land within Lot 5 DP1239304 becomes vested in the State of New South Wales as Crown Land.

Council's reference: R8-11

[n2018-1735]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Tabbita North; County – Cooper  
Land District – Narrandera; LGA – Carrathool*

Road Closed: Lot 1 DP 1241862

File No: GH00H40

#### SCHEDULE

On closing, the land within Lot 1 DP 1241862 remains vested in the State of New South Wales as Crown land.

[n2018-1736]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parishes – Vulcan, Kowmung; County – Westmoreland  
Land District – Lithgow; LGA – Oberon*

Road Closed: Lots 1-2 DP 1237502

File No: 17/06212



**SCHEDULE**

On closing, the land within Lots 1-2 DP 1237502 remains vested in the State of New South Wales as Crown land.

[n2018-1737]

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**NOTIFICATION OF CLOSING OF A ROAD**

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

**DESCRIPTION**

*Parish – Kowmung; County – Westmoreland*

*Land District – Lithgow; LGA – Oberon*

Road Closed: Lot 3 DP 1237504

File No: 17/06209

**SCHEDULE**

On closing, the land within Lot 3 DP 1237504 remains vested in the State of New South Wales as Crown land.

[n2018-1738]

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**NOTIFICATION OF CLOSING OF A ROAD**

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

**DESCRIPTION**

*Parish – Tuckombil; County – Rous*

*Land District – Lismore; LGA – Ballina*

Road Closed: Lot 2 DP 1229081

File No: 15/05629

**SCHEDULE**

On closing, the land within Lot 2 DP 1229081 remains vested in the State of New South Wales as Crown land.

On closing, the land within part Lot 2 DP1229081 becomes vested in the State of New South Wales as Crown Land.

Council's reference: DOC15/008520

[n2018-1739]

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**NOTIFICATION OF CLOSING OF A ROAD**

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

**DESCRIPTION**

*Parish – Wog Wog; County – St Vincent*

*Land District – Braidwood; LGA – Queanbeyan-Palerang Regional*

Road Closed: Lot 1 DP 1238882

File No: 17/09077

**SCHEDULE**

On closing, the land within Lot 1 DP 1238882 remains vested in the State of New South Wales as Crown land.

[n2018-1740]

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**NOTIFICATION OF CLOSING OF A ROAD**

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

**DESCRIPTION**

*Parish – Dubbo and Terramungamine; County – Lincoln*

*Land District – Dubbo; LGA – Dubbo Regional*

Road Closed: Lot 7, 11, 14 and 21 DP 1241494

File No: 15/08994

**SCHEDULE**

On closing, the land within Lot 7, 11, 14 and 21 DP 1241494 remains vested in Dubbo Regional Council as operational land for the purposes of the *Local Government Act 1993*.

Council Reference: Bootherba Road Closure

[n2018-1741]

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**NOTIFICATION OF CLOSING OF A ROAD**

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

**DESCRIPTION**

*Parish – Murrungal; County – Monteagle*

*Land District – Boorowa; LGA – Hilltops*

Road Closed: Lot 1 DP 1240883

File No: 17/05972

**SCHEDULE**

On closing, the land within Lot 1 DP 1240883 remains vested in the State of New South Wales as Crown land.

[n2018-1742]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Alton; County – King  
Land District – Boorowa; LGA – Hilltops*

Road Closed: Lot 1 DP 1240967

File No: 17/11318

#### SCHEDULE

On closing, the land within Lot 1 DP 1240967 remains vested in the State of New South Wales as Crown land.

[n2018-1743]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Noona; County – Courallie  
Land District – Moree; LGA – Moree Plains*

Road Closed: Lots 1-2 DP 1240880

File No: 17/10200

#### SCHEDULE

On closing, the land within Lots 1-2 DP 1240880 remains vested in the State of New South Wales as Crown land.

[n2018-1744]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Lorimer; County – Bligh  
Land District – Mudgee; LGA – Upper Hunter*

Road Closed: Lots 1-5 DP 1240964

File No: 09/11547

#### SCHEDULE

On closing, the land within Lots 1-5 DP 1240964 remains vested in the State of New South Wales as Crown land.

[n2018-1745]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Bolaro; County – Lincoln*  
*Land District – Dunedoo Central; LGA – Warrumbungle*

Road Closed: Lot 1 DP 1225543

File No: 09/15161:JT

#### SCHEDULE

On closing, the land within Lot 1 DP 1225543 remains vested in the State of New South Wales as Crown land.

[n2018-1746]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Shadforth; County – Bathurst*  
*Land District – Orange; LGA – Orange*

Road Closed: Lots 1-3 DP 1236621

File No: 17/04830

#### SCHEDULE

On closing, the land within Lots 1-3 DP 1236621 remains vested in the State of New South Wales as Crown land.

[n2018-1747]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Murringo North; County – Monteagle*  
*Land District – Young; LGA – Hilltops*

Road Closed: Lot 6 DP 1240432

File No: 10/06767

#### SCHEDULE

On closing, the land within Lot 6 DP 1240432 remains vested in the State of New South Wales as Crown land.

[n2018-1748]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Murringo North; County – Monteagle  
Land District – Young; LGA – Hilltops*

Road Closed: Lot 72 DP 1240429, Lot 71 DP 1240430

File No: 10/06768

#### SCHEDULE

On closing, the land within Lot 72 DP 1240429, Lot 71 DP 1240430 remains vested in the State of New South Wales as Crown land.

[n2018-1749]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Burrumunda; County – Monteagle  
Land District – Young; LGA – Hilltops*

Road Closed: Lot 20 DP 1240428

File No: 13/03794

#### SCHEDULE

On closing, the land within Lot 20 DP 1240428 remains vested in the State of New South Wales as Crown land.

[n2018-1750]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parishes – Murringo, Murringo North; County – Monteagle  
Land District – Young; LGA – Hilltops*

Road Closed: Lots 31-32 DP 1240427

File No: 10/06769

#### SCHEDULE

On closing, the land within Lots 31-32 DP 1240427 remains vested in the State of New South Wales as Crown land.

[n2018-1751]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Elland; County – Clarence*  
*Land District – Grafton; LGA – Clarence Valley*

Road Closed: Lot 2 DP 1241062

File No: 17/11234

#### SCHEDULE

On closing, the land within Lot 2 DP 1241062 remains vested in the State of New South Wales as Crown land.

[n2018-1752]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Mars; County – Cadell*  
*Land District – Deniliquin; LGA – Murray River*

Road Closed: Lot 1 DP 1240579

File No: 17/11295

#### SCHEDULE

On closing, the land within Lot 1 DP 1240579 remains vested in the State of New South Wales as Crown land.

[n2018-1753]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Botobolar; County – Phillip*  
*Land District – Rylstone & Mudgee; LGA – Mid-Western Regional*

Road Closed: Lot 1 DP 1239362

File No: 10/15560

#### SCHEDULE

On closing, the land within Lot 1 DP 1239362 remains vested in the State of New South Wales as Crown land.

[n2018-1754]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Bundawarra; County – Bland  
Land District – Temora; LGA – Temora*

Road Closed: Lot 2 DP 1239960

File No: 17/11180

#### SCHEDULE

On closing, the land within Lot 2 DP 1239960 remains vested in the State of New South Wales as Crown land.

[n2018-1755]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parishes – Caledonia, Goonoo; County – Lincoln  
Land District – Dubbo; LGA – Dubbo Regional*

Road Closed: Lots 1-4 DP 1241504

File No: 17/01602

#### SCHEDULE

On closing, the land within Lots 1-4 DP 1241504 remains vested in the State of New South Wales as Crown land.

[n2018-1756]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish - Cooma; County - Beresford  
Land District - Cooma; LGA - Snowy Monaro Regional*

Road Closed: Lot 2 DP 1241505

File No: 17/11352

#### SCHEDULE

On closing, the land within Lot 2 DP 1241505 remains vested in the State of New South Wales as Crown land.

[n2018-1757]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Bungiebomar; County – Lincoln  
Land District – Dubbo; LGA – Dubbo Regional*

Road Closed: Lot 2 DP 1242147

File No: 17/11593

#### SCHEDULE

On closing, the land within Lot 2 DP 1242147 remains vested in the State of New South Wales as Crown land.

[n2018-1758]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Dalglish; County – Napier  
Land District – Coonabarabran; LGA – Warrumbungle*

Road Closed: Lot 1 DP 1242217

File No: 18/00435

#### SCHEDULE

On closing, the land within Lot 1 DP 1242217 remains vested in the State of New South Wales as Crown land.

[n2018-1759]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Bullinda; County – Lincoln  
Land District – Dunedoo Central; LGA – Warrumbungle*

Road Closed: Lot 3 DP 1238516

File No: 17/08265

#### SCHEDULE

On closing, the land within Lot 3 DP 1238516 remains vested in the State of New South Wales as Crown land.

[n2018-1760]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Bullinda; County – Lincoln*  
*Land District – Dunedoo Central; LGA – Warrumbungle*

Road Closed: Lot 2 DP 1237432

File No: 17/08265

#### SCHEDULE

On closing, the land within Lot 2 DP 1237432 remains vested in the State of New South Wales as Crown land.

[n2018-1761]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Willydah; County – Narromine*  
*Land District – Dubbo; LGA – Narromine*

Road Closed: Lot 10 DP 1237384

File No: 17/01786

#### SCHEDULE

On closing, the land within Lot 10 DP 1237384 remains vested in the State of New South Wales as Crown land.

[n2018-1762]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Tabbita North; County – Cooper*  
*Land District – Narrandera; LGA – Carrathool*

Road Closed: Lot 2 DP 1241551

File No: GH00H40

#### SCHEDULE

On closing, the land within Lot 2 DP 1241551 remains vested in the State of New South Wales as Crown land.

[n2018-1763]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Woodford; County – Clarence*  
*Land District – Grafton; LGA – Clarence Valley*

Road Closed: Lot 10 DP 1241109

File No: 17/05918

#### SCHEDULE

On closing, the land within Lot 10 DP 1241109 remains vested in the State of New South Wales as Crown land.

[n2018-1764]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Wylie; County – Buller*  
*Land District – Tenterfield; LGA – Tenterfield*

Road Closed: Lot 1 DP 1241865

File No: 14/04040

#### SCHEDULE

On closing, the land within Lot 1 DP 1241865 remains vested in the State of New South Wales as Crown land.

[n2018-1765]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parishes – North Gunambill, Urana; County – Urana*  
*Land District – Urana; LGA – Federation*

Road Closed: Lot 4 DP 1238320

File No: 17/03008

#### SCHEDULE

On closing, the land within Lot 4 DP 1238320 remains vested in the State of New South Wales as Crown land.

[n2018-1766]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – Bardool; County – Fitzroy*  
*Land District – Grafton; LGA – Clarence Valley*

Road Closed: Lot 1 DP 1238288

File No: 17/06546

#### SCHEDULE

On closing, the land within Lot 1 DP 1238288 remains vested in the State of New South Wales as Crown land.

[n2018-1767]

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### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parish – North Bellingen; County – Raleigh*  
*Land District – Bellingen; LGA – Bellingen*

Road Closed: Lot 1 DP 1240718

File No: 17/06297

#### SCHEDULE

On closing, the land within Lot 1 DP 1240718 remains vested in the State of New South Wales as Crown land.

[n2018-1768]

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### NOTIFICATION OF CLOSING OF A ROAD

IN pursuance of the provisions of the *Roads Act 1993*, the roads described in Column 1 of the Schedule hereunder are closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the roads are extinguished. Upon closing the roads described in Column 1 the lands defined in Column 5 of the Schedule being the re-defined roads will be dedicated as public road.

The Hon. Paul Toole M.P.  
Minister for Lands and Forestry

#### Description

*Parishes & Counties – Varies*  
*Land District – Varies*  
*LGA – Wentworth*

<b>Column 1 Western Division Road (WDR) No. &amp; Deposited Plan (DP)</b>	<b>Column 2 Gazetted Public Road</b>	<b>Column 3 Road Name</b>	<b>Column 4 Within Lot/DP</b>	<b>Column 5 Legal Roads Network Deposited Plan (DP) No.</b>
58 (DP97058)	8 August 1980	Renmark & Nulla Roads	4070/766545	1218408
58 (DP97058)	8 August 1980	Renmark Road	4073/766548	1218408
58 (DP97058)	8 August 1980	Renmark Road	515/761433	1218408
58 (DP97058)	8 August 1980	Renmark Road	5828/768726	1218408
58 (DP97058)	8 August 1980	Renmark Road	5829/768727	1218408
58 (DP97058)	8 August 1980	Renmark Road	5084/705036	1218408
58 (DP97058)	8 August 1980	Renmark Road	4072/766547	1218408
149 (DP97149)	21 May 1982	Renmark Road	46/760419	1218408
149 (DP97149)	21 May 1982	Renmark Road	5487/768396	1218408
149 (DP97149)	21 May 1982	Renmark Road	370/761109	1218408
149 (DP97149)	21 May 1982	Renmark Road	4069/766544	1218408
149 (DP97149)	21 May 1982	Renmark Road	4070/766545	1218408
171 (DP97171)	15 July 1983	Rufus River Road	46/760419	1218408
177 (DP97177)	31 December 1987	Renmark Road	4522/767599	1218408
177 (DP97177)	31 December 1987	Renmark Road	46/760419	1218408

File No.: 15/09757

[n2018-1769]

### ADDITION OF LANDS TO A WESTERN LANDS LEASE

IT is hereby notified that in pursuance of Section 35C of the *Western Lands Act 1901*, the land particularised in Column 3, being the road closed in Column 4, has been added to the Western Lands Leases identified in Column 1.

The Hon. Paul Toole M.P.  
Minister for Lands and Forestry

#### Description

*Parishes – Varies Counties – Varies*

*Land District – Varies*

*LGA – Wentworth*

<b>Column 1 Western Lands Lease No.</b>	<b>Column 2 Folio ID</b>	<b>Column 3 Area Addition (ha)</b>	<b>Column 4 Former WDR No</b>	<b>Column 5 Total Area following Addition (ha)</b>
284	5828/768726	8	58	4209
8363	4072/766547	38.44	58	19400
8364	4073/766548	77.29	58	17472
998	46/760419	12.08	149	6749
998	46/760419	62	171	6811
998	46/760419	35.75	177	6847

Column 1 Western Lands Lease No.	Column 2 Folio ID	Column 3 Area Addition (ha)	Column 4 Former WDR No	Column 5 Total Area following Addition (ha)
55	4522/767599	35.17	177	3804

File No.: 15/09757

[n2018-1770]

### WITHDRAWAL OF LANDS FROM WESTERN LANDS LEASES

IT is hereby notified that in pursuance of Section 35Q of the *Western Lands Act 1901*, the land particularised in Column 1 has been withdrawn from the Western Lands Leases identified in Column 2 for the purpose of being dedicated as public road.

The Hon. Paul Toole M.P.  
Minister for Lands and Forestry

#### Description

*Parishes – Varies Counties – Varies*

*Land District – Varies*

*LGA – Wentworth*

Column 1 Land Withdrawn from Western Lands Lease (Lot/DP)	Column 2 Western Lands Lease affected by Withdrawal	Column 3 Folio ID affected by Withdrawal	Column 4 Area Withdrawn from Lease (ha)	Column 5 Area of Lease following Withdrawal (ha)
1/1218408	55	4522/767599	35.18	3769
2/1218408	998	46/760419	49.03	6798
3/1218408	668	5266/725346; 5487/ 768396	20.19	2156
4/1218408	2086	370/761109	31.43	3985
5/1218408	7967	4069/766544	31.38	22834
6/1218408	7968	4070/766545	65.28	24856
7/1218408	8363	4072/766547	38.33	19362
8/1218408	8364	4073/766548	76.74	17396
9/1218408	2509	515/761433	36.99	4013
10/1218408	284	5828/768726	7.674	4201
11/1218408	339	5083/705035 5829/ 768727	33.42	5143
12/1218408	972	5084/705036	2.785	1503
13/1218408	998	46/760419	64.53	6733
29/1218408	4282	5080/705035 5081/ 705036 5082/705037 6/756181 7/756181	8.034	15151
30/1218408	2551	5178/761488	12.2	469.0
31/1218408	4282	5080/705035 5081/ 705036 5082/705037 6/756181 7/756181	20.99	15130
33/1218408	2552	11/756186	5.023	96.98

41/1218408	2550	12/756181 45/ 756181	5.168	141.3
45/1218408	4282	5080/705035 5081/ 705036 5082/705037 6/756181 7/756181	35.23	15095
46/1218408	4282	5080/705035 5081/ 705036 5082/705037 6/756181 7/756181	9.984	15085
47/1218408	972	5084/705036	27.73	1475
48/1218408	2675	5788/722935	21.65	597.8
51/1218408	2677	672/761719	13.67	581.2
53/1218408	13772	34/756926 6/756964 7/756964 5264/ 756964 5265/756964 35/756926	5.201	2103
55/1218408	13772	34/756926 6/756964 7/756964 5264/ 756964 5265/756964 35/756926	21.98	2081
58/1218408	3828	5100/720104 5102/ 720104	0.1939	711.0
61/1218408	534	6795/823902	1.612	2249
63/1218408	534	6795/823902	4.549	2245
78/1218408	534	6795/823902	1.731	2243

File No.: 15/09757

[n2018-1771]

### DEDICATION OF CROWN LAND AS PUBLIC ROAD

IT is hereby notified that in pursuance of Section 12 of the *Roads Act 1993*, the crown land particularised below is, from the date of publication of this notice, dedicated as public road. The public road hereby dedicated is declared not to be crown road within the meaning of the *Roads Act 1993*.

The Hon. Paul Toole M.P.  
Minister for Lands and Forestry

#### Description

*Parishes – Varies Counties – Varies  
Land District – Varies  
LGA – Wentworth/Broken Hill*

Lot/DP	Lot/DP	Lot/DP	Lot/DP
1/1218408	22/1218408	45/1218408	63/1218408
2/1218408	23/1218408	46/1218408	64/1218408
3/1218408	24/1218408	47/1218408	65/1218408
4/1218408	25/1218408	48/1218408	68/1218408
5/1218408	26/1218408	49/1218408	71/1218408
6/1218408	27/1218408	51/1218408	73/1218408
7/1218408	28/1218408	53/1218408	74/1218408
8/1218408	29/1218408	54/1218408	75/1218408
9/1218408	30/1218408	55/1218408	76/1218408

Lot/DP	Lot/DP	Lot/DP	Lot/DP
10/1218408	31/1218408	56/1218408	77/1218408
11/1218408	33/1218408	57/1218408	78/1218408
12/1218408	37/1218408	58/1218408	79/1218408
13/1218408	40/1218408	60/1218408	80/1218408
14/1218408	41/1218408	61/1218408	81/1218408
17/1218408	43/1218408	62/1218408	

Note: Affected parts of Crown Reserves 39, 250, 255, 365, 375, 376, 406, 421, 461, 462, 490, 507, 515, 522, 2421, 2734, 7802, 16542, 30439, 37163, and 89351 are hereby revoked by this dedication.

File No.: 15/09757

[n2018-1772]

### REVOCATION OF RESERVATION OF CROWN LAND

Pursuant to Section 90 of the *Crown Lands Act 1989*, the reservation of Crown specified in Column 1 of the Schedule hereunder is revoked to the extent specified opposite thereto in Column 2 of the Schedule.

The Hon Paul Toole, M.P.  
Minister for Lands and Forestry

#### SCHEDULE

COLUMN 1	COLUMN 2
Reserve No.: 89351 Purpose: Public Recreation Notified: 31 January 1975 Locality: Rufus River Parish: Cal Lal County: Tara File No: WL96R0002	The part within Lot 71 in DP1218408 for an area of 1.254 ha

Note: The land specified in Column 2 is being used as public road.

File Ref: 15/09757

[n2018-1773]

### REVOCATION OF RESERVATION OF CROWN LAND

In pursuance of Section 61A of the *Commons Management Act 1989*, the setting aside of Crown land as a common as specified in Column 1 of the Schedule hereunder, is hereby revoked to the extent specified opposite thereto in Column 2 of the Schedule.

The Hon Paul Toole, M.P.  
Minister for Lands and Forestry

#### SCHEDULE

COLUMN 1	COLUMN 2
Reserve No: 2421 (Willyama Common) Purpose: Temporary Common Notified: 4 September 1886 Locality: Broken Hill Parish: Picton County: Yancowinna File No: WL95R2	Those parts within Lots 80 & 81 in DP1214808 for an area of 2.9767 ha

Note: The land specified in Column 2 is being used as public road.

File No. 15/09757

[n2018-1774]

### ADDITION TO A WESTERN LANDS LEASE

IT is hereby notified that in pursuance of Section 35C of the *Western Lands Act 1901*, the land particularised hereunder has been added to the undermentioned Western Lands Lease.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### SCHEDULE

Western Lands Lease No.	3189
Name of Lessee:	John Malcolm Caskey
Area Added:	Lot 3 DP 1238299 Parish of Undeathi County of Livingstone of 691.5 ha (Folio Identifier 3/1238299)
Total Area Following Addition:	Lot 1195 DP 762614 & Lot 3 DP 1238299 Parish of Undeathi County of Livingstone of 821 ha (Folio Identifiers 1195/762614 & 3/1238299)
Date of Addition:	12 April 2018
Administrative District:	Broken Hill
Shire:	Central Darling
Conditions:	Unchanged

File No. WLL3189-1

[n2018-1775]

### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### DESCRIPTION

*Parishes – Bective, Bubbogullion; Counties – Parry, Inglis  
Land District – Tamworth; LGA – Tamworth Regional*

Road Closed: Lot 2 DP 1241645, Lot 1 DP 1241646

File No: 12/02366

#### SCHEDULE

On closing, the land within Lot 2 DP 1241645, Lot 1 DP 1241646 remains vested in the State of New South Wales as Crown land.

[n2018-1776]

### NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry



**DESCRIPTION**

*Parish – Forbes; County – Ashburnham*

*Land District – Forbes; LGA – Forbes*

Road Closed: Lot 25 DP 1210471

File No: 11/02909

**SCHEDULE**

On closing, the land within Lot 25 DP 1210471 remains vested in Forbes Shire Council as operational land for the purposes of the *Local Government Act 1993*.

Council Reference: JCC R25/396

[n2018-1777]

**ROADS ACT 1993 – ORDER**

**TRANSFER OF A CROWN ROAD TO A COUNCIL**

In pursuance of the provisions of section 151, *Roads Act 1993*, the Crown road specified in Schedule 1 is hereby transferred to the Roads Authority specified in Schedule 2 hereunder, and as from the date of publication of this notice, the road specified in schedule 1 ceases to be a Crown road.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

**SCHEDULE 1**

*Parish – Kunopia; County – Benarba*

*Land District – Moree; LGA – Moree Plains*

Crown roads shown coloured in red on diagram hereunder.



**SCHEDULE 2**

Roads Authority: Moree Plains Shire Council

Lands Reference: 16/10854

[n2018-1778]

**ROADS ACT 1993 – ORDER**

**TRANSFER OF A CROWN ROAD TO A COUNCIL**

In pursuance of the provisions of section 151, *Roads Act 1993*, the Crown road specified in Schedule 1 is hereby transferred to the Roads Authority specified in Schedule 2 hereunder, and as from the date of publication of this notice, the road specified in schedule 1 ceases to be a Crown road.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

**SCHEDULE 1**

*Parishes – Kunopia, Boronga and Willimill; Counties – Benarba and Stapylton  
Land District – Moree; LGA – Moree Plains*

Crown roads shown coloured in red on diagram hereunder.



**SCHEDULE 2**

Roads Authority: Moree Plains Shire Council

Lands Reference: 16/10854

[n2018-1779]

**NOTIFICATION OF CLOSING OF A ROAD**

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

**DESCRIPTION**

*Parish – Byron; County – Rous  
Land District – Lismore; LGA – Byron*

Road Closed: Lot 1 DP 1240871

File No: 17/04634

**SCHEDULE**

On closing, the land within Lot 1 DP 1240871 remains vested in the State of New South Wales as Crown land.

[n2018-1780]

### 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.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### Schedule

Column 1	Column 2	Column 3
Alison Louise Barry (new member) Roula Zivlas (new member) Annette Jane Morrissey (new member)  For a term commencing the date of this notice and expiring 23 September 2020.	Joy Cummings Centre (R170023) Reserve Trust	Reserve No. 170023 Public Purpose: community centre Notified: 31 October 1986  File Reference: MD83R17

[n2018-1781]

### 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.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### Schedule

Column 1	Column 2	Column 3
Ruth Barbara Flower (new member) Raymond John Ryan (re-appointment) Graham Arthur Gordon (re-appointment)  For a term commencing 26 July 2018 and expiring 25 July 2023.	Findon Public Recreation Reserve Trust	Reserve No. 65873 Public Purpose: public recreation Notified: 13 March 1936  File Reference: GF82R53-002

[n2018-1782]

### 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.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### Schedule

Column 1	Column 2	Column 3
Justin William Cole (new member)  For a term commencing the date of this notice and expiring 19 June 2019.	Beechwood Recreation Reserve Trust	Reserve No. 43440 Public Purpose: public recreation Notified: 28 January 1909  File Reference: TE80R151-002

[n2018-1783]

### 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.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### Schedule

Column 1	Column 2	Column 3
Jason John Jarrett (new member)  For a term commencing the date of this notice and expiring 14 December 2022.	Land Of The Beardies Social Club Incorporated	Reserve No. 1014209 Public Purpose: community purposes Notified: 23 November 2007  File Reference: 07/5191

[n2018-1784]

### 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.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

#### Schedule

Column 1	Column 2	Column 3
Clint William Booth (new member) Leon George Booth (re-appointment) William Edward Klower (re-appointment) Neil Michael Francis (re-appointment)  For a term commencing the date of this notice and expiring 24 May 2023.	Burruga Recreation Reserve Trust	Reserve No. 4212 Public Purpose: public recreation Notified: 29 October 1887  File Reference: OE80R347-002

[n2018-1785]

### 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.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

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**Schedule**

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
Ian Mileham Litchfield (re-appointment) Gregory John Monaghan (re-appointment)  For a term commencing the date of this notice and expiring 16 May 2023.	Lowther War Memorial Reserve Trust	Reserve No. 700016 Public Purpose: heritage purposes Notified: 21 February 1997  File Reference: OE80R300

[n2018-1786]

**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.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

**Schedule**

<b>Column 1</b>	<b>Column 2</b>
Gunningbland Recreation Reserve Trust	Reserve No. 41974 Public Purpose: public recreation Notified: 4 September 1907  File Reference: OE81R69

[n2018-1787]

**NOTICE OF PURPOSE OTHER THAN THE DECLARED PURPOSE PURSUANT TO SECTION 34A(2)(b) OF THE CROWN LANDS ACT 1989**

Pursuant to section 34A(2)(b) of the *Crown Lands Act 1989*, the Crown reserve(s) specified in Column 2 of the Schedule is to be used or occupied under a relevant interest granted for the purpose(s) specified in Column 1 of the Schedule where such use or occupation is other than the declared purpose of the reserve

The Hon Paul Toole, MP  
Minister for Lands and Forestry

**Schedule**

<b>Column 1</b>	<b>Column 2</b>
pipeline pump site	Reserve No. 80713 Public Purpose: public recreation Notified: 30 May 1958 File Reference: 17/08573

**Schedule**

<b>Column 1</b>	<b>Column 2</b>
access storage area	Reserve No. 68200 Public Purpose: travelling stock Notified: 3 March 1939 File Reference: 17/08079

## Schedule

Column 1	Column 2
construction of pathway	Dedication No. 1015348 Public Purpose: access, environmental protection, public recreation Notified: 26 June 2009 File Reference: 17/06625

## Schedule

Column 1	Column 2
storage shed – File Reference: 16/09486 tank – File Reference: 16/09486 access – File Reference: 16/09486  recreation – File Reference: 17/10668	Reserve No. 1013799 Public Purpose: future public requirements Notified: 29 June 2007

## Schedule

Column 1	Column 2
storage shed tank	Reserve No. 1012588 Public Purpose: access and public requirements, rural services, tourism purposes and environmental and heritage conservation Notified: 10 November 2006 File Reference: 16/09486

[n2018-1788]

**ADDITION TO RESERVED CROWN LAND**

Pursuant to section 88 of the *Crown Lands Act 1989*, the Crown land specified in Column 1 of the Schedule hereunder is added to the reserved land specified opposite thereto in Column 2 of the Schedule.

The Hon Paul Toole, MP  
Minister for Lands and Forestry

## Schedule

Column 1	Column 2
Land District: Bellingen Local Government Area: Nambucca Shire Council Locality: Swimming Creek  Whole Lots: Lot 178 DP 727302 Parish Valley Valley County Raleigh Area: about 2052 square metres  File Reference: GF95R23#01	Reserve No. 81006 Public Purpose: public recreation Notified: 22 August 1958  Whole Lots: Lot 7024 DP 1056196, Lot 7022 DP 1058233, Lot 7023 DP 1113137 Parish Nambucca County Raleigh  New Area: about 5.957 hectares

Notes: Reserve 93908 for Future Public Requirements notified 8 July 1980 is hereby revoked by this notification.

[n2018-1789]

## Water Notices

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### WATER ACT 1912

Notice is hereby given, under section 10 of Part 2 of the *Water Act 1912*, as amended

That an application has been received from LEO MICHAEL CLEARY AND SUSAN AILSA CLEARY, for a pump on Pappinbarra River on Lots 49, 60 and 70, DP754442, Parish of Pappinbarra, County of Macquarie, for irrigation purposes (60 megalitres). Entitlement by way of Permanent Transfer. (Ref: 30SL067369).

Any inquiries should be directed to 1300 662 077 or email to [customer.helpdesk@waternsw.com.au](mailto:customer.helpdesk@waternsw.com.au).

Written objections from any local occupier or statutory authority, specifying grounds and how their interests are affected, must be registered in writing to WaterNSW, Locked Bag 10, Grafton NSW 2460 or by email to the above within 28 days of this publication.

Dated 21 May 2018

Tracey Lawson  
Manager Water Regulation, North.  
WaterNSW

[n2018-1790]

## Other Government Notices

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### ANTI-DISCRIMINATION ACT 1977

#### EXEMPTION ORDER

Under the provisions of section 126 of the *Anti-Discrimination Act 1977*, an exemption is given from sections 8 and 51 of the *Anti-Discrimination Act 1977* to **Protech Personnel (NSW) Pty Ltd** to designate and recruit up to 50 apprenticeships or traineeships per year for Aboriginal and Torres Strait Islander persons only.

This exemption will remain in force for two years.

Dated this 23rd day of May 2018

Elizabeth Wing  
Senior Manager, Operations  
Delegate of the President  
Anti-Discrimination Board of NSW

[n2018-1791]

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### ANTI-DISCRIMINATION ACT 1977

#### EXEMPTION ORDER

Under the provisions of section 126 of the *Anti-Discrimination Act 1977*, an exemption is given from sections 8 and 51 of the *Anti-Discrimination Act 1977* to **Penrith City Council** to designate and recruit a Specialist Aboriginal Child Care Worker position for Aboriginal and Torres Strait Islander persons only.

This exemption will remain in force for ten years.

Dated this 23rd day of May 2018

Elizabeth Wing  
Senior Manager, Operations  
Delegate of the President  
Anti-Discrimination Board of NSW

[n2018-1792]

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### ASSOCIATIONS INCORPORATION ACT 2009

#### Cancellation of registration pursuant to section 80

TAKE NOTICE that RED GUM HOUSE INC (Y1092244) became registered under the *Corporations Act 2001* as RED GUM HOUSE LTD

(ACN 623 771 666), a company limited by guarantee, on 31 January 2018, and accordingly its registration under the *Associations Incorporation Act 2009* is cancelled as of that date.

Robyne Lunney  
Delegate of the Commissioner,  
NSW Fair Trading  
21 May 2018

[n2018-1793]

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### ASSOCIATIONS INCORPORATION ACT 2009

#### Cancellation of registration pursuant to section 80

TAKE NOTICE that SATHYA SAI SCHOOL (NSW) INCORPORATED (Y2575702) became registered under the *Corporations Act 2001* as SATHYA SAI COLLEGE LIMITED (ACN 622 131 917), a company limited by guarantee, on 9 October, 2017, and accordingly its registration under the *Associations Incorporation Act 2009* is cancelled as of that date.

Robyne Lunney  
Delegate of the Commissioner,  
NSW Fair Trading  
21 May 2018

[n2018-1794]

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**ASSOCIATIONS INCORPORATION ACT 2009**

Cancellation of registration pursuant to section 80

TAKE NOTICE that NEW/LAKE PEER SUPPORT INC (Y0975841) became registered under the *Corporations Act 2001* as NEW LAKE PEER SUPPORT LIMITED (ACN 620 148 147), a company limited by guarantee, on 28 July, 2017, and accordingly its registration under the *Associations Incorporation Act 2009* is cancelled as of that date.

Robyne Lunney  
Delegate of the Commissioner,  
NSW Fair Trading  
21 May 2018

[n2018-1795]

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**ASSOCIATIONS INCORPORATION ACT 2009**

Cancellation of registration pursuant to section 80

TAKE NOTICE that WESTERN COLLEGE INCORPORATED (Y0120034) became registered under the *Corporations Act 2001* as WESTERN COLLEGE LIMITED (ACN 623 162 818), a company limited by guarantee, on 16 February 2018, and accordingly its registration under the *Associations Incorporation Act 2009* is cancelled as of that date.

Robyne Lunney  
Delegate of the Commissioner,  
NSW Fair Trading  
21 May 2018

[n2018-1796]

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**ASSOCIATIONS INCORPORATION ACT 2009**

Cancellation of registration pursuant to section 80

TAKE NOTICE that COONAMBLE ABORIGINAL HEALTH SERVICE INC. (INC9874974) became registered under the *Corporations Act 2001* as COONAMBLE ABORIGINAL HEALTH SERVICE LIMITED (ACN 622 356 405), a company limited by guarantee, on 19 October 2017, and accordingly its registration under the *Associations Incorporation Act 2009* is cancelled as of that date.

Robyne Lunney  
Delegate of the Commissioner,  
NSW Fair Trading  
21 May 2018

[n2018-1797]

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**ASSOCIATIONS INCORPORATION ACT 2009**

Cancellation of registration pursuant to section 80

TAKE NOTICE that WANDIYALI A.T.S.I. INCORPORATED (Y2768001) became registered under the *Corporations Act 2001* as WANDIYALI (ACN 617 498 450), a company limited by guarantee, on 20 February 2017, and accordingly its registration under the *Associations Incorporation Act 2009* is cancelled as of that date.

Robyne Lunney  
Delegate of the Commissioner,  
NSW Fair Trading  
21 May 2018

[n2018-1798]

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**ASSOCIATIONS INCORPORATION ACT 2009**

Cancellation of registration pursuant to section 80

TAKE NOTICE that THE ETHICS CENTRE INCORPORATED (Y0955702) became registered under the *Corporations Act 2001* as THE ETHICS CENTRE LIMITED (ACN 094 609 015), a company limited by

guarantee, on 8 February 2017, and accordingly its registration under the *Associations Incorporation Act 2009* is cancelled as of that date.

Robyne Lunney  
Delegate of the Commissioner,  
NSW Fair Trading  
21 May 2018

[n2018-1799]

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**ASSOCIATIONS INCORPORATION ACT 2009**

Cancellation of registration pursuant to section 80

TAKE NOTICE that NORTHERN RIVERS CHILDCARE SERVICES INCORPORATED (Y0162845) became registered under the *Corporations Act 2001* as NORTHERN RIVERS CHILDREN'S SERVICES LTD

(ACN 616 099 775), a company limited by guarantee, on 24 November 2016, and accordingly its registration under the *Associations Incorporation Act 2009* is cancelled as of that date.

Robyne Lunney  
Delegate of the Commissioner,  
NSW Fair Trading  
21 May 2018

[n2018-1800]

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**ASSOCIATIONS INCORPORATION ACT 2009**

Cancellation of registration pursuant to section 80

TAKE NOTICE that WENTWORTH DISTRICT HOSTEL SOCIETY INCORPORATED (Y0679011) became registered under the *Corporations Act 2001* as MURRAY HOUSE WENTWORTH AGED CARE LTD

(ACN 620 639 483), a company limited by guarantee, on 24 July 2017, and accordingly its registration under the *Associations Incorporation Act 2009* is cancelled as of that date.

Robyne Lunney  
Delegate of the Commissioner,  
NSW Fair Trading  
21 May 2018

[n2018-1801]

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**ASSOCIATIONS INCORPORATION ACT 2009**

Cancellation of registration pursuant to section 80

TAKE NOTICE that NORTH COAST CHILDRENS HOME INC (Y0746321) became registered under the *Corporations Act 2001* as CASPA SERVICES LTD (ACN 616 968 819), a company limited by guarantee, on 23 January, 2017, and accordingly its registration under the *Associations Incorporation Act 2009* is cancelled as of that date.

Christine Gowland  
Delegate of the Commissioner,  
NSW Fair Trading  
22 May 2018

[n2018-1802]

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**ASSOCIATIONS INCORPORATION ACT 2009**

## Cancellation of registration pursuant to section 80

TAKE NOTICE that AUSTRALIAN HANDBALL FEDERATION INCORPORATED (Y1779000) became registered under the *Corporations Act 2001* as AUSTRALIAN HANDBALL FEDERATION LIMITED (ACN 616 783 754), a company limited by guarantee, on 28 April 2017, and accordingly its registration under the *Associations Incorporation Act 2009* is cancelled as of that date.

Robyne Lunney  
Delegate of the Commissioner,  
NSW Fair Trading

22 May 2018

[n2018-1803]

**ASSOCIATIONS INCORPORATION ACT 2009**

## Cancellation of incorporation pursuant to section 74

TAKE NOTICE that the incorporation of the following associations is cancelled by this notice pursuant to section 74 of the *Associations Incorporation Act 2009*.

CHERRYBROOK CARLILE SWIMMING CLUB INCORPORATED	INC9889866
COFFS HARBOUR 'MAKING A DIFFERENCE' INC	INC1600127
THE HAWKESBURY CREATIVE ARTS CENTRE INCORPORATED	y2414538
KOONAWARRA SENIORS COMMUNITY GROUP INCORPORATED	INC1401476
THE SCHOOL OF THE HEART INCORPORATED	INC9880155
SUMMERLAND EARLY INTERVENTION PROGRAMME INC	Y0543732

Cancellation is effective as at the date of gazettal.

Dated this 23 May 2018.

Robyne Lunney  
Delegate of the Commissioner  
NSW Fair Trading

[n2018-1804]

**ASSOCIATIONS INCORPORATION ACT 2009**

## Cancellation of registration pursuant to section 80

TAKE NOTICE that ACCESS SYDNEY COMMUNITY TRANSPORT INCORPORATED (Y1507730) became registered under the *Corporations Act 2001* as ACCESS SYDNEY COMMUNITY TRANSPORT LTD (ACN 625 823 029), a company limited by guarantee, on 17 May 2018, and accordingly its registration under the *Associations Incorporation Act 2009* is cancelled as of that date.

Christine Gowland  
Delegate of the Commissioner,  
NSW Fair Trading  
23 May 2018

[n2018-1805]

**ASSOCIATIONS INCORPORATION ACT 2009**

## Cancellation of Registration pursuant to Section 76

TAKE NOTICE that the registration of the following associations is cancelled by this notice pursuant to section 76 of the *Associations Incorporation Act 2009*.

AUSTRALIAN INTERNATIONAL DEVELOPMENT ENTERPRISES INCORPORATED	INC1600695
BANBAI BUSINESS ENTERPRISES INCORPORATED	Y2987623
BEYOND BORDERS COMMUNITY INCORPORATED	INC9888506

FRIENDS OF THE GREENWAY INCORPORATED	INC9888632
GOOD NEWS CHURCH INCORPORATED	Y2827407
GREAT LAKES CANOE CLUB INCORPORATED	Y3047335
GUNDY COMMUNITY INCORPORATED	Y1781118
JACQUA CREEK LANDCARE GROUP INCORPORATED	INC9876823
LOUTH PARK RESIDENTS GROUP INCORPORATED	INC1600132
MUMS FOR MUMS SUPPORT INCORPORATED	INC1501157
OFF THE BLOCKS SWIM CLUB INCORPORATED	INC1501341
PORTLAND HERITAGE GROUP INCORPORATED	INC9896462
THE STUART PEAKE MEMORIAL CANCER RESEARCH TRUST INCORPORATED	INC9878719

Cancellation is effective as at the date of gazettal.

Dated this 23rd day of May 2018.

Robyne Lunney  
 Delegate of the Commissioner  
 NSW Fair Trading

[n2018-1806]

### CRIMES (ADMINISTRATION OF SENTENCES) ACT 1999

GOVERNOR

I, General The Honourable David Hurley AC DSC (Ret'd), Governor of the State of New South Wales, with the advice of the Executive Council, and pursuant to section 225(1) and 225(3) of the *Crimes (Administration of Sentences) Act 1999*, do, by this Proclamation, declare the area described hereunder and all buildings erected thereon, to be a correctional centre within the meaning of the *Crimes (Administration of Sentences) Act 1999* and I further declare that the correctional centre shall be known as Shortland Correctional Centre, viz:

All that piece or parcel of land situate in the local government area of Cessnock, Parish of Pokolbin and County of Northumberland, being part of lot 3 Deposited Plan 76202, shown by the shading on Plan Catalogue No 57502 in the Plan Room of the NSW Department of Finance, Services & Innovation, reproduced hereunder and having an area of 5.55 hectares or thereabouts.

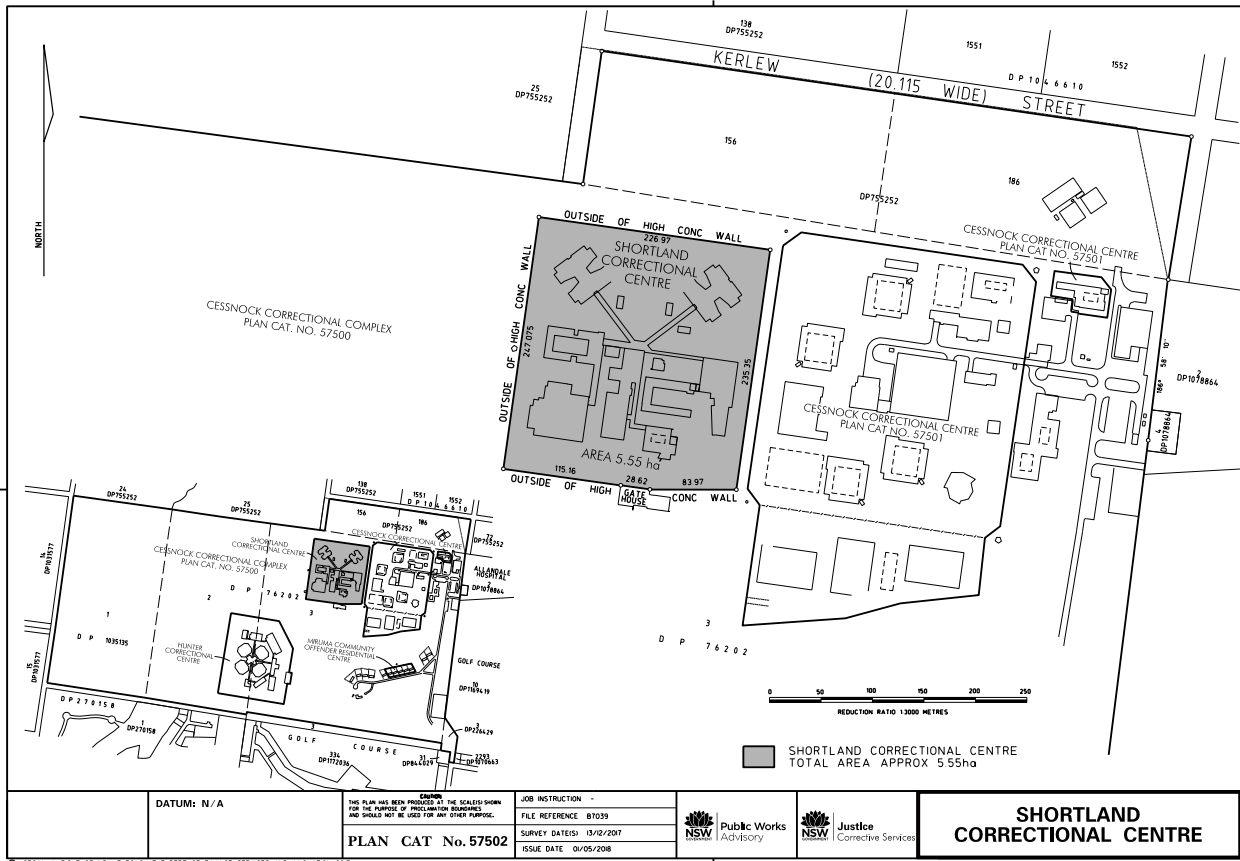
This proclamation is to take effect on and from the date of publication in the NSW Government Gazette.

Signed and sealed at Sydney, this 23 day of May 2018.

By His Excellency's Command.

David Elliott MP  
 Minister for Corrections

GOD SAVE THE QUEEN!



[n2018-1807]

**CRIMES (ADMINISTRATION OF SENTENCES) ACT 1999**

GOVERNOR

I, General The Honourable David Hurley AC DSC (Ret'd), Governor of the State of New South Wales, with the advice of the Executive Council, and pursuant to section 225(4) of the *Crimes (Administration of Sentences) Act 1999*, do, by this Proclamation, vary the Proclamation of Cessnock Correctional Centre published in the Government Gazette on 1 March 2002 and varied on 23 April 2010, 15 February 2013 and 10 October 2014; and in variation thereof, I declare the area described hereunder and all buildings erected thereon, to be the Cessnock Correctional Centre, viz:

All that piece or parcel of land situate in the local government area of Cessnock, Parish of Pokolbin and County of Northumberland, being part of lot 3 Deposited Plan 76202, shown by the shading on Plan Catalogue No 57501 in the Plan Room of the NSW Department of Finance, Services & Innovation, reproduced hereunder and having an area of 8.76 hectares or thereabouts.

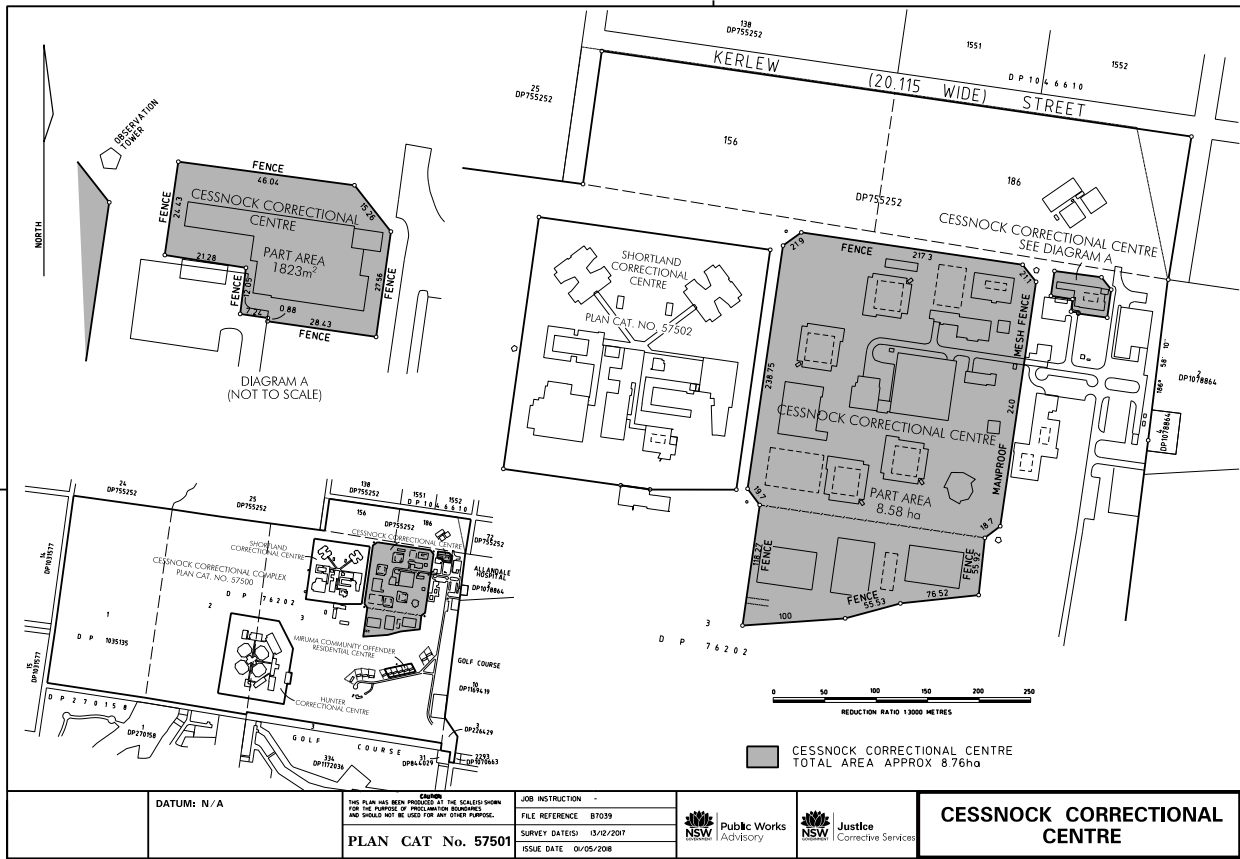
This proclamation is to take effect on and from the date of publication in the NSW Government Gazette.

Signed and sealed at Sydney, this 23 day of May 2018.

By His Excellency's Command.

David Elliott MP  
Minister for Corrections

GOD SAVE THE QUEEN!



[n2018-1808]

**CRIMES (ADMINISTRATION OF SENTENCES) ACT 1999**

GOVERNOR

I, General The Honourable David Hurley AC DSC (Ret'd), Governor of the State of New South Wales, with the advice of the Executive Council, and pursuant to section 224(3) of the *Crimes (Administration of Sentences) Act 1999*, do, by this Proclamation, vary the Proclamation of the Cessnock Correctional Complex published in the Government Gazette on 1 March 2002 and varied on 19 September 2008, 23 April 2010, 14 October 2011, 15 February 2013 and 10 October 2014; and in variation thereof, I declare the area described hereunder and all buildings erected thereon, to be the Cessnock Correctional Complex, viz:

All that piece or parcel of land situate in the local government area of Cessnock, Parish of Pokolbin and County of Northumberland, being part of lot 1 Deposited Plan 1035135, lot 2 and part of lot 3 Deposited Plan 76202, lot 3 Deposited Plan 226429 and lots 156 and 186 Deposited Plan 755252, shown by the shading on Plan Catalogue No 57500 in the Plan Room of the NSW Department of Finance, Services & Innovation, reproduced hereunder and having an area of 132.4 hectares or thereabouts.

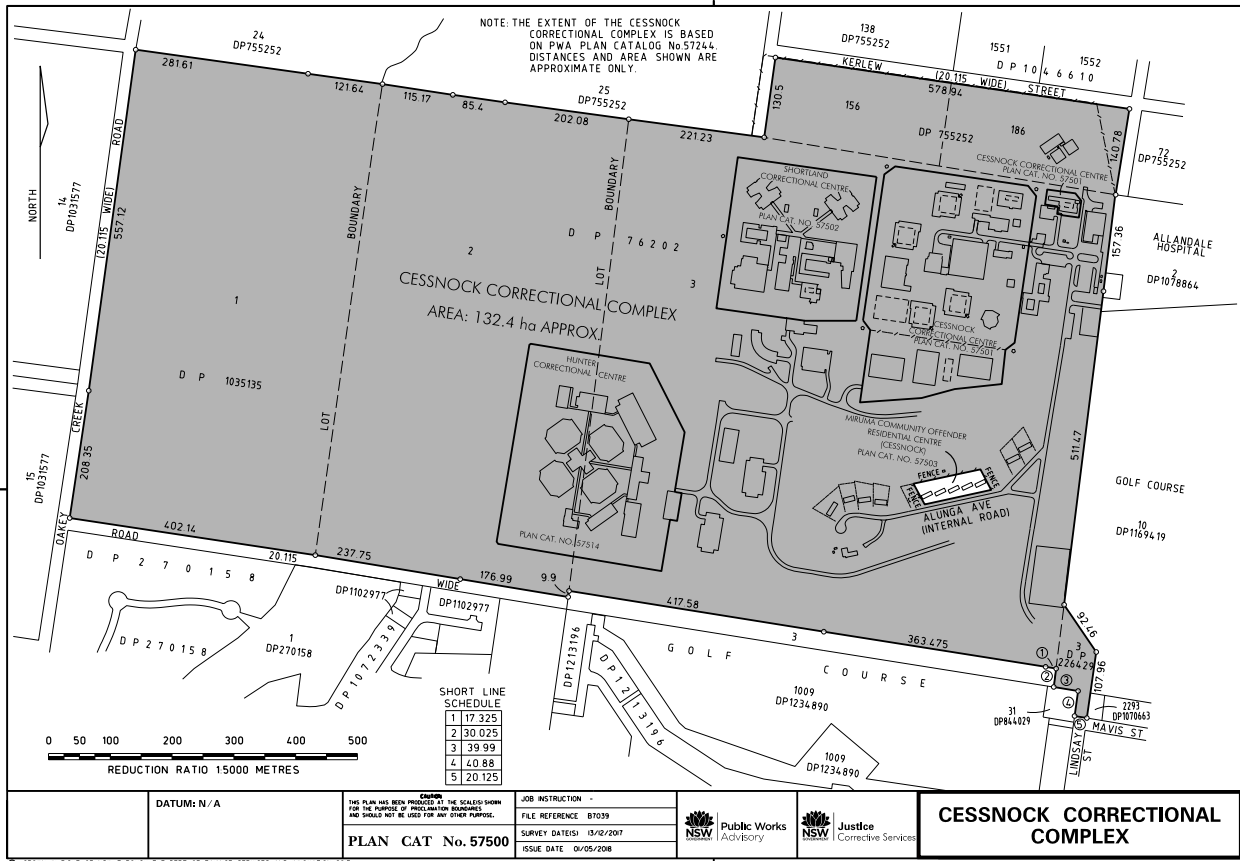
This proclamation is to take effect on and from the date of publication in the NSW Government Gazette.

Signed and sealed at Sydney, this 23 day of May 2018.

By His Excellency's Command.

David Elliott MP  
Minister for Corrections

GOD SAVE THE QUEEN



[n2018-1809]

**DISTRICT COURT ACT 1973**  
District Court of New South Wales  
Direction

Pursuant to section 173 of the *District Court Act 1973*, I direct that the District Court shall sit in its criminal jurisdiction at the place and time shown as follows:

Coffs Harbour	10am	11 February 2019 (4 weeks) <b>Special Fixture</b>
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Dated this 21st day of May 2018  
Justice D Price AM  
Chief Judge

[n2018-1810]

**PARENTS AND CITIZENS ASSOCIATIONS INCORPORATION ACT 1976**  
Section 13 (4)  
NOTICE OF INCORPORATION OF PARENTS AND CITIZENS ASSOCIATIONS

The following associations are hereby incorporated under the *Parents and Citizens Associations Incorporation Act 1976*.

1. Lucas Heights Community School
2. Ladysmith Public School



3. Castlereagh Public School
4. Tumbarumba Public School

Michael Waterhouse  
General Counsel  
Department of Education  
22 May 2018

[n2018-1811]

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## POISONS AND THERAPEUTIC GOODS ACT 1966

NSW Ministry of Health

I, KERRY CHANT, Chief Health Officer, a delegate of the Secretary, NSW Health make this instrument under the *Poisons and Therapeutic Goods Act 1966*.

Kerry Chant  
Chief Health Officer

10 May 2018

Delegation: (PH427)

### Authorisation to Supply a Restricted Substance Poisons and Therapeutic Goods Act 1966 Section 10(4)(d)

#### 1. Application

This instrument applies to a person employed in one of the classes of persons described in Schedule 1 to supply the restricted substance oseltamivir pursuant to clauses 53, 170 and 171 of the *Poisons and Therapeutic Goods Regulation 2008* and subject to the conditions herein.

#### 2. Definition

In this instrument:

“*Residential Care Facility*” means a residential facility at which a person is provided with residential care within the meaning of section 41-3 of the *Aged Care Act 1997*.

#### 3. Conditions

- 1) The oseltamivir must be obtained from the NSW State Vaccine Centre at Toll Transport Pty Ltd, 2 Alspec Place, Eastern Creek.
- 2) The oseltamivir must be securely stored within the temperature range on the manufacturer's pack.
- 3) The administration of the oseltamivir must be only to residents of the Residential Care Facility.
- 4) The oseltamivir must be administered by a registered nurse employed at the Residential Care Facility or an authorised practitioner.
- 5) The administration of the oseltamivir by a registered nurse employed at the Residential Care Facility must be in accordance with a written order, signed and dated by an authorised practitioner.
- 6) The person who administers the oseltamivir must record the administration on the patient's medical record.

#### 4. Duration

This instrument shall remain valid while an officer authorised under this instrument is employed in the position described in Schedule 1 or until revoked or replaced by another instrument.

#### 5. Schedule 1

The Manager; or Care Manager; or Director of Nursing; or Nurse Unit Manager; or Operations Manager; or any person assigned with the role of managing a Residential Care Facility.

#### 6. Previous instruments

This instrument replaces previous related instruments signed by the Deputy Chief Pharmacist on 10 July 2017 and the Chief Pharmacist on 21 June 2017.

[n2018-1812]



**POISONS AND THERAPEUTIC GOODS ACT 1966**

**LEGAL INSTRUMENT**

**Authority to Supply**

PUSUANT to clauses 170 and 171 of the *Poisons and Therapeutic Goods Regulation 2008*, I, Dr Kerry Chant, Chief Health Officer, a duly appointed delegate of the Secretary of the New South Wales Ministry of Health, do hereby grant authority to registered nurses (being a specific class of persons under clause 170(4)) to supply those restricted substances listed in the Schedule underneath subject to the following conditions:

- (1) The registered nurse is an Accredited Registered Nurse under NSW Health Policy Directive PD2018\_014 *RN Supply and Administration of STI Therapies in Publicly Funded Sexual Health Services*.
- (2) The supply by the Accredited Registered Nurse is in the course of employment at a public health organisation (within the meaning of the *Health Services Act 1997*) in accordance with NSW Health Policy Directive PD2018\_014 *RN Supply and Administration of STI Therapies in Publicly Funded Sexual Health Services*.
- (3) The restricted substance is supplied by an Accredited Registered Nurse under a Nurse Medication Protocol in section 3 of NSW Health Policy Directive PD2018\_014 *RN Supply and Administration of STI Therapies in Publicly Funded Sexual Health Services*

This authority is for the purpose of clause 53 of the *Poisons and Therapeutic Goods Regulation 2008* and published in the NSW Government Gazette under clause 170(4) of the Regulation.

**SCHEDULE**

azithromycin

doxycycline

ceftriaxone

metronidazole

Dated: Sydney,

Dr KERRY CHANT

Chief Health Officer

Ministry of Health, New South Wales

15/05/2018

[n2018-1813]

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**POISONS AND THERAPEUTIC GOODS REGULATION 2008**

**ORDER**

**Restoration of Drug Authority**

In accordance with the provisions of clause 175(1) of the *Poisons and Therapeutic Goods Regulation 2008* a direction has been issued that the Order that took effect on and from 2 August 2017, on **Dr Toby Roy INNES (MED0001628686)** of Waterloo, NSW 2017, prohibiting him as a medical practitioner from supplying or having possession of drugs of addiction as authorised by clause 101 of the Regulation, and issuing a prescription for a drug of addiction as authorised by clause 77 of the Regulation, shall cease to operate on and from 28 May 2018.

Dated at Sydney, 22 May 2018

ELIZABETH KOFF

Secretary

NSW Health

[n2018-1814]

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**PRACTICE NOTE SC CL 5**

**Supreme Court Common Law Division – General Case Management List**

**Commencement**

1. This Practice Note commences on 18 May 2018.

## Application

2. This Practice Note applies to **Urgent Applications** in civil proceedings in the Common Law Division of the Supreme Court.
3. This Practice Note should be read in conjunction with other Common Law Division Practice Notes and specifically those of the individual lists.

## Definitions

4. In this Practice Note:

**Registrar** means the Registrar (Common Law Case Management)

**Duty Judge** means the Judge appointed from time to time to be the Judge of the Common Law Duty List

**Duty Registrar** means a Registrar appointed by the Prothonotary to consider applications by parties and provide procedural advice and assistance to both practitioners and litigants in chambers on Level 5 of the Supreme Court.

**List Judge** means the judge appointed by the Chief Justice to be the List Judge for the Common Law Division.

**UCPR** means the *Uniform Civil Procedure Rules 2005*

## Introduction

5. The purpose of this Practice Note is to outline the practice and procedure to be adopted in respect of Urgent Applications in the Common Law Division.
6. Reference should also be made to the Common Law Division Practice Note SC CL 6 for the Possession List and particularly paragraphs 29 to 36.

## Urgent Applications

7. A Duty Judge is available to deal with urgent applications. Some urgent applications may be dealt with by a Duty Registrar, an Associate Judge or another Judge.
8. Urgent applications in existing proceedings should be made by Motion, supported by an affidavit.
9. Other than in exceptional circumstances, urgent applications may not be made by telephone.
10. Urgent applications that are made in ordinary business hours must be reviewed by the rostered Duty Registrar before they are filed and before the Duty Judge is approached. The rostered Duty Registrar is available on Level 5 of the Supreme Court building between 9:30 AM and 4:30 PM Monday to Friday (excluding Public Holidays). Telephone calls seeking to make an urgent application during normal business hours will be referred to the rostered Duty Registrar to review and make appropriate directions.
11. The rostered Duty Registrar may direct that relevant documents be filed and any fees paid before the matter is referred to a Judge.
12. If the rostered Duty Registrar or the Duty Judge considers that the application is not urgent, it may be listed later before the Registrar or a Judge.
13. Only if exceptional circumstances arise which require an urgent application to be made outside ordinary hours, may the application be made directly to the Duty Judge. Such an application must be made by contacting the Judge's Associate through the Security Officer of the Supreme Court of New South Wales on the out-of-hours number published on the Court's website.
14. Parties who contact the Duty Judge's Associate directly in other circumstances will be referred to the Duty Registrar.
15. Parties who directly attend before the Duty Judge in Court will be referred to the Duty Registrar.
16. The Duty Registrar will consider whether the application concerns existing proceedings; whether the application is urgent and ready to proceed; whether it can be dealt with by the Duty Registrar; or whether it must be referred to the Duty Judge or the List Judge.
17. Matters dealt with by the Duty Judge will not usually be listed further in the Duty list, if they will take more than two hours to hear. In that event they will be referred to the List Judge or Registrar for allocation of a hearing date.
18. Urgent applications for stays of writs in the Possession List will be dealt with as provided in the Possession List Practice Note.

19. Urgent applications for Freezing Orders (also known as “Mareva Orders” or “Asset Preservation Orders”) must be made in accordance with Practice Note SC Gen 14 – Freezing Orders.

**Injunctive Relief**

20. Where applications for urgent injunctive relief are made, the Court expects the moving party to have sought agreement as to undertakings from the defendant(s) prior to making the application and unless special circumstances exist, to have notified the defendant(s) of the application.
21. If the parties agree that the case warrants an urgent final hearing and are in a position to agree on an interim injunctive regime until the matter is determined, they should be ready to inform the Court of: an accurate estimate of the timeframe within which the matter will be ready for hearing; an accurate estimate of the time for the trial; and available dates for their respective counsel.

T F BATHURST AC  
Chief Justice of New South Wales

18 May 2018

**Related Information:**

Practice Note SC Gen 1 Supreme Court – Application of Practice Notes

Practice Note SC Gen 6 Supreme Court – Mediation

Practice Note SC Gen 14 Supreme Court – Freezing Orders (also known as ‘Mareva orders’ or ‘asset preservation orders’)

*Civil Procedure Act 2005*

*Uniform Civil Procedure Rules 2005*

**Amendment History:**

18 May 2018: This Practice Note replaces former Practice Note SC CL 5 which was issued on 8 May 2018.

8 May 2018: This Practice Note replaces former Practice Note SC CL 5 which was issued on 5 December 2006.

5 December 2006: Practice Note SC CL 5 was issued on 5 December 2006 and commenced on 29 January 2007.

17 August 2005: Practice Note SC CL 5 was issued on 17 August 2005 and replaced former Practice Note No.128.

[n2018-1815]

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**SURVEYING AND SPATIAL INFORMATION ACT 2002**

Registration of Surveyors

PURSUANT to the provisions of the *Surveying and Spatial Information Act 2002*, Section 10(1) (a), the undermentioned persons have been Registered as a Land Surveyor in New South Wales

Name	Address	Effective Date
WARWICK Mitchell Aaron	PO Box 77 Broadmeadow 2292	21 May 2018

Narelle Underwood  
President

Jill Flynn  
Acting Registrar

[n2018-1816]

# COUNCIL NOTICES

## ALBURY CITY COUNCIL

Local Government Act 1993 Section 713

Sale of Land for Overdue Rates and Charges

NOTICE is hereby given to the persons named hereunder, that Albury City Council has resolved, in pursuance of Section 713 of the *Local Government Act 1993*, to sell the land described hereunder of which the persons named are known to the Council to be the owners or to have an interest in the land on which the amount of rates stated, as at 21 May 2018, is due:

Owners or person having interest in land (a)	Description of land (b)	Amount of rates (including extra charges) overdue for more than five (5) years (c) \$	Amount of all other rates (including extra charges) payable and unpaid (d) \$	Total (e) \$
J Ekanayaka	Lot 264 DP738018 19 Nardoo Court, Thurgoona NSW 2640	\$1,447.45	\$15,850.26	\$17,297.71
D M Petz	Lot 76 DP39384 1022 Calimo Street, North Albury NSW 2640	\$1,406.17	\$13,599.96	\$15,006.13

In default of payment to the Council of the amount stated in column (e) above and any other rates (including extra charges) becoming due and payable after this notice or any arrangements satisfactory to the Council for payment of all such rates being entered into by the rateable person before the time fixed for the sale, the said land will be offered for sale by public auction by PRDnationwide of 429 Swift Street, Albury NSW 2640, at 2.00pm, on Thursday, 13 September 2018 at The Albury Club, 519 Kiewa Street, Albury NSW 2640. Any person who wishes to make enquiries can contact Albury City Council, Chief Financial Officer, Justin Finlayson, 553 Kiewa Street, Albury NSW 2640. T: 02 6023 8111.

Mr Frank Zaknich, General Manager, Albury City Council, 553 Kiewa Street, ALBURY NSW 2641.

[n2018-1817]

## GOULBURN MULWAREE COUNCIL

ROADS ACT 1993, Section 16

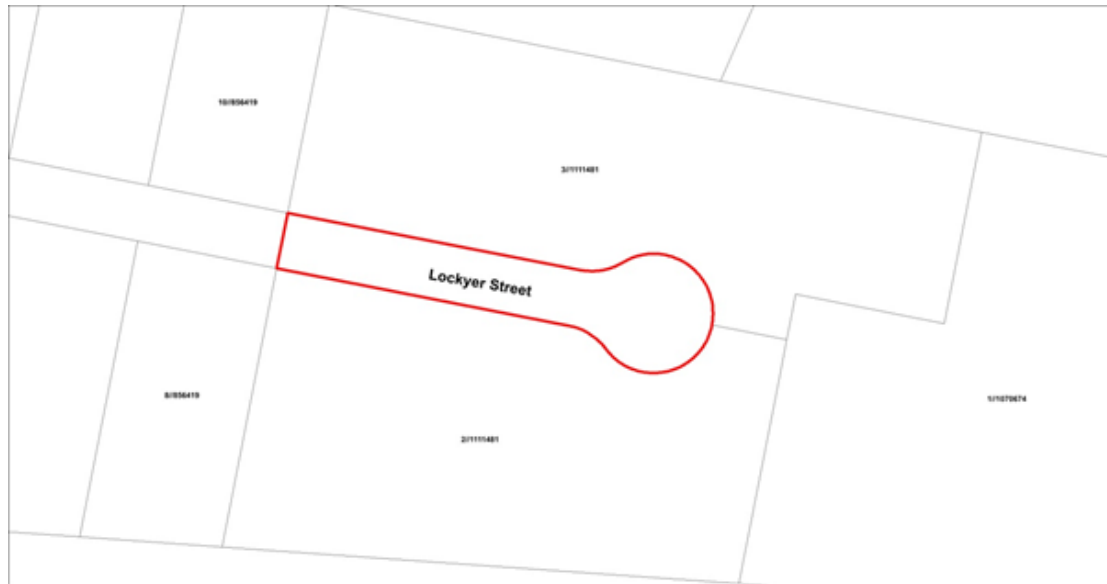
Dedication of Land as Public Road

Notice is hereby given that in accordance with the provisions of section 16 of the *Roads Act 1993*, the land held by Council as described in the Schedule below is hereby dedicated as public road.

Warwick Bennett, General Manager, Goulburn Mulwaree Council, Locked Bag 22, Goulburn NSW 2580

**Schedule**

The land known as past Lots 8 and 10 DP 1238214 (current legal description Lots 2 and 3 DP 1111481) Lockyer Street, Goulburn in the Parish of Goulburn County of Argyle as shown highlighted on the plan below.



[n2018-1818]

**LAKE MACQUARIE CITY COUNCIL**

**ROADS ACT 1993**

**Naming of Roads**

Notice is hereby given that Lake Macquarie City Council, pursuant to section 162 of the *Roads Act 1993*, has officially named the road(s) as shown hereunder:

<b>Name</b>	<b>Locality</b>
ODETTE STREET	Cameron Park
<b>Description</b>	
Subdivision of Lot 259 DP 1097561 at 33 Ridgemont Avenue CAMERON PARK	

<b>Name</b>	<b>Locality</b>
COTTERILL LANE	Highfields
<b>Description</b>	
Access lane not public road, over Lot 198 DP 18348, 37A Highfields Parade HIGHFIELDS servicing properties 1 - 47 Highfields Parade and 2 - 50 Kahibah Road HIGHFIELDS.	

MORVEN CAMERON, Chief Executive Officer, Lake Macquarie City Council, PO Box 1906, WARABROOK NSW 2310

GNB Ref: 0100

[n2018-1819]

**MID-WESTERN REGIONAL COUNCIL**

Naming of a Bridge on a Public Road

John Newman Bridge

NOTICE is hereby given that Council has named the bridge shown hereunder:

Location	Name
Bridge over McDonalds Creek on Hill End Road, Erudgere.	John Newman Bridge

BRAD CAMM, General Manager, PO Box 156, 86 Market Street, MUDGEE NSW 2850, tel.: (02) 63782850, fax: (02) 63782815, email: council@midwestern.nsw.gov.au

[n2018-1820]

**SHELLHARBOUR CITY COUNCIL**

ERRATUM

Roads Act 1993, Section 16

Notice of Dedication of Land as Public Road

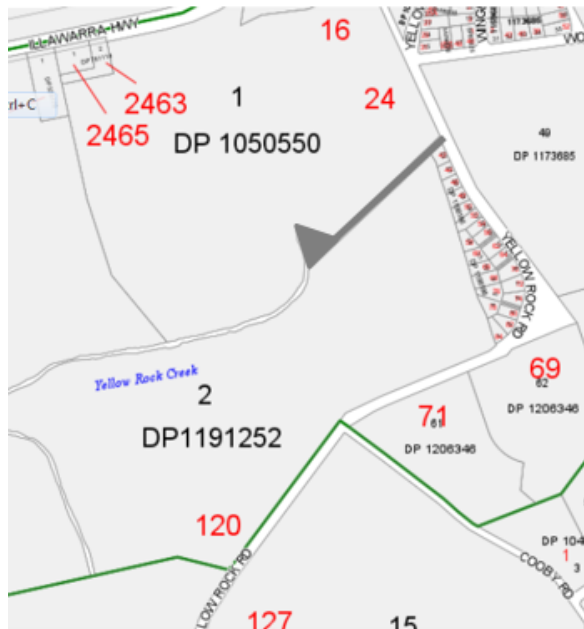
In the notice appearing in the New South Wales Government Gazette No 50 of 11 May 2018, folio 2891 specified the land being in the Parish of Terragong. Notice is hereby given that the land described in the Schedule below is in the Parish of Jamberoo.

**SCHEDULE**

*Parish – Jamberoo; County – Camden*

*Land District – Shellharbour; LGA – Shellharbour*

- Description: All that piece or parcel of land defined as Road 10.06 wide” shown on DP 1050550 and DP1230191, shown by grey colour in diagram hereunder.



Carey McIntyre, General Manager, The Council of the City of Shellharbour, Locked Bag 155, Shellharbour City Centre, NSW 2529

[n2018-1821]