

Attachment H

Use Group:	Sport and recreation
Use(s):	H. Lawn bowls

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Summaries of the key findings from this assessment are provided in the main Community Infrastructure Needs Analysis Key Findings & Recommendations report.

Detailed assessment results are provided in Part B to this report. Where available, Building Condition audits and Fitness for Purpose assessments that have informed the Suitability Assessment may be requested directly from Moorabool Shire Council.

Definition(s):

Lawn bowls:

Grass or synthetic green laid and marked out for the playing of lawn bowls.

Notes

Revision and update of the Quantity Standards

The Quantity Standards are directly informed by the current levels of public use that existing facilities receive and the findings of the *Recreation and Leisure Strategy (2015)*.

Existing infrastructure

The following facilities within Moorabool Shire were recorded through the Community Infrastructure Audit and assessed for this report:

Lawn bowls facilities	Managed and maintained by	# greens
Avenue Bowling Club	Private owner and operator	2
Bacchus Marsh Bowling Club	Private owner and operator	2
Ballan Bowling Club	Private owner and operator	1
Bungaree Recreation Reserve	Private owner and operator	1

Table H1: Existing infrastructure (within Moorabool Shire)

To inform the Travel Accessibility Assessment, the following facilities outside of but within 20 minutes' drive of towns within the Shire, were also recorded and mapped:

Lawn bowls facilities	# greens
Alfredton Recreation Reserve Alfredton, Alfredton	2
Ballarat Memorial Sports Bowling Club, Alfredton	1
Ballarat North Bowling Club, Soldiers Hill	2
Buninyong Bowls green, Buninyong	2
City Oval Bowling Club, Lake Gardens	3
Prince of Wales Park, Lake Gardens	1
Sebastopol Bowling Club, Sebastopol	3
Victoria Bowling Club Inc, Ballarat East	1

Table H2: Existing infrastructure (outside of Moorabool Shire)

A private bowling green at Underbank Boulevard in Bacchus Marsh is not accessible to the public and has been excluded from the assessment.

Quantity Assessment findings

Purpose

A strategic assessment to determine whether there are enough facilities in relation to population size.

The Quantity Assessment determines whether there is currently a suitable and sufficient quantity of services or facilities to meet the needs of the population of an area. It seeks to identify any under or over-provision that exists now and, using Council's population forecasts, may exist in the future.

Note regarding notation:

- *The needs analyses generally uses whole integers when referring to undersupply or oversupply. This is because it is often not possible in reality to provide fractions of facilities. Demand for 0.5 of a facility or greater has been rounded up to a figure of '1'.*
- *Figures that refer to an undersupply are prefixed with '-' and oversupply prefixed with '+'.*
- *The name 'Bacchus Marsh and Surrounds' refers to the urban areas of Darley, Bacchus Marsh and Maddingley.*

The Quantity Standard: Lawn bowls

Standard

used: *1 green per 10,000 persons (Total population)
Population trigger¹: 1,000 persons within a 20 minute drive*

Rationale: *1:10,000 ratio used by 2015 Rec & Leisure Strategy is appropriate as supports the current situation, that Bacchus Marsh, Ballan and rural areas have an adequate supply of greens that each have capacity for more use.*

Findings of the Quantity Assessment

Detailed results of the gap analysis comparing the audit of existing supply with the Quantity Standards are provided in Part B to this report.

Small towns and rural areas:

- The green at Bungaree Recreation Reserve is the only one within small towns and rural areas.
- The Quantity Standard of 1 green per 10,000 people suggests that the 1 green is adequate from a quantity perspective to serve all rural areas. However, due to travel distances, the reality is that the Bungaree green only serves communities in the central Rural West. For this reason, the results of the Quantity Assessment for small towns and rural areas should largely be ignored in favour of the results of the Travel Accessibility Assessment.
- When modelled together, the wider 'Ballan and the Rural West' is adequately served by the green at Bungaree and the green at Ballan, which have capacity to 2041 and beyond. Note, however, the above comment about travel distances.
- When modelled together the 'Bacchus Marsh and the Rural East' area is adequately provided by the 4 existing greens, which will be sufficient up to 2041 and beyond. Note, however, the above comment about travel distances.

¹ minimum cohort population required to trigger need for a facility

Ballan:

- Comparison with the Quantity Standard suggest the 1 green at Ballan Recreation Reserve will be adequate to meet demand up to 2041.

Bacchus Marsh and Surrounds:

- Bacchus Marsh and Surrounds⁴ currently has an over-supply of 2 greens which will be sufficient to meet demand up to 2041 and beyond.

Utilisation Assessment findings

Purpose

Facility-specific assessments that determine whether services and facilities have adequate capacity to meet community demand.

The Utilisation Assessment examines the current level of use of facilities and determines whether or not they have capacity to accommodate existing and/or increased use.

Findings of the Utilisation Assessment

Utilisation data for lawn bowls facilities was not sought from the private operators. Anecdotally it is understood that all greens have sufficient capacity to meet current demand. Council is not aware of any shortfalls in the quantity or capacity of any of the bowls clubs.

Should any concerns regarding the number, capacity or utilisation of lawn bowls facilities arise in future it is recommended to conduct a proper utilisation assessment.

Travel Accessibility Assessment findings

Purpose

A strategic assessment to determine whether people can travel to services and facilities within a reasonable journey time.

The Travel Accessibility Assessment examines the geographic distribution of existing facilities and their relationship to public transport (train station and bus stops) and car parking. It assesses whether facilities are accessible within a reasonable journey distance or time from where people live and identifies any significant spatial gaps in provision.

The Travel Standards

Standards

used:

- Settlements of population less than 500: 20 minute drive*
- Settlements of population between 500 and 2,000: 15 minute drive*
- Settlements of population more than 2,000: 10 minute drive*
- Population trigger²: 1,000 total population within a 20 minute drive*

Rationale:

The Travel Standards have been informed by various factors:

- *The geographic distribution of existing facilities and their distance from people.*
- *Minimum populations required to support viable services and facilities.*
- *Council and other service providers' financial ability to deliver and maintain a network of services and facilities.*

The above Travel Standard are the same for other sports facilities (cricket, football and soccer ovals and tennis and netball courts).

Findings of the Travel Accessibility Assessment

*Detailed results of the Travel Accessibility Assessment are provided in Part B to this report. Summary results are shown in **Table H3** and **Map H1** below.*

Small towns and rural areas:

Table H3 below provides tabular results of the assessment for each of the 22 small towns and rural areas; the same results are shown on Map H1.

- The green at Bungaree Recreation Reserve is the only one within small towns and rural areas. There are no greens within the Rural East.
- Most towns across the Rural West are within the Travel Standard from the greens at Bungaree, Ballan and Ballarat.
- Morrisons is the only small town that does not have a green within its Travel Standard, although Ballan Bowling Club is only 4 minutes beyond the Standard. Mt Wallace has only the 1 green at Bungaree within 20 minutes drive.

² Minimum population required to support a viable service / facility.

Ballan:

- Ballan meets its Travel Standard due to the green at Ballan Recreation Reserve.

Note: at present, Bacchus Marsh is the only settlement assessed as an urban area. As the population of Ballan grows, it may be appropriate to also apply the urban assessment to Ballan.

Bacchus Marsh and Surrounds:

- The 4 greens at Bacchus Marsh Bowling Club and Avenue Bowling Club are clustered in the east of Bacchus Marsh. However, all parts of the urban area other than the far north of Darley are within the '10 minute drive' Travel Standard.

Gap analysis results (Travel Accessibility Assessment) - maps

The following maps are provided in Part B to this report ('Detailed assessment data'):

Map H1: Travel Accessibility Assessment results for 'Lawn bowls'

	Population within range ³	Travel Standard	Standard met/failed	Actual journey time to 2 nearest facilities (as measured)	Comments
Balliang	<100	20 minute drive	✓	20 minutes: Avenue Bowling Club 20 minutes: Bacchus Marsh Bowling Club	All 4 greens in Bacchus Marsh are just within the Travel Standard
Balliang East	100-200	20 minute drive	✓	13 minutes: Avenue Bowling Club 13 minutes: Bacchus Marsh Bowling Club	All 4 greens in Bacchus Marsh are within the Travel Standard
Barkstead	<100	20 minute drive	✓	15 minutes: Bungaree Recreation Reserve 22 minutes: Ballan Bowling Club	2 Moorabool greens within Travel Standard in addition to Victoria Bowling Club in Ballarat
Blackwood	200-500	20 minute drive	✓	20 minutes: Ballan Bowling Club 26 minutes: Bacchus Marsh Bowling Club	Ballan is just within the travel Standard
Bungaree	100-200	20 minute drive	✓	1 minutes: Bungaree Recreation Reserve 9 minutes: Victoria Bowling Club, Ballarat	1 Moorabool green within Travel Standard plus several greens in Ballarat. Ballan Bowling Club is 16 minutes.
Clarendon	100-200	20 minute drive	✓	9 minutes: Buninyong Bowls green 16 minutes: Sebastopol Bowling Club	2 non-Moorabool facilities within Travel Standards. Closest Moorabool green is Ballan Bowling Club (28 minutes)
Dales Creek	200-500	20 minute drive	✓	16 minutes: Ballan Bowling Club 22 minutes: Bacchus Marsh Bowling Club	Ballan is within Travel Standard and Bacchus Marsh is only 2 minutes beyond.
Dunnstown	200-500	20 minute drive	✓	5 minutes: Bungaree Recreation Reserve 13 minutes: Victoria Bowling Club, Ballarat	Several Moorabool and non-Moorabool facilities within the Travel Standard.
Elaine	<100	20 minute drive	✓	17 minutes: Buninyong Bowls green 24 minutes: Sebastopol Bowling Club	2 non-Moorabool facilities within Travel Standards. Closest Moorabool green is Bungaree Recreation Reserve (27 minutes)
Gordon	500-2000	15 minute drive	✓	10 minutes: Ballan Bowling Club 10 minutes: Bungaree Recreation Reserve	2 Moorabool greens plus 3 Ballarat greens within Travel Standard
Greendale	500-2000	15 minute drive	✓	12 minutes: Ballan Bowling Club 18 minutes: Bacchus Marsh Bowling Club	Ballan, Bacchus Marsh and Avenue Bowling Club are all within Travel Standard
Hopetoun Park	500-2000	15 minute drive	✓	7 minutes: Avenue Bowling Club 7 minutes: Bacchus Marsh Bowling Club	All 4 greens in Bacchus Marsh are within the Travel Standard

³ Travel Standards have been assigned to small towns according to population ranges. As larger populations can support a wider range of services and facilities, travel distance / time standards are generally less (i.e. better) for larger settlements. For more information regarding this methodology refer to the Moorabool Community Infrastructure Planning Process on Council's website.

	Population within range ³	Travel Standard	Standard met/failed	Actual journey time to 2 nearest facilities (as measured)	Comments
Korweinguboora	200-500	20 minute drive	✓	15 minutes: Ballan Bowling Club 17 minutes: Bungaree Recreation Reserve	2 greens at Ballan and Bungaree within Travel Standard.
Lal Lal	200-500	20 minute drive	✓	12 minutes: Buninyong Bowls green 15 minutes: Bungaree Recreation Reserve	Bungaree Rec Reserve plus several Ballarat greens within Travel Standard.
Morrison's	<100	20 minute drive	✗	24 minutes: Ballan Bowling Club 25 minutes: Buninyong Bowls green	No greens within Travel Standard through Ballan is only 4 minutes beyond.
Mt Egerton	200-500	20 minute drive	✓	11 minutes: Ballan Bowling Club 12 minutes: Bungaree Recreation Reserve	Greens at Ballan, Bungaree and Buninyong within the Travel Standard.
Mt Wallace	<100	20 minute drive	✓	14 minutes: Ballan Bowling Club 26 minutes: Bungaree Recreation Reserve	Ballan is the only green within the Travel Standard
Myrniong	200-500	20 minute drive	✓	10 minutes: Ballan Bowling Club 13 minutes: Bacchus Marsh Bowling Club	All 4 greens within Bacchus Marsh and the green at Ballan are within the Travel Standard
Navigators	200-500	20 minute drive	✓	7 minutes: Victoria Bowling Club 9 minutes: Buninyong Bowls green	Closest greens are non-Moorabool but Bungaree is also within Travel Standard (11 minutes)
Wallace	200-500	20 minute drive	✓	4 minutes: Bungaree Recreation Reserve 12 minutes: Victoria Bowling Club	Bungaree, Ballan and Ballarat greens within Travel Standard
Yendon	200-500	20 minute drive	✓	7 minutes: Buninyong Bowls green 11 minutes: Bungaree Recreation Reserve	Greens at Bungaree and Ballarat are within Travel Standard.

Table H3: results of the Travel Accessibility Assessment for small towns

- ✓ Travel Standard met,
- ✗ Travel Standard failed

Suitability Assessment findings

Purpose

Facility-specific assessments that determine whether facilities are fit for their purpose and in adequate physical condition.

The Suitability Assessment seeks to determine how suitable facilities are in terms of supporting the services or community activities delivered through them.

Findings of the Suitability Assessment

None of the bowling greens within the Shire are owned or operated by Moorabool Shire Council. As such, Suitability Assessments were not conducted.

If Council is requested to contribute financially to improvements at any bowling greens or club facilities, it is strongly recommended that Fitness for Purpose Assessments be conducted prior to deciding on Council investment.