



WELCOME

TO THE WEST

West Wimmera Shire Council

AGENDA

COUNCIL MEETING

Wednesday 16 August 2023
2:00 pm

Council Chambers
Edenhope Council Offices
49 Elizabeth Street, Edenhope Vic
3318

PUBLIC ACCESS

Open to the public and Live streaming from
Council's website:

www.westwimmera.vic.gov.au





Councillors and Shire Map



MAYOR
Cr. Tim Meyer



**DEPUTY
MAYOR**
**Cr. Jodie
Pretlove**



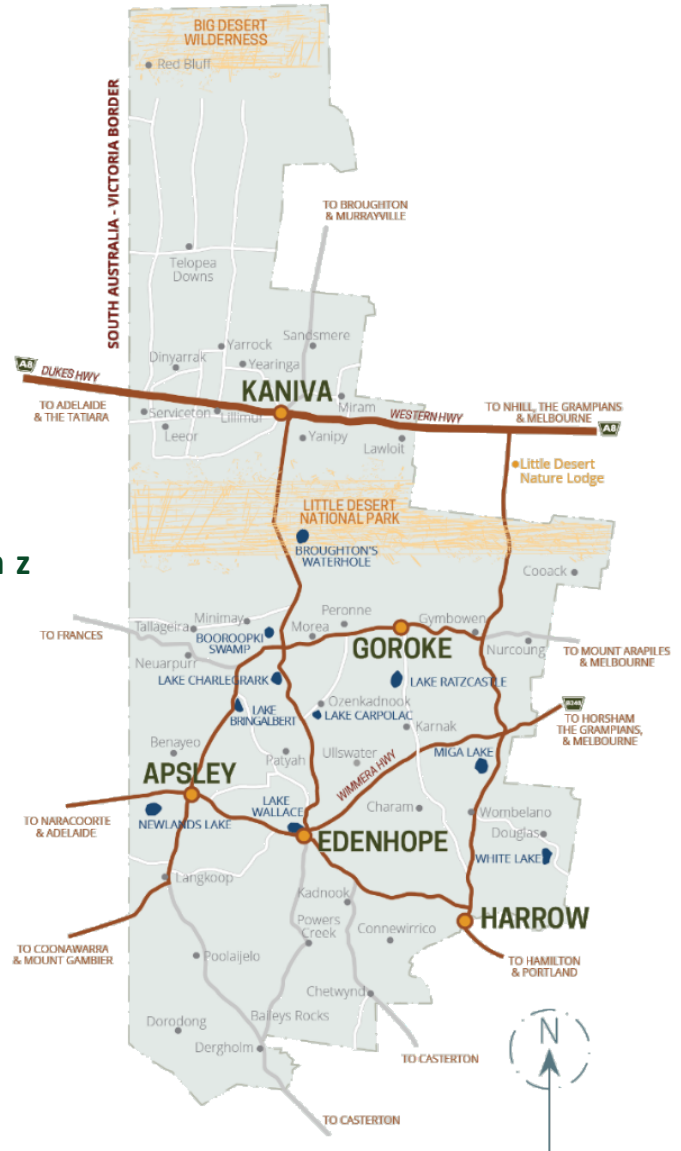
**Cr. Trevor
Domaschenz**



**Cr. Tom
Houlihan**



**Cr. Bruce
Meyer OAM**





COUNCIL VISION

Our West Wimmera community is healthy, thriving, diverse, harmonious, prosperous, and self-sustaining, with regional and global connectivity.

OUR VALUES

INNOVATIVE – We will proactively respond to change, are optimistic about our future and pursue continuous improvement in everything that we do.

ACCOUNTABLE – We will be responsible, take ownership of our actions and are committed to good governance, excellence, transparency, achievement of goals and advocating for our community

UNITED – We will do everything within our ability to encourage and form trusting relationships, to work together as one team to achieve our goals and advocate for ‘One West Wimmera’.

COLLABORATIVE – We will actively and openly consult with you and work constructively with community organisations, agencies, the business community and other levels of government to our community’s benefit.

OUR GOALS





Purpose of Council meetings

- (1) Council holds scheduled meetings and, when required, unscheduled meetings to conduct the business of Council.
- (2) Council is committed to transparency in decision making and, in accordance with the Local Government Act 2020, Council and Delegated Committee meetings are open to the public and the community are able to attend.
- (3) Meetings will only be closed to members of the public, in accordance with section 66 of the Act, if:
 - (a) there are clear reasons for particular matters to remain confidential; or
 - (b) a meeting is required to be closed for security reasons; or
 - (c) it is necessary to enable the meeting to proceed in an ordinary manner.
- (4) A meeting closed to the public for the reasons outlined in sub-rule 3(b) or 3(c) will continue to be livestreamed. In the event a livestream is not available:
 - (a) the meeting may be adjourned; or
 - (b) a recording of the proceedings may be available on the Council website

The West Wimmera Shire Council Governance Rules set out the meeting procedure rules for this Council Meeting.

Members of the public are reminded that they are required to remain silent during this meeting, except during Section 5 Questions from the Gallery.

This Council meeting will be recorded for live streaming.

Councillors pledge

As Councillors of West Wimmera Shire Council, we solemnly and sincerely declare and affirm that we will consider each item on this agenda in the best interests of the whole municipal community.



REQUIRED TO ATTEND:

Councillors:

Tim Meyer, Mayor
Jodie Pretlove, Deputy Mayor
Tom Houlihan
Bruce Meyer OAM

Executive Leadership Team:

David Bezuidenhout - Chief Executive Officer (CEO)
James Bentley - Director Corporate & Community Services (DCCS)
Ram Upadhyaya - Director Infrastructure Development & Works (DIDW)



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1 Welcome

2 Acknowledgement of Country

The West Wimmera Shire Council acknowledges the traditional custodians of the land on which we meet, and pays respect to their elders, past, present and emerging.

3 Opening Prayer

Almighty God, we humbly ask your blessing upon this Council. Guide and prosper our decisions to the advancement of Your Glory and the true welfare of the people of West Wimmera Shire. Amen.

4 Apologies, Leave of Absences, Declaration of Conflict of Interest

4.1 Apologies

4.2 Leave of Absence

Councillor Trevor Domaschenz is on leave of absence from the 19th of July 2023 til the 17th of October 2023

4.3 Declaration of Conflict of Interest

All Councilors have a personal responsibility to ensure they are aware of the provisions mandated in the Local Government Act 2020 with regard to Conflict of Interest disclosures.



5 Questions from the Gallery

5.1 Written Questions on Notice

Governance Rules – Division 8 Section 53:

53.4 Questions submitted to Council can be submitted as follows:

53.4.1 In writing, stating the name and address of the person submitting the question and generally be in a form approved or permitted by Council; and

53.4.2 Placed in the receptacle designated for the purpose at the place of the meeting at least two hours prior to the Council meeting, or be lodged electronically at the prescribed email address at least two hours prior to the Council meeting.

53.5 No person may submit more than two questions at any one meeting.

The Question on Notice template is available from the Edenhope and Kaniva Council Offices, and from Council's website.

Written Questions on Notice submitted to Council no later than the deadline of 5:00pm on the Monday in the previous week to the relevant Council Meeting, will be included in the agenda.

Written Questions submitted subsequent to that deadline can be lodged electronically to KaddieCother@westwimmera.vic.gov.au, no later than two hours prior to the Council Meeting.

Written Question:

Anthony Lees: Charam Drainage

I would like to know why drainage has been approved to drain swamps in the Charam area without any consideration given to roads and landholders downstream?



5.2 Verbal Questions without Notice

RECOMMENDATION:

That Council suspend Standing Orders for the purpose of receiving questions without notice from the members of the Gallery.

Time permitting, this section of the Agenda allows members of gallery to ask verbal questions of Councillors, following the removal of standing orders and when prompted by the Mayor (Governance Rules Division 8 S53.4.3)

Members of the Gallery providing verbal questions without notice at a Council Meeting must state their name, to be recorded in the minutes (Governance Rules Division 8 S53.4.4)

No person may submit more than two questions at any one meeting (Governance Rules Division 8 S53.5)

RECOMMENDATION:

That Council resume Standing Orders.



6 Delegates Reports

Delegate Reports are for providing feedback on formal council business and are for information only

6.1 Councillor Tim Meyer (Mayor)

Date	Event
24/07/2023	Unscheduled Council Meeting
26/07/2023	WWTAC Meeting
31/07/2023	Community Support Funding Guidelines Workshop
02/08/2023	Councillor Forum
04/08/2023	RFA August Meeting
08/08/2023	Strategic Leadership Meeting
11/08/2023	CEMAC Meeting
11/08/2023	Unscheduled Council Meeting
16/08/2023	Pre- Council Meeting
16/08/2023	Council Meeting

6.2 Councillor Jodie Pretlove (Deputy Mayor)

Date	Event
24/07/2023	Unscheduled Council Meeting
28/07/2023	WSMRTG Meeting
31/07/2023	Community Support Funding Guidelines Meeting
02/08/2023	Councillor Forum
08/08/2023	Strategic Leadership Team Meeting
11/08/2023	CEMAC Meeting
11/08/2023	Unscheduled Council Meeting
16/08/2023	Pre-Council Meeting
16/08/2023	Council Meeting

6.3 Councillor Trevor Domaschenz

No Delegate Report – Cr Trevor Domaschenz currently on Leave of Absence

6.4 Councillor Tom Houlihan



Date	Event
24/07/2023	Unscheduled Council Meeting
31/07/2023	Community Support Funding Guidelines Meeting
02/08/2023	Councillor Forum
11/08/2023	CEMAC Meeting
11/08/2023	Unscheduled Council Meeting
16/08/2023	Pre-Council Meeting
16/08/2023	Council Meeting

6.5 Councillor Bruce Meyer OAM

Date	Event
24/07/2023	Unscheduled Council Meeting
31/07/2023	Community Support Funding Guidelines Meeting
02/08/2023	Councillor Forum
11/08/2023	CEMAC Meeting
11/08/2023	Unscheduled Council Meeting
16/08/2023	Pre-Council Meeting
16/08/2023	Council Meeting

7 Condolences

Nil



8 Confirmation of Previous Minutes

8.1 Council Meeting held on Wednesday, 19th July 2023

RECOMMENDATION:

That the Minutes of the Council Meeting held on Wednesday, 19th July 2023 be taken as an accurate record and confirmed.

Attachments

Nil

8.2 Unscheduled Council Meeting held on Monday, 24th July 2023

RECOMMENDATION:

That the Minutes of the Unscheduled Council Meeting held on Monday, 24th July 2023 be taken as an accurate record and confirmed.

Attachments

Nil



9 Business Arising From Previous Minutes

10 Notices of Motion

There were no Notices of Motion submitted for the agenda.

11 Councillor Forum Record

11.1 Councillor Forum Record Wednesday, 2nd August 2023

RECOMMENDATION:

That the Record for the Councillor Forum Record Wednesday, 2nd August 2023 be received and noted.

12 Deputations and Petitions

There were no Petitions or Deputations submitted for the agenda.

13 Chief Executive Officer

No Reports



14 Corporate and Community Services

14.1 Intention to hold an event - Edenhope Fishing Competition

Directorate: Corporate and Community Services

Report Author: Community Development and Tourism Manager

Report Purpose: For Decision

Introduction

Council has received a request from the Edenhope Fishing Competition Committee for in-kind support in relation to the Edenhope Fishing Competition, which will take place between 3 November to 6 November 2023. This request seeks in-kind support in the period leading up to, during, and immediately following the Competition. Such support may be available under the proposed amendments to the Council Grants Policy and the Quick Response Grants Guideline. Preliminary calculations suggest that the in-kind support requested by the Edenhope Fishing Committee would amount to approximately \$3,000 to \$4,000, but the exact quantum cannot be accurately determined until further information is provided by the Committee.

Declaration of Interest

No officer declared an interest under the Local Government Act 2020 (LGA 2020) in the preparation of this report.

Background

The Edenhope Fishing Competition commenced in 2017 and continued for three years before the COVID-19 lockdowns forced its cancellation. Reports indicate that the event has attracted more than 500 people in the past and makes a substantial contribution to the local economy.

The Competition has previously been provided with permission from both Council and DEECA (Department of Energy, Environment and Climate Action) allowing competitors to camp at designated spots on the Lake Wallace foreshore. Landowner consent from DEECA has been received subject to conditions listed in the letter dated 7/8/2023 (attached).

In addition, the lighting of small campfires by participating campers has been authorised, subject to the proviso that no firewood is to be collected from the foreshore area and that all campfires must comply with CFA regulations including fire ban rules. The Competition's proposed camping rules are identified on the map which is attached to this briefing report. The Committee requests that these permissions will apply to the 2023 Edenhope Fishing Competition.



The President of the Edenhope Fishing Competition Committee, has submitted a request (please refer to the attachment) for Council to provide in-kind support for the event. The support requested includes:

- Use of Council rubbish bins and skip bins. Additional janitorial services during event times, emptying of fixed bins and cleaning of public toilets.
- Use of Council portable toilets.
- Assistance with preparations on the lake foreshore in the weeks preceding the event, specifically mowing.
- Assistance by the Local Laws Officer during the event. In the past Councils Local Laws Officer has opened and closed the event using the WWSC scare gun and he has assisted by ensuring that event patrons comply with regulations.

Risk Management Implications

Risk identified:

Environmental risk

Safety risk

Social risk

Legislative Implications

The report complies with the requirements of the:
Local Government Act 2020

Environmental Implications

Environmental Risk rating has been assessed as: Low

Financial and Budgetary Implications

The financial risk rating has been assessed as: Low

Policy Implications

This report is supported by the following West Wimmera Shire Council Policy/s:

Recreation Policy

Tourism Policy

Council Plan Implications

This report supports the following sections of the West Wimmera Shire Council Plan 2021 – 2025:



Goal 1 – Liveable & Healthy Community

- 1.1 Create a healthy, active, and vibrant community.
- 1.5 Support and encourage our events, cultural and arts communities.

Goal 2 – Diverse and Prosperous Economy

- 2.2 Promote the Shire as a great place to visit, live and invest.
- 2.3 Facilitate the development of the local economy and jobs.

Goal 3 – Sustainable Environment

- 3.1 Preserve and enhance the natural environment.

Communication Implications

No Communication Implications

Gender Equality

Not Applicable

Conclusion

The Edenhope Fishing Competition's return after a long hiatus has the potential to provide significant economic and social benefits to the local community. It is for Council to determine whether those potential benefits justify the provision of the in-kind support requested by the Edenhope Fishing Competition Committee.

OFFICER RECOMMENDATION:

That Council:

- **Considers the request from the Edenhope Fishing Competition Committee to allow camping only on the foreshore areas of Lake Wallace which are designated in green on the map of Lake Wallace accompanying this report for the period Friday 3 November 2023 to Sunday 5 November 2023 inclusive.**
- **Does not allow any camping to take place under the canopy of any tree located on any part of the Lake Wallace foreshore.**
- **Considers the request from the Edenhope Fishing Competition Committee to allow Competition campers to light small campfires for the sole purpose of private meal preparation subject at all times to Country Fire Authority conditions and regulations for the period Friday 3 November 2023 to Sunday 5 November 2023 inclusive.**
- **Directs Officers to advise the Edenhope Fishing Competition Committee that if it seeks any in-kind support from Council whatsoever, it is required to lodge a formal**



request for such support in accordance with the provisions of Council's Quick Response Grants Guideline.

Attachments

1. EVEN T 00001 - application - 10635394 - Intention to Hold an [**14.1.1** - 6 pages]
2. Lake Wallace Map Edenhope Fishing Competition 2023 [**14.1.2** - 1 page]
3. wwsc letter [**14.1.3** - 1 page]

Intention to Hold an Event. Event Support Request 2023/2024
Intention to Hold an Event. Event Support Request
Application No. EVENT00001 From Edenhope Fishing Competition Inc.
Form Submitted 18 Jul 2023, 4:11PM AEST

Intention to Hold an Event. Event Support Application Form

* indicates a required field

Contact Details

Event Name *

Edenhope Fishing Competition

Applicant *

Edenhope Fishing Competition Inc.

Applicant Address *

109 Elizabeth St

Edenhope VIC 3318 Australia

Address Line 1, Suburb/Town, State/Province, Postcode, and Country are required.

Applicant Phone Number *

0427 094 103

Must be an Australian phone number.

Applicant Email *

edenhopefishingcompetition@gmail.com

Must be an email address.

Applicant Website or Facebook

Must be a URL.

Who is this location owned or managed by? *

- Council
- Crown
- Private

Location

Where is this event to be held? *

Lake Wallace Lake

Location address *

55 Lake Street Edenhope Vic 3318

Please provide a letter of support from the land owner/manager

No files have been uploaded

Please provide a site plan of how the site will be used and location of activities *

Filename: lake comp plan.pdf

File size: 1.2 MB

Intention to Hold an Event. Event Support Request 2023/2024
Intention to Hold an Event. Event Support Request
Application No. EVENT00001 From Edenhope Fishing Competition Inc.
Form Submitted 18 Jul 2023, 4:11PM AEST

Event Details

How often will this event be held? *

- Single Event
- Monthly
- Quarterly
- Annually

Event Setup Date *

03/11/2023
Must be a date.

Event Start Date *

04/11/2023
Must be a date.

Event End Date *

05/11/2023
Must be a date.

Event Pack Up Date *

06/11/2023
Must be a date.

Expected audience numbers *

500

Cost of entry to the event? *

- Free
- Ticketed

Ticket costs

50

Brief description of the event. Include details such as proposed camping, fires or entertainment. *

This event will run the same as 2017, 2018 & 2019.

We need camping opened up around the lake for this event. Fire to be allowed if no fire bans. And we always encourage fires to be contained. Food stalls at Henley park for other clubs to make money. Event itself will be both bank and boat fishing and then a presentation Sunday.

Further Information about holding an Event.

Please refer to our Event Planning Guide for information on what other documents, plans or strategies you may need when holding an event. Risk and Emergency Management are essential considerations in any public or private event.

Read more here: <https://www.westwimmera.vic.gov.au/Events/Planning-an-Event>

Checklist

Intention to Hold an Event. Event Support Request 2023/2024
Intention to Hold an Event. Event Support Request
Application No. EVENT00001 From Edenhope Fishing Competition Inc.
Form Submitted 18 Jul 2023, 4:11PM AEST

This checklist will assist to determine which permissions, permits and licences are required for this event.

Will your event require road closures? *

- Yes
 No

If yes, you must submit an Application for Temporary Road Closure to council no later than 6 weeks prior to the event.

Will the event require traffic management? *

- Yes
 No

Will your event have food stalls? *

- Yes
 No

If yes, all food vendors must be registered with FoodTrader. Visit <https://foodtrader.vic.gov.au/> to register (This was formally Streatrader).

Will you be allowing alcohol at your event? *

- Yes
 No

If yes, obtain a liquor licence from the Victorian Commission for Gambling and Liquor Regulation at www.vcglr.vic.gov.au

How many people including volunteers and entertainers etc. are you expecting at your event? *

500 plus

If you require assistance to recruit volunteers, please contact the event and volunteer support officer at Council on 13 99 72 or by emailing volunteersupport@westwimmera.vic.gov.au.

Is the building or venue enclosed or mostly enclosed, or do you intend to install temporary fencing or other barriers? *

- Yes
 No

Will the event use public toilets? *

- Yes
 No

Will the event require waste management, including rubbish or sewerage. *

- Yes
 No

Do you intend to install a tent, marquee, booths or prefabricated buildings? *

- Yes
 No

If yes, what size will they be?

6x3

Will the event have a stage or platform? *

- Yes

Intention to Hold an Event. Event Support Request 2023/2024
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No

If yes, what size?

Will the event have a seating stand? *

Yes
 No

If yes, how many people will it seat?

Cancellation plan - under what circumstances the event will be cancelled? Who will be contacted? Provide details: *

Dangerous weather. Every one will be aware. We also will let council know

Please upload any other applicable documents here:

No files have been uploaded

Promotion

Website link (if applicable)

Facebook link (if applicable)

<https://www.bing.com/ck/a?!&&p=318842b4ecca8377JmltdHM9MTY4OTU1MjAwMCZpZ3VpZD0yYjkwZmU1NS1YTBJLTy5OWMtMGY1ZC1mMwVlZWl5MzY4ZjkmaW5zaWQ9NTE3OQ&ptn=3&hsh=3&fclid=2b90fe55-ea0c-699c-0f5d-f1eeeb9368f9&psq=Edenhope+fishing+competition&u=a1aHR0cHM6Ly93d3cuZmFjZWJvb2suY29tL3Blb3BsZS9FZGVuaG9wZXMtQW5udWwFsLUZpc2hpbmctQ29tcGV0aXRpb24vMTAwMDU0MzI1OTM4MzQ3Lw&ntb=1>

Youtube (if applicable)

Upload event poster or image (if applicable)

No files have been uploaded

Please provide any other promotion information or requests here

In Kind Support/Sponsorship Request

What is a grant? A grant is a service provided by Council. This could be support by way of funding, services or in kind support such as traffic management, risk management assistance, maintenance, waste and refuge support or other support as available and approved.

Do you require a meeting to determine what support you require/would like to request? *

Yes
 No

Intention to Hold an Event. Event Support Request 2023/2024
Intention to Hold an Event. Event Support Request
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Please describe what further support you require here if not listed in the below table *

We are early stages of planning so numbers on what we need are hard to guess

In Kind Requirements

Qty Required	In-Kind Item
Must be a number.	Item that you wish Council to provide
1	Waste Trailer with Rubbish Bins
4	Star Pickets by lots of 10
4	Orange bunting by lots of 10 metres
10	Mowing/Onsite Maintenance per hour approx.
10	Traffic management signs
1	Traffic management plan
10	Traffic Cones
1	Dial Before you Dig Access
5	Cleaning of facilities per hour approx.
20	Portable Toilets
10	Event Support per hour approx.
	Other

Declaration

I declare that all the information supplied in this application is true and correct and I am authorised to sign on behalf of the organisation. Applicants will be liable for ensuring dial before you dig permits(unless specifically agreed to by council), and will be liable for any public infrastructure including underground services such as power, phone, water or sewerage lines, during the course of the event.

I agree to this declaration *

Yes

Name *

Kalla Colgate

Date *

17/09/2023

Must be a date.

















West Wimmera Shire Council is committed to ensuring events hosted within the municipality are of the highest possible standard in relation to safety, delivery and experience.

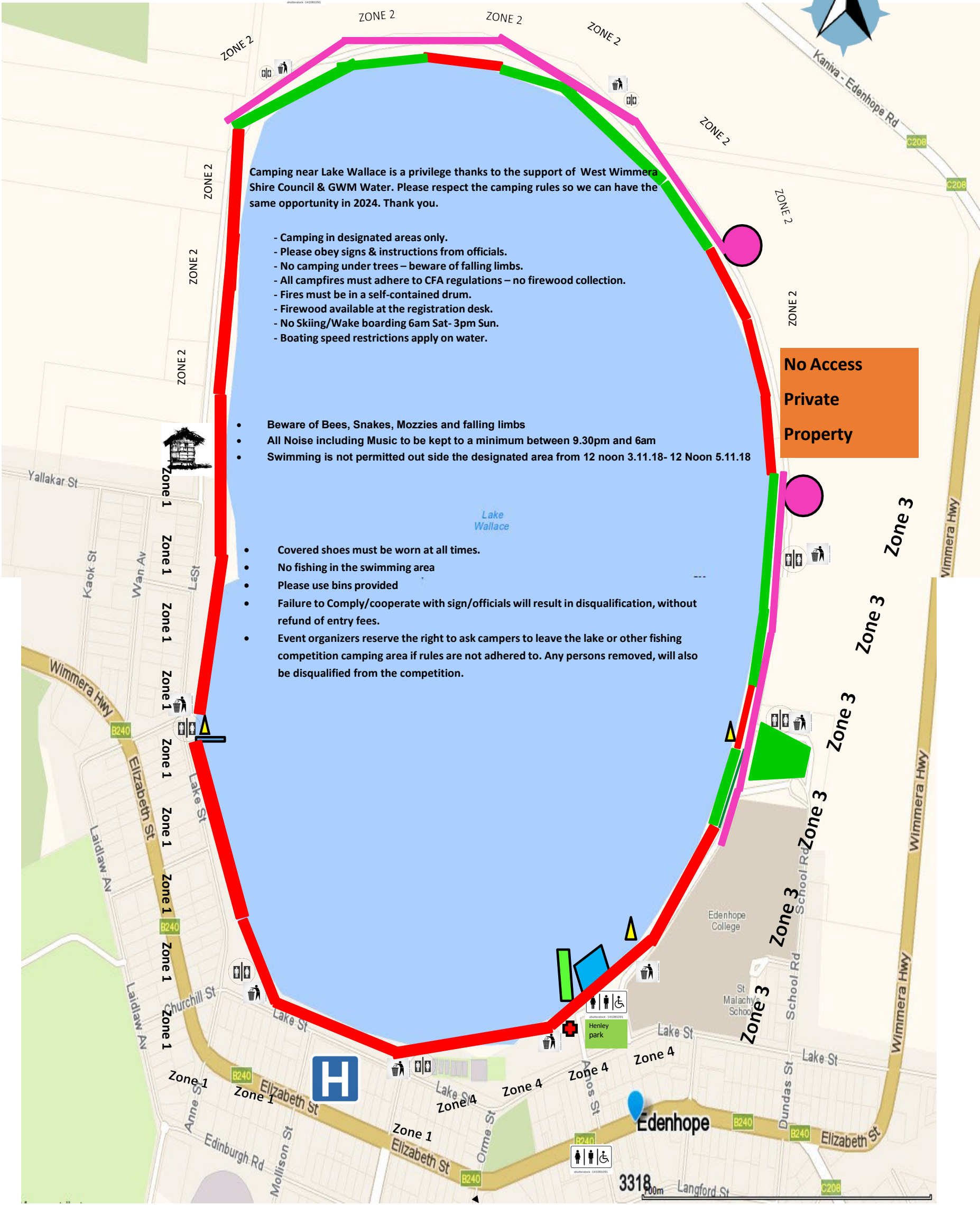
Organising an event can be a complex task. Council has a number of departments that are responsible for authorising approval for different elements of events.

Intention to Hold an Event. Event Support Request 2023/2024
Intention to Hold an Event. Event Support Request
Application No. EVENT00001 From Edenhope Fishing Competition Inc.
Form Submitted 18 Jul 2023, 4:11PM AEST

West Wimmera Shire Council has developed an Event Management Guide to assist event organisers by providing information, tools on event planning and outlining the legal requirements of running an event.

Copies are available from the council offices or can be downloaded at westwimmera.vic.gov.au. For assistance contact Amanda Munn | 13 99 72 | events@westwimmera.vic.gov.au.

 No camping	 Fishing Pier	 bin	 First Aid / Registration	 BIRD HIDE
 camping	 Boat Ramp	 Toilet	 Swimming Zone	 Edenhope Hospital
 Emergency Turn point	 Main Jetty	 Toilet	 Unsealed narrow road	
	 No Fishing	 Toilet		





Kalla Colgate
109 Elizabeth Street
Edenhope, Victoria 3318
0427094103
edenhopefishingcompetition@gmail.com

19/07/2023

West Wimmera Shire council
109 Elizabeth Street
Edenhope, VIC, 3318

Dear West Wimmera Shire council:

On behalf of the Edenhope fishing competition committee, I am writing to request the council's assistance in the operation of our event.

As in the past the committee request permission for patrons of the event to camp on bank of Lake Wallace in specified areas designated in the EMP map. Aligned to this request we would also seek permission for camping patrons to have a contained campfire, collection of firewood would not be permitted as indicated in the event rules.

We would also request the direct assistance of WWSC in the provision of the following items and services:

1. Use of the shires' rubbish bins and skip bin. Additional janitorial services during event times, emptying of permanent bins and cleaning of public toilets.
2. Use of the shires' portable toilets.
3. Assistance with preparations of the lake foreshore in the weeks preceding the event - Mowing.
4. Assistance by the Local Laws Officer – during the event. In the past Adrian has opened and closed the event by use of the WWSC scare gun and assisted with ensuring compliance of event patrons.

Sincerely,

Kalla Colgate

President

Edenhope Fishing Competition Committee.



14.2 Council Grants Policy and Community Quick Response Grants Guideline Amendments

Directorate: Corporate and Community Services

Report Author: Community Development and Tourism Manager

Report Purpose: For Decision

Introduction

The West Wimmera Shire Council Grants Policy provides an overarching framework for the grant streams administered by Council. Eligibility for the various grant streams is specified in the Guideline accompanying each stream. The Quick Response Grants Guideline currently provides for financial assistance only. This report outlines the amendments which are required to the Grants Policy and to the Quick Response Grants Guideline which will extend the ambit of Quick Response grants to include in-kind support from Council.

Declaration of Interest

No officer declared an interest under the Local Government Act 2020 (LGA 2020) in the preparation of this report.

Background

A minor amendment to the Quick Response Grants Guideline is required to enable In-kind calculations to be factored into an application to allow assessment by the Chief Executive Officer for approval.

The amendment includes the following changes to the Guideline:

- Purpose & Objectives
 - The Quick Response grants have been established to assist eligible organisations who require small amounts of monetary funding or in-kind support throughout the year to support
 - To seek in-kind support from Council
- Overview
 - A maximum monetary grant limit of \$1,000 will apply to any community group
 - Assessment of the appropriate level of in-kind support is to be determined with reference to resource availability and operational priorities
 - Deletion of the existing condition stating “Maximum of one successful application every four funding rounds per organisation”

To amend the Guideline, an amendment is also required to be made to the Grants Policy as follows:



- Funding Exclusions
 - Deletion of the exclusion specifying applicants who have received funding from Council within the last 12 months
- Eligibility
 - Addition of a condition specifying that the frequency of funding applications is determined within the individual funding guidelines

Risk Management Implications

Risk identified:

There are no obvious risks for Council to mitigate or eliminate regarding the proposal considered for funding support in this report.

Legislative Implications

The report complies with the requirements of the:
Local Government Act 2020

Environmental Implications

Nil

Financial and Budgetary Implications

Nil

Policy Implications

This report is supported by the following West Wimmera Shire Council Policy/s:

Council Grants Policy

Council Plan Implications

This report supports the following sections of the West Wimmera Shire Council Plan 2021 – 2025:

Goal 1 – Liveable & Healthy Community

1.4 Deliver quality services that support community life.

1.5 Support and encourage our events, cultural and arts communities.

1.7 Improve the liveability of the shire to assist in growing our population into the future.

Goal 2 – Diverse and Prosperous Economy

2.2 Promote the Shire as a great place to visit, live and invest.

2.3 Facilitate the development of the local economy and jobs.



Communication Implications

No Communication Implications

Gender Equality

Not Applicable

Conclusion

The proposed minor amendments to the Council Grants Policy and the Quick Response Grants Guideline will extend the ambit of the Quick Response grant stream to include in-kind support from Council.

OFFICER RECOMMENDATION:

That Council adopt the amended Council Grants Policy and the Quick Response Grants Guideline to enable the provision of in-kind support under the Quick Response grant stream.

Attachments

1. Council Grants Policy 2023 update 21072023 [**14.2.1** - 5 pages]
2. Quick Response Grant Guidelines 2023 updated 12072023 [**14.2.2** - 7 pages]



Council Grants Policy WEST WIMMERA SHIRE COUNCIL

COUNCIL POLICY	
COUNCIL GRANTS POLICY	Policy No:
	Adopted by Council:
	Next review date:
Senior Manager:	Director Corporate and Community Services
Responsible Officer:	Manager Community Development and Tourism
Functional Area:	Corporate and Community Services
Introduction & Background	Each year, Council operates a number of grant programs which enables Council to work in partnership with the community by providing financial support to extend the capacity of groups, businesses, and organisations to implement and sustain a wide range of local recreational, cultural, social, community and business support initiatives that make a positive contribution to the West Wimmera community.
Purpose & Objectives	<p>To provide Council with an overarching framework for the various grant's programs administered by Council to ensure that they are accessible, appropriate, fair, and equitable across all groups in the municipality.</p> <p>To provide a common standard of grants administration. Each specific grant program has its own criteria depending on the specific purpose of the grant scheme.</p> <p>The key objective of this policy is to:</p> <ol style="list-style-type: none"> 1. Outline Council's commitment to providing the community with funding. 2. Provide the framework for a transparent, equitable and inclusive process that is understood by the community 3. Identify Council's commitment to accountability through acquittal and evaluation processes. 4. Align grants with Council's strategic objectives and establish clear expectations for both Council and the Community <p>This policy refers to the following Guidelines:</p> <ol style="list-style-type: none"> 1. Community Strengthening Grant Guideline 2. Sponsorship and Contributions Grant Guideline 3. Quick Response Grant Guideline 4. Business Assistance Grant Guideline 5. Business Streetscape Grant Guideline



Council Grants Policy WEST WIMMERA SHIRE COUNCIL

Response to the Overarching Governance Principles of the Local Government Act 2020	<p>Section 9 of the <i>Local Government Act 2020</i> states that a Council must in the performance of its role give effect to the overarching governance principles.</p> <p>This policy is in response to the following overarching governance principle/s of the Local Government Act 2020:</p> <ul style="list-style-type: none"> (a) the community engagement principles (section 56). (b) the public transparency principles (section 58).
Policy Details	
1.	<p>Definitions</p> <p>'Grant' is a payment (monetary and/or in-kind) to an organisation, which is directed at achieving goals and objectives consistent with Council policy. The payment is conditional upon the recipient using the funds/in-kind for specific purposes set out in the terms and conditions of the grant guidelines and application form.</p>
2.	<p>Principles</p> <p>In administering the Council grant programs, Council undertakes to apply the following principles:</p> <ul style="list-style-type: none"> ▪ The administration and assessment of the grant program will be conducted in accordance with accepted standards of public accountability, probity and transparency of decision making. ▪ Council will apply the principles of democratic representation, social inclusion, and meaningful community engagement. ▪ The program will be administered on the basis of ethical and legal behaviour by West Wimmera Shire Council (WWSC) Councillors and employees. ▪ The grant programs will be regularly reviewed to ensure it remains responsive to emerging themes, issues, and trends in the community. ▪ Grant priorities will be set in accordance with Council's strategic objectives, budgetary resources and identified community needs. ▪ Each Grant program will have a clear set of guidelines. ▪ All applications will be assessed in accordance with the grant guidelines and Council's key strategic objectives as identified in the Council Plan, Strategies or Community Plans. ▪ Grant recipients will be required to publicly acknowledge Council's contribution as detailed in the funding agreement. ▪ 'Smartygrants' grant management system will be used by Council to administer all applications.



Council Grants Policy WEST WIMMERA SHIRE COUNCIL

3.	<p>Funding Exclusions</p> <hr/> <p>Council will not fund:</p> <ul style="list-style-type: none"> ▪ Retrospective funding for projects commenced prior to the application opening date for the grant being applied for. ▪ Fundraising activities. ▪ Staff wages and salaries and ongoing operational, maintenance or administrative costs. ▪ Ongoing projects or a duplication of existing services. ▪ Projects that do not involve the WWSC Community Services or activities which are considered to be primarily the responsibility of the State or Federal Governments. ▪ Applicants that have failed to correctly acquit funding with Council in the past. ▪ Any other funding proposal that does not meet the specific funding guideline.
4.	<p>Eligibility</p> <hr/> <ul style="list-style-type: none"> ▪ Council will consider grant applications from registered businesses and incorporated community groups that are legal entities based in West Wimmera Shire according to specific eligibility criteria and other conditions are outlined in the respective grants program guidelines. ▪ If the organisation is not a legal entity, an eligible organisation can apply on their behalf, through auspicing arrangements, provided the auspicing body has the necessary legal entity status to enter into a funding agreement with Council and agrees to administer funding on their behalf. <ul style="list-style-type: none"> ▪ Frequency of funding applications is determined within the individual funding guidelines
5.	<p>Application Process</p> <hr/> <ul style="list-style-type: none"> ▪ Applications will only be accepted on the forms made available by Council ▪ Complete responses must be provided to all questions on the application form. ▪ Applications not received by the closing date (if applicable) will not be considered. ▪ Applications must include all supporting documentation, where required, as per the guidelines. ▪
6.	<p>Assessment</p> <hr/> <ul style="list-style-type: none"> ▪ For each grant program, the appropriate Grants Assessment Team, will individually score applications received, based on meeting the agreed selection criteria for the specific grant program. The Grants Assessment Team will be comprised of Council staff only. ▪ Applications will be ranked accordingly and submitted with a recommendation to Council for decision regarding the distribution of grants funding. Exception is the



Council Grants Policy WEST WIMMERA SHIRE COUNCIL

	<p>Quick Response Grant whereby The Chief Executive Officer has the authorisation to approve the application upon consultation with councillors.</p> <ul style="list-style-type: none"> ▪ Decisions regarding the allocation or non-allocation of funding made by Council are considered final. ▪ Council reserves the right to part-fund an application.
7.	<p>Accountability</p> <ul style="list-style-type: none"> ▪ Successful applicants will be contacted in writing and a Grant Funding Agreement will be prepared by Council to outline the responsibilities, obligations and identified outcomes required of the organisation. ▪ Funding must be expended within twelve months of when the funds were granted (unless otherwise stated and agreed to in the Agreement) or the funds must be refunded to Council. An extension may be sought before the 12 months has expired, by writing to the Council. ▪ Monies received must only be spent on the project as approved by Council. Any unspent funds must be returned to Council. To vary the purpose for the allocated grant funds, written permission must be obtained in writing from Council prior to spending the funds. ▪ Failure to abide by the grant conditions could jeopardise your organisation's chances of receiving further funds from Council. ▪ At completion of the project, the grant recipient must submit a WWSC Grant Acquittal Report with all required accompanying documents.
8.	<p>Communications</p> <ul style="list-style-type: none"> ▪ Grant programs will be widely advertised as per Council's Community Engagement Policy. ▪ Applicants will be able to see the status of their application through the Council's online grants portal (SmartyGrants).
9.	<p>Conflict of Interest</p> <p>Councillors and Council officers who participate in the grant application process must declare any conflict of interest in accordance with the Local Government Act 2020, Sections 126 to 131, and the WWSC Councillor Code of Conduct and WWSC Employee Code of Conduct</p>
	<p>Statement of Compatibility</p> <ul style="list-style-type: none"> • As a public authority, Council has a duty to act compatibly with human rights and to give human rights proper consideration in decision making. • It is considered that this policy does not impact negatively on any rights identified in the Charter of Human Rights and Responsibilities Act 2006 (Vic) • It is considered that this policy is written and meets the safe and strong: A Victorian Gender Equality Strategy. <p>You may provide feedback about this document by emailing</p>



Council Grants Policy WEST WIMMERA SHIRE COUNCIL

info@westwimmera.vic.gov.au

Policy Adopted:	Ordinary Meeting 25/11/99	Minute Book Page 6906	
Policy Reviewed:	Ordinary Meeting 25/07/02	Minute Book Page 10300	
	Ordinary Meeting 06/04/06	Minute Book Page 13682	
	Ordinary Meeting 11/03/10	Minute Book Page 17759	
	Ordinary Meeting 18/06/15	Minute Book Page 30619	RecFind 15/002328
	Ordinary Meeting 19/07/17	Minute Book Page 35794	RecFind 17/002783
	Ordinary Meeting		



Council Guideline Manual WEST WIMMERA SHIRE COUNCIL

COUNCIL GUIDELINE							
COMMUNITY QUICK RESPONSE GRANTS	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Guideline No:</td> <td></td> </tr> <tr> <td>Adopted by Council:</td> <td></td> </tr> <tr> <td>Next review date:</td> <td></td> </tr> </table>	Guideline No:		Adopted by Council:		Next review date:	
Guideline No:							
Adopted by Council:							
Next review date:							
Senior Manager:	Director Corporate and Community Services						
Responsible Officer:	Manager Community Development and Tourism						
Functional Area:	Corporate and Community Services						
Introduction & Background	<p>Our Quick Response Grants Scheme encourages community outcomes in line with West Wimmera Shire 2041 community vision, and the Council Plan 2021-25. Community Quick Response Grant may be via application for funds and/or Council in kind support.</p> <p>It aims to build community capacity by encouraging:</p> <ul style="list-style-type: none"> Participation and inclusion in events, projects, activities, and programs. Growing community partnerships Providing learning opportunities Supporting social connectedness, and Activating our community spaces such as parks, halls, and other facilities. 						
Purpose & Objectives	<p>The Quick Response Grants have been established to assist eligible organisations who require small amounts of monetary funding or in-kind support throughout the year to support:</p> <ul style="list-style-type: none"> Unforeseen expenses or urgent issues To take advantage of an unexpected opportunity 						

Page 1



Council Guideline Manual WEST WIMMERA SHIRE COUNCIL

	<ul style="list-style-type: none"> • To support the establishment of a new group / program • As a result of a disaster or emergency event • To seek in-kind support from Council
<p>Overview</p>	<ul style="list-style-type: none"> • A maximum monetary grant limit of \$1000 will apply to any community group. • The grants are open all year round and available through https://westwimmera.smartygrants.com.au/ • Grants in this category will be assessed by a panel of Staff Officers and approved by the Chief Executive Officer with minuted consultation with all Councillors. • Grants need to be acquitted within three months.
<p>1.</p>	<p>Criteria – General</p> <p>After reading the funding guidelines, please contact the Councils Community Development Project Officer to seek feedback on your proposal. This will ensure you are eligible to apply, and your application meets the guidelines.</p> <ul style="list-style-type: none"> • Grants are available to not-for-profit community groups operating in the West Wimmera Shire Council. • Department of Energy, Environment and Climate Action, Department of Health and Human Services, Department of Education and other Government organisations are not eligible to be an applicant. • Applicants must be incorporated bodies or have an established legal entity. If your organisation is not incorporated or doesn't have an ABN, you will be required to provide the details of an auspice organisation. The auspice organisation will receive the grant funding on your behalf and will ultimately be responsible for the Acquittal Report. • If your organisation is incorporated but does not have an ABN, a 'Statement by a Supplier – Reason for Not Quoting an ABN' form must be included with your funding agreement. This form is available from the Australian Tax Office website. • Activities must be administered in the West Wimmera Shire Council area. • Applicants who have previously been successful in receiving Council grant



Council Guideline Manual WEST WIMMERA SHIRE COUNCIL

	<p>funding MUST have completed all Acquittal Reports and complied with Council requirements prior to being considered for this grant.</p> <ul style="list-style-type: none">• All applicants must provide a copy of a current Public Liability Insurance certificate of currency with activity/event details, where applicable. (For an event the P/L certificate of currency must include the event name, date, and location).• All activities are encouraged to align with Key Council Plans:<ul style="list-style-type: none">○ West Wimmera Shire Council Council's Plan 2021-25○ West Wimmera Shire 2041 Community Vision• All activities must ensure inclusivity, social connectedness and accessibility has been considered.• Multiple applications for the same activity will not be accepted.• Applications must be completed in full and have sufficient evidence to make a reasonable assessment of the application. Council reserves the right to further investigate aspects of the application. Applications and Acquittal Reports must be on the correct form.• Where possible, the goods and services used in the funded activity (suppliers and contractors) be sourced from within the West Wimmera Shire Council.• Activities that are primarily for the purpose of fundraising will be required to demonstrate the Community benefits in addition to the fundraising outcome.• For all expenditure items of \$1,000 or more you must include a quote or evidence of the item cost.• Applications deemed to be for commercial benefit will not be considered. This will be determined on a case-by-case basis. This will include applications where the main beneficiary is a business.• Funding must not be regarded as a recurrent commitment from Council. There is no guarantee a recurring activity will be funded in the future. Funding is limited.• The applicant is responsible for all ongoing maintenance and running costs of any equipment purchases resulting from a successful application.• Council may reduce the amount allocated to you if the funding applied for is considered unsubstantiated and/or excessive.• Council may reduce the amount allocated to you if the funding allocation is
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Council Guideline Manual WEST WIMMERA SHIRE COUNCIL

	<p>oversubscribed; additionally, if Council is aware of an alternative option available to you, it will recommend it as an alternative to funding.</p> <ul style="list-style-type: none"> • Successful applicants will be required to complete a Funding Agreement, which includes the conditions of grant funding. You may also be asked to comply with additional conditions. • You are required to acknowledge West Wimmera Shire Council Council's support of your activity as specified in the Funding Agreement • Funding must be returned if the activity is not completed in line with the Funding Agreement. Any excess funding must be returned. • Quick response grants to be read in conjunction with the West Wimmera Shire Councils Grants Policy.
2.	<p>Council's In-kind Support</p> <p>West Wimmera Shire Council's in-kind contribution is a contribution of a good or a service other than money. Some examples include:</p> <ul style="list-style-type: none"> • Preparation of an area out of normal works routine (Mowing, slashing, etc.) • Allocation, preparation, delivery, and removal of extra bins • Allocation, delivery, and removal of traffic management signage <p>As with monetary support in kind contribution is a contribution by council and as such requires acknowledgement to the support and sponsorship of the West Wimmera Shire Council</p>
3.	<p>Unincorporated Organisations</p> <p>An unincorporated organisation must have their application auspiced by an eligible incorporated organisation. Information on the auspicing body is required in the application including their ABN details, copy of current public liability insurance and a completed Auspice Agreement attached to the application.</p> <p>If the applicant is successful, the auspicing body is legally responsible for the funds and grant payment is made into their bank account.</p> <p>Further information on auspicing can be found at Not for Profit Law – Auspicing.</p>



Council Guideline Manual WEST WIMMERA SHIRE COUNCIL

4.	<p>Supporting Documents</p> <p>(CEO may waive some or all of the required documents during an emergency or if the situation is urgent)</p> <hr/> <p>The following documents may be required with your application.</p> <ul style="list-style-type: none"> • Current bank statement showing date and bank balance. • Quotes are required for each item you are requesting funding for and should clearly show the service or company where the item is being purchased, what is being purchased and how much each item is. A screenshot is sufficient so long as all the above are included. Preference should be given to local suppliers. • Current certificate of public liability insurance to cover the project. • If your group is being auspiced you will need to complete an Auspice Agreement and attach a copy of the Auspice organisation's current certificate of public liability insurance • An Australian Tax Office Statement by Supplier if you do not have an ABN. • Permission from the asset owner to undertake the project (if applicable)
5.	<p>Application and Assessment</p> <hr/> <p>Applications are made through SmartyGrants which can be accessed on Council's Grants web page www.westwimmera.vic.gov.au/grants.</p> <p>The following criteria will be used to assess applications:</p> <ul style="list-style-type: none"> • how well the request meets one or more of the purposes of the grant. • how well the group has provided evidence of justification to support the request. • the level of benefit to West Wimmera Shire residents. <p>The Chief Executive Officer has the authorisation to approve the application upon consultation with councillors.</p> <p>Council reserves the right to approve partial funding or refuse funding.</p> <p>Applicants will be advised of the outcome of their application as soon as practicably possible once the assessment and approval conditions have been met</p>



Council Guideline Manual WEST WIMMERA SHIRE COUNCIL

6.	<p>Grant Acquittal</p> <p>The project should be completed within three months of receiving funds.</p> <p>After you have completed your project, you must tell us how you spent the money by acquitting the grant in SmartyGrants. You will need to provide copies of receipts, invoices and packing slips are not accepted. We also ask that you provide photos and any media promotion.</p> <p>Please note that you are required to acknowledge Council's funding contribution within any media associated with the project.</p> <p>If your project is delayed, please contact Council's Community Development Team as soon as possible to discuss your specific circumstances.</p> <p>Failure to complete an acquittal report for any successful grant funding received through Council's Community Grants Program may result in applicants being ineligible for any further funding through the Community Grants Program.</p>
7.	<p>Contact</p> <p>For assistance in completing the online application please contact the Volunteer and Events Officer via phone 13 99 72 or email grants@westwimmera.vic.gov.au</p> <p>Disclaimer: these Guidelines are updated on a regular basis. Please ensure your application aligns with the latest Guidelines which are available on Council's Community Grants webpage.</p>

Guideline Adopted:			
Guideline Reviewed:			
Guideline Reviewed:			
Guideline Reviewed:			



Council Guideline Manual WEST WIMMERA SHIRE COUNCIL





14.3 Audit and Risk Committee Meeting Minutes - 13 June 2023

Directorate: Corporate and Community Services

Report Author: Chief Financial Officer

Report Purpose: For Decision

Introduction

This report presents West Wimmera Shire Council (Council) with the minutes of the Audit and Risk Committee Meeting held on 13 June 2023.

Declaration of Interest

No officer declared an interest under the Local Government Act 2020 (LGA 2020) in the preparation of this report.

Background

Section 53 (1) of the Local Government Act 2020 requires that each Council establish an Audit and Risk Committee. The Audit and Risk Committee is a formally appointed Advisory Committee of Council.

The Audit and Risk Committee's role is to report to Council and provide appropriate advice and recommendations relevant to its charter in order to facilitate decision making by Council in relation to the discharge of its responsibilities. The Audit and Risk Committee plays a key role in assisting Council to fulfil its governance and overseeing responsibilities in relation to financial reporting, internal control, risk management systems, ethical accountability and the internal audit function.

The Audit and Risk Committee (The Committee) does not have executive powers or authority to implement actions in areas over which management has responsibility and does not have any delegated financial responsibility. The Committee does not have any management functions and is therefore independent of management. The Committee does not have any role in relation to issues normally addressed by Council or a sub-committee of Council, which may have delegated powers and financial management responsibilities in relation to budgets, financing decisions and expenditure priorities. The Committee is a separate activity and acts independently of Council and does not have any role in relation to financial management issues or have any executory role or powers.

Risk Management Implications

Risk identified:



Financial risk
Regulatory risk
Strategic risk

Legislative Implications

The report complies with the requirements of the:
Local Government Act 2020

Environmental Implications

Nil

Financial and Budgetary Implications

Not applicable

Policy Implications

This report is supported by the following West Wimmera Shire Council Policy/s:

Not applicable

Council Plan Implications

This report supports the following sections of the West Wimmera Shire Council Plan 2021 – 2025:

Goal 4 – Good Governance

- 4.1 Ensure long term financial sustainability.
- 4.4 Develop a high performing accountable organisation.
- 4.5 Maintain a rigorous risk management framework.

Goal 5 – Our Commitment Values

Accountability - We will be responsible, take ownership of our actions and are committed to good governance, excellence, transparency and advocating for our community.

Communication Implications

No Communication Implications

Gender Equality

Not Applicable



Conclusion

The minutes of the previous Audit Committee meeting are attached for Councillor's information.

OFFICER RECOMMENDATION:

That Council receives the draft minutes of the Audit and Risk Committee meeting held 13 June 2023.

Attachments

1. 2023 06 13 Audit Risk Committee Minutes (Draft) [14.3.1 - 19 pages]



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

HELD: Tuesday 13 June 2023

LOCATION: Edenhope Council Chamber
49 Elizabeth Street, Edenhope and via Microsoft Teams video conference

COMMENCED: 2:01pm

IN ATTENDANCE:	
Committee Members	Senior Management/Officers
Mick Jaensch (Chair)	David Bezuidenhout Chief Executive Officer
Andrew Johnson	James Bentley Director Corporate and Community Services
Celeste Gregory	Ram Upadhyaya Director Infrastructure Development and Works
Cr Jodie Pretlove	Abbas Mehr Chief Financial Officer
Cr Bruce Meyer OAM (alternative Councillor representative)	Phillip Gillin Occupation Health, Safety and Risk Manager
External Parties	
Kathie Teasdale – RSD Audit	
Paul Harrison – RSD Audit	
Cassandra Gravenall - Crowe Australasia	
Optional Attendance - Observer	

Vision Statement: Our West Wimmera communities are healthy, thriving, diverse, harmonious, prosperous and self-sustaining, with regional and global connectivity



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

WELCOME AND APOLOGIES

Mayor Tim Meyer (Cr Bruce Meyer attended as alternative representative)
Katie Frost - Governance Manager

DECLARATION OF CONFLICTS OF INTEREST

Nil

BUSINESS

1. CONFIRMATION OF MINUTES OF PREVIOUS MEETING

FINANCIAL REPORTING

- 2. DRAFT ANNUAL BUDGET 2023-2024**
- 3. DRAFT ANNUAL PLAN 2023-2024**
- 4. COUNCILLORS EXPENSES/CEO EXPENDITURE**
- 5. ASSET MANAGEMENT UPDATE**
- 6. REVENUE & RATING STRATEGY**

INTERNAL AUDIT

- 7. INTERNAL AUDIT UPDATE**
- 8. INTERNAL AUDIT MANAGEMENT LETTER**

RISK MANAGEMENT & INTERNAL CONTROLS

- 9. OHS & RISK MANAGEMENT UPDATE**
- 10. INFORMATION PRIVACY POLICY**
- 11. LEGISLATIVE COMPLIANCE FRAMEWORK & TRACKER**



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

**12. PROPOSED REVISION TO COUNCIL POLICIES: INVESTMENT POLICY/
GUARANTOR POLICY**

AUDIT & RISK COMMITTEE ACTIONS AND GOVERNANCE

13. CEO UPDATE

14. AUDIT COMMITTEE CHAIRS REPORTS TO COUNCIL

NEXT MEETING DATE: 19TH SEPTEMBER 2023



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

1. CONFIRMATION OF MINUTES OF PREVIOUS MEETING

The minutes of the previous meeting of the Audit & Risk Committee held 21 March 2023 were provided for members' information and confirmation following the meeting.

Moved: Celeste Gregory

Seconded: Andrew Johnson

That the Minutes of the Audit and Risk Committee Meeting held on 21 March 2023 be taken as read and confirmed by circular resolution.

Carried Unanimously



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

FINANCIAL REPORTING

2. DRAFT ANNUAL BUDGET 2023-2024 AND ANNUAL PLAN

FOR ENDORSEMENT

The draft budget is on public display until 14th June 2023 and Council has received three public submissions which will not directly impact any change in the budget. There are however two changes that will be incorporated into the budget including \$140,000 to be added to the Work Cover premium. Council's Edenhope childcare services pilot project has been reviewed and based on results, the Childcare fee will be increased by \$10. Fees and Charges in the draft budget will be updated accordingly.

CFO to ensure operating grants and capital grants note lines up with the income statement on Page 24 and the transfer to and from reserves needs to line up with the equity statements on Page 26.

Moved: Celeste Gregory

Seconded: Andrew Johnson

That the 2023-24 Draft Annual Budget be received and noted by the Audit and Risk Committee.

Carried Unanimously



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

3. DRAFT ANNUAL PLAN 2023-2024

FOR INFORMATION

The draft Annual Plan 2023-24 was presented to the Committee for noting.

Moved: Andrew Johnson

Seconded: Celeste Gregory

That the Annual Plan 2023-2024 be received and noted by the Audit and Risk Committee.

Carried Unanimously



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

4. QUARTERLEY BUDGET REPORT

FOR INFORMATION

The Local Government Act 2020 ('the Act') requires Council to implement the principles of sound financial management (s.101). Section 97 of the Act requires that Council be presented with a Quarterly Budget Report comparing actual to budgeted revenue and expenditure for the financial year to date every quarter.

Council's interim quarterly budget report at 31 March 2023 was attached for the Audit & Risk Committee's information, in accordance with the requirements of s.97 of the Act.

CFO to look into year-to-date variances under 'Expenses' don't match on Page 70. Balance Sheet to show the forecast result for 30 June 2023.

Moved: Cr Bruce Meyer

Seconded: Celeste Gregory

That the Audit & Risk Committee receive and note the Quarterly Budget Report.

Carried Unanimously



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

5. CEO AND COUNCILLORS EXPENDITURE

FOR INFORMATION

The *Local Government Act 2020* allows that Councillors and staff including the Chief Executive Officer are not left out of pocket for the carrying out of Council business. Accordingly, any out of pocket expenses incurred by Councillors and the Chief Executive Officer can be reimbursed to them upon receipt of a suitable claim.

Reimbursements are approved in accordance with Council's Councillor Expense Policy and must show a nexus to formal Council business.

Councillor and Chief Executive Officer reimbursements were attached for Member's information, in accordance with s.40(2) of the *Local Government Act 2020*.

Moved: Andrew Johnson

Seconded: Celeste Gregory

That the Audit & Risk Committee receive and note the report on Councillor and Chief Executive reimbursements.

Carried Unanimously



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

6. ASSET MANAGEMENT UPDATE

FOR INFORMATION

The Assets Management Team have started the first condition assessment and it is to be completed by the first quarter of 2023-2024.

The valuation of buildings and structures that has been partially completed and the report to be done by September 2023.

Officers to review the Asset Management Policy before presenting to Council for re-adoption on the 21st June 2023.

The asset valuation policy to be added to the work plan for the next year and to come to the Audit and Risk Committee in June 2024.

Moved: Celeste Gregory

Seconded: Andrew Johnson

That the Audit Committee receives and notes the Asset Management update and endorse the Asset Management Policy by circular resolution following the meeting.

Carried Unanimously



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

7. REVENUE AND RATING STRATEGY

FOR INFORMATION

The Revenue and Rating Strategy has been presented to the Committee unchanged.

Council have sent solicitors letters of demand for ratepayers who have arrears in excess of \$1,000. Council is proceeding with legal action against ratepayers who have not contacted us or not entered into a satisfactory arrangement for any debts over \$1,350 in accordance with our Rate Recovery Policy. With imminent legislative changes taking effect on the 20th June, we are not in a position to collect rates or commence legal action with the absence of a two-year period so Council is proceeding against 111 ratepayers with a total of approximately \$389,000.

Moved: Celeste Gregory

Seconded: Andrew Johnson

That the Audit Committee receives and notes the Revenue and Rating Strategy.

Carried Unanimously



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

8. INTERNAL AUDIT UPDATE

KATHIE TEASDALE AND PAUL HARRISON – RSD AUDIT

FOR INFORMATION

There is a slight delay on the plan for the new audits as the Executive team need to review, therefore they will be brought to the next meeting in September 2023. Scope and plan to be presented at the same time. Internal Audit Q3 Update and the reports for interest were presented to the Committee for noting.

Scope of audit was to look across the main finance functions and assess current controls and identify any weaknesses in the systems. Performed with knowledge that Zero has been implemented. Overall conclusion, stated that the Zero system as it has currently been set up provides a strong base to build on.

Audit reports to ensure recommendations begin with a comment to have; agreed, partial agreed or disagreed.

The internal audit to be reviewed by RSD audit in 12 months, to attest that Council have implemented recommendations.

Moved: Andrew Johnson

Seconded: Celeste Gregory

That the Audit and Risk Committee receives and notes the Internal Audit Report.

Carried Unanimously



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

9. EXTERNAL AUDIT LETTER

FOR INFORMATION

The draft interim management letter has been provided and currently waiting for management comments and the letter will be finalised once received.

A number of findings due to the transition to Zero. These are not systemic or historical. One to highlight is where there has been identified errors in the opening balances so important for management to work through that.

Council have attempted to send through management comments, however there has been some IT issues within Council.

The final letter once completed will be circulated to the Committee.

Moved: Celeste Gregory

Seconded: Andrew Johnson

That the Audit and Risk Committee receives and notes the interim External Audit management letter and that it will be circulated to the Committee once completed.

Carried Unanimously



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

10. OHS & RISK MANAGEMENT REPORT UPDATE

**RESPONSIBLE OFFICER: PHILLIP GILLIN, OCCUPATIONAL HEALTH,
SAFETY AND RISK MANAGER**

FOR INFORMATION

Risk Management Report for the quarter was presented, the last 18 months has been static. One incident has resulted in a WorkCover claim.

WorkCover through Ageist, our premium last year \$174,000, In October we received a projection \$224,000 for this year. On the 19 May, the State Government has increased premiums. We will end up with a premium of approximately \$340,000. It has been a difficult area to work in over the last few years.

Business Continuity Plan was approved on the 15th February 2023.

During the reporting period we did risk management reports on the three pools in the shire has come back with three areas that need improvement, these are Emergency management, signage, and pool testing. Lifesaving Victoria did report on Lake Wallace so expecting a report from then.

Sign Audit for the three pools has been completed and money in the budget for that to be done. Reporting on the pools is to remain on the OHS & Risk report to be reviewed and checked at the next meeting in September 2023.

Induction for contractors to remain in report for future meetings. 54 contractor inductions have been set up with 33 completed.

OHS Accountability Procedure will be sent through the organisation before the next ARC Meeting. The Strategic Risk Register, ten have been identified, eight have been reviewed. Two changes around the change in WorkCover premiums and Records as some serious progress has been made in that area in recent times. A draft copy of the OHS procedure has been completed and a copy of the Strategic Risk Register.

All items related to Pool Audit will be addressed appropriately before pools are opened.

Process to review the strategic risk register was done with responsible officers but will be taken to be taken to the Audit and Risk Committee for review and constant briefings to Council so they are kept up to date will be considered.



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

Moved: Andrew Johnson

Seconded: Celeste Gregory

That the Audit and Risk Committee notes the OHS & Risk Report.

Carried Unanimously



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

11. INFORMATION PRIVACY POLICY

RESPONSIBLE OFFICER: ABBAS MEHR , CHIEF FINANCIAL OFFICER

FOR INFORMATION

The report has been provided to the Committee as to be noted as there are no changes.

Moved: Celeste Gregory

Seconded: Andrew Johnson

That the Audit & Risk Committee notes the Information Privacy Policy.

Carried Unanimously



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

12. LEGISLATIVE COMPLIANCE FRAMEWORK & TRACKER

RESPONSIBLE OFFICER: ABBAS MEHR, CHIEF FINANCIAL OFFICER

FOR INFORMATION

Policy register to be provided to the ARC for future meetings as has been done previously.

Moved: Celeste Gregory

Seconded: Andrew Johnson

That the Audit and Risk Committee note the legislative compliance framework & tracker

Carried Unanimously



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

13. INVESTMENT POLICY AND GUARANTOR POLICY

REPORT AUTHOR: ABBAS MEHR, CHIEF FINANCIAL OFFICER

FOR INFORMATION

Both policies have been reviewed and presented to the Committee with no changes to the fundamental requirements. In relation to assets on Council Land, Council could be more accommodating as opposed to assets on Crown Land.

Moved: Celeste Gregory

Seconded: Andrew Johnson

That the Audit and Risk Committee notes and endorse the Investment Policy and Guarantor Policy.

Carried Unanimously



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

14. CEO UPDATE

RESPONSIBLE OFFICER: DAVID BEZUIDENHOUT, CHIEF EXECUTIVE OFFICER

FOR INFORMATION

The Chief Executive Officer provided an update on organisational matters relevant to the Audit and Risk Committee.

There were three main areas of focus in the report including the budget, the finance system and team and some positive initiatives in our rates space and flexible payment opportunities.

Council has resolved for Council to engage with an external provider and feel on a strategic level that Council will be better placed going forward, particularly in relation to cyber security.

Future CEO reports to continue to keep the ICT as an item.



**AUDIT & RISK COMMITTEE MINUTES – 13 JUNE 2023
WEST WIMMERA SHIRE COUNCIL**

15 AUDIT AND RISK COMMITTEE CHAIR REPORT

RESPONSIBLE OFFICER: ABBAS MEHR, CHIEF FINANCIAL OFFICER

FOR INFORMATION

The report is to be circulated out to the Committee and council staff as it was not attached to the agenda. To be noted by circular resolution.

GENERAL BUSINESS

Nil

NEXT MEETING: 19TH SEPTEMBER 2023

MEETING CLOSED AT 3.28PM.



15 Infrastructure Development and Works

15.1 Development Plan Edenhope Aerodrome

Directorate: Infrastructure Development and Works

Report Author: Assets & GIS Coordinator

Report Purpose: For Decision

Introduction

For significant assets it is prudent to take a longer plan view of development requirements, examining priorities and opportunities that may be progressed over time at the discretion of Council. The Development Plan for Edenhope Aerodrome was undertaken to promote the long-term sustainability of the airstrip.

Declaration of Interest

No officer declared an interest under the Local Government Act 2020 (LGA 2020) in the preparation of this report.

Background

RMG Consulting were contracted by the Council to prepare a long-term development plan for the Edenhope Aerodrome. The key objectives being to improve firefighting facilities, improve facilities for Ambulance Victoria, and to identify infrastructure upgrades that can support emergency services, the agricultural sector and the general community. Key users of the facility have been identified along with their medium-term operational requirements.

Deficiencies have been identified in association with stakeholders. Improvement works have been prioritised and costed.

The plan provides support for external funding opportunities should they arise and where a specific package of work is identified by the Council to implement, in a staged manner.

Risk Management Implications

Risk identified: There are no obvious risks for the Council to mitigate or eliminate in regard to the proposal considered for funding support in this report.

Legislative Implications

Not Applicable

Environmental Implications



Not applicable

Financial and Budgetary Implications

The financial risk rating has been assessed as: Low

Policy Implications

This report is supported by the following West Wimmera Shire Council Policy/s:

Asset Management Policy
Asset Management Strategy

Council Plan Implications

This report supports the following sections of the West Wimmera Shire Council Plan 2021 – 2025:

Goal 1 – Liveable & Healthy Community

1.6 Support a prepared and resilient community.

Goal 2 – Diverse and Prosperous Economy

2.6 Provide infrastructure to sustain economic activity.

Communication Implications

No Communication Implications

Gender Equality

Not Applicable

Conclusion

The Development Plan for the Edenhope Aerodrome will be utilised to provide guidance on potential upgrades required at the site.

When a specific package of work is identified as a priority, detailed design and costing will be undertaken and a proposal put to the Council. Requirements and priorities also change over time, and these factors will be considered when putting together a bid for funds, whether internal or external.

The Development Plan will also be a useful support document when applying for external funding, which will be a necessity to make some of these key initiatives a reality.

OFFICER RECOMMENDATION:



- 1. That the Edenhope Aerodrome Development Plan 2023 be adopted by the Council, noting that this is a long-term vision developed in consultation with multiple stakeholders, and that will require funding from multiple stakeholders (Federal, State, CFA, Ambulance Services etc) to deliver.**
- 2. That any funding application on behalf of Council will require Council approval before submission.**
- 3. That proposed projects for Scoping and Panning or Delivery be presented to Council during annual budget discussions for consideration against other Council/Project priorities, and specifically be authorised for inclusion in the Annual Plan and Budget.**

Attachments

1. Edenhope Aerodrome Development Plan (Draft) V 12 July 23 with Appendices [**15.1.1** - 79 pages]



Development Plan 2023 Edenhope Aerodrome Edenhope

July 2023

Prepared by Driscoll Engineering Services Pty Ltd

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Appendix A - Edenhope Aerodrome Locality Plan

Appendix B - Aerial Photograph of Aerodrome

Appendix C - Proposed Concept Drawings

Appendix D - Current Design Standards for Aerodromes

Appendix E - Concept Estimate

Appendix F - Wind Roses Applicable to Edenhope Aerodrome and Cross Wind Calculations

Appendix G - Summary of Inspections for Edenhope Aerodrome

Appendix H - Edenhope Aerodrome - Stakeholder Meeting Minutes

Appendix I - Edenhope Aerodrome - Photographs

1. Introduction

This Development Plan for Edenhope Aerodrome has been prepared with particular emphasis on identifying infrastructure upgrades or other changes required to enable the continued growth and development (both aviation and non-aviation) of Edenhope Aerodrome.

Objectives in commissioning the preparation of the Aerodrome Development Plan include:

- To achieve the best outcomes for the Edenhope community and western Victoria;
- To upgrade the Edenhope Aerodrome to meet the CASA Design Standards for Licensed Aerodromes for all weather traffic;
- To ensure long term sustainability of the Edenhope Aerodrome with maintenance at a high standard to meet the needs of existing and future users;
- To provide the community with an Aerodrome capable of handling fixed wing and fire fighting aircraft and air ambulances in all weather conditions; and
- To improve facilities for the Country Fire Authority (CFA)
- To improve facilities for the Air Ambulance when utilising Edenhope Aerodrome; and
- To facilitate additional business and commercial (including non-aviation) development at Edenhope Aerodrome.

It is further intended that this Development Plan will provide supporting information for future funding applications for Edenhope Aerodrome.

2. Background

Edenhope Aerodrome services the nearby township of Edenhope and the wider south western Victorian community between Casterton and Nhill, Horsham, Hamilton and Naracoorte in South Australia, and provides for general aviation activities and some charter operations. The aerodrome is also utilised by emergency services aircraft and agricultural spraying businesses.

Edenhope is geographically centred in Western Victoria, and in early 2022 the majority of severe bushfire events in Victoria were around the West Wimmera Shire area. Edenhope Aerodrome was a key infrastructure component in the fighting of these fires and although there have been a number of improvements to the aerodrome and its facilities over the years, it is considered that it is time for some urgent upgrades to match the changing styles and techniques of bushfire suppression and to protect life and property.

The aerodrome currently only has one operational runway, however in the past there was a grass cross runway Runway (No 08/26) that is no longer operational. The North/South runway, Runway 18/36 is a Code 1B runway and is 1000 metres long, 18 metres in width and has a sealed surface. Current design standards for a Code 1B runway require a width of 18m and length less than 800m. Note: Runway 18/36 has the length for a Code 2 runway (between 800m

and 1200m) but insufficient width as 23m width is required. Due to cross wind limitations, runway 18/36 is often unsuitable for landing. These cross wind limitations mean that during some emergencies, the fixed wing aircraft need to cease their water bombing activities or take-off with reduced water payload making their activities less efficient. As a result, the local community have requested that the East/West runway be re-commissioned and extended to a minimum of 1,000 metres in length.

Edenhope Aerodrome is serviced by a nearby water bore and has a landline telephone connection. The provision of electricity to the site is critical to support on-going operations and improvements.

There is currently one private hanger at the aerodrome, however this facility is at capacity as it accommodates three aircraft. Storage of more aircraft will require construction of another hanger. Other aircraft are required to park on an unsealed area without tie down points.

The following information is a summary of information provided to pilots regarding Edenhope Aerodrome:

- The aerodrome is owned and operated by the West Wimmera Shire Council (13 WWSC)
- Strip Direction: 18 – 36
- Strip Length: 1000m
- Windsock: Yes
- Strip Markers: Yes plus runway centreline markings
- Lighting: Pilot Activated Lighting (solar charged) – VHF 120.55
- Fuel: Nil
- Special Procedures: Beware of power lines, trees and fences. Strip slopes to the centre from both ends. The cross strip is unusable. Edenhope 2 airstrip to the north east.

3. Current Usage of the Aerodrome

Edenhope Aerodrome is currently used by the following aircraft and businesses.

- Air ambulance and other emergency services;
- General aviation;
- Fire fighting aircraft;
- Agricultural Air Spraying businesses;

4. Identified Deficiencies of the Aerodrome

The following deficiencies have been identified at the Edenhope Aerodrome:

- Edenhope Aerodrome only has the one runway 18/36 which is unsuitable for landing on a number of days a year due to cross wind limitations;
- Runway 18/36 is limited to a Code 1B runway due to the 18m width;
- There are no dedicated helipads at Edenhope Aerodrome;
- There is no electricity supply to Edenhope Aerodrome;
- The amenities for visitors, CFA, emergency services and Air Ambulance patients are poor;
- There is insufficient water storage for CFA operations;
- The manoeuvring area is narrow and congested;
- Hardstand area needs to be identified and constructed;
- A storage area is required for pumps and equipment;
- Access needs to be provided for the mobile refuelling of aircraft; and the
- Existing runway lighting is a poor quality solar system and requires upgrading with a new solar lighting system or connection to the electricity network.

4.1 Edenhope Aerodrome only has the one operational runway 18/36

Edenhope Aerodrome has only one runway, the North/South, marked as 18/36 but aligned "01/19", which is 1,000 metres long with a bituminous seal. However, due to cross wind limitations, this runway is often unsuitable for landing (which it was during a bushfire event on January 21st 2022). These cross wind limitations meant that the fixed wing aircraft almost ceased their water bombing activities and were having to take-off with reduced water payload making their activities less efficient. The community has requested that the East/West runway be re-commissioned and extended to a minimum of 1,000 metres in length.

According to Bureau of Meteorology Wind Speed and Direction Observations, Runway 18/36 at Edenhope Aerodrome would have been "unsuitable for landing due to high winds" for a period of time on 122 days (or approximately 33% of the days) in the 12 month period from February 2022 to January 2023. This is based upon daily recorded wind direction and maximum wind gust speed, using wind speeds of 40mph, 23mph, 18mph and 15mph for the relative crosswind angles of 22.5, 45, 67.5 and 90 degrees (refer to Appedix F for further details). These winds are likely to be stronger in the afternoon, as is the fire danger.

Runway 18/36 is a Code 1B runway due to its limited width of 18m and 1000m length. In the near future an upgrade of the length to 1050m and the width to 23m to achieve a Code 2B runway is required to meet the requirements for the innovative new air ambulance fleet which will commence transporting patients in 2024. A 1200m runway length and width of 30m would achieve a Code 3C runway, allowing larger aircraft to land.

4.2 Electricity Supply to the Aerodrome

Currently there is no power supply to the site and an application has been made to Powercor for a budget figure to connect the electricity. Connection of electricity to the site is a high priority in order to facilitate future improvement works at the aerodrome, however it is proposed that solar power with a battery be installed on the new shed in the interim.

4.3 Dedicated helipads at Edenhope Aerodrome

There has been a request for the construction of 3 separate 'Helipads' on firm ground away from the runway and accessible to the water tanks and refuelling facilities as helicopters are now being deployed to a greater extent for fire fighting. Some helicopters use a 'bucket' slung under the aircraft and access their water from a local dam or other water source, whilst other types have tanks under the aircraft and need to return to a water point to refresh their tanks. Edenhope Aerodrome doesn't have helicopter landing facilities separate from the runway.

A 'Helipad' is required to be constructed on firm ground away from the runway and accessible to the water tanks and refuelling facilities (usually a semitrailer water tanker).

4.4 Amenities for Visitors, Emergency Services and Air Ambulance Patients

Destructive fires extending from east of Edenhope to the South Australian border have highlighted the vulnerability of the West Wimmera community to bushfire attack. The fire agencies have shown a willingness to deploy multiple fixed wing aircraft combined with heavy lift helicopters and large air tankers and there is widespread support for fire agencies commitment to the use of aircraft.

Work has been undertaken to make Edenhope Aerodrome a 'call when needed' fire airbase and the Edenhope community now have a dedicated team of volunteer bomber loaders. In contrast to operating bombers from Stawell, Casterton or Hamilton airports with turn-around times up to one and a half hours, operating from Edenhope has seen less than ten minutes turn-around to most high risk fire areas within the region. Whilst the strategies have been outstandingly successful the limitations posed by Edenhope Aerodrome meant that much of this work was placed at risk.

Edenhope Aerodrome is also utilised by the Air Ambulance to transport patients to hospital. However, the amenities for emergency staff, visitors and air ambulance patients at the aerodrome are poor to non-existent. There is no heated/cooled waiting area, no kitchen facility, one outdoor toilet that does not meet accessibility or hygiene requirements and there are no communication facilities.

The proposed works include a new purpose built undercover area for the transfer of patients and will improve patient comfort.

4.5 Manoeuvring Area for Aircraft

The manoeuvring area off the runway is narrow and congested with limitations posed by the current ambulance shed. It is difficult to operate more than two water bombers on the airfield.

4.6 Construction of Hardstand Area

Additional taxiway and hard-stand areas need to be identified and constructed to improve the manoeuvring area and provide for parking of aircraft.

4.7 Water Storage for CFA Operations

It has become evident that the water storage tanks at the aerodrome have insufficient capacity to supply the number of water bombing aircraft that are now being utilised. Frequently four fixed-wing aircraft plus helicopters are deployed. The aerodrome water is accessed from the dam over the Wimmera Highway at the Edenhope Racecourse and this dam has insufficient recovery rate to keep the tanks topped up whilst being used. The municipal water-tanker can be used to top up the tanks, however there are limitations with this option. The current tank capacities are a total of 90,000 litres and it has been calculated that the water storage should be increased to 500,000 litres.

4.8 Storage area for pumps and equipment

There is a need to provide an operating base for the bomber loaders to store pumps and equipment.

4.9 Access for mobile refuelling of aircraft

There is a need to provide an access area for a mobile refuelling tanker to support emergency aircraft during CFA operations.

5. Stake holder Priority Actions for the Edenhope Aerodrome

A meeting was held between the major stakeholders: West Wimmera Shire Council; Ambulance Victoria; the CFA; and the Department of Environment, Land, Water and Planning (DELWP) and the following table summarises the priority lists for improvement for each group. Predominantly the priority projects overlap. Note: Although not represented at the meeting, the priorities of the Local Action Group were discussed.

Priority Project	CFA	Ambulance Victoria	DELWP	Local Action Group	West Wimmera Shire	Overall Priority
Improve the Amenities (shed, toilet facilities, kitchenette, desk area, storage and ambulance transfer area etc) at the aerodrome.	1	1	1	1	1	1
Install Water Tanks	2		2		2	2
Construct a bore to fill water tanks	2				2	2
Replacement of the existing lighting on Runway 18/36 with a new solar powered system.					3	3
Construct Helipad/s to accommodate two helicopters	3		3		4	4
Taxiway upgrade	4				5	5
Sealed surface on aircraft parking area including line-marking / signage and tie down points.	5				6	6
Provision of electricity to site.					7	7
Aerial mounted on new shed to improve communications and wiring for emergency generator.			1		1	1
Storage for DELWP equipment inside CFA shed			1		1	1
East – West Runway	-			2	8	8
Construct new hangar for storage of aircraft					9	9

The overall priority list of improvements

- Improve the amenities (shed with toilet facilities, kitchenette, desk area, storage, ambulance transfer area and storage area for DELWP equipment etc) at the aerodrome including mounting of an aerial on the new shed to improve communications and wiring for emergency generator;
- Install water tanks and construct a bore to fill the water tanks;
- Replacement of the existing lighting on Runway 18/36 with a new solar powered system;
- Helipad/s to accommodate two helicopters;
- Taxiway upgrade;
- Sealed surface for aircraft parking including line-marking, signage and tie down points;
- Provision of electricity to the site;
- East/West runway;
- Larger hangar for storage of aircraft;

Construction of the East/West runway is not the highest priority for the emergency services and construction of this facility needs to consider not only the high capital cost for construction, but also the legacy cost to the municipality for maintenance.

6. Rationalisation for Aerodrome Upgrade

6.1 Air Ambulance

According to Ambulance Victoria's (AV) website the AV fixed-wing aircraft are currently undergoing a major upgrade to become the most innovative fleet in the country and by 2024 two Beechcraft 260s and two Beechcraft 360s will be provided. These aircraft will feature the latest technology and will provide additional comfort, safety and care for patients and flight paramedics. The Beechcraft 260s have a Maximum Take Off Weight (MTOW) of 5670kg, wingspan of 17.65m and require a landing distance of 867m and take-off distance of 643m, i.e. could potentially land on the existing Runway 18/36 at Edenhope. However, the Beechcraft 360s have a MTOW of 6804kg, wingspan of 17.65m and require a landing distance of 821m and a take-off distance of 1006m. To facilitate the landing of the Beechcraft 360s, Runway 18/36 would need to be upgraded to a Code 2B runway. Current design standards for a Code 2B runway require a width of 23m and length between 800m and 1200m.

To cater for the smaller of the new air ambulance aircraft, a runway length of 867m will be required for landing, with a length of 1006m for take-off of the larger aircraft. Both of these Beechcraft aircraft have a wingspan of 17.65m therefore the width of the runway becomes critical. For this reason it is recommended that Runway 18/36 be upgraded to a Code 2B runway with a width of 23m and a length of 1050m.

6.2 Fire Fighting Aircraft

Edenhope is geographically centred in Western Victoria, and in early 2022 the majority of severe bushfire events in Victoria were around the West Wimmera Shire area. Edenhope Aerodrome was a key infrastructure component in the fighting of these fires and although there have been a number of improvements to the aerodrome and its facilities over the years, it is considered that it is time for some urgent upgrades to match the changing styles and techniques of bushfire suppression and to protect life and property.

In recent years, the fire agencies have shown a willingness to deploy multiple fixed wing aircraft combined with heavy lift helicopters and large air tankers to fight bushfires. It is clear that the success of these strategies has saved a number of homes, significant infrastructure, prevented greater loss of livestock and most probably saved lives, resulting in widespread support for the fire agencies commitment to the use of aircraft. Whilst these

strategies to use aircraft have been outstandingly successful, the limitations posed by Edenhope Aerodrome meant that much of this work was considered high risk. To reduce the risk and improve efficiency a lot of work has been undertaken to make Edenhope Aerodrome a 'call when needed' fire airbase.

Due to cross wind limitations, runway 18/36 is often unsuitable for landing. These cross wind limitations mean that during some emergencies, the fixed wing aircraft need to cease their water bombing activities or take-off with reduced water payload making their activities less efficient. Resultingly, the local community have requested that the East/West runway be re-commissioned and extended to a minimum of 1,000 metres in length (ideally 1050m in length and 23m in width to meet the requirements of a Code 2B runway).

Operating fire-fighting aircraft from Edenhope enables less than a ten minute turn-around on some of fires in the south west, compared with operating water bombers from Stawell, Casterton or Hamilton airports which result in turn-around times up to one and a half hours. West Wimmera Shire has received a submission from the Country Fire Authority that identifies the current issues at Edenhope Aerodrome and seeks funding to address the concerns.

Timing and the ability to operate in adverse weather conditions are critical elements for essential services, and it is essential that these emergency services are not delayed or impeded by poor infrastructure. Additional taxiway construction is urgently required to be completed in order for water bombing aircraft to efficiently operate at the aerodrome.

During an emergency event, the CFA operates water bombing aircraft out of the aerodrome and are supported by other emergency staff who are required to work out of an on-site caravan with a backup generator to guarantee electricity supply. There is a lone portaloos type toilet on the airfield. The hygiene and office facilities are not of an adequate standard for emergency staff to safely work.

The Edenhope community also now has a dedicated team of volunteer bomber loaders and additional water storage onsite will ensure continuity of aircraft operations, reducing the risk of low water supply. The addition of a new bore will further reduce the risk of running out of water by providing an alternative supply to the existing water availability, which is a dam located south of the aerodrome.

In addition to the emergency services, upgrades to Edenhope Aerodrome would provide benefits to a wide range of general aviation services such as the agricultural spraying services, air ambulance, the Royal Flying Doctor Services and tourism. The provision of a helipad would be of significant benefit to Ambulance Victoria's air fleet.

7. Aerodrome Standards

A summary of pertinent sections of the current standards for aerodrome infrastructure as defined in the Manual of Operating Standards Part 139 and the Guidelines for heliports – design and operation, June 2022 AS 14/24 is included in Appendix D.

8. Planning Objectives and Upgrade Benefits for the Aerodrome

The intention of the proposed works identified in this report is to provide Edenhope with an aerodrome that has appropriate facilities for the operation of both fixed and rotary wing emergency aircraft and, ultimately, to have two sealed runways for all weather traffic. It is also vital that Edenhope Aerodrome be upgraded to meet the CASA Design Standards for Licensed Aerodromes.

In planning to improve both: the viability of Edenhope Aerodrome; and for the aerodrome to cater for an increase in demand by aircraft; a number of important considerations have been identified, including the following.

8.1 Aircraft Safety

The safety of aircraft operations is paramount. The planning and proposed development of these facilities is therefore based on established national standards. The proposed projects will upgrade the Edenhope Aerodrome to meet the CASA Design Standards for Licensed Aerodromes for all weather traffic.

The need for an upgrade of the two runways at the Edenhope Aerodrome is further supported by the following issues.

- Monthly Wind Direction and Wind Speed records from the Bureau of Meteorology are available for the Hamilton, Horsham and Struan aerodromes and as Edenhope Aerodrome is located between these three locations, it is reasonable to use a combination of the three for use in the assessment of Edenhope Aerodrome. The summary wind roses indicate that at 9:00am the most predominant wind direction is in a North/South direction, followed by the North East/South West direction that has similar levels to the East West direction. Similarly, at 3:00pm the wind is more often in a North/South direction, followed by the South West/North East direction that again has similar levels to the East/West direction. Thus, it is desirable that both the 18/36 Runway and an East/West runway (perhaps 08/26) be available in all weather conditions in order that aircraft may avoid strong crosswinds. The summary of wind roses in Appendix F supports the need for a second runway in the east west direction.

- Edenhope Aerodrome is located approximately 92km (49.7NM) to Horsham or (93km by road), the closest aerodrome with a Code 3C Runway and the closest aerodrome with a Code 3C (1322m length and 30m width) Runway in an East/West direction. Further, it is 104km (53.5NM), or 121km by road, to Hamilton Airport, the closest aerodrome to the south with a Code 3C Runway in both the North/South and the East/West direction. The closest aerodromes with a Code 2B Runway (or larger) are Nhill to the north, Horsham and Stawell to the north east, Hamilton to the south east and Mount Gambier and Naracoorte to the west. The direction of the Code 2C runway at these aerodromes varies. For larger aircraft requiring the length of a Code 2 runway, Edenhope would serve a very large portion of south western Victoria near the South Australian border. As a result, it is critical that this aerodrome, is operational for emergency aircraft in all weather conditions and is upgraded to the current minimum width of 23m for a Code 2 runway.

Location	Distance from Edenhope Aerodrome (km and NM)	Runway Direction	Code Width, Length (m) Max Weight
Edenhope	-	18/36	1000, 18 (1B)
Kaniva	70km (85.5km by Road) 37.8NM		1000
Nhill	88km (116km by Road) 45.8NM	09/27 and 18/36	800, 18 (1B) 1102, 30 (2C) 5700kg
Horsham	92km (100km by Road) 49.7NM	08/26 and 17/35	1322, 30 (3C) 790, 18 (1B) 5700kg
Stawell	132km (160km by Road) 71.3NM	11/29 and 18/36	1403, 30 (3C) 854, 18 (1B) 5700kg
Hamilton	104km (121km by Road) 53.5NM	17/35 and 10/28	1404, 30 (3C) 1233, 30 (3C) 5700kg
Casterton	68km (80km by Road) 36.7NM		
Mt Gambier	90km (115km by Road) 49.7NM	18/36, 11/29 and 06/24	1524, 30 PCN 6 (3C) 922, 30 PCN 6 (2C) 846, 30 PCN 6 (2C) 5700kg
Naracoorte	(59.5km by Road) 26.1NM	02/20 and 08/26	1118, 30 (2C) 1048, 18 (1B) Unrated

8.2 Future Demand

Airport development planning needs to consider the demand that is expected to occur over a 20 year planning period. In forecasting future airport needs, the likely growth in aircraft traffic movements need to be considered.

On completion of the proposed runway and safety upgrades, it is anticipated that there will be increased demand for Edenhope Aerodrome due to:

- greater usage by trainee pilots on navigational training;
- potential usage by agricultural spraying businesses;
- potential for tourism operations into and from the aerodrome;
- greater usage by emergency services aircraft as the aerodrome can be utilised in all weather conditions.

For the purposes of this development plan, general aviation (GA) fixed wing traffic has been forecast to grow at 10% per annum.

8.3 Commercial Precinct Development

In order to develop revenue at airports and not be solely reliant on aviation related income, many airports now identify areas that are not required for future aviation use and where practicable allow this surplus land to be used for non-aviation related activities. Therefore planning for Edenhope Aerodrome needs to include: the identification and allocation of sufficient space to meet the long term needs of the various aerodrome activities; and to also identify areas that could be utilised for other activities thereby enhancing the financial income of the aerodrome.

The aerodrome consists of two runways (the East/West runway is currently not operational), Taxiway and Apron, General Care area and Terminal Area (refer to attached plan). The runways and clear area requirements cross on the site, and whilst the aerodrome title also largely follows the cross shape with additional land for the access road, there is still a reasonable portion of land on the south east side of the runways that is not utilised. This portion of land is accessible via the continuation of the aerodrome access road and could potentially be leased for aviation related commercial use or be utilised by council.

There is currently one private hanger at the aerodrome, however this facility is at capacity as it accommodates three aircraft. Storage of more aircraft will require construction of another hanger. Depending on demand for the service, there is potential for West Wimmera Shire to construct a new hangar on the aerodrome site and to lease the space to aircraft owners for aircraft storage. This would provide an ongoing income from the aerodrome that could be utilised to offset the cost of maintenance.

8.4 Community Support for the Aerodrome

In addition to the identified potential commercial development at the Edenhope Aerodrome, the aerodrome upgrade project also has the support of the following community groups:

- CFA
- Ambulance Victoria – Wimmera District;
- Victorian SES – Edenhope Unit
- West Wimmera Shire Council.

8.5 Proposed Improvement and Maintenance Works

The following upgrade works are proposed in order to meet the requirements for aircraft safety and emergency management, to cater for future demand and to realise some benefits of commercial development at the Edenhope Aerodrome.

- Construction of a new amenities building including solar power and battery and communications at the site;
- Taxiway upgrade;
- Installation of water tanks and construction of a water bore;
- Replacement of the existing lighting on Runway 18/36 with a new solar powered system;
- Construction of a helipad and taxiway;
- Construction and sealing of the aircraft parking area including tie down points;
- Provision of electricity to the site;
- Construction of carparking area;
- Upgrading of the existing 18/36 Runway to Code 2B (1050m length and 23m width) including upgrading of the lighting to CASA standards.
- Purchase of additional land for an East/West runway; and
- Construction of an East/West runway including pavement construction, sealing, line-marking and lighting; and
- Construction of a second helipad to accommodate rotary wing aircraft.

The safe operation of Edenhope Aerodrome also requires an appropriate maintenance plan for the existing facilities. The following maintenance program is proposed:

- Provision for routine maintenance (runways and field maintenance);
- Taxiway pavement maintenance;

8.6 Benefits from Proposed Improvements to the Aerodrome

There are significant projected benefits to the Edenhope economy from the provision of an aerodrome facility that has two sealed runways for all weather traffic. Improvements will allow:

- The community to have an aerodrome capable of handling fixed wing and fire fighting aircraft and air ambulances in all weather conditions. In emergency situations this may result in very significant benefits to the community in terms of lives saved and mitigation of damage to property;
- Edenhope Aerodrome to have greater utilisation from pilots planning navigational training;
- Businesses in the Edenhope area to consider greater utilisation of air services with the knowledge that there are two runways available for all weather traffic;
- Greater certainty and safety for tourism operations to expand to include visits to Edenhope and the Wimmera area by air.

9. Aerodrome Development Plan

It is recommended that West Wimmera Shire Council undertake the following actions regarding Edenhope Aerodrome:

- i. For each round of airport funding (State and Federal), prepare staged funding applications to improve Edenhope Aerodrome in accordance with the identified priorities and to ensure compliance with current CASA Design Standards;
- ii. Prepare an annual budget for ongoing maintenance and minor upgrade works at Edenhope Aerodrome;
- iii. Ensure that the annual aerodrome maintenance budget is funded by West Wimmera Shire Council; and
- iv. Continue to manage the aerodrome in accordance with CASA requirements; and
- v. Continue to collaborate with the CFA and Air Ambulance for funding of the Edenhope Aerodrome and recognition of the importance that this aerodrome plays in the State's provision of emergency response.

West Wimmera Shire Council will also need to progressively seek funds to upgrade the aerodrome to improve safety and cater for all weather traffic. The proposed improvement work includes:

- a. Construction of CFA storage areas, amenities (kitchenette and toilet facilities), office and ambulance transfer area, installation of water tanks and access improvements.

- b. Replacement of aerodrome lighting system with an updated solar powered system that is compliant with CASA requirements.
- c. Construction of one 'Helipad' on firm ground away from the runway and accessible to the water tanks and refuelling facilities as helicopters are now being deployed to a greater extent. Note: Edenhope Aerodrome does not have helicopter landing facilities separate from the runway.
- d. Completion of pavement repairs, improvements to the sealed surfaces and construction of an aircraft parking area.
- e. Power supply and communications improvements.
- f. Construction of a car parking area.
- g. Construction of an aerodrome facility that has two sealed runways for all weather traffic. This will require the following works:
 - Taxiway pavement construction and sealing;
 - Extending, Widening, Resealing and line-marking of Runway 18/36;
 - Purchase of additional land for Runway 08/26; and
 - Vegetation clearing, pavement construction, sealing, line-marking and lighting for Runway 08/26.
- h. Construction of second 'Helipad' to provide greater capacity for rotary wing aircraft.

10. Regional Airport Programme Funding Application

A Regional Airport Programme Funding Application was completed in 2022 and has recently received funding. The funding application aligns with this development plan and involves the following:

Project Scope

The project comprises of a number of separate elements to support the fire-fighting capability for aircraft operating out of Edenhope Aerodrome. These elements include:

- *Taxiway Construction to provide access for water bombing aircraft;*
- *Construction of an Amenities and Storage Shed;*
- *Construction of Patient Transfer Facility for Ambulance Victoria;*
- *Construction of Concrete Apron;*
- *Supply and Installation of two Rainwater Tanks; and*
- *Construction of a water Bore and Fire Hydrant for use by fire-fighting aircraft.*

These upgrades are essential infrastructure to support the ongoing operation of the aerial resources to undertake fire-fighting and the project addresses three of five main concerns raised by the CFA in regard to safety at the aerodrome.

11. Financial Planning

The following projects and costings are considered relevant at the time of preparation of this Aerodrome Development Plan: (Note – all indicative costs are exclusive of GST).

Routine Maintenance: a typical rate of \$0.5 per m² of sealed runway would result in a required average annual allocation of approximately \$13,500 for routine maintenance, based on 18,000m² of runway (1km at 18m width), 1980m² of taxiway (110m length at 18m width), 5400m² of manoeuvring and parking area and 1050m² of aircraft turning area.

Minor Rehabilitation: the runway, taxiways and road network within the aerodrome varies in age and condition, which indicates that expenditure on minor rehabilitation will be recurrent. At present there is evidence of minor deterioration and it is considered that an annual allowance to cover approximately 100 m² is reasonable. This would result in typical expenditure of \$6,500 per year.

Periodic Maintenance: there are sections of the aerodrome network that require sealing/resealing to provide waterproofing and an improved surface level of protection to the pavement. Prior to sealing/resealing it is imperative that all pavement deficiencies be treated.

11.1 Short Term Planning

In the short term, West Wimmera Shire needs to plan and budget for the completion of the work funded under the Regional Airport Programme Funding Application that was completed in 2022. This project comprises of a number of separate elements to support the fire-fighting capability for aircraft operating out of Edenhope Aerodrome. The project is budgeted to cost \$405,000 with West Wimmera Shire contributing \$50,000 in the 2023/24 financial year and an additional \$20,000 being required for solar power to the new shed.

West Wimmera Shire also needs to budget to submit an application for each future round of airport funding (State and Federal), preparing staged funding applications to improve Edenhope Aerodrome in accordance with the identified priorities.

Provision for minor rehabilitation and routine maintenance also needs to be included in the budget every year.

11.2 Major Rehabilitation/Improvement Works

In summary, the following major rehabilitation and improvement projects are proposed in a staged process.

Priority	Description
1	Improve the amenities (shed, toilet facilities, kitchenette, desk area, storage and ambulance transfer area etc) at the aerodrome.
1	Install water tanks.
1	Construct a bore to fill water tanks.
1	Taxiway upgrade.
1	Install an aerial, mounted on new shed to improve communications and wiring for emergency generator.
2	Replace existing aerodrome lighting system with a new solar lighting system.
3	Construct helipad and taxiway to accommodate rotary aircraft.
4	Pavement improvements and sealing of aircraft parking area including tie down points, line-marking and signage.
5	Provide electricity to the site.
6	Construction of car parking area.
7	Upgrade existing North/South Runway to Code 2B (1050m length, 23m width) including upgrading the lighting in accordance with CASA Standards.
8	East/West Runway upgrade – Planning Scheme and Land Acquisition.
9	Construct East/West Runway including pre-construction planning including identifying native vegetation issues and lighting.
10	Construct second helipad and taxiway for additional helicopters.

This list of potential projects is not exhaustive and should be reviewed every year.

11.3 Long Term Planning

The regular review and benchmarking of the recommendations and indicative costs provided above and in the eight year investment plan will provide West Wimmera Shire with confidence in financial planning for infrastructure over the long term.

11.4 8 Year Investment Plan

The following 8 year rolling investment plan is provided for consideration:

Year	Item/Description	Recommended Investment (Excl GST)	Total
Year 1	Improve the amenities and facilities at the Edenhope Aerodrome including: (a) new shed with toilet facilities, kitchenette, desk area, DELWP storage facilities and ambulance transfer area (b) solar power and battery for new shed including wiring for emergency generator and all electrical fitout (c) aerial mounted on new shed to improve communications (d) installation of new water tanks (e) construction and commissioning of a new bore (f) improved taxiway to new facilities	\$405,000	\$445,000
	Routine Maintenance	\$13,500	
	Minor Rehabilitation	\$6,500	
Year 2	Replacement of the aerodrome lighting system with a new solar power lighting system for runway 18/36	\$45,000	\$65,000
	Routine Maintenance	\$13,500	
	Minor Rehabilitation	\$6,500	
Year 3	Construction of helipad and taxiway to accommodate rotary wing aircraft.	\$753,200	\$773,200
	Routine Maintenance	\$13,500	
	Minor Rehabilitation	\$6,500	
Year 4	Pavement improvements and sealed surface on aircraft parking area including line-marking / signage and tie down points.	\$353,500	\$373,500
	Routine Maintenance	\$13,500	
	Minor Rehabilitation	\$6,500	
Year 5	Provision of electricity to the site and from the pit to the shed.	\$160,000	\$180,000
	Routine Maintenance	\$13,500	
	Minor Rehabilitation	\$6,500	
Year 6	Construction of carparking area.	\$117,000	\$137,000
	Routine Maintenance	\$13,500	
	Minor Rehabilitation	\$6,500	
Year 7	Upgrade Existing Runway 18/36 to Code 2B (1050m Length and 23m Width) including the lighting to CASA standards.	\$1,650,200	\$1,670,200
	Routine Maintenance	\$13,500	
	Minor Rehabilitation	\$6,500	

Year	Item/Description	Recommended Investment (Excl GST)	Total
Year 8	East/West Runway - Planning Scheme and Land Acquisition	\$829,000	\$849,000
	Routine Maintenance	\$13,500	
	Minor Rehabilitation	\$6,500	
Year 9	Construct East/West Runway including pre-construction planning, clearing of native vegetation and installation of lighting in accordance with CASA Standards.	\$2,808,800	\$2,828,800
	Routine Maintenance	\$13,500	
	Minor Rehabilitation	\$6,500	
Year 10	Construction of second helipad and taxiway to accommodate rotary wing aircraft.	\$753,200	\$773,200
	Routine Maintenance	\$13,500	
	Minor Rehabilitation	\$6,500	
TOTAL			\$8,094,900

Following on from Year 10 it is recommended that the existing turning movement area and taxiways be assessed for the further application of reseals to those sections of pavement that have not been recently resurfaced and that require waterproofing and protection.

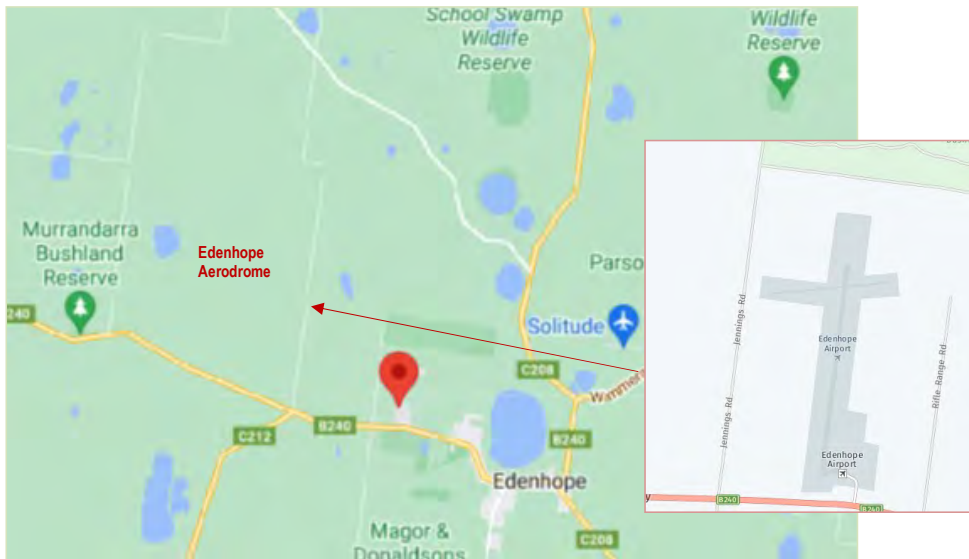
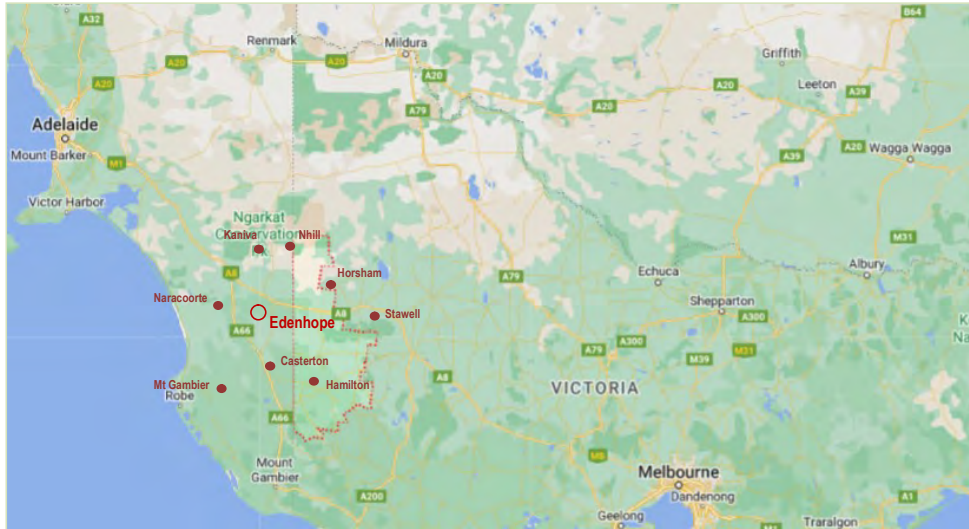
Consideration should also be given to the construction of a hangar to lease to aircraft owners and other commercial activities that compliment the aerodrome and will generate an ongoing income stream to offset maintenance costs at the aerodrome.

Attachments

Appendix A	Aerodrome Locality Plan
Appendix B	Aerial Photograph of Aerodrome
Appendix C	Proposed Concept Plans
Appendix D	Summary of Current Design Standards
Appendix E	Concept Estimates
Appendix F	Wind Roses Applicable to Edenhope Aerodrome & Cross Wind Calculations
Appendix G	Summary of Inspections for Edenhope Aerodrome
Appendix H	Edenhope Aerodrome – Stakeholder Meeting Minutes
Appendix I	Photographs

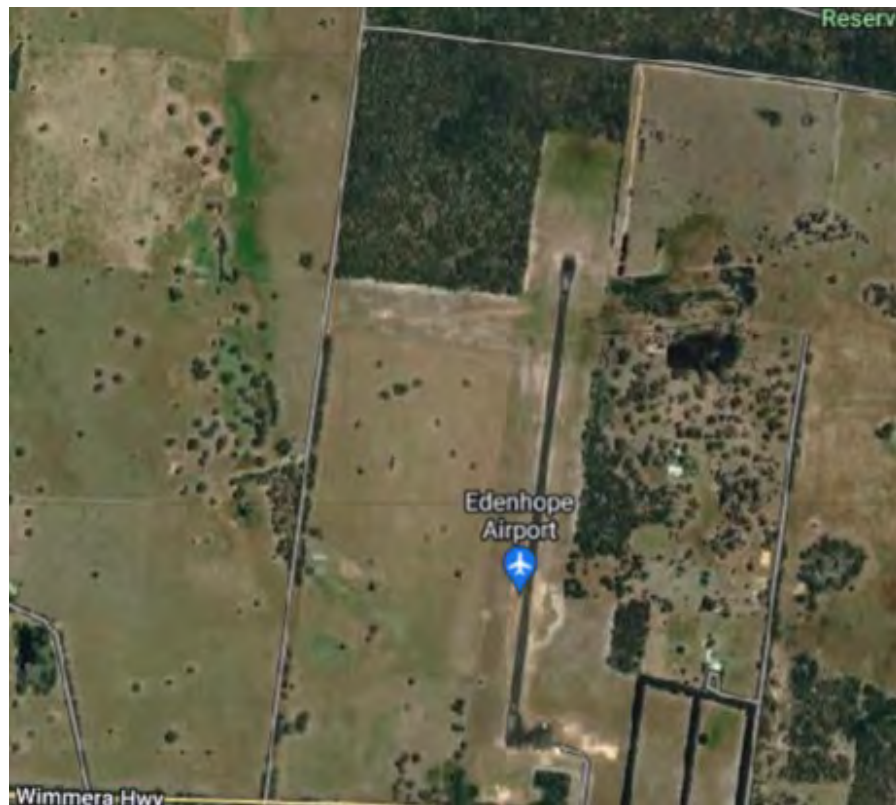
Appendix A

Edenhope Aerodrome Locality Plan



Appendix B


Aerial Photograph of Aerodrome



Appendix C

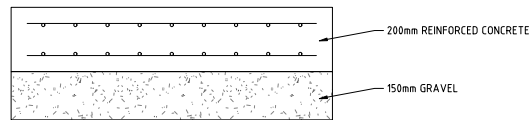
Proposed Concept Drawings



E				 Consulting Civil, Traffic and Municipal Engineers	DESIGNED: N. GRIFFITHS MARCH 2023	EDENHOPE AERODROME WEST WIMMERA SHIRE COUNCIL OVERALL AERODROME CONCEPT LAYOUT PLAN	DRAWING NO	REV
D			CHECKED: K. WHYTCROSS MARCH 2023					
C	Preliminary - OPTION 1 ADOPTED		APPROVED: K. WHYTCROSS MARCH 2023					
B	Preliminary - AMENDED AS PER COUNCIL COMMENTS		SCALE: 1: 10,000 (A4)					
A	Preliminary							
REVISION	AMENDMENTS	APPROVED	DATE				SHEET No. 1 of 5	
							FILE NAME	



HELIPAD LAYOUT PLAN
SCALE 1: 1000 (A4)



HELIPAD TYPICAL PAVEMENT
SCALE 1:20 (A4)

(TO BE CONFIRMED WITH REFERENCE TO GEOTECHNICAL INVESTIGATION REPORT AND DESIGN HELICOPTER)

E			
D			
C	Preliminary - OPTION 1 ADOPTED		
B	Preliminary - AMENDED AS PER COUNCIL COMMENTS		
A	Preliminary		
REVISION	AMENDMENTS	APPROVED	DATE



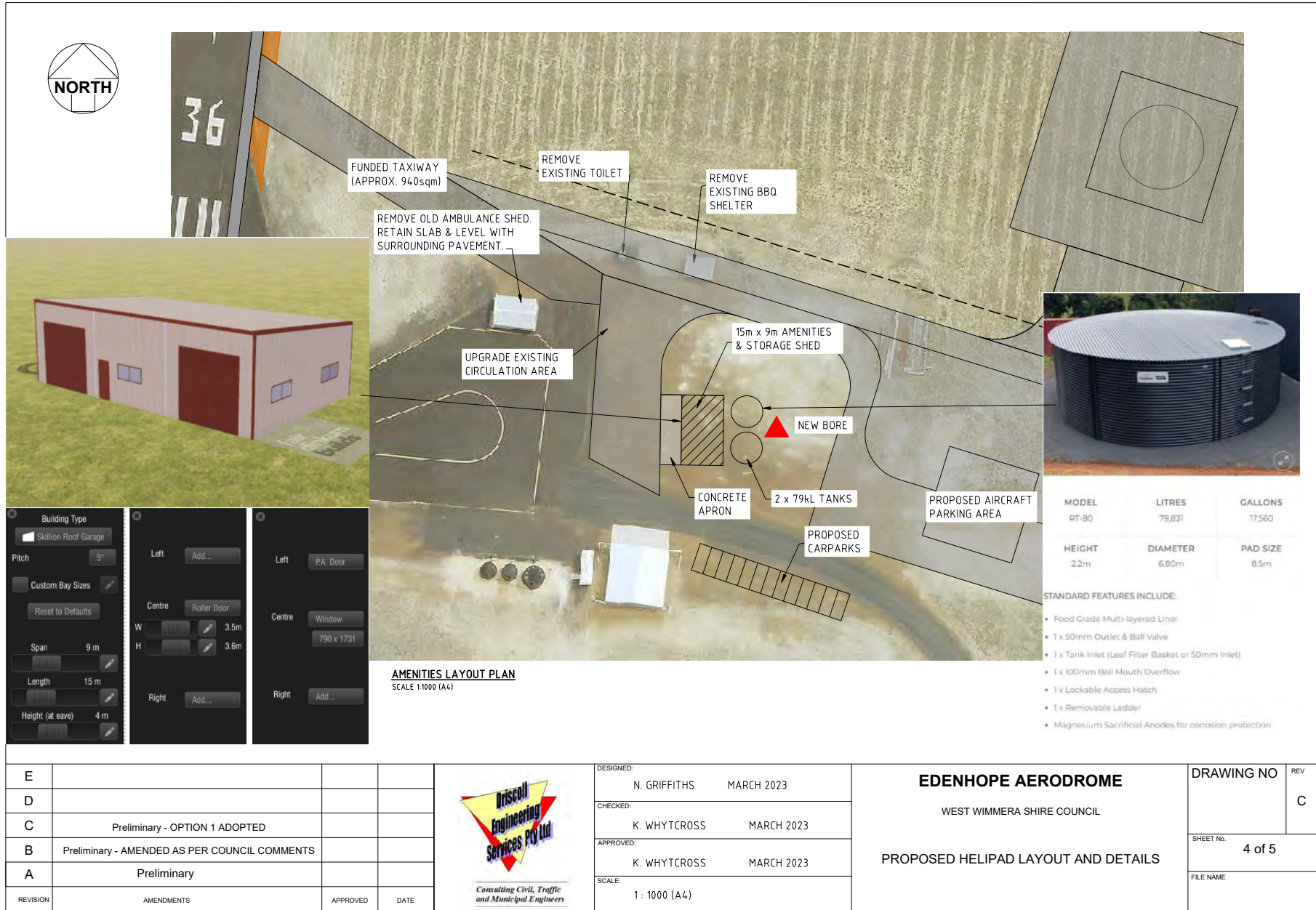
DESIGNED:	N. GRIFFITHS	MARCH 2023
CHECKED:	K. WHYTCROSS	MARCH 2023
APPROVED:	K. WHYTCROSS	MARCH 2023
SCALE:	AS SHOWN	

EDENHOPE AERODROME

WEST WIMMERA SHIRE COUNCIL


**PROPOSED HELIPAD AND TAXIWAY
CONCEPT OPTION 1**

DRAWING NO	REV
	C
SHEET No.	3 of 5
FILE NAME	





AIRCRAFT PARKING LAYOUT PLAN
SCALE 1:1000 (A4)

E				 <p><i>Consulting Civil, Traffic and Municipal Engineers</i></p>	DESIGNED: N. GRIFFITHS MARCH 2023	<p>EDENHOPE AERODROME</p> <p>WEST WIMMERA SHIRE COUNCIL</p> <p>AIRCRAFT PARKING AREA LAYOUT PLAN</p>	DRAWING NO	REV
D			CHECKED: K. WHYTCROSS MARCH 2023				C	
C	Preliminary - OPTION 1 ADOPTED		APPROVED: K. WHYTCROSS MARCH 2023		SHEET No.		5 of 5	
B	Preliminary - AMENDED AS PER COUNCIL COMMENTS		SCALE: 1 : 1000 (A4)		FILE NAME			
A	Preliminary							
REVISION	AMENDMENTS	APPROVED	DATE					

Appendix D

Current Design Standards for Aerodromes

Current Standards – Fixed Wing Aircraft

The following tables provide a summary of the current standards for aerodrome infrastructure as defined the Manual of Operating Standards Part 139 and the Guidelines for heliports – design and operation, June 2022 AS 14/24.

Aerodrome Reference Code				
Code Element 1		Code Element 2		
Code Number	Aeroplane Reference Field Length	Code Letter	Wing Span	Outer Main Gear Wheel (OMGW) Span
1	Less than 800m	A	Up to but not including 15m	Up to but not including 4.5m
2	800m up to but not including 1200m	B	15m up to but not including 24m	4.5m up to but not including 6m
3	1200m up to but not including 1800m	C	24m up to but not including 36m	6m up to but not including 9m
4	1800m and over	D	36m up to but not including 52m	9m up to but not including 14m

Table 2.1.1 Aerodrome Reference Code

Aeroplane Type	Ref. Code	Aeroplane Characteristics					
		ARFL (m)	Wingspan (m)	OMGWS (m)	Length (m)	MTOW (kg)	TP (kPa)
Beechcraft 200	1B	ARFL 592m Landing Distance 1346m Take Off Field Length 756m	16.6	5.6	13.3	5670	735
<i>Beechcraft 260</i>		<i>Landing Distance 867m Take Off Field Length 643m</i>	<i>17.65</i>		<i>13.4</i>	<i>5670</i>	
<i>Beechcraft 360</i>		<i>Landing Distance 821m Take Off Field Length 1006m</i>	<i>17.65</i>		<i>14.2</i>	<i>6804</i>	
Beechcraft 360ER		Landing Distance 909m Take Off Field Length 1237m	17.65		14.2	7484	
Beechcraft 1900	2B	ARFL 1098m Landing Distance 844m Take Off Field Length 1140m	16.6	5.8	17.6	7530	-

Table 2.1.2 Aerodrome Reference Codes and Aeroplane Characteristics

Runway Length

Aeroplane reference field length	Code Number
Less than 800m	1
800m and up to but not including 1200m	2
1200m up to but not including 1800m	3
1800m and over	4

Table 7.1 Aerodrome Facility Reference Code Number – Design Standards for Licensed Aerodromes

Runway Width

Code Number	OMGWS			
	(A) < 4.5m	(B) ≥4.5m and <6m	(C) ≥6m and <9m	(D) ≥9m and <15m
1a	18m	18m	23m	-
2	23m	23m	30m	-
3	30m	30m	30m	45m
4	-	-	-	45m

Note1: OMGWS refers to Outer Main Gear Wheel Span

Table 6.02 (1) Minimum Runway Width - Manual of Standards Part 139, 2021

Graded Runway Strip Width

Runway Code Number (ARC)	Graded Runway Strip Width
1	60m
2	80m
3 (if the runway width is 30m)	90m
3 (if the runway width is 45m or more or scheduled for international use)	150m
4	

Table 6.17 (1) Graded Runway Strip Width – Manual of Standards Part 139, 2021

Note: For Code 3 runways with a width of 30m, a 150m wide graded runway strip is recommended. For a Code 1 runway that has permanent lighting, the graded runway strip width must not be less than 80m.

Runway End Safety Area (RESA)

Runway Code Number	Minimum Length of a RESA	Preferred Length of RESA
1 or 2	60m	120m
3 or 4	90m or 240m (if the runway is scheduled for international air transport operations)	240m

Table 6.26 (4) The minimum length of a RESA – Manual of Standards Part 139, 2021

Note: The minimum length of a RESA is 60m unless otherwise provided for in Table 6.26 (4), and a RESA must as a minimum be twice the width of the associated runway.

Runway Shoulders

Runway shoulders are not required for aircraft operational purposes where the runway code letter is A, B and C and the runway is used only by aeroplanes not exceeding 22700kg. However shoulders are recommended for engineering purposes to protect runway pavements.

Taxiway Width

OMGWS	Minimum Taxiway Width (straight sections)	Graded Area of a Taxiway Strip
Up to but not including 4.5m	7.5m	10.25m
4.5m up to but not including 6m	10.5m	11m
6m up to but not including 9m	15m	12.5m
9m up to but not including 15m	23m	18.5m

Table 6.37 (1) Minimum width for straight section of taxiway – Manual of Standards Part 139, 2021

Note: The width of a straight section of a taxiway must not be less than the width determined using Table 6.37 (1).

The taxiway bearing strength must be:

- (a) At least equal to the bearing strength of the runway it serves; or
- (b) Otherwise capable of bearing the weights and movement frequencies of the types of aeroplanes which the taxiway serves.

Width of a Taxiway Strip

Runway Code Number (ARC)	Graded Runway Strip Width
1	60m
2	80m
3 (if the runway width is 30m)	90m
3 (if the runway width is 45m or more or scheduled for international use)	150m
4	

Table 6.17 (1) Graded Runway Strip Width – Manual of Standards Part 139, 2021

Taxiway Strip Width

Taxiway Code	Graded Runway Strip Width
A	15.5m
B	20m
C	26m

Clause 6.48 Width of Taxiway Strip – Manual of Standards Part 139, 2021

The width of the taxiway strip refers to the distance on each side of the centreline of the taxiway and is measured from the centreline along the full length of the taxiway.

Aircraft Parking Positions – Minimum Separation Distance

Taxiway Code	Graded Runway Strip Width
A	3.0m
B	3.0m
C	4.5m

Table 6.58 (1) Aircraft Parking Positions – Minimum Separation Distance – Manual of Standards Part 139, 2021

Note: An aircraft parked on an aircraft parking position must be separated from any object or structure, other than the aerobridge, by a distance not less than that determined using Table 6.58(1).

Current Standards – Rotary Wing Aircraft

Helicopter - FATO Minimum Separation Distance for Simultaneous Operations

If Aeroplane Mass and/or Helicopter Mass are:	Distance between FATO edge and Runway or Taxiway Edge
Up to but not including 3175kg	60m
3175kg up to but not including 5760kg	120m
5760kg up to but not including 100,000kg	180m
100,000kg and over	250m

Table 1: FATO minimum separation distance for simultaneous operations
- Guidelines for heliports – design and operation, June 2022 AS 14/24

Dimensions of the TLOF (Touchdown and Lift Off Area)

Clause 3.1.6.4 - Guidelines for heliports – design and operation, June 2022 AS 14/24

The dimensions of the TLOF should be:

- (a) When in a FATO intended to be used by helicopters operated in performance class 1, the dimensions for the required procedure prescribed in the flight manuals of the helicopters for which the TLOF is intended;
- (b) When a FATO intended to be used by helicopters operated in performance class 2 or 3, or in a stand:
 - (i) When there is no limitation of the direction of touchdown, of sufficient size to contain a circle of diameter of at least 0.83D of:
 - a. In a FATO, the design helicopter; or
 - b. In a stand, the largest helicopter the stand is intended to serve.
 - (ii) when there is a limitation on the direction of touchdown, of sufficient width to meet the requirements of 3.1.6.3(a) but not less than twice the undercarriage width (UCW) of:
 - a. In a FATO, the design helicopter; or
 - b. In a stand, the most demanding helicopter the stand is intended to serve.

Note: 3.1.6.3(a) Free of obstacles and sufficient size and shape to ensure containment of the undercarriage of the most demanding helicopter the TLOF is intended to serve in accordance with the intended orientation.

Clause 3.1.6.5 - Guidelines for heliports – design and operation, June 2022 AS 14/24

3.1.6.5 For an elevated heliport, the minimum dimensions of a TLOF, when in a FATO, should be of sufficient size to contain a circle of diameter of at least 1 Design D.

Adopt a TLOF of 1 Design D or 0.83D if this cannot be achieved.
Dimensions of the FATO (Final Approach and Take Off) area

Guidelines for heliports – design and operation, June 2022 AS 14/24

Clause 3.1.2 – Final approach and take-off (FATO) area

3.1.2.1 A heliport should be provided with at least one FATO, which does not need to be solid.

3.1.2.2 A FATO should have the following features:

- (a) Free of obstacles, except for essential objects which because of their function are located on it, and of sufficient size and shape to ensure containment of every part of the design helicopter in the final phase of approach and commencement of takeoff in accordance with the intended procedures.
- (b) When solid, resistant to the effects of rotor downwash.

- (c) When collocated with a touchdown and lift-off (TLOF) area, contiguous and flush with the TLOF, and a bearing strength capable of withstanding the intended loads and effective drainage.
- (d) When non-collocated with a TLOF, free of hazards to a potential forced landing.
- (e) Associated with a safety area.

3.1.2.3 The dimensions of a FATO should be:

- (a) Where intended to be used by helicopters operated in performance class 1: GUIDELINES FOR HELIPORTS - DESIGN AND OPERATION AC 139.R-01 v1.0 June 2022 Page 15:
 - (i). The length of the rejected take-off distance (RTOD) for the most demanding required take-off procedure for the heliport prescribed in the flight manual (FM) of the helicopters for which the FATO is intended, or 1.5 Design D, whichever is greater;
 - (ii). The width for the required procedure prescribed in the FM of the helicopters for which the FATO is intended, or 1.5 Design D, whichever is greater; or
- (b) Where intended to be used by helicopters operated in performance class 2 or 3, the lesser of:
 - (i). An area within which can be drawn a circle of diameter of 1.5 Design D; or
 - (ii). When there is a limitation on the direction of approach and touchdown, an area of sufficient width to meet the specification of 3.1.3.2 (a) but not less than 1.5 times the overall width of the design helicopter.

Adopt a FATO of 1.5 Design D.

Note: A FATO should not be located near taxiway intersections or holding points where jet engine efflux is likely to cause high turbulence or near areas where aeroplane vortex wake generation is likely to exist.

Dimensions of the Helicopter Taxiway

Guidelines for heliports – design and operation, June 2022 AS 14/24

Clause 3.1.7 – Helicopter Taxiways

3.1.7.1 A helicopter is a surface intended for the ground movement of a wheeled helicopter under its own power. This does not prevent a taxiway from being used for air taxi if it is associated with a helicopter taxi route.

3.1.7.2 A helicopter taxiway should have the following features:

- (a) Free of obstacles and of sufficient width to ensure containment of the undercarriage of the most demanding wheeled helicopter the taxiway is intended to serve.
- (b) Surface which:
 - (i) Has the bearing strength to accommodate the taxiing loads of the helicopters the taxiway is intended to serve;
 - (ii) Is free of irregularities that would adversely affect the ground taxiing of helicopters;
 - (iii) Is resistant to the effects of rotor downwash;
 - (iv) Ensures effective drainage while having no adverse effect on the control or stability of a wheeled helicopter when being manoeuvred under its own power or when stationary.
 - (v) Associated with a taxi-route.

3.1.7.3 The minimum width of a helicopter taxiway should be the lesser of:

- (a) Twice the UCW (Undercarriage Width) of the most demanding helicopter the taxiway is intended to serve; or
- (b) A width meeting the requirements of 3.1.7.2(a).

From an older reference, ICAO Heliport Manual (Doc 9261) - 2001
Table 2.1.5.2 – The width of a helicopter ground taxiway shall not be less than:

Helicopter Main Gear Span	Helicopter Ground Taxiway Width
Up to but not including 4.5m	7.5m
4.5m up to but not including 6m	10.5m
6m up to but not including 10m	15m
10m and over	20m

Adopt a Helicopter Taxiway Width of 11m.

Dimensions of the Helicopter Taxiway Route

Guidelines for heliports – design and operation, June 2022 AS 14/24
Clause 3.1.8 – Helicopter Taxi Route

3.1.8.4 A helicopter ground taxi-route should have a minimum width of 1.5 times the overall width of the largest helicopter it is intended to serve be centred on a taxiway.

3.1.8.6 A helicopter air taxi-route should have a minimum width of twice the overall width of the largest helicopter it is intended to serve

Dimensions of the Safety Area (SA) for a Surface Level Heliport

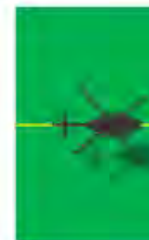
ICAO Heliport Manual (Doc 9261) – Chapter 3 – Physical Characteristics – Surface Level Heliports
– Notes from 2016 Workshop



EXAMPLE A: GROUND-TAXI ROUTE



EXAMPLE B: AIR-TAXI ROUTE



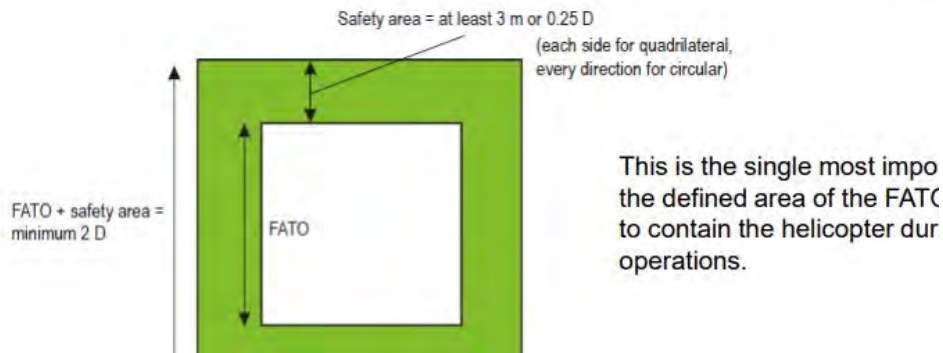
EXAMPLE C: SAFETY AREA

Edenhope Aerodrome Heliport Design

Note: D is the maximum dimension of the rotorcraft



Safety Area (SA) for a Surface Level Heliport



Air Ambulance

Air Ambulance have Augusta Westland 139 helicopters with a rotor diameter of 13.8m and overall length 16.66m.

Victoria Police

"Victoria Police Air Wing provides 24/7 coverage to a wide range of police and search and rescue incidents across the Australian state of Victoria. In June 2020, the unit acquired three Leonardo AW139 7000kg-version helicopters."

Victoria Police Air Wing have Augusta Westland 139 helicopters with a rotor diameter of 13.8m and overall length of 16.66m.

CFA

The National Aerial Firefighting Centre have contracted a number of rotary wing helicopter types.

In Ballarat the largest fire-bombing helicopter is the **AS 332L1 Super Puma** that has a rotor diameter of **16.2m**, **UCW of 3.0m** and an overall length of 16.79m and there is a Eurocopter AS350 B2 which has a rotor diameter of 10.7m, a UCW of 1.84m and an overall length of 10.78m.

There is a **Bell 412 in the Northwest** that is used for firebombing which has a rotor diameter of **14.02m**, **UCW of 2.89m** and a length of **17.1m**.

The Sikorsky Air Crane (Elvis) has a rotor diameter of 22m and an overall length of 27m.

Adopt the Bell 412 (5 in Victoria and used for firebombing) or the Super Puma as the design helicopter, requiring a D of 17.1m.

The requirements for the skycrane are excessive for Edenhope given that this aircraft does not need to land in order to refill with water.

AS 332L1 Super Puma
 $FATO = 1.5D = 1.5 * 16.8m = 25.2m$ say 26m
 $TLOF = \text{at least } 0.83D = 0.83 * 16.8 = 13.9m$ but better with $1D = 16.2m$
 Ground Taxiway Route Width = $1.5D = 25.2m$ say 26m

Bell 412
 $FATO = 1.5D = 1.5 * 17.1m = 25.65m$ say 26m
 $TLOF = \text{at least } 0.83D = 0.83 * 17.1 = 14.2m$ but better with $1D = 17.1m$
 Ground Taxiway Route Width = $1.5D = 25.65m$ say 26m

Adopt a **taxiway width of 11m** (not less than 10.5m refer old ICAO manual) **plus shoulders (to provide a width of at least 0.5D on each side i.e. 18m overall taxiway width)**. This width is greater than 2 * the UCW of the Design Helicopters. **Given that FATO is 1.5 D, adopt a 26m x 26m FATO which allows for 17.3m largest dimension (diameter rotor or overall length).**

GUIDELINES FOR HELIPORTS - DESIGN A

A.1.1 The following table provides data on the downwash impact associated with helicopter types.

Table 12: Aircraft downwash data

Type	Helicopter Data			Peak Wind Velocity			
	MTOW	Rotor Diameter	Disc Loading	Radius @ 40 km/h		Radius @ 60 km/h	
	(kg)	(m)	(kg/m ²)	(radii)	(m)	(radii)	(m)
AW101	15600	18.6	57.47	7.0	65	5.5	51
S92	12565	17.2	54.27	6.8	58	5.4	46
H225	11200	16.2	54.34	6.8	55	5.4	44
B525	9299	16.6	42.91	6.0	50	4.8	40
AW189	8300	14.6	49.58	6.5	47	5.2	38
H175	7800	14.8	45.34	6.2	46	5.0	37
AW139	6800	13.8	45.46	6.2	43	5.0	34
H160	6050	13.4	42.90	6.0	40	4.8	32
Bell 412	5398	14.0	34.97	5.5	38	4.1	29
S76	5306	13.4	37.57	5.6	38	4.4	29

Appendix E
Concept Estimate

West Wimmera Shire
Proposed Works at Edenhope Aerodrome
June 2023

Sheet	Priority	Description	Estimated Cost
		Edenhope Aerodrome	
1	1	Improve the amenities and facilities at the Edenhope Aerodrome including: (a) new shed with toilet facilities, kitchenette, desk area, DELWP storage facilities and ambulance transfer area (b) installation of new water tanks (c) construction and commissioning of a new bore (d) improved taxiway to new facilities	\$425,000
2	1	Replacement of the aerodrome lighting system with a new solar power lighting system for runway 18/36	\$45,000
3	2	Construction of helipad and taxiway to accommodate rotary wing aircraft	\$753,200
4	3	Pavement improvements and sealed surface on aircraft parking area including line-marking / signage and tie down points.	\$353,500
5	3	Provision of electricity to the site, and from the pit to the shed.	\$160,000
6	3	Construction of carparking area	\$117,000
7	4	Upgrade Existing North South Runway to Code 2B (1050m long x 23m wide plus 3.5m shoulders)	\$1,650,200
8	5	East West Runway - Planning Scheme and Land Acquisition	\$829,000
9	6	East West Runway - Planning and Construction	\$2,808,800
10	10	Construction of second helipad and taxiway to accommodate rotary wing aircraft	\$753,200

Total Estimated Improvement Cost	\$7,894,900
Total Estimated Maintenance Cost (allow \$20,000 per annum)	\$200,000
Total Estimated Cost for 10 Year Period	\$8,094,900

Maintenance Priority	Public Risk / Amenity	Asset Importance
High = 3	High = 3	High = 3
Medium = 2	Medium = 2	Medium = 2
Low = 1	Low = 1	Low = 1

Maintenance Priority	Public Risk / Amenity	Asset Importance	Total Score	Priority		
High	3	High	3	27	1	
High	3	High	3	27	1	
Medium	2	High	3	18	2	
Medium	2	Medium	2	12	3	
Medium	2	Medium	2	12	3	
Medium	2	High	3	12	3	
Low	1	High	3	9	4	
Low	1	Medium	2	6	5	
Low	1	Medium	2	4	6	
Low	1	Medium	2	1.5	3	10

Concept Estimate

Date: 9/06/2023

Edenhope Aerodrome - Facilities Upgrade

Construction of new CFA Shed including ambulance transfer station, office and storage area, kitchenette and toilet facilities, water supply upgrades and access improvements.

Item No.	Description	Quantity	Unit	Rate	Total
1	TECHNICAL SERVICES				
1.1	Design and Documentation	1	Item	7500	\$7,500
2	GENERAL				
2.1	Management and Supervision incl Air Traffic Management, Site Set-out, Supervision	3	weeks	\$2,500	\$7,500
3	EARTHWORKS				
	Bulk Cut & Fill				
3.1	General bulk cut & fill to building	143	m3	\$130	\$18,590
3.2	Class '4' pavement material compacted to 98% compaction on subgrade to apron	25	m3	\$130	\$3,250
3.3	Class '4' pavement material compacted to 98% compaction - rainwater tanks base	70		\$130	\$9,100
3.4	Timber edging	68		\$55	\$3,740
4	AMENITIES BUILDING - PRE-FABRICATED SHED				
	Blinding & Pad Footings				
4.1	Blinding & Pad Footings	135	m2	\$25	\$3,375
	Ground Slab				
4.2	Reinforced concrete slab with slab beam, polythene membrane & sand bed	135.0	m2	\$150	\$20,250
4.3	Saw cut joint	3	m2	\$700	\$2,100
	Prefabricated Shed				
4.4	3 Bay prefabricated shed (15x9m)	135	m2	\$500	\$67,500
	Internal Fit out				
4.5	Internal Walls	1	Item	14,025.00	\$14,025
4.6	Lintels & Wall Bracings	1	Item	1,811.00	\$1,811
4.7	Doors & Door Hardware	1	Item	2,535.00	\$2,535
4.8	Wall, Floor & Ceiling Finishes	1	Item	11,927.00	\$11,927
4.9	Joinery	1	Item	8,000.00	\$8,000
4.10	Toilet Accessories & Signs	1	Item	1,490.00	\$1,490
4.11	Painting	1	Item	3,300.00	\$3,300
4.12	Sanitary Fixtures & Plumbing	1	Item	15,000.00	\$15,000
4.13	Electrical Services	1	Item	30,000.00	\$30,000
5	PAVEMENT				
5.1	Taxiway - Prepare existing pavement material, top up with 150mm depth of approved pavement material, shape and compact to finished level to match existing taxiway.	940	m2	\$85	\$79,900
6	EXTERNAL WORKS				
6.1	Effluent Field - 12m x 1m Effluent field	1	Item	\$5,000	\$5,000
	Rainwater Tank & Water Services				
6.2	2 x 79,831L Rainwater tanks & associated pipe works	2	Item	14,000.00	\$28,000
6.3	25 Dia. water pipe	4	m	100.00	\$400
6.4	Associated valves	4	Item	1,000.00	\$4,000
6.5	Septic Tank & External Sewer Drains 3000L septic tank	1	Item	1,000.00	\$1,000
6.6	100 Dia. UPVC sewer pipe	15	m	150.00	\$2,250
	External Fire Services & Fire Hydrant				
6.7	Construction of bore including fittings and connections	1	Item	25,000.00	\$25,000
6.8	100 Dia. fire pipe	25	M	250.00	\$6,250
6.9	Dual outlet hydrant	2	No.	2,000.00	\$4,000
7	PROVISIONAL SUM ITEMS/CONTINGENCY	5%	Item		\$18,207
8	ADDITIONAL WORKS - Solar Power for Shed	1	Item		\$20,000
	TOTAL				\$425,000.00

Concept Estimate

Date: 9/06/2021

Upgrade the existing Runway Lighting with a new Solar Powered Runway Lighting System

Item No.	Description	Quantity	Unit	Rate	Total
1	Replace existing solar powered lighting with a new solar powered runway lighting system for Runway 18/36.	1	Item	45000	\$45,000
	TOTAL				\$45,000

Concept Estimate

Date: 9/06/2023

Edenhope Aerodrome - Construction of Helipad and connecting taxiways Construction and Sealing of One Helipad and Connecting Taxiway

Item No.	Description	Quantity	Unit	Rate	Total
1	TECHNICAL SERVICES				
1.1	Survey	1	Item	3000	\$3,000
1.2	Pavement Investigation	1	Item	4000	\$4,000
1.3	Design	1	Item	6000	\$6,000
1.4	Specification Preparation	1	Item	6000	\$6,000
1.5	Contract Management	1	Item	6000	\$6,000
2	CONTRACTOR RESPONSIBILITIES - GENERAL				
2.1	Management and Supervision	5	weeks	\$3,500	\$17,500
2.2	Preparation and Maintenance of OH&S Management System	4	weeks	\$500	\$2,000
2.3	Quality Management	4	weeks	\$500	\$2,000
2.4	Air Traffic Management	4	weeks	\$500	\$2,000
2.5	Environmental Management	4	weeks	\$500	\$2,000
2.6	Site Establishment	1	Item	\$12,000	\$12,000
2.7	Identification and Protection of Utilities	1	Item	\$1,500	\$1,500
2.8	Survey Set Out	1	Item	\$4,000	\$4,000
3	PAVEMENT WORKS				
	Helipad - 26m x 26m pad for FATO consisting of 200mm depth reinforced concrete over 150mm depth class 4 gravel				
3.1	Excavation and preparation	240.00	m3	\$40	\$9,600
3.2	Reinforced concrete base course - 200mm thick	676.00	m2	\$150	\$101,400
3.3	Class 4 gravel bedding - 150mm class 4 gravel	676.00	m2	\$30	\$20,280
	Taxiway to the helipad and turning area around the helipad				
3.5	Preparation of taxiway route width outside 15m wide pavement	780.00	sqm	\$2	\$1,170
3.6	Excavation and preparation for 15m wide pavement and turning area	1255.00	cub m	\$35	\$43,925
3.7	450mm thick gravel pavement to carry semi-trailer water carriers	2783.00	m2	\$105	\$292,225
3.9	50mm asphalt wearing surface with tack coat to taxiway and turning area around helipad to withstand turning tankers	334.00	tonne	\$300	\$100,200
4	DELINEATION AND MISCELLANEOUS WORKS				
4.1	Supply and install signage (Allow 1 signs)	1	No.	\$400	\$400
4.2	Sweep road to remove all loose aggregate.	1	Item	\$1,000	\$1,000
4.3	Painting of pads and taxiway centreline and edge lines	1	Item	\$5,000	\$5,000
5	PROVISIONAL SUM ITEMS				
5.1	Dayworks	1	Item	\$15,000	\$15,000
6	PROVISIONAL QUANTITIES				
6.1	Treatment of unsuitable material		Item		\$20,000
	Contingency and escalation - 10%				\$75,000.00
	TOTAL				\$753,200

Concept Estimate

Date: 9/06/2023

Edenhope Aerodrome - Aircraft Parking Area and taxiways

Construction of new aircraft parking area with taxiway access, linemarking and tie down points; upgrade taxiway area in front of new shed

Item No.	Description	Quantity	Unit	Rate	Total
1	TECHNICAL SERVICES				
1.1	Survey	1	Item	2500	\$2,500
1.2	Pavement Investigation	1	Item	2500	\$2,500
1.3	Design	1	Item	5000	\$5,000
1.4	Specification Preparation	1	Item	3500	\$3,500
1.5	Contract Management	1	Item	6000	\$6,000
2	CONTRACTOR RESPONSIBILITIES - GENERAL				
2.1	Management and Supervision	3	weeks	\$3,500	\$10,500
2.6	Site Establishment	1	Item	\$6,000	\$6,000
2.7	Identification and Protection of Utilities	1	Item	\$1,000	\$1,000
2.8	Survey Set Out	1	Item	\$1,500	\$1,500
3	EARTHWORKS AND PAVEMENT				
	allow for an area of 50m x 70m approx for aircraft parking, with taxiway (70m x 10.5m) connecting to existing taxiway area				
3.1	earthworks and preparation	1250	m3	\$35	\$43,750
3.2	construct 350mm deep pavement	1460	cubm solid	\$85	\$124,100
3.3	2 coat seal	4173	m2	\$14	\$58,420
3.4	sweep/remove all loose aggregate		item		\$3,500
	allow for upgrade of area to sealed surface in front on new shed				
3.5	top-up existing pavement - 100mm depth	54	cubm solid	\$85	\$4,590
3.6	2 coat seal	532	sqm	\$14	\$7,440
3.7	sweep/remove all loose aggregate		item		\$800
4	DELINEATION AND ASSOCIATED WORKS				
4.1	Signage		item		\$2,400
4.2	Linemarking		item		\$5,000
4.3	Tie Down points		item		\$10,000
5	PROVISIONAL SUM ITEMS				
5.1	Dayworks		Item		\$15,000
6	PROVISIONAL QUANTITIES				
6.1	Treatment of unsuitable material.		item		\$10,000
	Contingency and escalation 10%				\$30,000
	TOTAL				\$353,500

Concept Estimate

Date: 9/06/2021

Power Supply, Communications Aerial and Wiring, future lighting upgrades

Item No.	Description	Quantity	Unit	Rate	Total
1	Connect electrical supply to the aerodrome				\$100,000
2	Electrical supply from transformer to new buildings and services, incl switchboards, pumps, bore etc...				\$60,000
	TOTAL				\$160,000

Concept Estimate

Date: 9/06/2023

Edenhope Aerodrome - Carparking Area

Construction of new carparking area, linemarking and signage

Item No.	Description	Quantity	Unit	Rate	Total
1	TECHNICAL SERVICES				
1.1	Survey	1	Item	2500	\$2,500
1.2	Pavement Investigation	1	Item	2500	\$2,500
1.3	Design	1	Item	5000	\$5,000
1.4	Specification Preparation	1	Item	3500	\$3,500
1.5	Contract Management	1	Item	6000	\$6,000
2	CONTRACTOR RESPONSIBILITIES - GENERAL				
2.1	Management and Supervision	2	weeks	\$3,500	\$7,000
2.6	Site Establishment	1	Item	\$6,000	\$6,000
2.7	Identification and Protection of Utilities	1	Item	\$1,000	\$1,000
2.8	Survey Set Out	1	Item	\$1,500	\$1,500
3	EARTHWORKS AND PAVEMENT				
	allow for an area for 10 vehicles on a sealed carpark surface ie...of 6m wide x 30m long with access drive 30m x 6m wide connecting to existing taxiway area				
3.1	earthworks and preparation	90	m3	\$35	\$3,100
3.2	construct 350mm deep pavement	360	m2	\$100	\$36,000
3.3	2 coat seal	360	m2	\$14	\$5,000
3.4	sweep/remove all loose aggregate		item		\$1,500
4	DELINEATION AND ASSOCIATED WORKS				
4.1	Signage		item		\$2,400
4.2	Linemarking		item		\$3,000
5	PROVISIONAL SUM ITEMS				
5.1	Dayworks		Item		\$10,000
6	PROVISIONAL QUANTITIES				
6.1	Treatment of unsuitable material.		item		\$10,000
	Contingency and escalation 10%				\$11,000
	TOTAL				\$117,000

Concept Estimate

Date: 9/06/2023

Upgrade North South Runway to Code 2B standard (1050m long x 23m wide plus 3.5m unsealed shoulders)

Item No.	Description	Quantity	Unit	Rate	Total
Project Management					
	Planning permit - veg removal	1	item	8000	\$8,000
	Vegetation offset allowance	1	item	50000	\$50,000
	Survey	1	Item	6000	\$6,000
	Pavement Investigation	1	Item	4000	\$4,000
	Design	1	Item	15000	\$15,000
	Specification Preparation	1	Item	6000	\$6,000
	Contract Management	1	Item	15000	\$15,000
1	GENERAL				
1.1	Management and Supervision	3	weeks	\$3,500	\$10,500
1.2	Preparation and Maintenance of OH&S Management System	3	weeks	\$500	\$1,500
1.3	Quality Management	3	weeks	\$500	\$1,500
1.4	Air Traffic Management	3	weeks	\$500	\$1,500
1.5	Environmental Management	3	weeks	\$500	\$1,500
1.6	Site Establishment	1	Item	\$25,000	\$25,000
1.7	Identification and Protection of Utilities	1	Item	\$2,500	\$2,500
1.8	Survey Set Out	1	Item	\$7,500	\$7,500
2	EARTHWORKS				
2.1	Strip extension 50m long at north end, including removal of vegetation/scrub, stockpile	8	hrs	\$600	\$4,800
2.2	box out for existing runway widening 5m width for the landing strip plus 2 x 3.5m full depth shoulders plus 50m extension plus north end turning area	4305	cub m	\$15	\$64,575
3	DRAINAGE				
3.1	form and shape open drainage system at extremities of clearance, form outfalls where possible		item		\$15,000
4	PAVEMENT				
4.1	200mm depth limestone subbase to widening landing strip plus shoulders plus end area	2870	cubm solid	\$85	\$243,950
4.3	150mm depth limestone base course	2160	cubm solid	\$85	\$183,600
4.3	shaping and preparation for seal	14350	sqm	\$3	\$43,050
5	BITUMINOUS SURFACING				
5.1	allow for a bituminous primerseal for area of widening and extension	20300	sqm	\$5.0	\$101,500
5.2	final seal/reseal over the entire landing strip area	24150	sqm	\$7.0	\$169,050
5.3	asphalt to ends/turn areas	2800.00	sqm	\$35	\$98,000
7	DELINEATION AND MISCELLANEOUS WORKS				
7.1	Lighting renewal - all existing will be redundant because of the widenings		item		\$350,000
7.2	linemarking		item		\$15,000
7.3	other delineation, barriers etc..		item		\$20,000
8	PROVISIONAL SUM ITEMS				
8.1	Dayworks		Item		\$80,000
9	PROVISIONAL QUANTITIES				
9.1	Remove and replace unsuitable material.		item		\$60,000
	subtotal				\$1,434,975
	Contingency 15%				\$215,225
	TOTAL				\$1,650,200

Note
the estimated cost to upgrade North South Runway to Code 2B standard (1000m long x 23m wide)

Concept Estimate

Date: 9/06/2023

Land Acquisition and Planning Elements to establish East West Runway and to extend North South Runway

Item No.	Description	Quantity	Unit	Rate	Total
1	Management of process by Council		item		15,000
2	Licensed survey and preparation of acquisition plans		item		\$35,000
3	Planning process to re-zone		item		\$25,000
4	Legal process to acquire land		item		\$50,000
5	Compensation	13.8	ha	40000	\$552,000
6	Fees and charges - titles office, planning, advertising		item		\$15,000
7	Fencing				
	demolition of redundant	1.72	km	2000	\$3,400
	new fencing	2.55	km	10000	\$25,500
	subtotal				\$720,900
	Contingency 15%				\$108,100
	TOTAL				\$829,000

Concept Estimate

Date: 9/06/2023

**Design and Documentation to Construct East West Runway
1050m long x 23m wide (sealed) plus 3.5m unsealed full depth shoulders**

Item No.	Description	Quantity	Unit	Rate	Total
	Project Management				
	Planning permit - veg removal	1	item	8000	\$8,000
	Vegetation offset allowance	1	item	50000	\$50,000
	Survey	1	Item	9000	\$9,000
	Pavement Investigation	1	Item	7000	\$7,000
	Design	1	Item	20000	\$30,000
	Specification Preparation	1	Item	8000	\$8,000
	Contract Management	1	Item	20000	\$20,000
1	GENERAL				
1.1	Management and Supervision	6	weeks	\$3,500	\$21,000
1.2	Preparation and Maintenance of OH&S Management System	6	weeks	\$500	\$3,000
1.3	Quality Management	6	weeks	\$500	\$3,000
1.4	Air Traffic Management	6	weeks	\$500	\$3,000
1.5	Environmental Management	6	weeks	\$500	\$3,000
1.6	Site Establishment	1	Item	\$25,000	\$25,000
1.7	Identification and Protection of Utilities	1	Item	\$2,500	\$2,500
1.8	Survey Set Out	1	Item	\$7,500	\$7,500
2	EARTHWORKS				
2.1	Strip area, including removal of vegetation/scrub, stockpile	48	hrs	\$600	\$28,800
2.2	box out for runway to match existing runway levels at midpoint	6765	cub m	\$15	\$101,475
2.3	shape full width of clearance zone to 80m total width	56500	sqm	\$3	\$169,500
3	DRAINAGE				
3.1	form and shape open drainage system at extremities of clearance, form outfalls where possible		item		\$45,000
4	PAVEMENT				
4.1	200mm depth limestone subbase to 30m wide (landing strip plus shoulders) x 1000m long landing strip plus turn areas at each end (allow 32550sqm)	6510	cubm solid	\$85	\$553,350
4.3	150mm depth limestone base course	4883	cubm solid	\$85	\$415,055
4.3	shaping and preparation for seal	32550	sqm	\$2	\$48,820
5	BITUMINOUS SURFACING				
5.2	allow for a bituminous 2 coat seal for entire landing strip	22750	sqm	\$14.0	\$318,500
5.3	asphalt to ends/turn areas	2800	sqm	\$35	\$98,000
7	DELINEATION AND MISCELLANEOUS WORKS				
7.1	Lighting		item		\$350,000
7.2	linemarking		item		\$15,000
7.3	other delineation, barriers etc..		item		\$20,000
7.4	additional windsock		item		\$50,000
8	PROVISIONAL SUM ITEMS				
8.1	Dayworks		Item		\$80,000
9	PROVISIONAL QUANTITIES				
9.1	Remove and replace unsuitable material.		item		\$60,000
	subtotal				\$2,553,500
	Contingency 10%				\$255,300.00
	TOTAL				\$2,808,800

Concept Estimate

Date: 6/06/2023

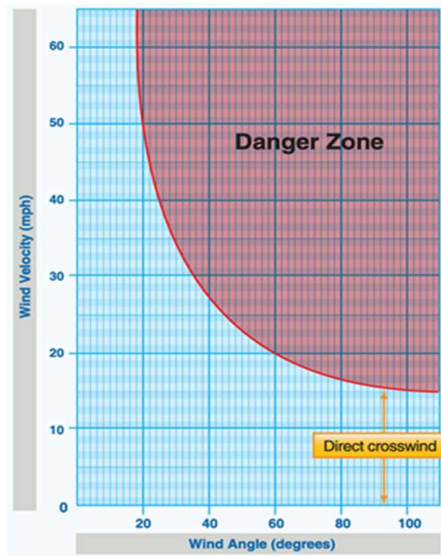
Edenhope Aerodrome - Construction of additional Helipad and connecting taxiway Construction and Sealing of Second Helipad and Connecting Taxiway

Item No.	Description	Quantity	Unit	Rate	Total
1	TECHNICAL SERVICES				
1.1	Survey	1	Item	3000	\$3,000
1.2	Pavement Investigation	1	Item	4000	\$4,000
1.3	Design	1	Item	6000	\$6,000
1.4	Specification Preparation	1	Item	6000	\$6,000
1.5	Contract Management	1	Item	6000	\$6,000
2	CONTRACTOR RESPONSIBILITIES - GENERAL				
2.1	Management and Supervision	5	weeks	\$3,500	\$17,500
2.2	Preparation and Maintenance of OH&S Management System	4	weeks	\$500	\$2,000
2.3	Quality Management	4	weeks	\$500	\$2,000
2.4	Air Traffic Management	4	weeks	\$500	\$2,000
2.5	Environmental Management	4	weeks	\$500	\$2,000
2.6	Site Establishment	1	Item	\$12,000	\$12,000
2.7	Identification and Protection of Utilities	1	Item	\$1,500	\$1,500
2.8	Survey Set Out	1	Item	\$4,000	\$4,000
3	PAVEMENT WORKS				
	Helipad - 26m x 26m pad for FATO consisting of 200mm depth reinforced concrete over 150mm depth class 4 gravel				
3.1	Excavation and preparation	240.00	m3	\$40	\$9,600
3.2	Reinforced concrete base course - 200mm thick	676.00	m2	\$150	\$101,400
3.3	Class 4 gravel bedding - 150mm class 4 gravel	676.00	m2	\$30	\$20,280
	Taxiway to the helipad and turning area around the helipad				
3.5	Preparation of taxiway route width outside 15m wide pavement	780.00	sqm	\$2	\$1,170
3.6	Excavation and preparation for 15m wide pavement and turning area	1255.00	cub m	\$35	\$43,925
3.7	450mm thick gravel pavement to carry semi-trailer water carriers	2783.00	m2	\$105	\$292,225
3.9	50mm asphalt wearing surface with tack coat to taxiway and turning area around helipad to withstand turning tankers	334.00	tonne	\$300	\$100,200
4	DELINEATION AND MISCELLANEOUS WORKS				
4.1	Supply and install signage (Allow 1 signs)	1	No.	\$400	\$400
4.2	Sweep road to remove all loose aggregate.	1	Item	\$1,000	\$1,000
4.3	Painting of pads and taxiway centreline and edge lines	1	Item	\$5,000	\$5,000
5	PROVISIONAL SUM ITEMS				
5.1	Dayworks	1	Item	\$15,000	\$15,000
6	PROVISIONAL QUANTITIES				
6.1	Treatment of unsuitable material		Item		\$20,000
	Contingency and escalation - 10%				\$75,000.00
	TOTAL				\$753,200

Appendix F
Wind Roses Applicable to Edenhope Aerodrome
&
Cross Wind Calculations

Maximum "Safe" Crosswind Calculations

According to the boldmethod.com website, the following chart was developed by the US Federal Aviation Administration (FAA) to emphasize the hazards associated with intensifying crossing conditions.



Edenhope, Victoria
February 2022 to February 2023 Summary of Crosswind Danger Zone Days
For Runway 18/36

Year	Month	No. Days in Danger Zone
2023	March	6
2023	February	9
2023	January	8
2022	December	10
2022	November	13
2022	October	12
2022	September	10
2022	August	15
2022	July	7
2022	June	8
2022	May	12
2022	April	9
2022	March	6
2022	February	12
	February 2022 to January 2023	122
	Days in a Year	365
	Percentage No. Days with a time in Danger Zone	33%

Edenhope, Victoria
February 2022 to February 2023 Daily Weather Observations

Date	Day	Temps		Rain	Evap	Sun	Max wind gust			Crosswind					Wind Speed	Danger Zone	9:00 AM					3:00 PM												
		Min	Max				Dir	Spd	Time	% Wind Speed	Crosswind Speed	Crosswind Speed	Crosswind Speed	Crosswind Speed			Temp	RH	Cld	Dir	Spd	MSLP	Temp	RH	Cld	Dir	Spd	MSLP						
		°C	°C	mm	mm	hours	km/h	km/h	local	30° to 60%	40° to 70%	60° to 90%	90° to 100%	km/h	Knots	mph	mph	90° and >10mph	67.5° & >10mph	45° & >20mph	22.5° & >40mph	22.5° to 40mph, 45° to 60mph, 65° to 80mph, 80° to 100mph	°C	%	g ^h	g ^h	km/h	hPa	°C	%	g ^h	g ^h	km/h	hPa
1	Su	15.6	37.9	0			NW	41	15:31	45	75	31	17	19	25	FALSE	FALSE	TRUE	FALSE	1	24.8	59	ENE	9	1008.4	36.9	21	WNW	20	1004.5				
2	Mo	15.7	30	0			S	37	18:49	0	0	0	0	23	FALSE	FALSE	FALSE	FALSE	0	16.9	85	SSW	15	1007.9	28.7	35	SSW	13	1007.1					
3	Tu	10.6	23.6	0			S	39	8:44	0	0	0	0	24	FALSE	FALSE	FALSE	FALSE	0	16.4	63	S	15	1012.1	22.2	37	S	19	1009.7					
4	We	9.4	21.3	0			SSE	43	17:40	23	50	22	12	13	27	FALSE	FALSE	FALSE	FALSE	0	14.5	54	S	20	1014.1	17.8	47	SSE	22	1013.3				
5	Th	10.1	24.1	0			SE	43	16:29	45	75	32	17	20	27	FALSE	FALSE	TRUE	FALSE	1	16.1	65	SE	19	1016.8	23.3	38	SSE	19	1014.4				
6	Fr	12.4	28.4	0			SE	31	7:35	45	75	23	13	14	19	FALSE	FALSE	FALSE	FALSE	0	16.8	66	ESE	17	1016.4	26.6	28	E	11	1012.6				
7	Sa	14.3	33.5	0			NE	48	14:46	45	75	36	19	22	30	FALSE	FALSE	TRUE	FALSE	1	21.2	50	NE	20	1011.4	31.4	21	N	9	1008				
8	Su	18.2	37.1	0			NNE	31	9:58	23	50	16	8	10	19	FALSE	FALSE	FALSE	FALSE	0	26.3	34	N	19	1010	35.3	17	NW	9	1007.8				
9	Mo	15	29.1	0			SSE	35	14:10	23	50	18	9	11	22	FALSE	FALSE	FALSE	FALSE	0	18.4	74	S	13	1015.1	27.1	39	S	19	1013.6				
10	Tu	11.8	29.9	0			SE	30	7:46	45	75	23	12	14	19	FALSE	FALSE	FALSE	FALSE	0	16.2	63	SSE	19	1016.2	27.3	27	SSE	11	1012.3				
11	We	9.1	32.7	0			SW	31	13:57	45	75	23	13	14	19	FALSE	FALSE	FALSE	FALSE	0	17.9	74	NW	2	1011.7	31	18	WSW	19	1009.5				
12	Th	11.9	32.3	0			SSE	30	16:00	23	50	15	8	9	19	FALSE	FALSE	FALSE	FALSE	0	17	74	S	9	1015.3	30.5	24	SSW	13	1013.4				
13	Fr	14.3	35.7	0			S	33	15:37	0	0	0	0	21	FALSE	FALSE	FALSE	FALSE	0	19	74	SSE	11	1016.5	34.4	17	SE	13	1013.2					
14	Sa	14.3	39.2	0			WSW	54	17:31	68	100	54	29	34	34	FALSE	TRUE	FALSE	FALSE	1	24.9	46	N	9	1010.8	37.1	12	WNW	13	1005.5				
15	Su	14.6	25.3	0			SSE	46	9:32	23	50	24	13	15	30	FALSE	FALSE	FALSE	FALSE	0	16.7	58	SSE	28	1019.5	24.2	31	SSE	24	1018.1				
16	Mo	10.2	32	0			ESE	33	2:05	68	100	33	18	21	21	FALSE	TRUE	FALSE	FALSE	1	15	60	E	7	1019.2	29.2	17	SSW	7	1015.9				
17	Tu	15	37	0			SW	57	15:30	45	75	43	23	27	35	FALSE	FALSE	TRUE	FALSE	1	26	45	NNE	17	1012.3	29.7	33	WSW	37	1010.6				
18	We	15	21.4	5			S	44	14:53	0	0	0	0	27	FALSE	FALSE	FALSE	FALSE	0	15.8	93	SSW	13	1014.8	18.5	59	S	17	1014.9					
19	Th	8.2	21.5	0			SSE	46	14:35	23	50	23	12	14	29	FALSE	FALSE	FALSE	FALSE	0	13.8	60	S	19	1019.6	20.4	35	SSE	22	1016.8				
20	Fr	10	25.3	0			SSE	37	14:53	23	50	19	10	11	23	FALSE	FALSE	FALSE	FALSE	0	14.6	62	SE	17	1016.6	22.2	38	S	13	1014.1				
21	Sa	11.6	28.1	0			SSE	39	20:04	23	50	20	11	12	24	FALSE	FALSE	FALSE	FALSE	0	16.8	72	SSE	15	1016.3	27.2	32	SSE	13	1013.1				
22	Su	13.4	28.6	0			SSE	37	18:17	23	50	19	10	11	23	FALSE	FALSE	FALSE	FALSE	0	17.5	69	SSE	22	1017.5	26.6	31	SSE	11	1014.4				
23	Mo	13	30.6	0			SSE	33	18:18	23	50	17	9	10	21	FALSE	FALSE	FALSE	FALSE	0	16.9	80	E	13	1015	28.6	29	WNW	6	1010.6				
24	Tu	15.1	29.7	0			WSW	33	16:45	68	100	33	18	21	21	FALSE	TRUE	FALSE	FALSE	1	16.9	91	S	7	1012	26	40	WSW	13	1010.6				
25	We	9.8	29.7	0			WSW	46	16:32	68	100	48	26	30	33	FALSE	FALSE	FALSE	FALSE	0	16.2	34	N	6	1012.1	34	22	WNW	22	1009.7				
26	Th	12	25.7	0			SSE	30	9:56	23	50	15	8	9	19	FALSE	FALSE	FALSE	FALSE	0	16.9	68	SSE	13	1017.6	23.7	33	SSW	15	1016				
27	Fr	10.7	34.1	0			NNW	31	14:36	23	50	16	8	10	19	FALSE	FALSE	FALSE	FALSE	0	16.4	61	NE	9	1014.7	31.1	20	NNE	11	1009.8				
28	Sa	16.4	30.2	0			NNE	37	2:29	23	50	19	10	11	23	FALSE	FALSE	FALSE	FALSE	0	23.2	37	E	6	1007.1	29.8	28	W	2	1007.5				
29	Su	15.7	20	2.4			SSE	26	17:39	23	50	13	7	8	16	FALSE	FALSE	FALSE	FALSE	0	15.8	100	S	9	1013	18.9	83	S	7	1013.5				
30	Mo	9.6	27.9	0			S	37	10:54	0	0	0	0	23	FALSE	FALSE	FALSE	FALSE	0	15.9	79	SSE	17	1015	26.3	37	SSW	17	1013.5					
31	Tu	6.8	27.3	0			SSE	30	8:45	23	50	15	8	9	19	FALSE	FALSE	FALSE	FALSE	0	14.4	83	S	9	1011.5	24.5	37	SSW	15	1007.5				
Statistics for January 2023		Mean	12.6	29.3	0															8	17.9	67		13	1014.1	27.2	32			14	1011.6			
		Lowest	6.8	20	0																			2	1007.1	17.8	12			2	1004.5			
		Highest	18.2	39.2	5		SW	57																28	1019.6	37.1	63	WSW	37	1018.1				
		Total			7.4																													

Date	Day	Temps		Rain	Evap	Sun	Max wind gust			Crosswind					Wind Speed	Danger Zone	9:00 AM					3:00 PM												
		Min	Max				Dir	Spd	Time	% Wind Speed	Crosswind Speed	Crosswind Speed	Crosswind Speed	Crosswind Speed			Temp	RH	Cld	Dir	Spd	MSLP	Temp	RH	Cld	Dir	Spd	MSLP						
		°C	°C	mm	mm	hours	km/h	km/h	local	30° to 60%	40° to 70%	60° to 90%	90° to 100%	km/h	Knots	mph	mph	90° and >10mph	67.5° & >10mph	45° & >20mph	22.5° & >40mph	22.5° to 40mph, 45° to 60mph, 65° to 80mph, 80° to 100mph	°C	%	g ^h	g ^h	km/h	hPa	°C	%	g ^h	g ^h	km/h	hPa
1	Th	8.1	21.6	0			S	35	14:05	0	0	0	0	22	FALSE	FALSE	FALSE	FALSE	0	15.6	72	SSE	20	1019	20.6	56	SSE	20	1016.4					
2	Fr	8.6	27.3	0			SE	24	23:16	45	75	18	10	11	15	FALSE	FALSE	FALSE	FALSE	0	15.4	65	E	7	1016.7	25.9	35	SW	13	1013.9				
3	Sa	13.1	31.8	0			SW	30	18:51	45	75	23	12	13	19	FALSE	FALSE	FALSE	FALSE	0	21.9	60	NE	9	1014.5	30.7	20	W	11	1011.8				
4	Su	12.7	33.9	0			W	41	15:18	90	100	41	22	25	25	TRUE	FALSE	FALSE	FALSE	0	25.6	44	N	13	1010.1	32.9	21	W	22	1007.8				
5	Mo	12.7	19.9	0			S	43	8:22	0	0	0	0	27	FALSE	FALSE	FALSE	FALSE	0	14.9	68	SSE	24	1014.7	19.2	42	S	24	1014.9					
6	Tu	6.3	22.1	0			SE	30	7:34	45	75	23	12	14	19	FALSE	FALSE	FALSE	FALSE	0	13.1	62	SE	17	1013.4	21	40	WNW	9	1008.5				
7	We	10.7	19.6	0			W	50	15:14	90	100	50	27	31	31	TRUE	FALSE	FALSE	FALSE	1	13.6	75	SSW	17	1008.2	17.8	44	SW	26	1009.3				
8	Th	4.9	17	0.4			SSW	37	8:19	23	50	19	10	11	23	FALSE	FALSE	FALSE	FALSE	0	12.4	58	SSW	17	1018	13.7	51	S	19	1017.2				
9	Fr	4.5	20.8	0			ENE	30	9:12	68	100	30	16	19	19	FALSE	TRUE	FALSE	FALSE	1	13.2	57	E	9	1019.2	18.3	45	NE	7	1016.1				
10	Sa	8.8	26.3	0			ESE	30	18:42	68	100	30	16	19	19	FALSE	TRUE	FALSE	FALSE	1	15.9	53	NE	13	1014.8	23.5	29	N	9	1010.4				
11	Su	15.7	21	0			W	31	22:15	90	100	31	17	19	19	TRUE	FALSE	FALSE	FALSE	1	17.1	62	WSW	7	1005.4	16.3	80	SW	7	1006.2				
12	Mo	8.5	18.6	0			SW	57	17:29	45	75	43	23	27	35	FALSE	FALSE	TRUE	FALSE	1	11.6	82	WSW	19	1007.3	17	56	SW	30	1009.4				
13	Tu	10.3	28.8	0			SW	56	12:25	45	75	42	23	26	35	FALSE	FALSE	TRUE	FALSE	1	12.5	89	NW	19	1010.9	16.3	42	WSW	28	1011.9				
14	We	6.5	17.7	0.2			S	48	13:16	0	0	0	0	30	FALSE	FALSE	FALSE																	

Edenhope, Victoria
February 2022 to February 2023 Daily Weather Observations

Date	Day	Temps		Rain	Evap	Sun	Max wind gust			Crosswind Angle for Runway 18/36	% Wind Speed	Crosswind Speed	Crosswind Speed	Crosswind Speed	Wind Speed	Danger Zone	9:00 AM					3:00 PM													
		Min	Max				Dir	Spd	Time								Temp	RH	Cld	Dir	Spd	MSLP	Temp	RH	Cld	Dir	Spd	MSLP							
		°C	°C	mm	mm	hours	km/h	km/h	local	30° & 60°	45° & 75°	60° & 90°	90° & 135°	135° & 180°	180° & 225°	22.5° & 45.0°	°C	%	g ^h	Dir	Spd	MSLP	°C	%	g ^h	Dir	Spd	MSLP							
31	Sa	14.5	30.7	0			S	24	20:08	0	0	0	0	0	15	FALSE	FALSE	FALSE	FALSE	0	18.1	73		S	6	1013.7	28.7	25		NW	7	1010.2			
Statistics for December 2022																	10	16.6	65		13	1015.2	23.4	39		16	1013.2								
Mean		10.9	25.3																																
Lowest		4.5	17	0																															
Highest		22.1	39.5	5																															
Total				6.8																															

Date	Day	Temps		Rain	Evap	Sun	Max wind gust			Crosswind Angle for Runway 18/36	% Wind Speed	Crosswind Speed	Crosswind Speed	Crosswind Speed	Wind Speed	Danger Zone	9:00 AM					3:00 PM														
		Min	Max				Dir	Spd	Time								Temp	RH	Cld	Dir	Spd	MSLP	Temp	RH	Cld	Dir	Spd	MSLP								
		°C	°C	mm	mm	hours	km/h	km/h	local	30° & 60°	45° & 75°	60° & 90°	90° & 135°	135° & 180°	180° & 225°	22.5° & 45.0°	°C	%	g ^h	Dir	Spd	MSLP	°C	%	g ^h	Dir	Spd	MSLP								
1	Tu	5.6	12.6	5.4			WSW	67	16:32	68	100	67	36	42	42	FALSE	TRUE	FALSE	FALSE	1	7.8	91		W	13	993.9	12.3	63		SW	22	996.8				
2	We		14.1	3			WSW	46	13:44	68	100	46	25	29	29	FALSE	TRUE	FALSE	FALSE	1	8.7	86		WSW	19	1011.3	11.4	82		WSW	24	1012.7				
3	Th	5.9	14.5	0			SW	31	16:20	45	75	23	13	14	19	FALSE	FALSE	FALSE	FALSE	0	10.5	76		SSW	11	1022.1	13.3	75		WSW	13	1023.2				
4	Fr	5.2	17.2	0			SE	13	20:48	45	75	10	5	6	8	FALSE	FALSE	FALSE	FALSE	0	12.3	83		E	6	1029.3	17.1	52		SSW	2	1025.9				
5	Sa	8.1	22.5	0.2			N	28	11:20	0	0	0	0	0	17	FALSE	FALSE	FALSE	FALSE	0	14.1	77		NE	13	1024.8	22	47		W	6	1021.3				
6	Su	11.1	26.3	0			N	24	8:34	0	0	0	0	0	15	FALSE	FALSE	FALSE	FALSE	0	18	59		NNE	7	1021.5	25.1	32		W	7	1019.3				
7	Mo	13	27.1	0			NE	22	12:18	45	75	17	9	10	14	FALSE	FALSE	FALSE	FALSE	0	18.9	64		NE	11	1019.5	26.2	35		NNE	6	1017.3				
8	Tu	14.3	29.2	0			N	28	10:33	0	0	0	0	0	17	FALSE	FALSE	FALSE	FALSE	0	20.2	64		NNE	13	1015.8	27.7	34		N	9	1013.6				
9	We	15.8	29.7	0			NNE	44	10:41	23	50	22	12	14	27	FALSE	FALSE	FALSE	FALSE	0	22	61		NE	15	1014.3	28.6	35		N	30	1010.3				
10	Th	17.8	24.1	1.4			NE	35	23:11	45	75	26	14	16	22	FALSE	FALSE	FALSE	FALSE	0	18.4	84		N	13	1009.8	22.4	79		NE	11	1008.1				
11	Fr	12.5	21	4.8			S	24	12:47	0	0	0	0	0	15	FALSE	FALSE	FALSE	FALSE	0	14.3	93		WSW	7	1012.1	18.6	69		S	9	1010.5				
12	Sa			0			E	52	20:50	90	100	52	28	32	32	TRUE	FALSE	FALSE	FALSE	1	13.4	86		SE	11	1011.1				E	6	1007.6				
13	Su			18.6			W	43	15:50	90	100	43	23	27	27	TRUE	FALSE	FALSE	FALSE	1				NW	11	1000.7				W	15	998.5				
14	Mo	12.1	16.9	2.6			SW	50	11:07	45	75	38	20	23	31	FALSE	FALSE	TRUE	FALSE	1	14.1	94		SSW	24	1004.5	15.8	60		SW	22	1009.7				
15	Tu	6.1	14.2	2			S	63	12:32	0	0	0	0	0	39	FALSE	FALSE	FALSE	FALSE	0	9.3	68		SSW	11	1017.2	11	68		SSW	22	1015.5				
16	We	16.6	0.4				S	31	15:47	0	0	0	0	0	19	FALSE	FALSE	FALSE	FALSE	0	9.3	80		SW	9	1019.3	15.9	47		SSW	20	1018.4				
17	Th	4.9	18.4	0			ESE	26	17:26	68	100	26	14	16	16	FALSE	FALSE	FALSE	FALSE	0	11.9	74		SSE	9	1021.3	17.5	50		E	7	1017.6				
18	Fr		24.6	0			NNE	35	13:38	23	50	18	9	11	22	FALSE	FALSE	FALSE	FALSE	0	14.1	88		NE	15	1013.1	22.7	37		NNE	19	1007.3				
19	Sa	14.1	20.3	1.6			W	41	17:25	90	100	41	22	25	25	TRUE	FALSE	FALSE	FALSE	1	14.6	87		NE	11	998	20.2	74		N	6	992.1				
20	Su	9.1	16.1	15.2			WSW	70	15:51	68	100	70	38	43	43	FALSE	TRUE	FALSE	FALSE	1	12.3	76		W	19	1000.9	12.1	90		W	31	1000.2				
21	Mo	5.5	12.7	4.4			WSW	78	16:19	68	100	78	42	48	48	FALSE	TRUE	FALSE	FALSE	1	9.5	74		W	28	1008	11.3	75		WSW	31	1011				
22	Tu	7	16.8	3			WSW	46	13:26	68	100	46	25	29	29	FALSE	TRUE	FALSE	FALSE	1	11	90		W	19	1017.5	13.8	85		W	28	1016.6				
23	We	9.9	18.6	1			W	30	14:00	90	100	30	16	19	19	TRUE	FALSE	FALSE	FALSE	1	12.3	91		WSW	11	1016.6	17.2	56		WSW	19	1018.5				
24	Th	7.3	20	0			WSW	28	14:26	68	100	28	15	17	17	FALSE	FALSE	FALSE	FALSE	0	11.5	77		SW	9	1022.2	18.4	57		W	15	1021.1				
25	Fr	6.8	25.9	0			E	19	7:44	90	100	19	10	12	12	FALSE	FALSE	FALSE	FALSE	0	13.7	73		E	13	1021.5	23.3	41		NNW	7	1017.3				
26	Sa	13.7	27.9	0			W	65	14:02	90	100	65	35	40	40	TRUE	FALSE	FALSE	FALSE	1	19.6	59		NNE	20	1005.9	22.1	49		W	30	1004.7				
27	Su	11.9	18.1	0.6			WSW	46	15:03	68	100	46	25	29	29	FALSE	TRUE	FALSE	FALSE	1	13	77		W	19	1006.7	16.8	61		WSW	24	1006.9				
28	Mo	7.3	17.1	0.4			W	41	18:14	90	100	41	22	25	25	TRUE	FALSE	FALSE	FALSE	1	11.9	77		W	19	1011.1	16.3	64		WSW	17	1010.5				
29	Tu	11	20.9	0.8			WSW	28	15:25	68	100	28	15	17	17	FALSE	FALSE	FALSE	FALSE	0	12.9	88		WSW	11	1018	19.9	48		W	13	1017.4				
30	We	6.6	19.9	0			SSE	28	19:36	23	50	14	8	9	17	FALSE	FALSE	FALSE	FALSE	0	12.6	74		SSW	11	1020.8	16.6	61		S	13	1018.1				
Statistics for November 2022																	13	13.5	77		13	1013.7	18.4	58		16	1012.3									
Mean		9.7	20.1																																	
Lowest		4.9	12.6	0																																
Highest		17.8	29.7	18.6																																
Total				65.4																																

Edenhope, Victoria
February 2022 to February 2023 Daily Weather Observations

Date	Day	Temps		Rain	Evap	Sun	Max wind gust			Crosswind Angle for Runway 18/36	% Wind Speed	Crosswind Speed	Crosswind Speed	Crosswind Speed	Wind Speed	Danger Zone	9:00 AM					3:00 PM										
		Min	Max				Dir	Spd	Time								Temp	RH	Cld	Dir	Spd	MSLP	Temp	RH	Cld	Dir	Spd	MSLP				
		°C	°C	mm	mm	hours	km/h	local	km/h	km/h	Knots	mph	mph	mph	22.5°-40mph, 45°-50mph, 65°-75mph, 80°-90km/h	°C	%	g ^h	g ^h	km/h	hPa	°C	%	g ^h	g ^h	km/h	hPa					
1	Sa			0			10:44	0	0	0	0	0	0	0	FALSE	FALSE	FALSE	FALSE	0	15.4	70		ENE	11	1024	20.3	46		W	7	1019.7	
2	Su	7	21.9	0			SSE	19	19:17	23	50	10	5	6	12	FALSE	FALSE	FALSE	FALSE	0	13.4	79	NE	4	1020.3	20.9	44	WNNW	2	1017.7		
3	Mo	10.7	22.2	0			NNE	30	8:58	23	50	15	8	9	19	FALSE	FALSE	FALSE	FALSE	0	14.1	65	NE	15	1019.3	21	46	WNNW	9	1017.3		
4	Tu	12.6	20.1	0			SE	30	15:52	45	75	23	12	14	19	FALSE	FALSE	FALSE	FALSE	0	13.8	80	ESE	11	1020.5	17.5	72	SE	17	1019		
5	We	10.6	13.9	0.2			ENE	46	14:52	68	100	46	25	29	29	FALSE	TRUE	FALSE	FALSE	1	13.1	87	ENE	22	1016.6	12.7	96	ENE	24	1012.5		
6	Th	12.6	20.4	12			NW	35	15:18	45	75	26	14	16	22	FALSE	FALSE	FALSE	FALSE	0	13.7	100	NNE	15	1012.4	20.2	76	N	19	1009.6		
7	Fr	10.2	17	13			W	54	14:52	90	100	54	29	34	34	TRUE	FALSE	FALSE	FALSE	1	12.7	99	W	13	1011.9	16	57	W	30	1012.2		
8	Sa	3.6	15	0			W	35	14:41	90	100	35	19	22	22	TRUE	FALSE	FALSE	FALSE	0	7.7	86	SW	7	1021.1	13.5	52	WSW	11	1021.1		
9	Su	2.1	15.6	0			W	17	10:05	90	100	17	9	11	11	FALSE	FALSE	FALSE	FALSE	0	8.3	96	W	4	1027	14	58	WSW	9	1025.1		
10	Mo	3.9	19.3	0			N	30	10:33	0	0	0	0	0	19	FALSE	FALSE	FALSE	FALSE	0	10.1	78	NE	11	1020	15.6	54	N	13	1020.9		
11	Tu	10.1	21.9	0			N	37	12:57	0	0	0	0	0	23	FALSE	FALSE	FALSE	FALSE	0	13.1	62	NE	17	1016.4	20.2	38	N	19	1012.6		
12	We	13.2	16.9	0			NE	33	0:50	45	75	25	13	15	21	FALSE	FALSE	FALSE	FALSE	0	14.7	70	NNE	17	1010.8	16.4	80	NE	7	1010.4		
13	Th	10.5	12.9	4.6			NNW	22	17:23	23	50	11	6	7	14	FALSE	FALSE	FALSE	FALSE	0	10.6	100	NE	7	1008.1	10.3	90	NW	7	1004.1		
14	Fr	9.2	16.1	12.4			W	52	11:31	90	100	52	28	32	32	TRUE	FALSE	FALSE	FALSE	1	11.8	87	W	26	1009.1	15.1	59	WSW	26	1013.6		
15	Sa	8.3	16.6	1			W	31	11:53	90	100	31	17	19	19	TRUE	FALSE	FALSE	FALSE	1	11.2	86	NW	11	1020	15.6	54	WNNW	9	1018.9		
16	Su	6.9	17.8	0.4			NW	24	14:57	45	75	18	10	11	15	FALSE	FALSE	FALSE	FALSE	0	10.8	98	WSW	6	1023.1	14.1	69	WSW	7	1021.3		
17	Mo	6.2	19.6	1.8			ESE	15	21:35	68	100	15	8	9	9	FALSE	FALSE	FALSE	FALSE	0	11	81	ESE	9	1023.5	18.6	47	WSW	6	1019.7		
18	Tu	9	22.3	0			N	26	11:03	0	0	0	0	0	0	FALSE	FALSE	FALSE	FALSE	0	11.3	73	NE	11	1017.1	21.3	38	N	7	1014.5		
19	We	7.6	23.4	0			SSE	35	13:56	23	50	18	9	11	22	FALSE	FALSE	FALSE	FALSE	0	14.6	74	SSE	4	1019	22.5	41	SSE	20	1015.6		
20	Th	9.6	25.9	0			E	26	13:37	90	100	26	14	16	16	TRUE	FALSE	FALSE	FALSE	0	15.4	84	SE	13	1015.4	26	48	E	11	1011		
21	Fr	15.4	26.1	0			S	35	16:33	0	0	0	0	0	22	FALSE	FALSE	FALSE	FALSE	0	19.9	75	NE	11	1010.7	25.5	59	E	9	1006.2		
22	Sa	12.7	20.1	25			SW	28	5:34	45	75	21	11	13	17	FALSE	FALSE	FALSE	FALSE	0	13.8	100	SSE	9	1010.2	18.6	76	WSW	11	1006		
23	Su	11.9	13.9	8.4			SSE	39	17:21	23	50	20	11	12	24	FALSE	FALSE	FALSE	FALSE	0	12.4	100	ESE	9	1014.2	12.9	100	SE	20	1013		
24	Mo		17	27.8			SE	33	1:10	45	75	25	13	15	21	FALSE	FALSE	FALSE	FALSE	0	17	1009.2	16.5	89	SE	17	1006	16.5	89	ESE	17	1006
25	Tu	21	31.6	3.6			WSW	28	17:53	68	100	28	15	17	17	FALSE	FALSE	FALSE	FALSE	0	16.4	92	NE	9	1005.1	17.9	84	WSW	15	1005.1		
26	We	12.9	17.4	0			W	37	14:32	90	100	37	20	23	23	TRUE	FALSE	FALSE	FALSE	1	13.5	100	WNNW	13	1003.4	16	90	WNNW	17	1001.5		
27	Th	12.1	15.8	0			W	63	14:06	90	100	63	34	39	39	TRUE	FALSE	FALSE	FALSE	1	12.6	100	W	22	1002.1	15.4	90	W	26	1002.8		
28	Fr	9.4	15.8	2.6			SW	50	13:06	45	75	38	20	23	31	TRUE	FALSE	TRUE	FALSE	1	10.5	100	W	24	1005.1	14.4	66	WSW	28	1006.7		
29	Sa	7.9	15.2	1			W	41	10:28	90	100	41	22	25	25	TRUE	FALSE	FALSE	FALSE	1	11.7	81	WNNW	13	1008.3	12.2	91	W	22	1008.1		
30	Su	5	18.7	1.6			WSW	63	20:22	68	100	63	34	39	39	TRUE	FALSE	TRUE	FALSE	1	11.3	83	ENE	13	1006.6	13.9	84	NE	22	997.1		
31	Mo	10.7	13.6	15.6			WNNW	59	1:27	68	100	59	32	37	37	FALSE	TRUE	FALSE	FALSE	1	11.8	97	NW	11	994.5	10.4	98	W	17	991.5		

Statistics for October 2022

Mean	9.4	18.5														12	12.7	85			12	1013.9	17	67			14	1011.7	
Lowest	2.1	12.9	0														7.7	62			#	4	994.5	10.3	38			2	991.5
Highest	15.4	26.9	27.8				#	63									19.9	100			W	26	1027	26	100			30	1025.1
Total			131																										

Date	Day	Temps		Rain	Evap	Sun	Max wind gust			Crosswind Angle for Runway 18/36	% Wind Speed	Crosswind Speed	Crosswind Speed	Crosswind Speed	Wind Speed	Danger Zone	9:00 AM					3:00 PM								
		Min	Max				Dir	Spd	Time								Temp	RH	Cld	Dir	Spd	MSLP	Temp	RH	Cld	Dir	Spd	MSLP		
		°C	°C	mm	mm	hours	km/h	local	km/h	km/h	Knots	mph	mph	mph	22.5°-40mph, 45°-50mph, 65°-75mph, 80°-90km/h	°C	%	g ^h	g ^h	km/h	hPa	°C	%	g ^h	g ^h	km/h	hPa			
1	Th	4.8	14.4	0			W	31	14:22	90	100	31	17	19	19	TRUE	FALSE	FALSE	FALSE	1	9.8	82	NNW	9	1024	12.3	78	W	15	1022.7
2	Fr	3.7	13.1	1.2			S	33	13:20	0	0	0	0	0	21	FALSE	FALSE	FALSE	FALSE	0	7.9	81	S	13	1032	10.8	57	SSW	15	1031
3	Sa	3	15.1	0			S	30	11:21	45	75	23	12	14	19	FALSE	FALSE	FALSE	FALSE	0	6.4	100	S	7	1033.7	14.1	62	SSE	17	1030.5
4	Su	6.4	13.3	0			SE	26	18:19	45	75	20	11	12	16	FALSE	FALSE	FALSE	FALSE	0	8.8	82	SE	11	1032.3	11.6	73	S	17	1029
5	Mo	4.9	14.8	0.2			SE	31	11:37	45	75	23	13	14	19	FALSE	FALSE	FALSE	FALSE	0	9.4	84	SE	9	1028.3	13.6	56	SE	11	1024.5
6	Tu	5.5	15.9	0			E	26	13:10	90	100	26	14	16	16	TRUE	FALSE	FALSE	FALSE	1	9.7	75	ENE	11	1023.3	15.5	55	NE	13	1018.9
7	We	7.3	18.5	0			ENE	41	22:10	68	100	41	22	25	25	FALSE	TRUE	FALSE	FALSE	1	12.2	71	ENE	17	1015.8	17.8	56	ENE	20	1010.2
8	Th	12.1	13.6	7.8			NE	44	6:18	45	75	33	18	21	27	FALSE	FALSE	TRUE	FALSE	1	13.4	97	NNE	20	1005.2	12.2	99	WNNW	7	1001.7
9	Fr	10.1	17.4	8.8			SSW	39	19:29	23	50	20	11	12	24	FALSE	FALSE	FALSE	FALSE	0	11.8	99	NE	9	1005.5	16.1	73	W	9	1004.8
10	Sa	8.9	13.1	0.6			WSW	33	12:18	68	100	33	18	21	21	FALSE	TRUE	FALSE	FALSE	1	11.2	72	SW	20	1016.9	12.2	58	WSW	17	1016.8
11	Su	8.6	14.8	0			W	46	15:03	90	100	46	25	29	29	TRUE	FALSE	FALSE	FALSE	1	10.1	76	W	15	1017.6	13.3	69	W	19	1016
12	Mo	5.7	13.4	5.4			SSW	24	10:11	23	50	12	6	7	15	FALSE	FALSE	FALSE	FALSE	0	9.3	82	SSW	7	1022.5	11.7	65	S	15	1022.5
13	Tu	2.6	14.4	0			NE	24	14:19	45	75	18	10	11	15	FALSE	FALSE	FALSE	FALSE	0	9	78	NE	7	1028.4	13.9	49	NE	11	1024.2
14	We	6.3	13.8	0			NNE	50	15:32	23	50	25	13	16	31	FALSE	FALSE	FALSE	FALSE	0	8.7	65	NE	26	1018.3	13.2	63	NNE	20	1011.6
15	Th	7.1	17.5	6			W																							

Edenhope, Victoria
February 2022 to February 2023 Daily Weather Observations

Date	Day	Temps		Rain	Evap	Sun	Max wind gust			Crosswind Angle for Runway 18/36	% Wind Speed 30° = 60%, 40° = 75%, 60° = 100%	Crosswind Speed	Crosswind Speed	Crosswind Speed	Wind Speed	Danger Zone	9:00 AM						3:00 PM					
		Min	Max				Dir	Spd	Time								Temp	RH	Cld	Dir	Spd	MSLP	Temp	RH	Cld	Dir	Spd	MSLP
		°C	°C	mm	mm	hours	km/h	km/h	local		km/h	Knots	mph	mph		°C	%	g ^h	Dir	Spd	hPa	°C	%	g ^h	Dir	Spd	hPa	
Statistics for September 2022		Mean	6.9	15.6												10	10.7	82		13	1018.3	14.4	64			16	1016	
		Lowest	2.3	13.1	0											6.4	65		WSW	2	998.9	10.8	43		ENE	6	998.9	
		Highest	12.1	20	12.9			W	74						13.6	100		#	26	1033.7	19.2	99		W	35	1031		
		Total			61																							

Date	Day	Temps		Rain	Evap	Sun	Max wind gust			Temp	RH	9:00 AM						3:00 PM														
		Min	Max				Dir	Spd	Time			°C	%	g ^h	Dir	Spd	MSLP	°C	%	g ^h	Dir	Spd	MSLP									
		°C	°C	mm	mm	hours	km/h	km/h	local	°C	%	g ^h	Dir	Spd	hPa	°C	%	g ^h	Dir	Spd	hPa	°C	%	g ^h	Dir	Spd	hPa					
1	Mo	5.2	14.3	2.4			WNNW	48	15:49	68	100	48	26	30	30	FALSE	TRUE	FALSE	FALSE	1	7.9	99		NW	22	1013.1	12.5	79		WNNW	24	1012.2
2	Tu	6	15.1	0.6			N	59	23:56	0	0	0	0	0	37	FALSE	FALSE	FALSE	0	7.9	83		NNE	17	1011.9	14.2	47		N	35	1003.9	
3	We	7.9	17.3	4.4			WNNW	65	21:49	68	100	65	35	40	40	FALSE	TRUE	FALSE	1	11.2	81		N	22	1000.7	15.9	54		NNW	24	998	
4	Th	8.3	17.4	1.8			NNW	63	15:23	23	50	32	17	20	39	FALSE	FALSE	FALSE	0	9.8	82		N	20	995.5	16.4	46		NNW	31	991.8	
5	Fr	8.8	13.2	5.6			NW	52	1:19	45	75	39	21	24	32	FALSE	FALSE	TRUE	1	9.2	99		NNW	11	998.5	10.8	94		NW	11	999.1	
6	Sa	7.6	14.7	4.2			NW	22	14:25	45	75	17	9	10	14	FALSE	FALSE	FALSE	0	8.5	100		WNNW	6	1008.2	14.1	70		NW	13	1008.4	
7	Su	5.5	13.1	2.8			WSW	28	14:28	68	100	28	15	17	17	FALSE	FALSE	FALSE	0	7.5	99		SW	6	1019.7	12.1	58		WSW	9	1019.8	
8	Mo	0.5	13.8	0			W	19	15:57	90	100	19	10	12	12	FALSE	FALSE	FALSE	0	6.4	92		N	6	1025.6	13.1	59		WNNW	7	1023.9	
9	Tu	2.5	14.8	0			N	22	11:56	0	0	0	0	0	14	FALSE	FALSE	FALSE	0	7	87		NE	7	1027.8	13.1	51		NE	6	1024.9	
10	We	5.6	12.6	0			NE	48	20:46	45	75	36	19	22	30	FALSE	FALSE	TRUE	1	6.6	75		NE	15	1022.4	11.9	59		NNE	24	1018.4	
11	Th	6.6	15	6.4			NNE	43	1:22	23	50	22	12	13	27	FALSE	FALSE	FALSE	0	8.3	89		N	13	1011.5	14.3	55		NNW	17	1009.3	
12	Fr	8	12.8	0.4			E	19	13:44	90	100	19	10	12	12	FALSE	FALSE	FALSE	0	8.9	90		ENE	9	1009.2	10.6	94		E	7	1007.2	
13	Sa	7.1	12.9	5.6			ENE	20	11:37	68	100	20	11	12	12	FALSE	FALSE	FALSE	0	9.2	99		SE	7	1011.8	11.2	97		S	4	1011	
14	Su	5.3	13.7	2.2			WSW	39	13:44	68	100	39	21	24	24	FALSE	TRUE	FALSE	1	7.9	100		SW	7	1013	12.9	67		WSW	19	1010.5	
15	Mo	4.8	14.5	0.2			WSW	39	14:36	68	100	39	21	24	24	FALSE	TRUE	FALSE	1	8.3	96		WNNW	13	1008.6	14	59		W	24	1007.2	
16	Tu	7.9	14.4	2.4			SSW	33	10:26	23	50	17	9	10	21	FALSE	FALSE	FALSE	0	9.7	99		SW	17	1018	13.6	73		SW	9	1017.3	
17	We	6.6	14.1	0			NNE	46	19:24	23	50	23	12	14	29	FALSE	FALSE	FALSE	0	9.8	87		N	17	1017.6	11.3	88		N	22	1012.1	
18	Th	9.7	15.5	2.2			WNNW	50	10:38	68	100	50	27	31	31	FALSE	TRUE	FALSE	1	12.9	85		NW	22	1006.9	13.9	74		W	20	1006.9	
19	Fr	3.5	13.5	6.8			WNNW	44	13:24	68	100	44	24	27	27	FALSE	TRUE	FALSE	1	7.9	87		NW	9	1017	11.2	85		NW	26	1015.2	
20	Sa	7.8	12.7	11.8			W	35	0:06	90	100	35	19	22	22	TRUE	FALSE	FALSE	1	9.9	96		S	11	1023.4	12.1	63		SSW	9	1024.5	
21	Su	3.5	14	0			WNNW	30	14:34	68	100	30	16	19	19	FALSE	TRUE	FALSE	1	7.8	86		N	6	1025.6	13.4	58		NW	19	1021.7	
22	Mo	7.7	12.1	0			WNNW	59	11:22	68	100	59	32	37	37	FALSE	TRUE	FALSE	1	10.1	86		NNW	17	1010.9	10.4	92		WNNW	7	1008.5	
23	Tu	1.8	11.9	8.8			SW	52	15:10	45	75	39	21	24	32	FALSE	FALSE	TRUE	1	5.9	83		WSW	13	1021.8	11.2	69		SW	17	1022.7	
24	We	5.9	12.5	1.2			WSW	41	15:09	68	100	41	22	25	25	FALSE	TRUE	FALSE	1	8.8	99		W	13	1027	12	76		WSW	15	1025.3	
25	Th	8.4	13.2	0.4			SW	20	6:56	45	75	15	8	9	12	FALSE	FALSE	FALSE	0	9.7	95		SSW	11	1026.6	13	69		S	6	1027.8	
26	Fr	4.8	13.7	0			E	13	1:17	90	100	13	7	8	8	FALSE	FALSE	FALSE	0	9.3	96		E	7	1030	13	72		WSW	6	1027.4	
27	Sa	6.3	16	0			ENE	20	12:28	68	100	20	11	12	12	FALSE	FALSE	FALSE	0	9.4	93		NE	9	1026.2	14.9	71		NE	9	1022	
28	Su	7.6	20.2	0.2			N	37	14:06	0	0	0	0	0	23	FALSE	FALSE	FALSE	0	12.5	69		NE	15	1020.2	19.1	39		N	24	1015.7	
29	Mo	10.4	19.7	0			WNNW	54	18:08	68	100	54	29	34	34	FALSE	TRUE	FALSE	1	13.2	71		NNE	13	1011.5	13.4	85		ESE	9	1009	
30	Tu	6.3	11.4	15			SW	44	13:00	45	75	33	18	21	27	FALSE	FALSE	TRUE	1	9.8	99		WSW	22	1019	10.8	71		SW	19	1021.1	
31	We	4.2	12.5	0			WNNW	22	12:00	68	100	22	12	14	14	FALSE	FALSE	FALSE	0	9.1	82		NNW	7	1025.9	11.8	65		NNW	9	1022.9	
Statistics for August 2022		Mean	6.2	14.3												15	9	89		12	1016.4	13	69			15	1014.3					
		Lowest	0.5	11.4	0											5.9	69		#	6	995.5	10.4	39		S	4	991.8					
		Highest	10.4	20.2	15			WNNW	65							13.2	100		#	22	1030	19.1	97		N	35	1027.8					
		Total			85.4																											

Edenhope, Victoria
February 2022 to February 2023 Daily Weather Observations

Date	Day	Temps		Rain	Evap	Sun	Max wind gust			Crosswind				Wind Speed	Danger Zone	9:00 AM					3:00 PM											
		Min	Max				Dir	Spd	Time	% Wind Speed	Crosswind Speed	Crosswind Speed	Crosswind Speed			Temp	RH	Cld	Dir	Spd	MSLP	Temp	RH	Cld	Dir	Spd	MSLP					
		°C	°C	mm	mm	hours	km/h	km/h	local	30° & 60°	45° & 75°	60° & 90°	90° & 180°	90° & 180°	°C	%	g ^h	km/h	hPa	°C	%	g ^h	km/h	hPa								
1	Fr	5.3	10.7	0			SSE	28	9:55	23	50	14	8	9	17	FALSE	FALSE	FALSE	FALSE	0	8.8	70	SSE	15	1032.9	10.4	63	SSE	15	1031.5		
2	Sa	5.6	11.6	0			S	24	12:49	0	0	0	0	15	FALSE	FALSE	FALSE	FALSE	0	7.4	79	SSE	7	1032.4	10.2	64	SSE	15	1030.1			
3	Su	5	12.4	0			SSE	43	11:05	23	50	22	12	13	27	FALSE	FALSE	FALSE	FALSE	0	7.9	93	SSE	13	1029.8	11.6	63	SSE	22	1027.1		
4	Mo	4.7	15	0			SE	43	12:44	45	75	32	17	20	27	FALSE	FALSE	TRUE	FALSE	1	8.5	92	SSE	7	1029.4	13.6	65	SSE	20	1027		
5	Tu	5.8	14.8	0.2			SE	30	14:23	45	75	23	12	14	19	FALSE	FALSE	FALSE	FALSE	0	7.5	100	SSE	4	1027.9	13.3	60	SSE	19	1024.5		
6	We	2.5	12.8	0			W	26	13:25	90	100	26	14	16	16	TRUE	FALSE	FALSE	FALSE	1	5.9	99	NE	4	1022.8	12.4	64	W	11	1019.5		
7	Th	4.4	13.3	0.2			SSW	35	14:58	23	50	18	9	11	22	FALSE	FALSE	FALSE	FALSE	0	5.7	100	WSW	4	1021.7	11.2	74	SSW	19	1020.6		
8	Fr	5.4	13.3	0.4			SSW	35	11:43	23	50	18	9	11	22	FALSE	FALSE	FALSE	FALSE	0	7.1	99	WSW	6	1022.3	10.7	83	SW	11	1020.2		
9	Sa	5	12.2	1.2			SE	22	11:46	45	75	17	9	10	14	FALSE	FALSE	FALSE	FALSE	0	6.3	100	SSW	6	1025	11.7	68	SW	9	1024.9		
10	Su	1.2	14.1	0			N	30	12:13	0	0	0	0	0	19	FALSE	FALSE	FALSE	FALSE	0	4.5	100	NNE	4	1027.4	13.6	60	NNE	17	1023.1		
11	Mo	4.6	13.3	0			N	35	10:41	0	0	0	0	0	22	FALSE	FALSE	FALSE	FALSE	0	8	70	N	13	1021	12.1	59	NNW	11	1018.5		
12	Tu	5.1	12	2.2			WSW	24	17:34	68	100	24	13	15	15	FALSE	FALSE	FALSE	FALSE	0	5.5	100	NNW	2	1019.4	9.6	67	W	7	1016.6		
13	We	-0.3	12.7	3.4			SW	30	12:36	45	75	23	12	14	19	FALSE	FALSE	FALSE	FALSE	0	1.7	100	WNW	4	1024.3	11.3	65	SSW	7	1023.7		
14	Th	1.7	12.2	0.2			NW	20	17:25	45	75	15	8	9	12	FALSE	FALSE	FALSE	FALSE	0	7.4	100	Calm	1029.1	11.9	76	WNW	6	1028			
15	Fr	6.9	11.6	0.2			N	31	14:26	0	0	0	0	0	19	FALSE	FALSE	FALSE	FALSE	0	8	87	NNW	7	1027.9	11.2	68	NNW	15	1022.6		
16	Sa	6.2	12.3	0.8			N	46	11:44	0	0	0	0	0	29	FALSE	FALSE	FALSE	FALSE	0	6.6	80	NNE	22	1014.2	10.8	65	NNW	20	1008.3		
17	Su	6.5	12.8	2.6			W	52	12:16	90	100	52	28	32	32	TRUE	FALSE	FALSE	FALSE	1	10.6	96	WNW	20	1009.3	10.1	81	W	20	1010.5		
18	Mo	4	11.9	3.4			SSE	30	15:55	23	50	15	8	9	19	FALSE	FALSE	FALSE	FALSE	0	6.2	99	WSW	6	1022.2	10.2	62	SSE	11	1023.7		
19	Tu	1.9	10.2	0			E	19	11:18	90	100	19	10	12	12	FALSE	FALSE	FALSE	FALSE	0	4.7	94	ESE	4	1031.3	9.2	61	E	6	1029.8		
20	We	1.3	13.4	0			E	24	14:25	90	100	24	13	15	15	FALSE	FALSE	FALSE	FALSE	0	4.5	77	E	6	1032.6	13	51	E	15	1029.2		
21	Th	2.8	15.2	0			NE	33	11:36	45	75	25	13	15	21	FALSE	FALSE	FALSE	FALSE	0	8	61	ENE	13	1030.7	14.9	53	ENE	13	1026		
22	Fr	7.1	13.4	0			NNE	39	10:26	23	50	20	11	12	24	FALSE	FALSE	FALSE	FALSE	0	8.6	83	NE	19	1024.8	13	71	NNE	17	1020.2		
23	Sa	8.6	14.2	5.8			NE	28	0:03	45	75	21	11	13	17	FALSE	FALSE	FALSE	FALSE	0	10.3	99	NE	17	1019.2	13.2	88	N	11	1016.9		
24	Su	8.8	15.6	0.6			NE	33	22:37	45	75	25	13	15	21	FALSE	FALSE	FALSE	FALSE	0	9.1	100	ENE	15	1018.1	15.5	79	NE	13	1014		
25	Mo	6.9	15.5	4			W	46	15:47	90	100	46	25	29	29	TRUE	FALSE	FALSE	FALSE	1	11.3	100	NNE	19	1009.9	13	59	WNW	19	1004.8		
26	Tu	4.7	13.2	2.8			SW	50	14:17	45	75	38	20	23	31	FALSE	FALSE	TRUE	FALSE	1	7.1	86	W	9	1019.8	12.2	63	WSW	26	1021		
27	We	6.5	12.7	0.4			WSW	41	16:04	68	100	41	22	25	25	FALSE	TRUE	FALSE	FALSE	1	9.2	100	NNW	7	1023.3	11.8	98	W	20	1021.6		
28	Th	5.9	13	4.8			S	19	18:10	0	0	0	0	0	12	FALSE	FALSE	FALSE	FALSE	0	7.2	100	Calm	1026.6	12.2	60	SW	11	1025.1			
29	Fr	-0.3	12	0			NE	15	23:55	45	75	11	6	7	9	FALSE	FALSE	FALSE	FALSE	0	3.8	100	Calm	1030.2	11.9	56	E	7	1027.2			
30	Sa	3.8	13.1	0.2			N	43	12:56	0	0	0	0	0	27	FALSE	FALSE	FALSE	FALSE	0	6.6	71	NNE	22	1022.9	12.5	59	N	20	1017.6		
31	Su	6.6	13	0			W	57	15:57	68	100	57	31	35	35	FALSE	TRUE	FALSE	FALSE	1	9.9	64	N	19	1009	12.4	68	NNW	22	1006.8		
Statistics for July 2022																																
Mean		4.7	13																	7	7.2	90		9	1023.8	11.9	68			14	1021.5	
Lowest		-0.3	10.2	0																	1.7	61		Calm	1009	9.2	51		#	6	1006.8	
Highest		9.1	15.6	5.8																	11.3	100		NNE	22	1032.9	15.5	99		WSW	26	1031.5
Total																																

Date	Day	Temps		Rain	Evap	Sun	Max wind gust			Crosswind				Wind Speed	Danger Zone	9:00 AM					3:00 PM									
		Min	Max				Dir	Spd	Time	% Wind Speed	Crosswind Speed	Crosswind Speed	Crosswind Speed			Temp	RH	Cld	Dir	Spd	MSLP	Temp	RH	Cld	Dir	Spd	MSLP			
		°C	°C	mm	mm	hours	km/h	km/h	local	30° & 60°	45° & 75°	60° & 90°	90° & 180°	90° & 180°	°C	%	g ^h	km/h	hPa	°C	%	g ^h	km/h	hPa						
1	We	3	12	2.6			SW	35	13:57	45	75	26	14	16	22	FALSE	FALSE	FALSE	FALSE	0	5.8	89	WSW	7	1016.5	11.4	64	SSW	11	1017.9
2	Th	1.9	11.3	0.2			N	24	12:47	0	0	0	0	0	15	FALSE	FALSE	FALSE	FALSE	0	6.9	97	NNE	2	1020.9	10.9	61	N	13	1017.6
3	Fr	6.8	13.8	0			NE	33	13:18	0	0	0	0	0	21	FALSE	FALSE	FALSE	FALSE	0	8.8	76	N	17	1011.7	12.7	72	NNW	15	1007.7
4	Sa	7.8	12.5	1.8			NNW	57	23:10	23	50	20	15	18	35	FALSE	FALSE	FALSE	FALSE	0	9.4	100	NW	11	1008.2	12.1	88	NW	15	1004.8
5	Su	7.5	10.7	18.6			NW	63	0:54	45	75	47	26	29	39	FALSE	FALSE	TRUE	FALSE	1	8.2	87	NNW	20	998.9	9.1	92	NNW	15	996.3
6	Mo	4.5	11.2	6			W	41	14:34	90	100	41	22	25	25	TRUE	FALSE	FALSE	FALSE	1	6.7	85	W	15	1008.9	10.1	74	W	20	1009.2
7	Tu	4.7	11.7	4.8			SSW	41	14:07	23	50	21	11	13	25	FALSE	FALSE	FALSE	FALSE	0	6.3	100	WSW	6	1015.3	11.4	56	SW	22	1016.6
8	We	3.9	11.9	0.2			WSW	26	13:00	68	100	26	14	16	16	FALSE	FALSE	FALSE	FALSE	0	6.4	100	WSW	6	1023	11.1	77	SW	17	1021.2
9	Th	6.3	12.8	0.8			WSW	37	13:33	68	100	37	20	23	23	FALSE	TRUE	FALSE	FALSE	1	8.5	100	W	11	1021.5	11.1	92	SW	15	1020.2
10	Fr	8.5	13.1	0.6			SSW	37	14:23	23	50	19	10	11	23	FALSE	FALSE	FALSE	FALSE	0	9.8	100	WSW	17	1022.7	12	90	SW	19	1021.7
11	Sa	5.6	12.9	1.6			WSW	41	15:23	68	100	41	22	25	25	FALSE	TRUE	FALSE	FALSE	1	8.4	87	W	9	1024.9	11.7	68	WSW	22	1022.3
12	Su	7.3	13.1	0.2			SW	33	0:16	45	75	25	13	15	21	FALSE	FALSE	FALSE	FALSE	0	8.3	96	WSW	6	1023.4	10.6	90	SSW	15	1021.7
13	Mo	5.9	13.6	0.4			NE	17	23:53	45	75	13	7	8	11	FALSE	FALSE	FALSE	FALSE	0	7.3	100	Calm	1025.1	9.9	59	NW	2	1022.7	
14	Tu	6.8	14.2	0.2			NNE	46	16:00	23	50	23	12	14	29	FALSE	FALSE	FALSE	FALSE	0	7.1	88	NNE	20	1018.4	12.8	63	NNE	24	1013.5
15	We	7.1	14.8	1.2			NW	39	12:46	45	75	29	16	18	24	FALSE	FALSE	TRUE	FALSE	1	10.7	95	NNW	19	1010.8	12.3	96	W	22	1010.7
16	Th	10.3	14	7.4			SW	30	15:16	45	75	23	12	14	19	FALSE	FALSE	FALSE	FALSE	0	11.1	100	SW	9	1020.1	13.7	7			

Edenhope, Victoria
February 2022 to February 2023 Daily Weather Observations

Date	Day	Temps		Rain	Evap	Sun	Max wind gust			Crosswind Angle for Runway 18/36	% Wind Speed 30° = 60%, 40° = 70%, 50° = 80%	Crosswind Speed	Crosswind Speed	Crosswind Speed	Wind Speed	Danger Zone	9:00 AM					3:00 PM								
		Min	Max				Dir	Spd	Time								Temp	RH	Cld	Dir	Spd	MSLP	Temp	RH	Cld	Dir	Spd	MSLP		
		°C	°C	mm	mm	hours	km/h	km/h	local			km/h	Knots	mph			°C	%	g ^h	Dir	Spd	hPa	°C	%	g ^h	Dir	Spd	km/h	hPa	
Statistics for June 2022																														
Mean		6	13													8	8.1	94			10	1020.1	12	76			15	1018.4		
Lowest		0.9	10.6	0													4.7	76			Calm	998.9	9.1	56			NW	2	998.3	
Highest		10.3	17	18.6													11.1	100			NNE	22	1035.2	16.3	100			NNE	24	1033.3
Total				68.4																										

Date	Day	Temps		Rain	Evap	Sun	Max wind gust			Temp	RH	9:00 AM					3:00 PM														
		Min	Max				Dir	Spd	Time			°C	%	g ^h	Dir	Spd	MSLP	°C	%	g ^h	Dir	Spd	MSLP								
		°C	°C	mm	mm	hours	km/h	km/h	local			km/h	Knots	mph			°C	%	g ^h	Dir	Spd	hPa	°C	%	g ^h	Dir	Spd	km/h	hPa		
1	Su	9.7	18.7	0			WNV	33	15:34	68	100	33	18	21	21	FALSE	TRUE	FALSE	FALSE	1	12.9	100		NW	13	1023.2	17.5	79	WNW	19	1020.8
2	Mo	12.7	18.4	0.8			NW	26	12:12	45	75	20	11	12	16	FALSE	FALSE	FALSE	FALSE	0	13.7	100		NW	11	1022.3	18.1	66	NW	13	1019.5
3	Tu	10	21.9	0.2			NNW	41	14:09	23	50	21	11	13	25	FALSE	FALSE	FALSE	FALSE	0	13.2	72		N	17	1016	20.8	43	NW	24	1011.2
4	We	10	14.8	2.8			SW	41	13:35	45	75	31	17	19	25	FALSE	FALSE	TRUE	FALSE	1	10.9	99		W	7	1015.9	13.4	66	W	9	1015.5
5	Th	1.3	12.1	1			WSW	43	12:36	68	100	43	23	27	27	FALSE	TRUE	FALSE	FALSE	1	8.1	100		W	6	1019.8	10.4	70	W	19	1017.4
6	Fr	2.2	14.3	1			WSW	26	16:09	68	100	26	14	16	16	FALSE	FALSE	FALSE	FALSE	0	4.6	100		NW	4	1018.8	13.9	53	WSW	9	1017.7
7	Sa	4.3	14.9	1.2			W	39	13:37	90	100	39	21	24	24	TRUE	FALSE	FALSE	FALSE	1	9.5	90		WNV	13	1021.6	13.8	87	SW	17	1021.1
8	Su	9.4	16.3	1.8			W	20	12:58	90	100	20	11	12	12	FALSE	FALSE	FALSE	FALSE	0	11	88		W	6	1028.2	14.4	64	W	9	1028.4
9	Mo	10.5	16.9	0			NNE	15	10:43	23	50	8	4	5	9	FALSE	FALSE	FALSE	FALSE	0	12.5	72		NE	6	1029.1	16.4	43	W	6	1027.8
10	Tu	3.1	18.3	0			NE	20	13:00	45	75	15	8	9	12	FALSE	FALSE	FALSE	FALSE	0	9.4	76		E	9	1030.5	17.6	48	NNE	9	1028.2
11	We	8.3	17.6	0			ENE	28	10:36	68	100	28	15	17	17	FALSE	FALSE	FALSE	FALSE	0	13.2	80		E	9	1025.2	16.7	70	NE	9	1021.8
12	Th	12.8	17.4	4.6			E	19	2:02	90	100	19	10	12	12	FALSE	FALSE	FALSE	FALSE	0	14.4	100		E	7	1018.9	17.1	75	ESE	7	1015.7
13	Fr	12.7	19.3	0			NNE	31	23:35	23	50	16	8	10	19	FALSE	FALSE	FALSE	FALSE	0	14.2	88		E	4	1016.1	18.9	71	NNW	11	1012.7
14	Sa	14	19.9	1.2			NW	43	12:55	45	75	32	17	20	27	FALSE	FALSE	TRUE	FALSE	1	14.4	88		N	22	1008.1	18.6	61	WNV	22	1009.1
15	Su	11.8	18.3	1.6			NW	54	15:27	45	75	41	22	25	34	FALSE	FALSE	TRUE	FALSE	1	13.5	99		NNW	15	1011.2	16.9	71	NW	25	1008.2
16	Mo	9.7	15.7	2.4			W	50	15:12	90	100	50	27	31	31	TRUE	FALSE	FALSE	FALSE	1	10.8	100		NW	11	1014.7	14.4	57	W	22	1014.5
17	Tu	6.7	14.4	0.8			W	43	13:13	90	100	43	23	27	27	TRUE	FALSE	FALSE	FALSE	1	8.4	100		NNW	9	1020.4	12.8	74	W	26	1018.7
18	We	6	14	0.4			SW	41	12:56	45	75	31	17	19	25	FALSE	FALSE	TRUE	FALSE	1	9.1	95		WNV	7	1023.4	12.2	75	WSW	13	1023.9
19	Th	2.6	15.4	1.4			SSE	20	13:24	23	50	10	5	6	12	FALSE	FALSE	FALSE	FALSE	0	7	100		Calm	1031.2	14.1	61	SSE	7	1030.5	
20	Fr	3	15.3	0			SE	22	9:57	45	75	17	9	10	14	FALSE	FALSE	FALSE	FALSE	0	9.5	84		SE	9	1034.6	14.9	55	SE	11	1031.5
21	Sa	4.3	17.7	0			E	22	12:40	90	100	22	12	14	14	FALSE	FALSE	FALSE	FALSE	0	7.6	83		ESE	9	1033.3	17.5	52	E	13	1029
22	Su	7.1	19.1	0			SSE	19	16:50	23	50	10	5	6	12	FALSE	FALSE	FALSE	FALSE	0	10.2	84		ESE	7	1029.9	18.5	47	NE	4	1026.6
23	Mo	6	19.1	0			NE	22	15:02	45	75	17	9	10	14	FALSE	FALSE	FALSE	FALSE	0	9.8	74		ENE	9	1028.4	18.9	48	NE	11	1025.3
24	Tu	8.2	19.7	0			NE	37	11:21	45	75	28	15	17	23	FALSE	FALSE	FALSE	FALSE	0	10.9	80		NE	13	1025.4	19.1	46	NE	19	1021.4
25	We	10.6	18.1	0			NNE	35	14:11	23	50	18	9	11	22	FALSE	FALSE	FALSE	FALSE	0	11.5	80		NE	15	1017.8	17	58	NE	19	1013.6
26	Th	11.5	16.9	19.8			W	28	13:24	90	100	28	15	17	17	TRUE	FALSE	FALSE	FALSE	1	12.6	100		WNV	11	1016.2	15	81	WSW	17	1016.2
27	Fr	8.6	16.4	0.2			WNW	26	15:36	68	100	26	14	16	16	FALSE	FALSE	FALSE	FALSE	0	11.8	100		Calm	1019.8	14.4	71	WNW	13	1016.7	
28	Sa	6.1	14.9	0.2			SW	26	23:30	45	75	20	11	12	16	FALSE	FALSE	FALSE	FALSE	0	8.7	100		NNW	7	1015.8	13.8	75	NNW	13	1011.6
29	Su	4.9	13.1	0.8			NE	30	23:33	45	75	23	12	14	19	FALSE	FALSE	FALSE	FALSE	0	8	100		NNW	6	1010.6	12	78	NNE	11	1004.4
30	Mo	7.9	10.7	5			E	41	7:44	90	100	41	22	25	25	TRUE	FALSE	FALSE	FALSE	1	8.8	96		E	20	987.6	10.4	86	SSE	11	990.3
31	Tu	5.9	10.5	4.4			WSW	57	11:47	68	100	57	31	35	35	FALSE	TRUE	FALSE	FALSE	1	6.5	88		W	22	1000.3	7.5	84	SSW	17	1003.1
Statistics for May 2022																															
Mean		7.8	16.5													12	10.5	90			9	1019.8	15.4	65			14	1017.7			
Lowest		1.3	10.5	0													4.6	72			Calm	987.6	7.5	43			NE	4	990.3		
Highest		14	21.9	19.8													14.4	100			#	22	1034.6	20.8	87			#	26	1031.5	
Total				51.6																											

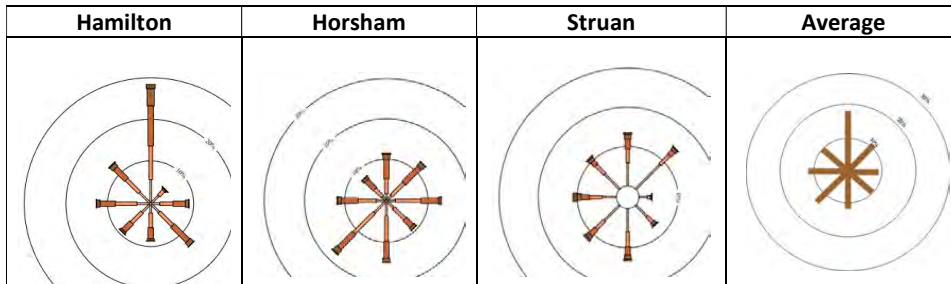
Edenhope, Victoria
February 2022 to February 2023 Daily Weather Observations

Date	Day	Temps		Rain	Evap	Sun	Max wind gust			Crosswind Angle for Runway 18/36	% Wind Speed	Crosswind Speed	Crosswind Speed	Crosswind Speed	Wind Speed	Danger Zone	9:00 AM					3:00 PM					
		Min	Max				Dir	Spd	Time								Temp	RH	Cld	Dir	Spd	MSLP	Temp	RH	Cld	Dir	Spd
		°C	°C	mm	mm	hours	km/h	km/h	local	90° & 180°	45° & 135°	60° & 120°	45° & 225°	22.5° & 202.5°		°C	%	g ^h	km/h	hPa	°C	%	g ^h	km/h	hPa		
Statistics for March 2022		Mean	12.3	24.9												6	15.1	84		10	1017.8	23.2	49		14	1015.7	
		Lowest	5.9	19.1	0											9.1	56		Calm	1010.1	17.5	20		ENE	4	1008.8	
		Highest	20	32	31.2											22.9	100		SSE	24	1026.7	30.9	78		SSE	31	1024.8
		Total			62.6																						

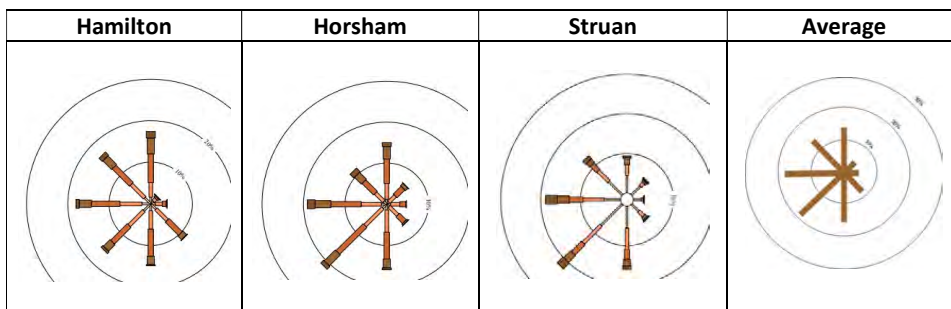
Date	Day	Temps		Rain	Evap	Sun	Max wind gust			Temp	RH	9:00 AM					3:00 PM															
		Min	Max				Dir	Spd	Time			°C	%	g ^h	Dir	Spd	MSLP	Temp	RH	g ^h	Dir	Spd	MSLP									
		°C	°C	mm	mm	hours	km/h	km/h	local	°C	%	g ^h	Dir	Spd	hPa	°C	%	g ^h	Dir	Spd	hPa											
1	Tu	15.5	23.3	0			S	52	14:17	0	0	0	0	32	FALSE	FALSE	FALSE	FALSE	0	17.6	67		SSW	20	1006.3	21.1	41		S	28	1007.2	
2	We	8.8	22	0			SW	52	11:38	45	75	39	21	24	32	FALSE	FALSE	TRUE	FALSE	1	14.1	55		S	17	1015.2	20.8	33		SSW	19	1013.7
3	Th	10.5	21.4	0			SSE	46	16:47	23	50	23	12	14	29	FALSE	FALSE	FALSE	FALSE	0	15.2	59		S	19	1018.8	20	45		S	22	1018.1
4	Fr	8.4	25.9	0			SE	41	17:47	45	75	31	17	19	25	FALSE	FALSE	TRUE	FALSE	1	14.8	73		SSE	19	1022.6	24.6	33		ESE	15	1016.5
5	Sa	12.5	29.2	0			SE	30	20:31	45	75	23	12	14	19	FALSE	FALSE	FALSE	FALSE	0	16.3	70		ESE	13	1020.6	26.6	29		WNNW	6	1017.1
6	Su	16.2	30.4	0			NE	33	11:16	45	75	25	13	15	21	FALSE	FALSE	FALSE	FALSE	0	21.1	49		ENE	13	1021.2	28.7	23		ENE	19	1016.5
7	Mo	16.9	31	0			ENE	35	16:18	68	100	35	19	22	22	FALSE	TRUE	FALSE	FALSE	1	21.3	43		NE	17	1021.2	29.5	21		ENE	20	1016.5
8	Tu	16.6	32.8	0			SW	54	19:53	45	75	41	22	25	34	FALSE	FALSE	TRUE	FALSE	1	22.1	37		NE	15	1012.8	31.7	18		N	30	1007
9	We	16.7	26	0			WSW	37	14:08	68	100	37	20	23	23	FALSE	TRUE	FALSE	FALSE	1	17.7	79		W	15	1010.4	24.4	45		W	22	1010
10	Th	11	24.8	0			SW	39	15:34	45	75	29	16	18	24	FALSE	FALSE	TRUE	FALSE	1	15.5	77		SSW	9	1016.6	23.3	37		SSW	15	1016.6
11	Fr	9.3	25.1	0			S	46	15:51	0	0	0	0	0	29	FALSE	FALSE	FALSE	FALSE	0	14.9	80		ESE	13	1023	23.2	40		SSE	19	1020.2
12	Sa	11.5	30.9	0			E	30	13:15	90	100	30	16	19	19	TRUE	FALSE	FALSE	FALSE	1	15.7	69		ESE	13	1019.3	29.1	23		ENE	9	1014.2
13	Su	15.7	33	0			NNW	37	10:00	23	50	19	10	11	23	FALSE	FALSE	FALSE	FALSE	0	24.4	41		N	20	1013.4	31.8	14		W	19	1012.9
14	Mo	13.5	33.3	0			S	37	16:35	0	0	0	0	0	23	FALSE	FALSE	FALSE	FALSE	0	17.6	79		SSE	11	1020.6	30.7	25		NNW	6	1018.8
15	Tu	13.4	32.7	0			SSE	33	19:29	23	50	17	9	10	21	FALSE	FALSE	FALSE	FALSE	0	17.3	77		SSE	19	1023	30.1	30		S	7	1019.3
16	We	14.6	27.2	0			W	30	16:56	90	100	30	16	19	19	TRUE	FALSE	FALSE	FALSE	1	17.3	72		ENE	7	1015.5	24.5	38		WSW	19	1013.3
17	Th	13.8	24.6	0			WSW	43	15:36	68	100	43	23	27	27	FALSE	TRUE	FALSE	FALSE	1	16.1	77		W	11	1014.5	22.8	44		WSW	20	1015.5
18	Fr	13.6	23.6	0			SSW	39	15:22	23	50	20	11	12	24	FALSE	FALSE	FALSE	FALSE	0	14.9	82		WSW	11	1017.7	22	41		SSW	17	1018.5
19	Sa	5.5	27.5	0			SSW	31	19:53	23	50	16	8	10	19	FALSE	FALSE	FALSE	FALSE	0	13.6	74		SE	9	1021.3	24.6	28		S	7	1016.6
20	Su	7.5	22.3	0			WSW	48	18:07	68	100	48	26	30	30	FALSE	TRUE	FALSE	FALSE	1	12	95		SW	6	1010.7	19.7	49		WSW	20	1007.3
21	Mo	5.3	21.1	1			SSW	37	11:57	23	50	19	10	11	23	FALSE	FALSE	FALSE	FALSE	0	10.7	95		SW	4	1015	19.1	40		S	19	1013.6
22	Tu	7.7	26.6	0			SE	24	21:46	45	75	18	10	11	15	FALSE	FALSE	FALSE	FALSE	0	13.4	70		SE	9	1017.6	23.6	27		ESE	9	1014.6
23	We	9.1	34.3	0			S	43	18:58	0	0	0	0	0	27	FALSE	FALSE	FALSE	FALSE	0	17.3	60		ENE	9	1016.4	31.6	18		NNW	6	1013.8
24	Th	14.9	31	0			SSE	37	16:56	23	50	19	10	11	23	FALSE	FALSE	FALSE	FALSE	0	17.9	75		SSE	13	1016.6	29.6	32		SSE	17	1015.9
25	Fr	14.4	27	0			SSE	50	13:23	23	50	25	13	16	31	FALSE	FALSE	FALSE	FALSE	0	16.3	69		SE	24	1019.8	25.4	35		SSE	20	1016.6
26	Sa	13.4	31.7	0			ESE	39	20:33	68	100	39	21	24	24	FALSE	TRUE	FALSE	FALSE	1	18.3	80		SE	13	1016.7	28.9	39		SE	7	1012.9
27	Su	16.9	22.6	0			E	31	17:57	90	100	31	17	19	19	TRUE	FALSE	FALSE	FALSE	1	18.4	77		ESE	9	1013.9	18.4	97		SSE	15	1012
28	Mo	15.3	27.7	8.8			SSE	37	17:49	23	50	19	10	11	23	FALSE	FALSE	FALSE	FALSE	0	17.5	94		SSE	15	1013	26.8	47		SE	15	1010.6
Statistics for February 2022		Mean	12.4	27.5												12	16.8	70		13	1017	25.4	35		15	1014.6						
		Lowest	5.3	21.1	0												10.7	37		SW	4	1006.3	18.4	14		#	6	1007				
		Highest	16.9	34.3	8.8												24.4	95		SE	24	1023	31.8	97		N	30	1020.2				
		Total			9.8																											

Summary of Wind Roses

9:00am



3:00am



Struan 9:00am

Rose of Wind direction versus Wind speed in km/h (01 Apr 1974 to 30 Sep 1999)

Custom times selected, refer to attached note for details

STRUAN

Site No: 026082 • Opened Apr 1974 • Still Open • Latitude: -37.0951° • Longitude: 140.7911° • Elevation 65m

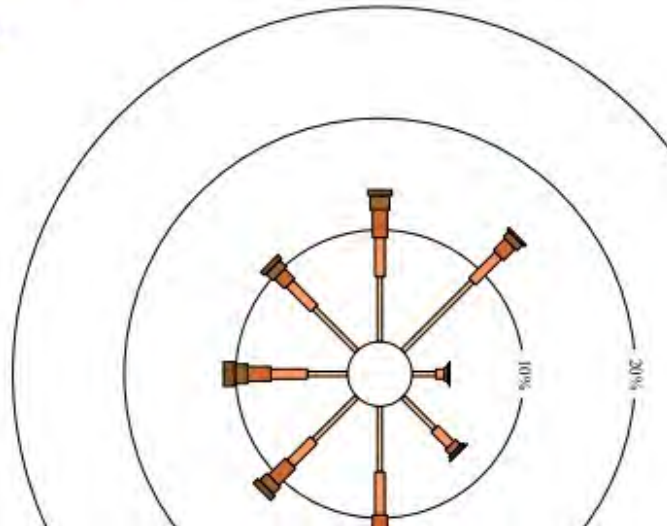
An asterisk (*) indicates that calm is less than 0.5%.

Other important info about this analysis is available in the accompanying notes.



9 am
6286 Total Observations

Calm 14%



Struan 3:00pm

Rose of Wind direction versus Wind speed in km/h (01 Apr 1974 to 30 Sep 1999)

Custom times selected, refer to attached note for details

STRUAN

Site No: 026062 • Opened Apr 1974 • Still Open • Latitude: -37.0951° • Longitude: 140.7911° • Elevation 85m

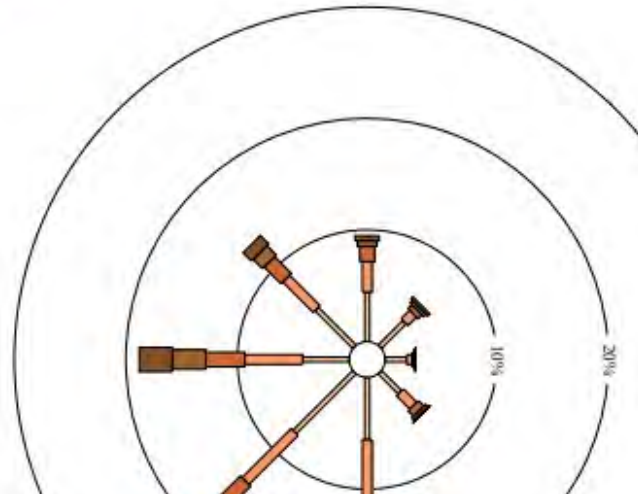
An asterisk (*) indicates that calm is less than 0.5%.

Other important info about this analysis is available in the accompanying notes.



3 pm
6144 Total Observations

Calm 8%



Hamilton 9:00am

Rose of Wind direction versus Wind speed in km/h (01 Jul 1983 to 10 Aug 2022)

Custom times selected, refer to attached note for details

HAMILTON AIRPORT

Site No: 090173 • Opened Jul 1983 • Still Open • Latitude: -37.6486° • Longitude: 142.0636° • Elevation 241 m

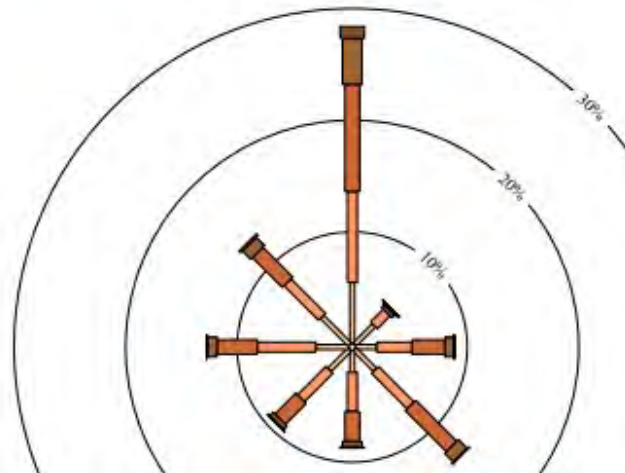
An asterisk (*) indicates that calm is less than 0.5%.

Other important info about this analysis is available in the accompanying notes.



9 am
13981 Total Observations

Calm 1%



Hamilton 3:00pm

Rose of Wind direction versus Wind speed in km/h (01 Jul 1983 to 10 Aug 2022)

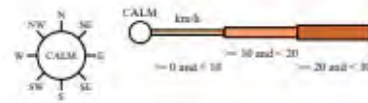
Custom times selected, refer to attached note for details

HAMILTON AIRPORT

Site No: 090173 • Opened Jul 1983 • Still Open • Latitude: -37.8488° • Longitude: 142.0836° • Elevation 241.m

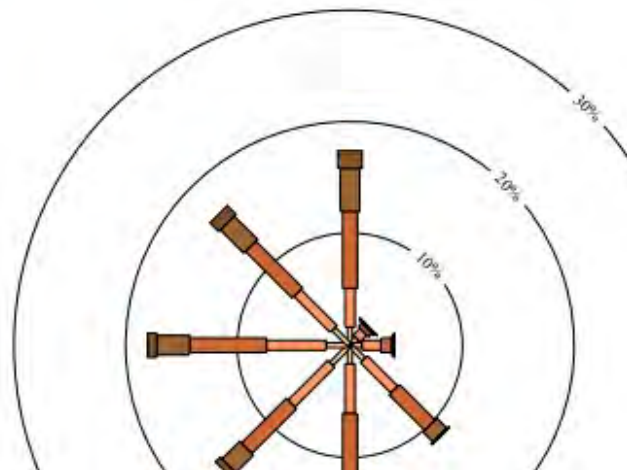
An asterisk (*) indicates that calm is less than 0.5%.

Other important info about this analysis is available in the accompanying notes.



3 pm
13992 Total Observations

Calm *



Horsham 9:00am

Rose of Wind direction versus Wind speed in km/h (16 Oct 1997 to 10 Aug 2022)

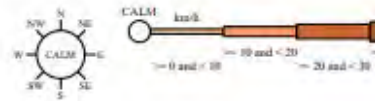
Custom times selected, refer to attached note for details

HORSHAM AERODROME

Site No: 079100 • Opened Oct 1990 • Still Open • Latitude: -36.6669° • Longitude: 142.1733° • Elevation 133.m

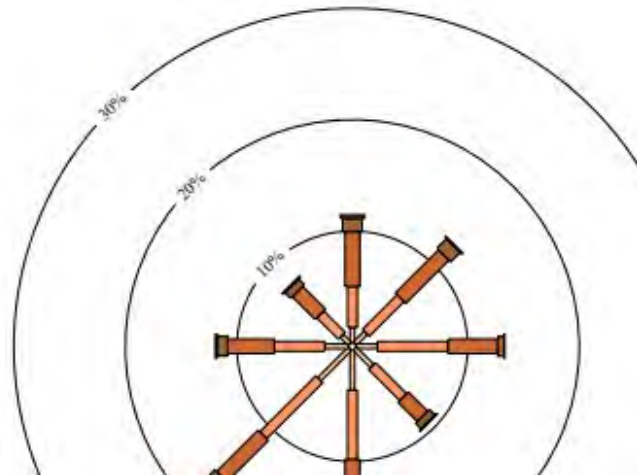
An asterisk (*) indicates that calm is less than 0.5%.

Other important info about this analysis is available in the accompanying notes.



9 am
8988 Total Observations

Calm 2%



Horsham 3:00pm

Rose of Wind direction versus Wind speed in km/h (16 Oct 1997 to 10 Aug 2022)

Custom times selected, refer to attached note for details

HORSHAM AERODROME

Site No: 079100 • Opened Oct 1990 • Still Open • Latitude: -36.8899° • Longitude: 142.1733° • Elevation 133 m

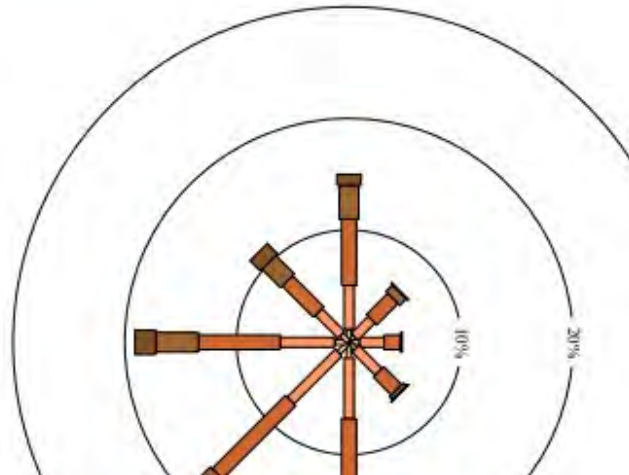
An asterisk (*) indicates that calm is less than 0.5%.

Other important info about this analysis is available in the accompanying notes.



3 pm
8994 Total Observations

Calm *



Appendix G

Summary of Inspections for Edenhope Aerodrome

West Wimmera Shire Council
EDENHOPE AERODROME - LICENCE NO. ALA
Reporting Officers Inspection Log

Date: 11-11-2015
Doc No: 15/001894
File No: P30170
E Doc: 009217
Action: WORKS MGR
Day Box No:



Rwy 18/36

	Att	Pass		Att	Pass
RUNWAY			FENCING		
Debris		✓	Security, Indications of Unauthorised Entry		✓
Markings & Markers		✓	Signage (Unauthorised Entry Displayed)		✓
Lights		✓	Gates Locked		✓
Shoulder Construction		✓	Emergency Gate Unobstructed		✓
RUNWAY STRIP			WIND INDICATOR		
Undue Roughness		✓	Condition, Swinging Freely		✓
Obstructions		✓	Lighting		✓
Grass Height		✓	Spare Windsock, available		✓
Gable Makers		✓	Area		✓
Ground Cracking		✓			
TAXIWAY/TAXIWAY STRIP			SIGNALS		
Debris		✓	Markers		✓
Pavement Condition		✓	Area		✓
Shoulder Erosion		✓			
Grass Height		✓	EMERGENCY		
Markings & Markers		✓	Markers		✓
Lights	N/A	N/A	Lights		✓
APRON			DRAINAGE		
Debris		✓	Silting or vegetation in open drains		✓
Fuel & Oil Spillages		✓	Water ponding		✓
Pavement Deterioration		✓	Blockages		✓
Markings & Markers		✓			
Lights	N/A	N/A	HAZARDS		
Aircraft Parking Positions		✓	Birds (permanent)		✓
Refuelling Operations		✓	Other		✓
ENTRANCE ROAD			OBSTACLE LIMITATION SURFACE		
Road surface condition		✓	Approach surfaces clear		✓
			Transitional surfaces clear		✓
			Obstructions marked and lit		✓

DETAILED COMMENT / ACTIONS TAKEN:

Grass Mown around Rwy lights, W/Side, weather station + boundary fence near Highway.

Slashing of remaining area to be done when slasher available.

Name of Reporting Officer:

Signature:

Date: 24/10/15

Noted by Aerodrome Manager:

Date:

West Wimmera Shire Council
EDENHOPE AERODROME - LICENCE NO. ALA
Reporting Officers Inspection Log



Rwy 18/36

RUNWAY	Att	Pass	FENCING	Att	Pass
Debris		✓	Security, Indications of Unauthorised Entry		✓
Markings & Markers	✗		Signage (Unauthorised Entry Displayed)		✓
Lights		✓	Gates Locked		✓
Shoulder Construction		✓	Emergency Gate Unobstructed		✓
RUNWAY STRIP			WIND INDICATOR		
Undue Roughness		✓	Condition, Swinging Freely		✓
Obstructions		✓	Lighting		✓
Grass Height		✓	Spare Windssock, available		✓
Gable Makers		✓	Area		✓
Ground Cracking		✓			
TAXIWAY/TAXIWAY STRIP			SIGNALS		
Debris		✓	Markers		✓
Pavement Condition		✓	Area		✓
Shoulder Erosion		✓			
Grass Height		✓	EMERGENCY		
Markings & Markers		✓	Markers		✓
Lights	N/A	N/A	Lights		✓
APRON			DRAINAGE		
Debris		✓	Silting or vegetation in open drains		✓
Fuel & Oil Spillages		✓	Water ponding		✓
Pavement Deterioration		✓	Blockages		✓
Markings & Markers		✓			
Lights	N/A	N/A	HAZARDS		
Aircraft Parking Positions		✓	Birds (permanent)		✓
Refuelling Operations		✓	Other	✗	Rovs
ENTRANCE ROAD			OBSTACLE LIMITATION SURFACE		
Road surface condition		✓	Approach surfaces clear		✓
			Transitional surfaces clear		✓
			Obstructions marked and lit		✓

DETAILED COMMENT / ACTIONS TAKEN:

.....
 Rwy Markings need re-painting
 Ramp Unit on South end of Rwy
 to be sent away for upgrade!

Name of Reporting Officer: *B. Housler*

Signature: *BH*

Date: *5-5-21*

Noted by Aerodrome Manager:

Date:

Appendix H

Edenhope Aerodrome - Stakeholder Meeting Minutes

Date: Monday 21st November

Location: Edenhope Aerodrome

Attendees:

James Magee – PMO Innovation and Assets Manager - West Wimmera Shire
Ram Upadhyaya – Director Infrastructure Development and Works -West Wimmera Shire
Matthew Mallet – Assets Officer – West Wimmera Shire
Paul Burton – Emergency Management Planning Coordinator - Ambulance Victoria
Mark Gunning – CFA – Regional Manager
Lindsay Barry – Operations Officer - CFA
Paul Reichenbach – General Manager Works - DELWP
Kim Whytcross – Driscoll Engineering Services

Apologies:

John Griffiths – West Wimmera Shire
Edenhope Aerodrome – Local Group

Aerodrome Maintenance Records, Inspections and NOTAMS

Kim Whytcross requested a copy of any maintenance records and inspections that are required for the aerodrome as well as any NOTAMS that have been issued in the past couple of years.

Existing Pavement Area

James Magee advised that the existing aircraft parking area has approximately 150mm to 200mm depth of gravel and could be sealed. It would be appropriate to have a carpark at the back of the new CFA shed, with aircraft parking at the front. Kim Whytcross suggested that if sealing of the carpark and line-marking did not fit into the budget then some signs to define the aircraft and vehicle parking areas would be useful.

Regional Airports Programme Funding Application

Ram advised that the notification about the funding application was meant to be in August but has been delayed. Matthew Mallet advised that the CFA funding has been set aside and is available until used for the project.

James Magee requested that the Aerodrome Development Plan be completed in time to present to a forum in February. Kim Whytcross advised that it is expected it will be completed prior to February.

DELWP Priority Projects at Edenhope Aerodrome

Paul Reinchenbach enquired as to the height of the proposed CFA shed and stated that it would be great to have a mezzanine floor for the DELWP staff rather than using the caravan in which the equipment is currently located. As DELWP use the radios for communication it would be preferable to be at a higher part of the building and for desks to be near a west facing window. Good views to the west are required for DELWP staff and an airconditioned environment would be preferable. Paul further stated that DELWP requires storage space for the equipment and the communication aerials mounted on the shed.

James Magee advised that DELWP should liaise with Mathew Mallet in regard to the drafting layout for the new CFA shed and the amenities.

It was noted that wiring is required for a generator for when the electricity is out, and that the electricity is frequently out, particularly on the high risk days when the CFA are likely to be using the aerodrome.

CFA Priority Projects at Edenhope Aerodrome

Mark Gunning advised that in terms of nearby alternative aerodromes, Kaniva is not a high priority as it is close to Nhill and that Nhill and Casterton are a higher priority. Mark further advised that as the average age of CFA volunteers is getting older, there is an increased reliance on aircraft for fire fighting.

Mark Gunning advised that an East-West Runway has been requested by the local community groups, however he believes that the basis for this request is on some misinformation. The day on which the CFA aircraft couldn't take off there was a storm preventing the aircraft, it was not the wind direction. It was noted that if the East-West runway was to progress, a vegetation assessment would be required due to the close proximity of vegetation to the proposed runway.

Mark Gunning advised that the East-West runway is not a high priority for the CFA due to not only the construction cost of the runway but the ongoing legacy cost for West Wimmera Shire. Mark further advised that the priority projects for the CFA are the: amenities building including a kitchenette and toilets; water tanks; a helipad and taxiway; and a sealed surface for the aircraft parking area to reduce the damage to parked aircraft.

West Wimmera Shire Priority Projects at Edenhope Aerodrome

Mathew Mallet advised that in accordance with the funding application, the first priority for West Wimmera Shire is the CFA shed with the kitchenette and toilet facilities, with the second priority being the water tanks and a bore to enable the tanks to be filled. The East-West runway can be constructed at a later time, as can the helipad. Mathew further advised that if the funding application is rejected, the CFA can proceed with the shed. The CFA will need to complete a license agreement with West Wimmera Shire and the West Wimmera Shire co-contribution is available to assist the project.

Ram Upadhyaya advised that the aerodrome is currently utilised by the Royal Flying Doctor Service and Emergency Management Services who would both benefit from access to an east-west runway. Ram Upadhyaya stated that the reserve for a potential new east-west runway is currently overgrown with vegetation.

James Magee advised that at least one helipad is required, potentially two or one large one with a gravel track to the helipad. James further advised that Council is preparing a long term plan, but the initial priorities are: a taxiway; hardstand area; water tanks 2 * 80,000 litres; a bore to fill the tanks; and a shed with toilets, kitchenette, storage areas and an ambulance transfer area. The initial priority projects were included in the \$405,000 funding application. The funding application utilises funding from various sources.

Note: the helipads and east-west runway were not included in the funding application.

Mathew enquired about whether West Wimmera Shire has a standard lease agreement for the use of the aerodrome as the CFA has recently entered an agreement for Cobden Aerodrome. James Magee advised that there is no current standard lease agreement, however West Wimmera Shire will provide one.

Appendix I

Edenhope Aerodrome - Photographs

Edenhope Aerodrome

Photographs

Date: December 21, 2022

Runway 18/36 – Facing south
at southern threshold



Southern end of Runway 18/36
- Facing east toward hangar



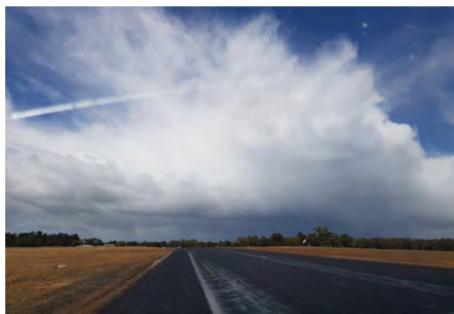
Southern end of Runway 18/36, facing east toward hangar



Runway 18/36 – Facing south



Runway 18/36 – Facing south



Runway 18/36 – Facing south



Runway 18/36 facing south on west side



Runway 18/36 - Facing south



Runway 18/36 - Facing south



Runway 18/36 –Facing north toward
threshold for Runway 18



Runway 18/36 - Facing north
toward threshold for Runway 18



East-west runway reserve – Facing east



East-west runway reserve – Facing east



East-west runway reserve – facing west



East-west runway reserve – facing west



Facing north west along proposed taxiway alignment



Facing north west along proposed taxiway



Facing north from hangar, across parking area to toilet facilities and shelter



Facing north from hangar, across parking area to ambulance transfer building



Toilet facilities and shelter area



Ambulance Transfer Building



DELWP Emergency Communications Van and existing water tanks



DELWP Emergency Communications Van



Facing west from hangar along taxiway to Runway 18/36



Facing north toward site for new CFA and emergency services building and portable toilet.



Facing north west toward existing Ambulance transfer shed and windsock.



Facing north west toward existing Ambulance transfer shed and portable toilet.





15.2 Goroce Swimming Pool

Directorate: Infrastructure Development and Works
Report Author: Facilities and Quality Manager
Report Purpose: For Decision

Introduction

The intention of this report is to provide information to the council about the operation of Goroce Swimming Pool and seek authorisation to assume responsibility for the management of the pool following the request from Goroce Swimming Pool Committee.

The Goroce Swimming Pool is located on the Goroce Recreation Reserve, (109 Main Street, Goroce), Property number 2501047 CA 9H, Parish of Goroce. This land is crown land where the Committee of Management is the Goroce Recreation Reserve.



The Goroce Recreation Reserve – Goroce Swimming pool is situated on CA 9H, Parish of Goroce. A potential boundary would be where the yellow line is marked south of the swimming pool.

Declaration of Interest

The Quality and Facilities Manager has a conflict of interest. This officer is the Secretary/Treasurer of the Goroce Recreation Reserve Committee of Management.



Background

Research has been done by the Officer following the request from Goroke Swimming Pool committee with the intention of relinquishing their responsibility for the management of the pool. The Goroke Swimming Pool parcel is in the Council's name on the rating system even though it is part of the Committee of Management of the Goroke Recreation Reserve.

There has been a Council agreement where the past Contract Manager has worked with the Goroke Pool Committee to provide funds for the President of the pool committee to caretake the pool to provide a safe and well-maintained pool for the community. The council has also paid for the Products and Public Liability insurance in the past, including some maintenance and pool painting.

In May 2023 Council engaged Life Saving Victoria (LSV) to prepare a Pool Safety Assessment at the Edenhope, Goroke and Kaniva pools. The findings of this assessment found there were areas of compliance that needed to be addressed at the Goroke swimming pool such as:

- Policy and procedures
- Water Quality Risk Management Plan
- Operational Manuals
- HR Policy and procedures
- Risk Assessments
- Emergency Procedures
- General Training
- Chemical storage

Public aquatic facilities are regulated under the Public Health and Wellbeing Act 2008 and the Public Health and Wellbeing Regulations 2019. The regulations outline registration requirements, general duties of aquatic facility operators, the minimum water quality requirements for aquatic facilities, response procedures for non-compliant water quality, requirements for aquatic facilities suspected or implicated as a source of infection and recordkeeping.

Council officers have been reactive to managing these observations and have been working to develop policy and procedures, also implementing a standardised water quality risk management plan amongst other processes. These should be in place before the beginning of the swimming season.

Since the LSV assessment the caretaker of the Goroke Swimming Pool resigned from this role that they held for the past 20 years. This has left three volunteers who are committee members to manage the pool. None of these members have the experience, qualifications, or time to manage the pool. This is a liability and risk for these volunteers who took on these roles to benefit the community.



An option for the Council is to proceed with becoming the Committee of Management of this portion of CA 9H, Parish of Goroke. In doing this the Council will need to give authority to DEECA (Department of Energy, Environment and Climate Action) to realign the boundary for the portion where the Goroke Swimming Pool is situated. Once DEECA have received confirmation from both parties, the process should only take a few weeks and is at no cost to Council or the Goroke Recreation Reserve Committee Incorporated.

All three pools will then be the responsibility of the West Wimmera Shire Council and handled accordingly as part of a Council contract.

Risk Management Implications

Risk identified:

Regulatory risk
Reputation risk
Safety risk

Legislative Implications

The report complies with the requirements of the:
Local Government Act 2020
Public Health and Wellbeing Act 2008
Public health and Wellbeing Regulations 2019

Environmental Implications

Nil

Financial and Budgetary Implications

The financial risk rating has been assessed as: Low
Currently budgeted \$30,000 for contractor fees and \$4,772 for Products and Public Liability insurance, pool painting and minor maintenance.

Policy Implications

This report is supported by the following West Wimmera Shire Council Policy/s:

Recreation Policy

Council Plan Implications

This report supports the following sections of the West Wimmera Shire Council Plan 2021 – 2025:



Goal 1 – Liveable & Healthy Community

1.3 Provide well planned and sustainable community infrastructure.

Communication Implications

Discussions between the Goroce Recreation Reserve Committee of Management and the Goroce Swimming Pool Committee (letters attached).

Gender Equality

Not Applicable

Conclusion

Public aquatic facilities are important for maintaining and promoting active lifestyles and providing health benefits. However, if aquatic facilities are not responsibly managed, the health of users may be put at risk. There are implications and risks for a group of volunteers to manage a public swimming pool. To align the operational management of this pool it would be in the best interest of the community and the West Wimmera Council to start proceedings with DEECA (Department of Energy, Environment and Climate Action) to realign the boundaries of this crown allotment and for Council to take over the Committee of Management.

OFFICER RECOMMENDATION:

That Council gives authority to the Chief Executive Officer to progress with the necessary arrangements to appoint West Wimmera Shire Council as the Committee of Management of Part 9H Parish of Goroce and realign the boundary of CA 9H Parish of Goroce.

Attachments

1. Goroce Rec Reserve - Goroce Swimming Pool letter [**15.2.1** - 1 page]
2. Goroce Swimming Pool - Committee letter 2023 [**15.2.2** - 1 page]
3. 0200965 - Goroce Recreation Reserve - Change in management boundary - Goroce Recreation Reserve Co M [**15.2.3** - 1 page]



Goroke Recreation Reserve Committee of Management Inc.

85 – 101 Main Street, Goroke Victoria 3412

5 July 2023

Mr David Bezuidenhout
Chief Executive Officer
West Wimmera Shire Council
PO Box 201
EDENHOPE VIC 3318

GOROKE RECREATION RESERVE – GOROKE SWIMMING POOL PART CA 9H, PARISH OF GOROKE

On behalf of the Goroke Recreation Reserve Committee of Management Inc. we confirm that the Goroke Swimming Pool Committee wish to hand over the management of the pool to the West Wimmera Shire Council and our committee confirm that this would be beneficial.

Even though the pool is on the Goroke Recreation Reserve to my knowledge it's always had its own committee and not relied on the recreation reserve for any financial input.

Crown allotment 9H is approximately 0.2000ha in size and the area that we would like to transfer responsibility of would be 8200m².

If you would like to discuss this further, please don't hesitate to contact me.

Regards



Nick Gabbé
President
Goroke Recreation Reserve Committee of Management Inc.
0429 861 230

The Goroke Swimming Pool Inc.
107 Main Street, Goroke 3412

5 July 2023

Mr David Bezuidenhout
Chief Executive Officer
West Wimmera Shire Council
PO Box 201
EDENHOPE VIC 3318

Dear Mr Bezuidenhout,

GOROKE SWIMMING POOL MANAGEMENT

On behalf of the Goroke Swimming Pool Committee we would like to formally relinquish the management and responsibility of the Goroke Swimming Pool and transfer the administration to the West Wimmera Shire Council.

The past President who was the caretaker of the pool for the past 20 years resigned earlier in the year. Over time it has become a huge responsibility for the small committee to get matters in order and maintain the legislated requirements.

As a committee we are finding it hard to employ lifeguards, maintain committee positions and the general upkeep of our pool has become onerous on our committee.

The pool is a great asset to the Goroke community and it would benefit if the continued management was maintained by Council.

Kind Regards



Georgina Buckley



Department of Energy, Environment
and Climate Action

110 Natimuk Road
Horsham, Vic. 3400
Telephone: 5450 8301
deeca.vic.gov.au

Ref: 0200965

West Wimmera Shire Council
Attn: Louise Gabbe
49 Elizabeth Street
EDENHOPE VIC 3318

Via email: louisegabbe@westwimmera.vic.gov.au

Dear Ms Gabbe

GOROKE RECREATION RESERVE – MANAGEMENT OF GOROKE LITTLE DESERT NATURE PLAY SPACE AND GOROKE SWIMMING POOL

I am writing to you to advise that the Department of Energy, Environment and Climate Action (DEECA) will facilitate the realignment of management boundaries within the Goroke Recreation Reserve relating to the Goroke Little Desert Nature Play Space and the Goroke Swimming Pool. It is intended that the management of these areas will be taken from the Goroke Recreation Reserve Committee Incorporated and instead assigned to West Wimmera Shire Council (the Council).

It is DEECA's understanding that both sections of the Goroke Recreation Reserve mentioned above are either maintained by the Council, or funding is provided by the Council to the committee to maintain these areas. As such, the re-alignment of the management boundaries as outlined above is deemed most appropriate to formalise the on-ground management of the site as a whole.

To begin the process DEECA needs confirmation from:

- West Wimmera Shire Council that they are willing to take over the areas mentioned, and
- Goroke Recreation Reserve Committee Incorporated that they agree to surrender their management over the areas mentioned in favour of the Council.

Once DEECA have received confirmation from both parties, the process should only take a few weeks and is at no cost to Council or the Goroke Recreation Reserve Committee Incorporated.

If you have any questions in respect to this matter, please contact Danielle Fowler on 0439 029 909 or via email at publicland.grampians@delwp.vic.gov.au

Yours sincerely,

Matthew Lee
Program Manager
Land & Built Environment – Grampians Region

31/07/2023

Any personal information about you or a third party in your correspondence will be protected under the provisions of the *Privacy and Data Protection Act 2014*. It will only be used or disclosed to appropriate Ministerial, Statutory Authority, or departmental staff in regard to the purpose for which it was provided, unless required or authorized by law. Enquiries about access to information about you held by the Department should be directed to foi.unit@delwp.vic.gov.au or FOI Unit, Department of Energy, Environment and Climate Action, PO Box 500, East Melbourne, Victoria 8002.



OFFICIAL



15.3 Goroke Little Desert Nature Playspace

Directorate: Infrastructure Development and Works

Report Author: Facilities and Quality Manager

Report Purpose: For Decision

Introduction

The intention of this report is to provide information on the management of Goroke Little Desert Nature Playspace and seek authorisation on assuming the ownership and management of the Playspace.

The Goroke Little Desert Nature Playspace is located on the Goroke Recreation Reserve, (81 Main Street, Goroke), Property number 2501013 CA 9D and part of CA 9E and 9F, Parish of Goroke.

The current provision for access to the reserve is from the Main St on the west side of the newly built complex and a secondary access will be constructed onto Camp St to the east. The future construction of new public toilets at some time will be between the playspace and the netball/tennis courts.



The Goroke Recreation Reserve – Goroke Little Desert Nature Playspace is situated on CA 9D and part 9E and 9F, Parish of Goroke. A potential boundary would be where the purple outline on the northeast side of the of the map.



Declaration of Interest

The Quality and Facilities Manager has a conflict of interest. This officer is the Secretary/Treasurer of the Goroke Recreation Reserve Committee of Management.

Background

The Goroke Recreation Reserve Committee has requested to relinquish the management responsibility of the playspace which is currently being maintained by West Wimmera Shire Council (letter attached).

Prior to funding and the completion of the playspace in 2018, the mowing and maintenance were completed by the Goroke Apex Club as it was formerly known as Apex Park. Since the completion of the project, this area has been maintained by the West Wimmera Shire Council without any formalised arrangements with DEECA (Department of Energy, Environment and Climate Action) for the transfer of the committee of management.

Discussions with DECCA have suggested that the Council can request realignment of the boundaries following the council resolution. Once DEECA receive confirmation from the Goroke Recreation Reserve Committee of Management Inc. and the West Wimmera Shire Council, the process should only take a few weeks and at no cost to Council or the Goroke Recreation Reserve Committee of Management Inc. (letter attached).

Risk Management Implications

Risk identified:

There are no obvious risks for the Council to mitigate or eliminate in regard to the proposal considered for funding support in this report.

Legislative Implications

The report complies with the requirements of the:
Local Government Act 2020

Environmental Implications

Nil

Financial and Budgetary Implications

The financial risk rating has been assessed as: Low

Policy Implications

This report is supported by the following West Wimmera Shire Council Policy/s:



Play Space Management Policy
Recreation Policy

Council Plan Implications

This report supports the following sections of the West Wimmera Shire Council Plan 2021 – 2025:

Goal 1 – Liveable & Healthy Community

1.3 Provide well planned and sustainable community infrastructure.

Communication Implications

Goroke Recreation Reserve Committee has submitted a letter for the committee of management to be transferred (letter attached).

Gender Equality

Not Applicable

Conclusion

To align the operational management of the Goroke Little Desert Nature Playspace, the West Wimmera Council to start proceedings for DEECA (Department of Energy, Environment and Climate Action) to realign the boundaries of this CA 9D and part of 9E and 9F Parish of Goroke and for Council to take over the Committee of Management.

OFFICER RECOMMENDATION:

That Council gives authority to the Chief Executive Officer to progress with the necessary arrangements to appoint West Wimmera Shire Council as the Committee of Management of CA 9D and part of 9F Parish of Goroke and to realign the boundary of CA 9D and part of 9E and 9F Parish of Goroke to form an area that the West Wimmera Shire will be the responsible Committee of Management.

Attachments

Letter from Goroke Recreation Reserve

1. Goroke Rec Res - Goroke Little Desert Naturespace [15.3.1 - 1 page]
2. 0200965 - Goroke Recreation Reserve - Change in management boundary - Goroke Recreation Reserve Co M [15.3.2 - 1 page]



Goroke Recreation Reserve Committee of Management Inc.

85 – 101 Main Street, Goroke Victoria 3412

5 July 2023

Mr David Bezuidenhout
Chief Executive Officer
West Wimmera Shire Council
PO Box 201
EDENHOPE VIC 3318

**GOROKE RECREATION RESERVE – GOROKE LITTLE DESERT NATURE PLACESPACE
CA 9D - PARISH OF GOROKE AND PART CA 9F – PARISH OF GOROKE**

On behalf of the Goroke Recreation Reserve Committee of Management Inc. we confirm that the Goroke Little Desert Nature Placespace is on the Goroke Recreation Reserve.

In the past the Goroke Apex Club Inc. maintained this area until Council received funding and redevelopment of the park was undertaken in 2018. There was no official transfer of ownership with Council and as this area is now maintained by the West Wimmera Shire Council, we would like to officially hand over this area from our management as a committee.

To align the nature space and future development of this area, it would be logical that CA 9D and part of 9F be joined as the nature space overlaps into 9F.

If you would like to discuss this further, please don't hesitate to contact me.

Regards



Nick Gabbé
President
Goroke Recreation Reserve Committee of Management Inc.
0429 861 230



Department of Energy, Environment
and Climate Action

110 Natimuk Road
Horsham, Vic. 3400
Telephone: 5450 8301
deeca.vic.gov.au

Ref: 0200965

West Wimmera Shire Council
Attn: Louise Gabbe
49 Elizabeth Street
EDENHOPE VIC 3318

Via email: louisegabbe@westwimmera.vic.gov.au

Dear Ms Gabbe

GOROKE RECREATION RESERVE – MANAGEMENT OF GOROKE LITTLE DESERT NATURE PLAY SPACE AND GOROKE SWIMMING POOL

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It is DEECA's understanding that both sections of the Goroke Recreation Reserve mentioned above are either maintained by the Council, or funding is provided by the Council to the committee to maintain these areas. As such, the re-alignment of the management boundaries as outlined above is deemed most appropriate to formalise the on-ground management of the site as a whole.

To begin the process DEECA needs confirmation from:

- West Wimmera Shire Council that they are willing to take over the areas mentioned, and
- Goroke Recreation Reserve Committee Incorporated that they agree to surrender their management over the areas mentioned in favour of the Council.

Once DEECA have received confirmation from both parties, the process should only take a few weeks and is at no cost to Council or the Goroke Recreation Reserve Committee Incorporated.

If you have any questions in respect to this matter, please contact Danielle Fowler on 0439 029 909 or via email at publicland.grampians@delwp.vic.gov.au

Yours sincerely,

Matthew Lee
Program Manager
Land & Built Environment – Grampians Region

31/07/2023

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OFFICIAL



15.4 Old Shire Depot/Workshop - 67 Langford St Edenhope - 9:45am

Directorate: Infrastructure Development and Works
Report Author: Facilities and Quality Manager
Report Purpose: For Decision

Introduction

On 1 July 1996, the West Wimmera was issued a Section 138, Land Act 1958 Miscellaneous (General) Licence (Tenure ID 0208078). The provisions of the use of “licensed land” were specified for the purpose of “Council Purposes”. This was done in the best interest of allowing the council some flexibility of usage. Initially the area was used for the shire depot/workshop, up until it was relocated to 51 Coleraine-Edenhope Rd.

There is a bore to the east of the licensed site on public land that is currently utilised by the Council and the public. This is used for filling up trucks for road construction and roadside vegetation spraying. When water at the aerodrome runs out, the bore at Langford St is utilised as a backup for emergencies such as fires. The public have access to this bore for stock and domestic use throughout emergencies and firefighting. The power for this bore is in the old workshop/depot where the Council has a licence with DEECA. Under the current arrangement, the lessee pays for the power supply to the bore. This can be negotiated when the new agreement is put in place.

DEECA (Department of Energy, Environment and Climate Action) advised that technically the council are not allowed to sublet land without DEECA permission, which is currently happening with the current lease arrangement.





67 Langford Street, Edenhope. CA 16 Section 33, Parish of Edenhope

The rates assessment number 1021658 for this area is in the name of the West Wimmera Shire Council and the levied FSPL (Fire Services Property Levy) (CFA (Country Fire Authority) Public Benefit Council S20) is paid by Council.

In April 2012, a lease was signed between the West Wimmera Shire Council and Mr Sean Carter to lease the former shire workshop at 67 Langford Street, Edenhope, CA 16 Section 33, Parish of Edenhope. The income received is \$70.00 (including GST) each week. There was a further two (2) twelve (12) month renewal lease period at the Lessor's discretion. There is no record of any lease renewal and therefore no action taken after this date. (Lease document attached).

Declaration of Interest

No officer declared an interest under the Local Government Act 2020 (LGA 2020) in the preparation of this report.

Background

Officers have had discussions with DEECA representatives to seek a resolution. The option to continue subletting this area would be the following:

- Relinquish the licence for this piece of land and DEECA enter into a licensing agreement with the relevant party.
- The Council becomes the Committee of Management for the subject land and then sublets it to the relevant party.

The Council currently generates an income of about \$3,640 per annum by currently subletting this subject land by allowing an individual to use this area for a mechanic business.

Officers are currently in discussion with DEECA in relation to the extension of the boundary to include the bore and tanks into the land where the Council can potentially be Committee of Management.

Risk Management Implications

Risk identified:

Asset risk

Regulatory risk

Reputation risk

Legislative Implications

The report complies with the requirements of the:
Local Government Act 2020



Environmental Implications

Nil

Financial and Budgetary Implications

The financial risk rating has been assessed as: Low

Policy Implications

This report is supported by the following West Wimmera Shire Council Policy/s:

Asset Management Policy

Environmental Policy

Council Plan Implications

This report supports the following sections of the West Wimmera Shire Council Plan 2021 – 2025:

Goal 2 – Diverse and Prosperous Economy

2.1 Encourage and support the establishment and expansion of innovative, creative and sustainable businesses.

2.3 Facilitate the development of the local economy and jobs.

Communication Implications

No Communication Implications

Gender Equality

Not Applicable

Conclusion

DEECA believes now is a good time to review the future of the old shire depot and the associated licence with Council, given that it has been over 10 years since it was established. DEECA need to know Councils intent, do they want to take over the Committee of Management or would they like to relinquish the licence and for it to be formally transferred to the current lease holder.

OFFICER RECOMMENDATION:

That the Council gives approval to become the Committee of Management and authorise the Chief Executive Officer to progress with the necessary arrangements to appoint the



West Wimmera Shire Council as the Committee of Management of the Old Shire Depot at 67 Langford St, Edenhope.

- 2. That Council Officers investigate the option of extending the boundary of the old depot site to include the bore/tanks for which Council will also be the Committee of Management.**

Attachments

1. Old Shire Depot signed lease Sean Carter 2012 [**15.4.1** - 2 pages]



FILE COPY

WEST WIMMERA SHIRE COUNCIL

EN0008

CRM

26th April 2012

Sean Carter
PO Box 54
EDENHOPE VIC 3318

Dear Sean,

Please find attached a countersigned copy of the lease agreement for the Langford Street Workshop Depot Shed.

If you have any other questions to the above please call me on 5585 9903.

Yours sincerely

Colin Mibus
General Manager Infrastructure Development & Works

Date:	30-05-2012
Doc No:	12/009966
File No:	EN0008
E Doc:	
Action:	
Day Box No:	9

All correspondence to:
EDENHOPE CIVIC CENTRE: 49 Elizabeth Street (PO Box 201), Edenhope Vic. 3318 - Tel:03 5585 9900 - Fax: 03 5585 9950

Kaniva District Office: 25 Baker Street, Kaniva Vic. 3419 - Tel: 03 5392 7700 - Fax: 03 5392 7750

WEB SITE: www.westwimmera.vic.gov.au

FILE COPY

FORMER WORKSHOP DEPOT SHED IN LANGFORD STREET EDENHOPE

CL16 Section 33 Township of Edenhope

TERMS AND CONDITIONS OF LEASE

Lease between West Wimmera Shire Council (The Lessor) and Mr S Carter (The Lessee)

The Lessee will:-

1. Pay the rent quarterly (1st January, 1st April, 1st July, 1st October) in advance commencing 1st April 2012 with first payment being paid on signing of this lease.
2. Lease the Former Workshop Depot Shed at \$70 per week for twelve (12) months with a further two (2) twelve (12) month renewal lease period at Lessor's discretion
3. Keep the Shed free from vermin
4. Keep the improvements in as good repair and conditions at the present, fair wear and tear, damage by fire storm and tempest excepted
5. Not sub-let or assign without the written consent of the Lessor
6. To use the Shed as prescribed
7. The Lessor shall have the right to enter the property at all reasonable times
8. Allow the Lessor or their agent to inspect at all reasonable times
9. Deliver up possession at the end of the Lease
10. Not alter the Shed without the written consent of the Lessor
11. To maintain building and public liability insurance cover in respect to the Lessee's operations on the property
12. Liable for amenities expenses, such as power, rates and water and minor building maintenance.

The Lessor wil:-

1. Continue to pay the DSE licence fee for the land.

Signed: _____



Date: _____

26/4/12

(on behalf of the West Wimmera Shire Council)

Signed: _____



Date: _____

17-4-12

(on behalf of Mr S Carter of Carter's Diesel Repairs)

Date:
Doc No:
File No:
E Doc:
Action:
Day Box No:



16 Sealing Schedule

Nil.

17 Late Items of Business

Pursuant to West Wimmera Shire Council Governance Rules – Division 3 Section 20:

20. Urgent Business

If the agenda for a Council meeting makes provision for urgent business, business cannot be admitted as urgent business other than by resolution of Council, and only then if it:

- *20.1 relates to or arises out of a matter which has arisen since distribution of the agenda; and*
- *20.2 cannot safely or conveniently be deferred until the next Council meeting.*

No Reports.

18 Confidential Reports

RECOMMENDATION:

That Council pursuant to Section 66 (2)(a) of the Local Government Act 2020 close the meeting to members of the public to resolve on matters pertaining to the following items:

18.1 Supply and/or Delivery of Quarry and Roadmaking Material File Number: CM0581

18.2 Councillor ICT Expenses

Reasons for confidentiality:

Local Government Act 2020, Section 3 - Private commercial information

19 Close of Meeting

Next Meeting:

Wednesday, 20th September 2023



Kaniva Council Chambers