



ORDINARY MEETING NO. 7/25 WEDNESDAY, 23 JULY 2025

OPEN AGENDA

Councillors George Seymour (Chairperson), Michelle Byrne, Phil Truscott, Paul Truscott, Daniel Sanderson, Michelle Govers, Lachlan Cosgrove, John Weiland, Denis Chapman, Sara Faraj and Zane O'Keefe

Councillors are advised that an **ORDINARY MEETING** will be held in the Fraser Coast Regional Council Chambers, Hervey Bay Council Chambers, 77 Tavistock Street, Hervey Bay on **WEDNESDAY, 23 JULY 2025 at 10:00AM**.

A handwritten signature in black ink, appearing to read "Ken Diehm".

KEN DIEHM
CHIEF EXECUTIVE OFFICER

Fraser Coast Regional Council acknowledges the traditional owners of the land upon which we meet today.

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	In accordance with the provisions of the Local Government Act 2009, Councillors are required to declare a "Prescribed Conflict of Interest" or "Declarable Conflict of Interest" that may exist on any item on the agenda of the Council or Committee Meeting.	

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ITEM NO: ORD 5.1

**MINUTES OF THE ORDINARY MEETING NO. 6/25
HELD IN THE FRASER COAST REGIONAL COUNCIL CHAMBERS, HERVEY BAY COUNCIL CHAMBERS,
77 TAVISTOCK STREET, HERVEY BAY
ON MONDAY, 30 JUNE 2025 COMMENCING AT 10:00 AM**

PRESENT: Councillor George Seymour (Chairperson)
Councillor Michelle Byrne
Councillor Phil Truscott
Councillor Paul Truscott
Councillor Daniel Sanderson
Councillor Lachlan Cosgrove
Councillor John Weiland
Councillor Denis Chapman
Councillor Sara Faraj
Councillor Zane O'Keefe

STAFF IN ATTENDANCE: Chief Executive Officer, Mr Ken Diehm
(Acting) Director Organisational Services, Mr Paul Fendley
(Acting) Director Infrastructure Services, Mr Craig Hutton
(Acting) Director Strategy, Community & Development, Justine Cooper
Director Water & Waste Services, Mr Mark Vanner
Meeting Secretary, Ms Bianca Wilson

Mayor George Seymour acknowledged the traditional owners of the land upon which we meet today, the Butchulla people and paid respects to the elders past, present and emerging.

ORD 1 OPENING PRAYER

George Seymour

Mayor – Fraser Coast Regional Council

ORD 2 APOLOGIES

RESOLUTION (George Seymour/Michelle Byrne)

That Council:

1. Approve a Leave of Absence for Councillor Michelle Govers for 30 June 2025.
2. Note that Councillor Michelle Govers will not be in attendance at the 30 June 2025 Council Ordinary Meeting.

Carried Unanimously

ORD 3 DISCLOSURE OF INTERESTS

Nil

ORD 4 MAYORAL MINUTES

ORD 4.1 Maryborough Baby Clinic External Renovations

RESOLUTION (George Seymour/Sara Faraj)

That Council list for consideration the external conservation and restoration of the Maryborough Baby Clinic in the mid-year budget review to improve the visual aesthetics of the building, until such time as the Council commits to its full restoration.

Carried (9/1)

FOR: Councillor George Seymour
Councillor Michelle Byrne
Councillor Phil Truscott
Councillor Paul Truscott
Councillor Daniel Sanderson
Councillor Lachlan Cosgrove
Councillor John Weiland
Councillor Sara Faraj
Councillor Zane O'Keefe

AGAINST: Councillor Denis Chapman

ORD 4.2 Suspending The Animal Inspection Program

RESOLUTION (George Seymour)

That Council suspend the animal inspection program to allow further consultation with Councillors.

Carried (6/5) on the casting vote of the Chairperson.

FOR: Councillor George Seymour
Councillor Lachlan Cosgrove
Councillor John Weiland
Councillor Sara Faraj
Councillor Zane O'Keefe

AGAINST: Councillor Michelle Byrne
Councillor Phil Truscott
Councillor Paul Truscott

Councillor Daniel Sanderson
Councillor Denis Chapman

ORD 5 CONFIRMATION OF MINUTES OF MEETINGS

ORD 5.1 Ordinary Meeting No. 5/25 – 28 May 2025

RESOLUTION (Sara Faraj/Michelle Byrne)

That the minutes of the Ordinary Meeting No. 5/25 held on 28 May, 2025 be confirmed.

Carried Unanimously

ORD 5.2 Special Meeting No. 2/25 – 11 June 2025

RESOLUTION (Zane O'Keefe/Sara Faraj)

That the minutes of the Special Meeting No. 2/25 held on 11 June, 2025 be confirmed.

Carried Unanimously

ORD 6 OUTSTANDING ACTIONS

ORD 6.1 Open Resolutions Register - June 2025

RESOLUTION (Sara Faraj/Michelle Byrne)

That Council receive and note the Open Resolutions Register – June 2025 as per Attachment 1 (eDocs#3752248).

Carried Unanimously

Councillor Michelle Byrne left the Chamber at 10.43am and was not present during discussion and voting on the below matters.

ORD 7 ADDRESSES/PRESENTATIONS

ORD 7.1 Community Presentations

Angelo Oliaro

Angelo Oliaro spoke concerning excess water overflow from the development at Colyton Street, Torquay seeking an independent review of the development approvals and onsite works to ensure that it is compliant.

Graham Wode

Graham Wode spoke in relation to flooding and the response from Brisbane City Council in relation to flooding associated with Cyclone Alfred.

RESOLUTION (Lachlan Cosgrove/John Weiland)

That Council note the verbal report provided by the Chief Executive Officer on the matters raised during Community Presentations.

Carried Unanimously

ORD 8 DEPUTATIONS

Nil

ORD 9 PETITIONS

ORD 9.1.1 Request for Council to upgrade Tavistock and Colyton intersection

Councillor Sara Faraj tabled a petition from chief petitioner, Kenneth Fraser containing 72 signatures requesting Council to upgrade Tavistock and Colyton Street Intersection

RESOLUTION (Sara Faraj/Zane O'Keefe)

That the petition be received.

Carried Unanimously

ORD 9.1.2 Request for Council to Upgrade the Traffic Restrictions between Wetside and Beach Road

Councillor Sara Faraj tabled a petition from chief petitioner, Di Fender containing 26 signatures requesting Council to upgrade the traffic restrictions between Wetside and Beach Road.

RESOLUTION (Sara Faraj/Zane O'Keefe)

That the petition be received and referred to the Chief Executive Officer for consideration and report to Council.

Carried Unanimously

ORD 9.1.3 Request for Council action relating to excess water overflow from the development at Colyton Street, Torquay

Councillor John Weiland tabled a petition from chief petitioner, Angelo Oliaro containing 27 signatures requesting Council action relating to excess water overflow from the development at Colyton Street, Torquay.

RESOLUTION (John Weiland/Sara Faraj)

That the petition be received and referred to the Chief Executive Officer for consideration and a report to Council.

Carried Unanimously

ORD 10 COMMITTEES' REPORTS

ORD 10.1 Environment & Sustainability Advisory Committee Meeting Minutes - 7 April 2025

RESOLUTION (Zane O'Keefe/Sara Faraj)

That Council receive and note the Minutes of the Environment & Sustainability Advisory Committee held on 7 April, 2025.

Carried Unanimously

Councillor Michelle Byrne returned to the Chamber at 10:46am.

ORD 10.2 Traffic Advisory Committee Minutes - 6 May 2025

RESOLUTION (Denis Chapman/Lachlan Cosgrove)

That Council receive and note the Minutes of the Traffic Advisory Committee meeting held on 6 May 2025.

Carried Unanimously

ORD 10.3 Informal Meetings - Record of Matters Discussed

RESOLUTION (Lachlan Cosgrove/Sara Faraj)

That Council receive and note the record of matters discussed of Council Informal Meetings held between 1 May 2025 to 31 May 2025 as detailed in the attachments.

Carried Unanimously

ORD 10.4 Water and Waste Services Advisory Committee Meeting Minutes - 22 May 2025

RESOLUTION (Phil Truscott/Michelle Byrne)

That Council receive and note the Minutes of the Water and Waste Services Advisory Committee Meeting held on 22 May 2025 as detailed in Attachment 1.

Carried Unanimously

ORD 10.5 Fraser Coast Regional Council Audit and Risk Committee Meeting Minutes - 27 May 2025

RESOLUTION (Michelle Byrne/John Weiland)

That Council receive and note the Minutes of the Audit and Risk Committee held on 27 May 2025 as detailed in Attachment 1.

Carried Unanimously

ORD 10.6 Mary to Bay Rail Trail Advisory Committee Meeting Minutes - 8 May 2025

RESOLUTION (Zane O'Keefe/Paul Truscott)

That Council receive and note the Minutes of the Fraser Coast Mary to Bay Rail Trail Advisory Committee held on 8 May 2025.

Carried Unanimously

ORD 10.7 Arts Culture and Heritage Advisory Committee Minutes - 20 May 2025

RESOLUTION (Sara Faraj/Zane O'Keefe)

That Council receive and note the Minutes of the Arts, Culture and Heritage Advisory Committee held on 20 May 2025.

Carried Unanimously

ORD 11 OFFICERS' REPORTS

ORD 11.1.1 Councillor Meeting Attendance for July 2025

RESOLUTION (Sara Faraj/Michelle Byrne)

That Council:

1. Approve the following meetings for the period 1 July 2025 to 31 July 2025 as relevant meetings which require the attendance and meaningful participation of all Councillors as per the Councillor Code of Conduct and Councillor Attendance Policy:

Date of Meeting	Time of Meeting	Meeting
2 July 2025	9.00am	Council Concept Forum
7 July 2025	10.00am	Councillor and Executive Briefing
9 July 2025	9.00am	Council Concept Forum
14 July 2025	10.00am	Councillor and Executive Briefing
16 July 2025	9.00am	Council Agenda Forum
21 July 2025	10.00am	Councillor and Executive Briefing
23 July 2025	9.00am	Community Presentations
28 July 2025	10.00am	Councillor and Executive Briefing

2. Note the requirement to attend the Ordinary Meeting scheduled for 23 July 2025.

Carried (7/3)

- FOR:** Councillor George Seymour
Councillor Michelle Byrne
Councillor Daniel Sanderson
Councillor John Weiland
Councillor Denis Chapman
Councillor Sara Faraj
Councillor Zane O'Keefe
- AGAINST:** Councillor Phil Truscott
Councillor Paul Truscott
Councillor Lachlan Cosgrove

ORD 11.2.1 Audit and Risk Committee membership

RESOLUTION (Michelle Byrne/Sara Faraj)

That Council:

1. Receive and note the report; and
2. Appoint Mr Jake Matuzic for a second term as external member for term of four years to June 2029; and
3. Appoint Mr Jake Matuzic as Chairperson of the Audit and Risk Committee for a term of two years effective from the date of this resolution.

Carried Unanimously

ORD 11.2.2 Request for Community Leases - Maryborough Showgrounds

RESOLUTION (Denis Chapman/Paul Truscott)

That Council:

1. Pursuant to *Local Government Regulation 2012*, Section 236 (1) (b) (ii), Council resolves to dispose of the interest in the Land by entering into a Trustee Lease for a term of 10 years each with the following community groups:
 - a. Maryborough and Districts Radio Rallycross Inc over part of Lot 298 CP895405, located at Showgrounds Road, Maryborough West;
 - b. Maryborough Kennel Club Inc over part of Lot 298 CP895405, located at Showgrounds Road, Maryborough West;
 - c. Maryborough Woodturners and Woodcraftsmen Guild Inc over part of Lot 298 CP895405, located at Showgrounds Road, Maryborough West;
 - d. Fraser Coast Agriculture Show Society Inc over part of Lot 298 CP895405, located at Showgrounds Road, Maryborough West;
 - e. Maryborough Active Riders Club Inc over part of Lot 298 CP895405, located at Showgrounds Road, Maryborough West;
 - f. Maryborough Pony Club Inc over part of Lot 298 CP895405, located at Showgrounds Road, Maryborough West;

- g. Fraser Coast Horse Trials Inc over part of Lot 298 CP895405, located at Showgrounds Road, Maryborough West;
 - h. Maryborough & District Western Performance Club Inc over part of Lot 298 CP895405, located at Showgrounds Road, Maryborough West;
 - i. Southern Cross Xtreme Cowboy Racing Club Inc over part of Lot 298 CP895405, located at Showgrounds Road, Maryborough West; and
 - j. Fraser Coast Western Dressage Association Inc over part of Lot 298 CP895405, located at Showgrounds Road, Maryborough West.
2. Delegate authority to the Chief Executive Officer to negotiate, finalise, and execute all ten (10) Trustee Leases with the above-listed community groups.

Carried Unanimously

ORD 11.2.3 New Policy - Business Continuity Council Policy

RESOLUTION (George Seymour/Zane O'Keefe)

That Council adopt the new Business Continuity Council Policy (#5164680) as detailed in attachment 1.

Carried Unanimously

ORD 11.2.4 Amended Policy - Entertainment and Hospitality Council Policy

RESOLUTION (George Seymour/Lachlan Cosgrove)

That Council adopt the amended Entertainment and Hospitality Policy as detailed in Attachment 1 (#5186732) with a review date set for 12 months.

Carried Unanimously

ORD 11.2.5 Amended Policy - Competitive Neutrality Complaints Council Policy

RESOLUTION (George Seymour/Sara Faraj)

That Council approves the Competitive Neutrality Complaints Policy as detailed in Attachment 1.

Carried Unanimously

ORD 11.2.6 Amended Policy - Non-Current Assets Council Policy

RESOLUTION (George Seymour/Sara Faraj)

That Council approves the amended Non-Current Assets Policy as detailed in Attachment 1.

Carried Unanimously

ORD 11.2.7 Amended Policy - Refurbishment Concession Council Policy

RESOLUTION (George Seymour/Sara Faraj)

That Council approve the Refurbishment Concession Policy (Docs#5191259) as detailed in Attachment 1.

Carried Unanimously

ORD 11.2.8 Amended Policy - Debt Recovery Council Policy

RESOLUTION (George Seymour/Phil Truscott)

That Council approve the Debt Recovery Policy (DOCS# 5190966) as detailed in Attachment 1.

Carried Unanimously

ORD 11.2.9 Amended Policy - Financial Hardship Council Policy

RESOLUTION (George Seymour/Zane O'Keefe)

That Council approves the Financial Hardship Policy (DOCS# 5191159) as detailed in Attachment 1.

Carried Unanimously

ORD 11.2.10 Amended Policy - Water Charge Relief Council Policy

RESOLUTION (George Seymour/Zane O'Keefe)

That Council adopt the updated Water Charge Relief Policy (Draft - eDOCS #5191233) as detailed in Attachment 1.

Carried Unanimously

ORD 11.2.11 Amended Policy - Pensioner Concession Council Policy

RESOLUTION (George Seymour/Paul Truscott)

That Council adopt the updated Pensioner Concession Council Policy (Draft - DOCS #5191169) as detailed in Attachment 1.

Carried Unanimously

ORD 11.2.12 Amended Policy - Community Groups Concession Council Policy

RESOLUTION (George Seymour/Paul Truscott)

That Council adopt the updated Community Groups Concession Policy Draft - DOCS # 5191150) as detailed in Attachment 1.

Carried Unanimously

ORD 11.2.13 Amended Policy - Principal Place of Residence Council Policy

RESOLUTION (George Seymour/Michelle Byrne)

That Council endorses the Principal Place of Residence Council Policy (Draft - DOCS#5191139) as detailed in Attachment 1.

Carried Unanimously

ORD 11.2.14 Councillor Discretionary Funds Council Policy & Expenses Reimbursement & Provision of Facilities for Mayors & Councillors Council Policy

RESOLUTION (Lachlan Cosgrove/Sara Faraj)

That Council:

1. Endorse the Councillor Discretionary Funds Council Policy – CP010 as detailed in Attachment 1.
2. Endorse the Reimbursement of Expenses & Provision of Facilities for Mayor and Councillors Council Policy – CP012 (“the Policy”) as detailed in Attachment 3 with the following inclusion at Section 5.1, page 3 of the Policy in the Professional Development Expenses category:

Rollover	<ol style="list-style-type: none"> 1. Unexpended funds from a financial year may be rolled over into the <i>immediately following</i> financial year, except where the following year is an election financial year. In that case, any unexpended funds will be forfeited. 2. Funds cannot be rolled over beyond one financial year. Any funds remaining after the permitted rollover period will be forfeited. 3. Funds can also be brought forward from a following year, except where the following year is an election financial year, if a Councillor wants to undertake a professional development activity and has insufficient funds in their current year allocation.
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Carried Unanimously

Statement of Reasons for Inconsistency with Officer’s Recommendation (*Standing Orders - Section 21.10*)

As required by the Meeting Procedures and Standing Orders for Council Meetings and Standing Committees, the following reasons are recorded to explain the inconsistency between the Officer’s recommendation and the decision of Council:

To provide Councillors with greater flexibility in the application of the policy by permitting the combination of two years' professional development funding, with no change to the adopted budget during the term of a Councillor.

ORD 11.3.1 New Policy - Art and Heritage Collections Council Policy

RESOLUTION (Phil Truscott/Sara Faraj)

That Council approve the Art and Heritage Collections Policy as detailed in attachment 1.

Carried Unanimously

ORD 11.3.2 Amended Policy - Community Grants Policy

RESOLUTION (Denis Chapman/Sara Faraj)

That Council approve the amended Community Grants Policy as detailed in Attachment 1.

Carried Unanimously

ORD 11.4.1 Amended Policy - Vehicle Crossover (Driveway) Council Policy

RESOLUTION (Denis Chapman/John Weiland)

That Council adopt the amended Vehicle Crossover (Driveway) Policy (DOCS#5062749) as detailed in Attachment 1.

Carried Unanimously

ORD 11.4.2 Amended Policy - Conservation Area Rates Concession Council Policy

RESOLUTION (George Seymour/Zane O'Keefe)

That Council adopt the updated Conservation Areas Rates Concession Policy - DOCS #2022189 v11) as detailed in Attachment 1.

Carried Unanimously

ORD 11.4.3 Amended Policy - Disaster Management and Resilience Levy

RESOLUTION (George Seymour/John Weiland)

That Council adopt the amended Disaster Management and Resilience Levy Policy as detailed in Attachment 1.

Carried Unanimously

ORD 11.5.1 Fraser Coast Waste Strategy 2019-2029 Interim Review

RESOLUTION (Zane O'Keefe/Michelle Byrne)

That Council endorse the proposed amendments to the Fraser Coast Waste Strategy 2019-2029 as detailed in the Comprehensive Review Report (Attachment 1).

Carried Unanimously

ORD 11.5.2 Amended Policy - Waste Management Fee Concession Council Policy

RESOLUTION (Zane O'Keefe/Michelle Byrne)

That Council adopt the Waste Management Fee Concession Council Policy (eDOCS #5177063) as detailed in Attachment 1.

Carried Unanimously

ORD 12 MATTERS/MOTIONS OF WHICH DUE NOTICE HAS BEEN GIVEN

ORD 12.1 Moira Hansen OAM - Medal of the Order of Australia

RESOLUTION (Paul Truscott/Daniel Sanderson)

That the Fraser Coast Regional Council congratulates Moira Hansen OAM on receiving a Medal of the Order of Australia for services to community music in this month's King's Birthday Honours List.

Carried Unanimously

ORD 13 QUESTIONS ON NOTICE

NIL

ORD 14 GENERAL BUSINESS

NIL

Councillor Zane O'Keefe left the Chamber at 11:06am.

Councillor Zane O'Keefe returned to the Chamber at 11:09am.

ORD16 LATE ITEMS

ORD16.1 Late Open Reports

ORD 16.1.1 Organisational Performance Report - May 2025

RESOLUTION (Denis Chapman/Phil Truscott)

That Council receive and note the Organisational Performance Report for the period ending 31 May 2025 as per Attachment 1.

Carried Unanimously

ORD 16.1.2 Regulatory Services Fees and Charges Amendment

RESOLUTION (Zane O'Keefe/John Weiland)

That Council endorse the proposed amendments to the 2025/26 Schedule of Fees and Charges for Animal Management as outlined in table 1 of this report.

Carried Unanimously

ORD15 CONFIDENTIAL

RESOLUTION (George Seymour/Zane O'Keefe)

That Council move into Closed Session pursuant to section 254J(3) of the *Local Government Regulation 2012*, for discussion of the following items for the reasons:

1. In accordance with Section 254J(3)(h), it is necessary to close the meeting to discuss ORD 15.1 - Land Acquisition - Purser Road, Dundowran - Lower Mountain Road to 400m south - Road Reconstruction as it relates to negotiations relating to the taking of land by the local government under the Acquisition of Land Act 1967.
 2. In accordance with Section 254J(3)(g), it is necessary to close the meeting to discuss ORD 15.2 - Exemption under s235 b) Local Government Regulation 2012 for the Provision of Performance and Risk Management Software as it relates to negotiations relating to a commercial matter involving the local government for which a public discussion would be likely to prejudice the interests of the local government.
 3. In accordance with Section 254J(3)(g), it is necessary to close the meeting to discuss ORD 15.3 - CHRIS21 and T1AMS Contract Exemptions as it relates to negotiations relating to a commercial matter involving the local government for which a public discussion would be likely to prejudice the interests of the local government.
 4. In accordance with Section 254J(3)(g), it is necessary to close the meeting to discuss ORD 15.4 - Change of Entity for Contract of Sale for Tender - 7-19 Hillyard Street Pialba as it relates to negotiations relating to a commercial matter involving the local government for which a public discussion would be likely to prejudice the interests of the local government, as the discussion will involve The nature of this matter requires discussion in the closed session of the
-

meeting, as per section 254J(3)(g) of the Local Government Regulation 2012- negotiations relating to a commercial matter involving the local govern for which a public discussion would be likely to prejudice the interests of the local government.

Carried Unanimously

RESUMPTION OF OPEN MEETING

RESOLUTION (George Seymour/Sara Faraj)

That the meeting resume in open meeting.

Carried Unanimously

ORD 15.1 Land Acquisition - Purser Road, Dundowran - Lower Mountain Road to 400m south - Road Reconstruction

RESOLUTION (Denis Chapman/Sara Faraj)

That Council:

1. Deem that this report and attachments are confidential documents and be treated as such in accordance with sections 171 and 200 of the *Local Government Act 2009* and that the document remain confidential unless Council decides otherwise by resolution.
2. Pursuant to the provisions of the Acquisition of Land Act 1967, the Chief Executive Officer be authorised to commence negotiations to acquire the land listed in the Schedule of Proposed Acquisitions detailed in Attachment 2 by agreement.
3. Pursuant to the provisions of the Acquisition of Land Act 1967, and failing acquisition by agreement, Notices of Intention to Resume land for Local Government Road Network purposes be served on the owner of the land described in the Schedule included in this report titled Land Acquisition – Purser Road, Dundowran – Lower Mountain Road to 400m South – Road Reconstruction and any other person/s required by the Act to be served with such Notices
4. Delegate authority to the Chief Executive Officer, or his representative, to hear any objections from the owner of the land described in the Schedule included in this report titled Land Acquisition – Purser Road, Dundowran – Lower Mountain Road to 400m South – Road Reconstruction to the resumption of land for Local Government Road Network purposes on a date and time to be arranged.

Carried Unanimously

ORD 15.2 Exemption under s235 b) Local Government Regulation 2012 for the Provision of Performance and Risk Management Software

RESOLUTION (Zane O'Keefe/Phil Truscott)

That Council:

1. Deem that this report is a confidential document and be treated as such in accordance with sections 171 and 200 of the *Local Government Act 2009* and that the document remain confidential unless Council decides otherwise by resolution.
2. Resolve to enter into a medium-sized contractual agreement with CA Technology Pty Ltd T/A CAM Management Solutions without first inviting written quotes or tenders, pursuant to section 235(b) of the *Local Government Regulation 2012* because it would be impractical and disadvantageous for Council to invite quotes or tenders.
3. Pursuant to section 257 of the *Local Government Act 2009* (Qld), Council delegates to the Chief Executive Officer the power to negotiate, approve and pursuant to section 262 of the *Local Government Act 2009* (Qld) and enter in a contract to extend the existing software subscription on behalf of Fraser Coast Regional Council with CA Technology Pty Ltd T/A CAM Management Solutions for the required software until 30 June 2026.

Carried Unanimously

ORD 15.3 **CHRIS21 and T1AMS Contract Exemptions**

RESOLUTION (Michelle Byrne/Lachlan Cosgrove)

That Council:

1. Deem that this report is a confidential document and be treated as such in accordance with sections 171 and 200 of the *Local Government Act 2009* and that the document remains confidential unless Council decides otherwise by resolution.
2. Resolve to enter into a large-sized contractual agreement with Frontier Software Pty Ltd and AMS Consulting Service without first inviting written quotes or tenders, pursuant to section 235(b) of the *Local Government Regulation 2012* because it would be impractical and disadvantageous for Council to invite quotes or tenders.
3. Pursuant to section 257 of the *Local Government Act 2009* (Qld), Council delegates to the Chief Executive Officer the power to negotiate, approve and pursuant to section 262 of the *Local Government Act 2009* (Qld) enter in a contract to extend the following
 - a. The existing software subscription on behalf of Fraser Coast Regional Council with Frontier Software Pty Ltd for the required software for 12 months + 2 x 1 year's extension options if both parties agree.
 - b. The existing TechnologyOne product consultants on behalf of Fraser Coast Regional Council with AMS Consulting Services for the required services for 12 months + 2 x 1 year's extension options if both parties agree.

Carried Unanimously

ORD 15.4 Change of Entity for Contract of Sale for Tender - 7-19 Hillyard Street Pialba

RESOLUTION (Paul Truscott/Denis Chapman)

1. That the report be deemed a confidential document and be treated as such in accordance with sections 171 and 200 of the *Local Government Act 2009* and that the document remains confidential unless Council decides otherwise by resolution.
2. That Council authorise the Chief Executive Officer to proceed with entering into contract documents for the sale of 7-19 Hillyard Street, Pialba with SunLife Plaza Hervey Bay Pty Ltd ACN 682 661 589 pursuant to sections 257 and 262 of the *Local Government Act 2009* (Qld), despite HBC Build Australia Pty Ltd ABN 97 662 578 289 having executed the tender documents.

Carried (8/2)

FOR: Councillor Michelle Byrne
Councillor Phil Truscott
Councillor Paul Truscott
Councillor Daniel Sanderson
Councillor John Weiland
Councillor Denis Chapman
Councillor Sara Faraj
Councillor Zane O'Keefe

AGAINST: Councillor George Seymour
Councillor Lachlan Cosgrove

ORD 16.2 Late Confidential Reports

Nil

There being no further business, the Meeting closed at 11.22am.

Confirmed at Ordinary Meeting No. 7/25 of the Fraser Coast Regional Council at Hervey Bay on 23 July 2025

.....
CHAIRPERSON

FRASER COAST REGIONAL COUNCIL
ORDINARY MEETING NO. 7/25

WEDNESDAY, 23 JULY 2025

SUBJECT:	OPEN RESOLUTIONS REGISTER - JULY 2025
DIRECTORATE:	ORGANISATIONAL SERVICES
RESPONSIBLE OFFICER:	DIRECTOR ORGANISATIONAL SERVICES
AUTHOR:	CORPORATE GOVERNANCE OFFICER
LINK TO CORPORATE PLAN:	Focused Organisation and Leadership. Demonstrate good leadership, and effective and ethical decision-making to foster confidence within our community.

1. PURPOSE

The purpose of this report is to provide Council with an update on the status of outstanding Council Resolutions.

2. EXECUTIVE SUMMARY

N/A

3. OFFICER'S RECOMMENDATION

That Council receive and note the Open Resolutions Register – July 2025 as per Attachment 1 (eDocs#3752248).

4. BACKGROUND & PREVIOUS COUNCIL CONSIDERATION

N/A

5. PROPOSAL

Attachment 1 provides details of the status of outstanding Council Resolutions at the reporting date.

6. FINANCIAL & RESOURCE IMPLICATIONS

N/A

7. POLICY & LEGAL IMPLICATIONS

N/A

8. RISK IMPLICATIONS

N/A

9. CRITICAL DATES & IMPLEMENTATION

N/A

10. CONSULTATION

N/A

11. CONCLUSION

N/A

12. ATTACHMENTS

1. Open Resolutions Register - July 2025 [↓](#)



OPEN RESOLUTIONS REGISTER

Directorate	Reference	Resolution Details	Target Date	Status
Ordinary Meeting No.12/22 –15 December 2022 (Docs#4703549)				
SC&D	ActID7055	<p>ORD 11.3.2 – Wetside Water Park Oceanview Boardwalk</p> <p>RESOLUTION (David Lee/Jade Wellings)</p> <ol style="list-style-type: none"> 1. That Council approve the removal of the Oceanfront Boardwalk at Wetside as detailed in the report. 2. That a report be provided to Council on options to make the beach and the coffee shop/cafe more accessible from WetSide. 3. That Council be provided with a report on the feasibility of constructing a revetment wall on Alignment A (Natural Alignment), pursuant to the GHD (2017) Consultancy Report. <p style="text-align: right;">Carried Unanimously</p>	<p>Revised Aug 2025</p> <p>Revised May 2025</p> <p>Revised Apr 2025</p> <p>Revised Mar 2025</p> <p>Revised Jan 2025</p> <p>Revised Dec 2024</p> <p>Revised Oct 2024</p> <p>Revised Aug 2024</p> <p>Initial Jun 2024</p>	<p>(Jul 25) Infrastructure Services provided brief on potential coastal protection options on 16 June 2025, which assists potential tabling of Council report at the August Ordinary Council Meeting.</p> <p>(Apr 25 – Jun 25) Impacts from recent weather events (including TC Alfred) are under investigation and will potentially delay tabling Council report until August Ordinary Council Meeting.</p> <p>(Feb 25 – Mar 25) The availability of suitable materials for coastal protection works are being assessed as part of the feasibility assessment for coastal protection works to protect the Wetside Water Park. Council report proposed to be tabled at the May Ordinary Council Meeting.</p> <p>(Dec 24 – Jan 25) Councillor briefing was held on 18 November 2024. Additional information is being collated for Council's further consideration.</p> <p>(Nov 24) A Councillor briefing on conceptual design is proposed for November, in advance of reports in relation to Items 2 and 3.</p> <p>(Oct 24) Concept plan received and under review.</p>



OPEN RESOLUTIONS REGISTER

Directorate	Reference	Resolution Details	Target Date	Status
				<p>(Sept 24) An internal working group is scheduled for 23 September to review this matter and undertake site inspection. Councillors will also visit the facility as part of an Esplanade Study Tour to be undertaken on 13 September 2024.</p> <p>(Aug 24) Survey data is under review as part of the investigating feasibility of potential coastal protection works and improved accessibility.</p> <p>(July 24) Survey has been recently undertaken, which will help to inform the investigation work already underway.</p> <p>(June 24) Demolition of the Boardwalk has been completed as planned and consultants have been engaged to investigate options and a feasibility assessment for potential coastal protection works.</p> <p>(May 24) Demolition of the Boardwalk will commence in May 2024. Demolition and removal will only occur for the pylons located below the observable Highest Astronomical Tide (HAT), as well as the substructure and decking installed to pylons above the HAT. The pylons located above the HAT will remain. Removal of the substructure and decking will be performed whilst working from the beach.</p> <p>(Apr 24) Item 1 completed by IS. Relevant officers from across the organisation have met to plan a course of action to</p>



OPEN RESOLUTIONS REGISTER

Directorate	Reference	Resolution Details	Target Date	Status
				<p>progress design of foreshore protection works subject to the 2024/25 budget deliberations.</p> <p>(Dec 23 - Mar 24) No change to current status.</p> <p>(Nov 23) Preliminary works associated with the relocation of services commenced on 6 August 2023 and are planned for completion by the end of February 2024. The removal of the superstructure and pier foundations will commence early March and be completed by 30 May 2024 with the final landscaping and reinstatement works completed by the end of June 2024.</p> <p>(Sep 23 – Oct 23) Item 2 has been programmed with new stairs planned to be installed adjacent the café. Items 1 and 3 will be considered in future years when funding is allocated to progress the project.</p> <p>(Jan 23 – Aug 23) Prior to developing a report to Council, it is proposed to list this matter for discussion at a future briefing session.</p>
Ordinary Meeting No.2/25 – 26 February 2025 (eDocs# 5169215)				
OS	ActID 8066	ORD 11.2.5 – Redevelopment Of Pialba and Torquay Caravan Parks RESOLUTION (Lachlan Cosgrove/Zane O'Keefe) That Council:	Revised Sept 2025 Initial Aug 2025	(Jul 25) <u>Item 1:</u> Tender Awarded, Contractor mobilisation to site – end July 2025. Recommend CLOSE Item 1. <u>Items 2-5:</u> Public Consultation planning still underway, target is mid-late September for consultation commencement.



OPEN RESOLUTIONS REGISTER

Directorate	Reference	Resolution Details	Target Date	Status
		<ol style="list-style-type: none"> Resume the redevelopment of the Pialba Caravan Park utilising the current park design. Endorse the development of concept layout plans for the Torquay Caravan Park, based on the two options outlined in this report with the following amendments to the Proposal; <ul style="list-style-type: none"> change the words “Key elements for layout plan development” to “options for consideration”. change Option A to “Open Space” and, delete the word “natural” from Option A goal. change the words “design scope to only encompass the current Torquay Caravan Park land Boundary” to “design scope to focus on current Torquay Caravan Park land, and also consider connectivity to the Sea Scouts Hall and Sailing Club on either side of the land”, in both Option A & B. 		<p>(Jun 25) <u>Item 1:</u> Pialba Tender awarded at Ord 05/25 Meeting. <u>Items 2-5:</u> Public Consultation planning in progress with internal departments.</p> <p>(May 25) <u>Item 1:</u> Pialba Tender closed and under Panel Assessment. <u>Items 2-5:</u> No change.</p> <p>(Apr 25) <u>Item 1:</u> Construction Tender for Pialba advertised and closes 17/4/2025. <u>Items 2-5:</u> Consultant engagement is being finalised for alternate uses for Torquay, concept plans and public consultation will follow.</p> <p>(Mar 25) Request for Quotation to develop concept plans has been drafted and appointment of consultant expected in late March 25. The tender for redevelopment of Pialba Caravan Park will be advertised in March 2025.</p>



OPEN RESOLUTIONS REGISTER

Directorate	Reference	Resolution Details	Target Date	Status
		3. Authorise the Chief Executive Officer to further engage with Councillors to develop a community consultation program at the Consult level as per the IAP2 public participation Spectrum. 4. Undertake community consultation to seek community feedback on the identified options for the Torquay Caravan Park. 5. Be provided with a further report with the outcomes of the community consultation. Carried (7/3)		
IS	ActID 8079	ORD 12.1 – Request for Report Regarding Community Garden Site on Endeavour Way, Eli Waters RESOLUTION (Lachlan Cosgrove/Daniel Sanderson) That Council be provided with a report that: <ol style="list-style-type: none"> Details the history, management & status of the community garden site on Endeavour Way, Eli Waters, and Provides options, including cost estimates, to decommission the site to provide improved community use and enjoyment. 	Initial Aug 2025	(Jul 25) Report to be prepared and submitted to the August 2025 Ordinary Council Meeting. (Jun 25) Report to be prepared and submitted to the August 2025 Ordinary Council Meeting. (Mar 25 – May 25) Report to be prepared and submitted to the August 2025 Ordinary Council Meeting.



OPEN RESOLUTIONS REGISTER

Directorate	Reference	Resolution Details	Target Date	Status
		Carried Unanimously		
Ordinary Meeting No.4/25 – 28 April 2025 (eDocs#5205157)				
IS	ActID 8185	ORD 9.1.1 – Request for Effective Drainage of Hyne, Queen and Warry Streets RESOLUTION (Daniel Sanderson/Phil Truscott) That the petition be received and referred to the Chief Executive Officer for consideration and a report to Council. Carried Unanimously	Initial Sep 2025	(Jul 25) Report to be prepared and submitted to the September 2025 Ordinary Council Meeting. (Jun 25) Report to be prepared and submitted to the September 2025 Ordinary Council Meeting. (May 25) Report to be prepared and submitted to the September 2025 Ordinary Council Meeting.
Ordinary Meeting No.5/25 – 28 May 2025 (eDocs#521796)				
S, C & D	ActID 8209	ORD 12.1 - Request for a report on the effectiveness of Council's Sun Smart Policy RESOLUTION (George Seymour/Paul Truscott) That a report be provided on the effectiveness of council's Sun Smart Policy since it was adopted on 22 August 2018 and, where identified, provide options for improvement to better realise the goals of the policy. Carried Unanimously	Initial Aug 2025	(Jul 25) Research and review of the policy has commenced with engagement with relevant internal teams to be undertaken as soon as staff resources permit. (Jun 25) Allocated to relevant officer to commence review of the policy.
IS	ActID 8211	ORD 12.3 - Request for Report on Feasibility of One-Way Street Trial in Adelaide Street, Maryborough RESOLUTION (Paul Truscott/Daniel Sanderson)	Initial Dec 2025	(Jul 25) Report to be prepared and submitted to the December 2025 Ordinary Council Meeting. (Jun 25) Report to be prepared and submitted to the December 2025 Ordinary Council Meeting.



OPEN RESOLUTIONS REGISTER

Directorate	Reference	Resolution Details	Target Date	Status
		That Council be provided with a report on the feasibility of conducting a one-way street trial in Adelaide Street, Maryborough between Ellena Street and Kent Street, using temporary infrastructure. Carried Unanimously		
Ordinary Meeting No.6/25 – 30 June 2025 (eDocs#3752248)				
IS	ActID 8275	ORD 9.1.2 Request for Council to Upgrade the Traffic Restrictions between Wetside and Beach Road RESOLUTION (Sara Faraj/Zane O'Keefe) That the petition be received and referred to the Chief Executive Officer for consideration and report to Council. Carried Unanimously	Initial Dec 2025	(Jul 25) Report to be prepared and submitted to the December 2025 Ordinary Council Meeting.
SC&D	ActID 8276	ORD 9.1.3 Request for Council action relating to excess water overflow from the development at Colyton Street, Torquay RESOLUTION (John Weiland/Sara Faraj) That the petition be received and referred to the Chief Executive Officer for consideration and a report to Council. Carried Unanimously	Initial Aug 2025	(Jul 25) Allocated to the Development Engineers to investigate.

**OPEN RESOLUTIONS REGISTER**

QUESTIONS ON NOTICE				
Directorate	Reference	Question Details	Target Date	Status
Nil	Nil	Nil	Nil	Nil

**FRASER COAST REGIONAL COUNCIL
ORDINARY MEETING NO. 7/25**

WEDNESDAY, 23 JULY 2025

SUBJECT: INFORMAL MEETINGS - RECORD OF MATTERS DISCUSSED
DIRECTORATE: OFFICE OF THE CEO
RESPONSIBLE OFFICER: CHIEF EXECUTIVE OFFICER
AUTHOR: EXECUTIVE ASSISTANT - COUNCILLORS

1. PURPOSE

The purpose of this report is to present Council with the record of matters discussed for Council Informal Meetings held 1 June 2025 to 30 June 2025.

2. EXECUTIVE SUMMARY

That Council note the following record of matters discussed for the following Informal Meetings:

1. Councillor and Executive Briefing held on 2 June 2025 - (Docs#5216886)
2. Council Concept Forum held on 4 June 2025 - (Docs#5218500)
3. Councillor and Executive Briefing held on 9 June 2025 - (Docs#5221273)
4. Councillor and Executive Briefing held on 16 June 2025 - (Docs#5225852)
5. Council Agenda Forum held on 18 June 2025 - (Docs#5238409)

3. RECOMMENDATION

That Council receive and note the record of matters discussed of Council Informal Meetings held between 1 June 2025 to 30 June 2025 as detailed in the attachments.

4. ATTACHMENTS

1. Record of Matters Discussed - Councillor and Executive Briefing held on 2 June 2025 (Docs#5216886) [↓](#)
2. Record of Matters Discussed - Council Concept Forum held on 4 June 2025 (Docs#5218500) [↓](#)
3. Record of Matters Discussed - Councillor and Executive Briefing held on 9 June 2025 (Docs#5221273) [↓](#)
4. Record of Matters Discussed - Councillor and Executive Briefing held on 16 June 2025 (Docs#5225852) [↓](#)
5. Record of Matters Discussed - Agenda Forum held on 18 June 2025 (Docs#5238409) [↓](#)



**COUNCILLOR AND EXECUTIVE BRIEFING
RECORD OF MATTERS DISCUSSED**

Monday 02 June 2025

10am

Docs#5216886

Councillors	Mayor Seymour Deputy Mayor Cr Faraj Cr Byrne Cr Phil Truscott Cr Paul Truscott Cr Sanderson Cr Cosgrove Cr Weiland Cr Chapman
CEO and Directors	Ken Diehm, Chief Executive Officer Gerard Carlyon, Acting Director Organisational Services Justine Cooper, Acting Director Strategy, Community and Development Davendra Naidu, Director Infrastructure Services Mark Vanner, Director Water and Waste Services
Apologies	Cr Govers – Leave Cr O’Keefe - Absent
Attendance	Scott Whitby – Manager Marketing & Communications Lisa Stevenson – Manager Cultural Services Joyce Chorny – Executive Manager Community & Culture Sarah Thomson – Hervey Bay Regional Gallery Director Michaela Davis – Regional Event Officer Debra Howe - Contractor Marion Millard – Executive Manager Financial Services Tyson Deller - Manager Budgeting & Strategic Accounting

BUSINESS ITEMS

1. Conflicts of Interest

NIL

2. List of Topics Discussed

- **Item 1** – Record of Matters Discussed 26 May 2025
- **Item 2** – Outstanding Action List
- **Item 3** – Councillor Spokesperson Timetable
- **Item 4** – Art and Heritage Collection Policy
- **Item 5** - Markets at the Pier Site Expansion – Saturday Market Only

- **Item 6** - Hillyard Street Site
- **Item 7** – General Business
- **General Business 1** – Qld Government - Secure Communities Partnership Program
- **General Business 2** - LQAG Motions
- Mayor Seymour left the meeting at 11.35am
- 11.35 Meeting adjourned for lunch break
- 12.30 Meeting resumed from lunch break
- Mayor Seymour rejoined the meeting at 12.47pm
- **Item 8** – 25/26 Budget
- Cr Paul Truscott retired from the meeting at 1.03pm
- **Item 9** – Distributed Briefing Notes
- **Item 10**– Media Update
- **Item 11** – Concept Forum topics and Projects of Interest
- **Item 12** - Meeting Review

3. Further Information Sought or Provided

- **Item 6 – Hillyard St Site** – The Director Strategy, Community and Development to provide Councillors with the proposed timeline conditions included in sale of land contract.

MEETING CLOSED 1.40pm



**COUNCIL CONCEPT FORUM
RECORD OF MATTERS DISCUSSED**

Wednesday 4 June 2025

9am

Docs#5218500

Councillors	Mayor Seymour Deputy Mayor Faraj Cr Byrne Cr Phil Truscott Cr Paul Truscott Cr Sanderson Cr Cosgrove Cr Weiland Cr Chapman Cr O'Keefe
CEO and Directors	Ken Diehm, Chief Executive Officer Gerard Carlyon, Director Organisational Services Davendra Naidu, Director Infrastructure Services Mark Vanner, Director Water and Waste Services Justine Cooper, Director Strategy, Community and Development
Apologies	Cr Govers – Leave
Attendance:	Rosalyn Acworth, Executive Manager Strategy & Sustainability Sam Smith, Manager Sustainability Ashleigh McMillan, Senior Strategic Planner Paul Rice, Senior Planner - Environment & Sustainability

BUSINESS ITEMS

1. Conflicts of Interest

Nil

2. List of Topics Discussed

- Sustainability Portfolio Build & Climate Risk

Cr Paul Truscott retired from the meeting at 9.45am

Cr O'Keefe retired from the meeting at 11.05am

3. Further Information Sought or Provided

MEETING CLOSED 11.51am



**COUNCILLOR AND EXECUTIVE BRIEFING
RECORD OF MATTERS DISCUSSED**

Monday 09 June 2025

9.50am

Docs#5221273

Councillors	Mayor Seymour Deputy Mayor Cr Faraj Cr Byrne Cr Paul Truscott Cr Sanderson Cr Govers Cr Cosgrove Cr Weiland Cr Chapman
CEO and Directors	Ken Diehm, Chief Executive Officer Gerard Carlyon, Acting Director Organisational Services Justine Cooper, Acting Director Strategy, Community and Development Davendra Naidu, Director Infrastructure Services Mark Vanner, Director Water and Waste Services
Apologies	Cr Phil Truscott – Leave Cr O’Keefe - Leave
Attendance	FCTE Board Debra Howe - Contractor James Cockburn - Executive Manager Development

BUSINESS ITEMS

1. Conflicts of Interest

NIL

2. List of Topics Discussed

- **Item 1** – Record of Matters Discussed 2 June 2025
- **Item 2** – Outstanding Action List
- **Item 3** – Council’s submission to the Parliamentary Inquiry into e-mobility safety and usage in Queensland
- **Item 4** – FCTE Board Discussion
- **Item 5** - FCRC Development Industry – Memorandum of Understanding
- **Item 6** - General Business
- **General Business 1** – Development Applications of Interest

- **General Business 2** - Development Appeals Update
- **Item 7** – Distributed Briefing Notes
- **Item 8**– Media Update
- **Item 9** – Concept Forum topics and Projects of Interest
- **Item 10** - Meeting Review

3. Further Information Sought or Provided

Nil

MEETING CLOSED 11.40am



**COUNCILLOR AND EXECUTIVE BRIEFING
RECORD OF MATTERS DISCUSSED**

Monday 16 June 2025

10am

Docs#5225852

Councillors	Mayor Seymour Deputy Mayor Cr Faraj Cr Byrne Cr Phil Truscott Cr Paul Truscott Cr Sanderson Cr Govers Cr Cosgrove Cr Weiland Cr Chapman
CEO and Directors	Ken Diehm, Chief Executive Officer Gerard Carlyon, Acting Director Organisational Services Justine Cooper, Acting Director Strategy, Community and Development Davendra Naidu, Director Infrastructure Services Mark Vanner, Director Water and Waste Services
Apologies	Cr O'Keefe - Leave
Attendance	Debra Howe – Contractor Jarrod Delahunty - Manager Economic Development Michael Campbell – Lucid Consultants Rob Hazzard – Executive Manager Capital Delivery Damion Beety - Principal Engineer Roads Craig Bottcher - Manager Design

BUSINESS ITEMS

1. Conflicts of Interest

NIL

2. List of Topics Discussed

- **Item 1** – Record of Matters Discussed 9 June 2025
- **Item 2** – Outstanding Action List
- **Item 3** – Draft Economic Development Strategy
- **Item 4** – Concrete Steps at Wetside and Upcoming Projects in Capital Delivery
- Cr Paul Truscott retired from the meeting at 11.35am
- **Item 5** - Procurement Council Policy

- **Item 6** - General Business
- **Item 7** – Distributed Briefing Notes
- **Item 8**– Media Update
- **Item 9** – Concept Forum topics and Projects of Interest
- **Item 10** - Meeting Review

3. Further Information Sought or Provided

Nil

MEETING CLOSED 11.49am



**RECORD OF MATTERS DISCUSSED AT THE COUNCIL AGENDA FORUM MEETING NO. 6/25
HELD IN THE FRASER COAST REGIONAL COUNCIL CHAMBERS, HERVEY BAY COUNCIL CHAMBERS,
TAVISTOCK STREET, HERVEY BAY
ON WEDNESDAY, 18 JUNE 2025 COMMENCING AT 10:00 AM**

PRESENT:

Councillor Michelle Byrne
Councillor Phil Truscott
Councillor Paul Truscott
Councillor Daniel Sanderson
Councillor Michelle Govers
Councillor John Weiland
Councillor Denis Chapman
Councillor Sara Faraj (Chairperson)

STAFF IN ATTENDANCE: Chief Executive Officer, Mr Ken Diehm
(Acting) Director Organisational Services, Mr Gerard Carlyon
(Acting) Director Strategy, Community & Development, Justine Cooper
Director Infrastructure Services, Mr Davendra Naidu
(Acting) Director Water & Waste Services, Mr Umur Natis-Yildiz
Meeting Secretary, Ms Bianca Wilson
Meeting Secretary, Ms Chloe Hansen

CAF 1 APOLOGIES

The Council noted the apologies of Mayor George Seymour, Councillor Zane O'Keefe, Councillor Lachlan Cosgrove.

CAF 2 DISCLOSURE OF INTERESTS

Nil

CAF 3 ORDINARY MEETING AGENDA

The following discussion and questions occurred:

ORD 4 MAYORAL MINUTES

ORD 4.1 Maryborough Baby Clinic External Renovations

Councillors received and considered the report titled Maryborough Baby Clinic External Renovations dated 30 June 2025.

ORD 4.2 Suspending The Animal Inspection Program

Councillors received and considered the report titled Suspending The Animal Inspection Program dated 30 June 2025 and noted the following requests for further information:

1. Councillor Paul Truscott requested further information in relation to:
 - a. The date that the Animal Inspection program was endorsed by Council.
 - b. The date that the Domestic Animal Management Strategy was adopted by Council.
 - c. The duration of the Animal Inspection Program
 - d. The outcomes from the Animal Inspection Program
 - e. Councillors being provided with a copy of the legal advice received by Council.
2. Councillor Michelle Govers requested further information in relation to whether Council has received any formal complaints in relation to the Animal Inspection Program.
3. Councillor Michelle Bryne requested further information in relation to whether any other Council's undertake similar Animal Inspection Programs.

ORD 5 CONFIRMATION OF MINUTES OF MEETINGS

ORD 5.1 Ordinary Meeting No.5/25 – 28 May 2025

Councillors received and considered the Minutes of the Ordinary Council meeting No.5/25 on 28 May 2025.

ORD 5.2 Special Meeting No.2/25 – 11 June 2025

Councillors received and considered the Minutes of the Special Council meeting No.2/25 on 11 June 2025.

ORD 6 OUTSTANDING ACTIONS

ORD 6.1 Open Resolutions Register - June 2025

Councillors received and considered the report titled Open Resolutions Register - June 2025 dated 30 June 2025.

ORD 7 ADDRESSES/PRESENTATIONS

ORD 7.1 Community presentations

Nil

ORD 8 DEPUTATIONS

Nil

ORD 9 PETITIONS

ORD 9.1 Receipt of Petitions

Nil

ORD 10 COMMITTEES' REPORTS

ORD 10.1 Environment & Sustainability Advisory Committee Meeting Minutes - 7 April 2025

Councillors received and considered the report titled Environment & Sustainability Advisory Committee Meeting Minutes - 7 April 2025 dated 30 June 2025.

ORD 10.2 Traffic Advisory Committee Minutes - 6 May 2025

Councillors received and considered the report titled Traffic Advisory Committee Minutes - 6 May 2025 dated 30 June 2025.

ORD 10.3 Informal Meetings - Record of Matters Discussed

Councillors received and considered the report titled Informal Meetings - Record of Matters Discussed dated 30 June 2025

ORD 10.4 Water and Waste Services Advisory Committee Meeting Minutes - 22 May 2025

Councillors received and considered the report titled Water and Waste Services Advisory Committee Meeting Minutes - 22 May 2025 dated 30 June 2025.

ORD 10.5 Fraser Coast Regional Council Audit and Risk Committee Meeting Minutes - 27 May 2025

Councillors received and considered the report titled Fraser Coast Regional Council Audit and Risk Committee Meeting Minutes - 27 May 2025 dated 30 June 2025.

ORD 10.6 Mary to Bay Rail Trail Advisory Committee Meeting Minutes - 8 May 2025

Councillors received and considered the report titled Mary to Bay Rail Trail Advisory Committee Meeting Minutes - 8 May 2025 dated 30 June 2025.

ORD 10.7 Arts Culture and heritage Advisory Committee Minutes - 20 May 2025

Councillors received and considered the report titled Arts Culture and heritage Advisory Committee Minutes - 20 May 2025 dated 30 June 2025.

ORD 11 OFFICERS' REPORTS

ORD 11.1.1 Councillor Meeting Attendance for July 2025

Councillors received and considered the report titled Councillor Meeting Attendance for July 2025 dated 30 June 2025.

ORD 11.2.1 Audit and Risk Committee membership

Councillors received and considered the report titled Audit and Risk Committee membership dated 30 June 2025.

ORD 11.2.2 Request for Community Leases - Maryborough Showgrounds

Councillors received and considered the report titled Request for Community Leases - Maryborough Showgrounds dated 30 June 2025.

ORD 11.2.3 New Policy - Business Continuity Council Policy

Councillors received and considered the report titled New Policy - Business Continuity Council Policy dated 30 June 2025.

ORD 11.2.4 Amended Policy - Entertainment and Hospitality Council Policy

Councillors received and considered the report titled Amended Policy - Entertainment and Hospitality Council Policy dated 30 June 2025.

ORD 11.2.5 Amended Policy - Competitive Neutrality Complaints Council Policy

Councillors received and considered the report titled Amended Policy - Competitive Neutrality Complaints Council Policy dated 30 June 2025.

ORD 11.2.6 Amended Policy - Non-Current Assets Council Policy

Councillors received and considered the report titled Amended Policy - Non-Current Assets Council Policy dated 30 June 2025.

ORD 11.2.7 Amended Policy - Refurbishment Concession Council Policy

Councillors received and considered the report titled Amended Policy - Refurbishment Concession Council Policy dated 30 June 2025.

ORD 11.2.8 Amended Policy - Debt Recovery Council Policy

Councillors received and considered the report titled Amended Policy - Debt Recovery Council Policy dated 30 June 2025.

ORD 11.2.9 Amended Policy - Financial Hardship Council Policy

Councillors received and considered the report titled Amended Policy - Financial Hardship Council Policy dated 30 June 2025.

ORD 11.2.10 Amended Policy - Water Charge Relief Council Policy

Councillors received and considered the report titled Amended Policy - Water Charge Relief Council Policy dated 30 June 2025.

ORD 11.2.11 Amended Policy - Pensioner Concession Council Policy

Councillors received and considered the report titled Amended Policy - Pensioner Concession Council Policy dated 30 June 2025.

ORD 11.2.12 Amended Policy - Community Groups Concession Council Policy

Councillors received and considered the report titled Amended Policy - Community Groups Concession Council Policy dated 30 June 2025.

ORD 11.2.13 Amended Policy - Principal Place of Residence Council Policy

Councillors received and considered the report titled Amended Policy - Principal Place of Residence Council Policy dated 30 June 2025.

ORD 11.2.14 Councillor Discretionary Funds Council Policy & Expenses Reimbursement & Provision of Facilities for Mayors & Councillors Council Policy

Councillors received and considered the report titled Councillor Discretionary Funds Council Policy & Expenses Reimbursement & Provision of Facilities for Mayors & Councillors Council Policy dated 30 June 2025.

ORD 11.3.1 New Policy - Art and Heritage Collections Council Policy

Councillors received and considered the report titled New Policy - Art and Heritage Collections Council Policy dated 30 June 2025.

ORD 11.3.2 Amended Policy - Community Grants Policy

Councillors received and considered the report titled Amended Policy - Community Grants Policy dated 30 June 2025.

ORD 11.4.1 Amended Policy - Vehicle Crossover (Driveway) Council Policy

Councillors received and considered the report titled Amended Policy - Vehicle Crossover (Driveway) Council Policy dated 30 June 2025 and noted the following request for information:

1. Councillor Denis Chapman requested further information in relation to Councillors being provided with a copy of the data sheet and details on how many Vehicle Crossover (Driveway) applications were received in the last 12 months.

ORD 11.4.2 Amended Policy - Conservation Area Rates Concession Council Policy

Councillors received and considered the report titled Amended Policy - Conservation Area Rates Concession Council Policy dated 30 June 2025.

ORD 11.4.3 Amended Policy - Disaster Management and Resilience Levy

Councillors received and considered the report titled Amended Policy - Disaster Management and Resilience Levy dated 30 June 2025.

ORD 11.5.1 Fraser Coast Waste Strategy 2019-2029 Interim Review

Councillors received and considered the report titled Fraser Coast Waste Strategy 2019-2029 Interim Review dated 30 June 2025.

ORD 11.5.2 Amended Policy - Waste Management Fee Concession Council Policy

Councillors received and considered the report titled Amended Policy - Waste Management Fee Concession Council Policy dated 30 June 2025.

ORD 12 MATTERS/MOTIONS OF WHICH DUE NOTICE HAS BEEN GIVEN

ORD 12.1 Moira Hansen OAM - Medal of the Order of Australia

Councillors received and considered the report titled Moira Hansen OAM - Medal of the Order of Australia dated 30 June 2025.

ORD 13 QUESTIONS ON NOTICE

Nil.

ORD 14 GENERAL BUSINESS

Nil.

ORD 15 CONFIDENTIAL

RESOLUTION (Michelle Govers/Michelle Byrne)

That Council move into Closed Session for discussion of the following confidential agenda items for the reasons:

1. ORD 15.1 - Land Acquisition - Purser Road, Dundowran - Lower Mountain Road to 400m south - Road Reconstruction.
2. ORD 15.2 - Exemption under s235 b) Local Government Regulation 2012 for the Provision of Performance and Risk Management Software.
3. ORD 15.3 - CHRIS21 and T1AMS Contract Exemptions.
4. ORD 15.4 - Change of Entity for Contract of Sale for Tender - 7-19 Hillyard Street Pialba

Carried Unanimously

RESUMPTION OF OPEN MEETING

RESOLUTION (Paul Truscott/Michelle Govers)

That the meeting resume in open meeting.

Carried Unanimously

ORD 15.1 Land Acquisition - Purser Road, Dundowran - Lower Mountain Road to 400m south - Road Reconstruction

Councillors received and considered the report titled Land Acquisition - Purser Road, Dundowran - Lower Mountain Road to 400m south - Road Reconstruction dated 30 June 2025.

ORD 15.2 Exemption under s235 b) Local Government Regulation 2012 for the Provision of Performance and Risk Management Software

Councillors received and considered the report titled Exemption under s235 b) Local Government Regulation 2012 for the Provision of Performance and Risk Management Software dated 30 June 2025.

ORD 15.3 CHRIS21 and T1AMS Contract Exemptions

Councillors received and considered the report titled CHRIS21 and T1AMS Contract Exemptions dated 30 June 2025.

ORD 15.4 Change of Entity for Contract of Sale for Tender - 7-19 Hillyard Street Pialba

Councillors received and considered the report titled Change of Entity for Contract of Sale for Tender - 7-19 Hillyard Street Pialba dated 30 June 2025.

There being no further business, the Meeting closed at 10.42am.

Confirmed at Ordinary Meeting No. 7/25 of the Fraser Coast Regional Council at Hervey Bay on 23 July 2025.

**FRASER COAST REGIONAL COUNCIL
ORDINARY MEETING NO. 7/25**

WEDNESDAY, 23 JULY 2025

**SUBJECT: WATER AND WASTE SERVICES ADVISORY COMMITTEE
MEETING MINUTES - 20 JUNE 2025**

DIRECTORATE: WATER & WASTE SERVICES

RESPONSIBLE OFFICER: DIRECTOR WATER & WASTE SERVICES

AUTHOR: EXECUTIVE ASSISTANT

1. PURPOSE

The purpose of this report is to present Council with the Minutes of the Water and Waste Services Advisory Committee meeting held on 20 June 2025.

2. EXECUTIVE SUMMARY

The Water and Waste Services Advisory Committee is a Local Government Committee appointed under s264 of the *Local Government Regulation 2012* to provide governance oversight and performance monitoring of the Water and Waste Directorate.

The Minutes of the Advisory Committee meeting held on 20 June 2025 are presented to Council in accordance with the Committees Charter.

3. RECOMMENDATION

That Council receive and note the Minutes of the Water and Waste Services Advisory Committee Meeting held on 20 June 2025 as detailed in Attachment 1.

4. ATTACHMENTS

1. Minutes of Water and Waste Services Advisory Committee Meeting – 20 June 2025 (eDOCS #5230152) [↓](#)



MINUTES OF THE WATER AND WASTE ADVISORY COMMITTEE MEETING NO. 5/25
held in the Fraser Coast Regional Council Chambers, Tavistock Street, Hervey Bay
on Friday, 20 June 2025 commencing at 8:00 AM.

PRESENT:

Chairperson Peter Borrows
Member Janice Wilson (Online)
Member Paul Heaton
Member Michelle Byrne

STAFF IN ATTENDANCE:

Director Water & Waste Services, Mr Mark Vanner
Executive Manager Process Operations, Mr Cameron Ansell
Executive Manager Engineering & Technical Services, Mr Trevor Dean
Executive Manager Network Operations and Maintenance, Mr Darren Smith
Executive Manager Resource Recovery Services, Mr Umur Natus-Yildiz
Business Services Manager, Mrs Megan Gibbs
Executive Manager Financial Services, Ms Marion Millard
Acting Director Organisational Services, Mr Paul Fendley
Manager Assets and Maintenance, Mr Matthew Cook
Manager Strategic Frameworks (Assets & Projects), Mr Hanno Van Der Merwe
Meeting Secretary, Mrs Nic Puli

WWS 1

APOLOGIES

Member Zane O'Keefe
Chief Executive Officer, Mr Ken Diehm
Director Organisational Services, Mr Gerard Carlyon

WWS 2 DISCLOSURE OF INTERESTS
Nil

SAFETY & VALUES MOMENT

The Executive Manager Network Operations and Maintenance advised the Committee of a couple of recent safety incidences that occurred and provided an overview of the current processes in place and opportunities for improvement.

The Executive Manager Process Operations acknowledged the Business Services Manager for her efforts in assisting the Process Operations team with some overdue documents.

The Executive Manager Resource Recovery Services thanked the Business Services Manager for acting in his position while on leave and keeping the Resource Recovery Services team running smoothly.

The Director of Water and Waste Services expressed his heartfelt appreciation to the entire Water and Waste Directorate Team, acknowledging their unwavering dedication to the directorate and the broader community over his eighteen and a half years of service. He reflected on his tenure with gratitude, highlighting the collaborations and commitment demonstrated by all staff within the Directorate to continue services to the community as a defining moment of his time at Council.

WWS 3 CONFIRMATION OF MINUTES OF MEETINGS

WWS 3.1 Water and Waste Advisory Committee Meeting No. 4/25 – 22 May 2025

RESOLUTION (Janice Wilson/Paul Heaton)

That the minutes of the Water and Waste Advisory Committee Meeting No. 4/25 held on 22 May, 2025 be confirmed.

WWS 4 OUTSTANDING ACTIONS

Outstanding action updates were taken as read.

WWS 5 OFFICERS' REPORTS

WWS 5.1 Flying Minute - Final Annual Performance Plan 2025/26

RESOLUTION (Janice Wilson/Michelle Byrne)

That the Water and Waste Services Advisory Committee:

1. Confirm the Flying Minute issued on 2 June 2025, seeking the Committee to endorse the final Wide Bay Water Annual Performance Plan 2025/26 (Attachment 1).

WWS 5.2 Financial Impact - Asset Management Plan 05 - Water Network Assets

RESOLUTION (Janice Wilson/Paul Heaton)

That the Water and Waste Services Advisory Committee:

1. Note the potential impact of the DRAFT Water Network Assets, Asset Management Plan (AMP - 05) on the approved 10 Year CAPEX Budget.
2. Note the timeframe and subsequent actions needed to complete the Water Network Assets, Asset Management Plan (AMP – 05).

WWS 5.3 Improvement of Landfill Fleet Reliability

RESOLUTION (Michelle Byrne/Janice Wilson)

That the Water and Waste Services Advisory Committee:

1. Receive and note the status of the landfill fleet improvement initiative and note that the actions will be worked through with both the Resource Recovery Services and Fleet teams.
2. Requests that as part of the implementation of actions, consideration be given to:
 - a. Broader regional heavy plant servicing solutions to improve market response should Council explore external servicing further.
 - b. Exploring the use of Procurement Consideration Plans should there be interest with other regional councils for heavy plant servicing opportunities, and
 - c. Providing regular updates in the monthly Directorate report on the progress of the workshop actions and Procurement Consideration Plans.

WWS 5.4 Directorate Performance Report - May 2025

RESOLUTION (Paul Heaton/Peter Borrows)

That the Water and Waste Services Advisory Committee receive and note the Directorate Performance Report for the month of May 2025.

WWS 6 GENERAL BUSINESS

Member Paul Heaton provided an overview of his observations and comments on the reports presented to the Committee following his attendance at the last couple of meetings. The Committee agreed that Member Paul Heaton would table a discussion paper at a future roundtable meeting for the Committee and Executive Leadership teams' consideration on reporting enhancements, which will be listed as a topic on the future roundtable list.

The Chair advised that following today's meeting, a meeting efficiency survey will be distributed to the committee and attendees for completion, and the results to be presented at the August meeting.

WWS 7 CONFIDENTIAL REPORTS

WWS 7.1 Strategic Land Purchase - Hervey Bay Recycled Water Expansion

RESOLUTION (Paul Heaton/Janice Wilson)

That the Water and Waste Services Advisory Committee:

1. That the report/attachment be deemed a confidential document and be treated as such in accordance with sections 171 and 200 of the *Local Government Act 2009* and that the document remain confidential unless Council decides otherwise by resolution.
2. Endorse the strategic land purchase for Council consideration.

WWS 8 LATE ITEMS

WWS 8.1 Late Open Reports

Nil

WWS 8.2 Late Confidential Reports

There being no further business, the Meeting closed at 10:09AM.

Confirmed that the next Water and Waste Services Advisory Committee Meeting will be held on 22 August 2025.

.....
Chairperson

**FRASER COAST REGIONAL COUNCIL
ORDINARY MEETING NO. 7/25****WEDNESDAY, 23 JULY 2025**

SUBJECT:	COUNCILLOR MEETING ATTENDANCE FOR AUGUST 2025
DIRECTORATE:	OFFICE OF THE CEO
RESPONSIBLE OFFICER:	CHIEF EXECUTIVE OFFICER
AUTHOR:	EXECUTIVE ASSISTANT - COUNCILLORS
LINK TO CORPORATE PLAN:	Focused Organisation and Leadership. Demonstrate good leadership, and effective and ethical decision-making to foster confidence within our community.

1. PURPOSE

The purpose of this report is to approve the relevant meetings as per the Councillor Code of Conduct and Councillor Attendance Policy.

2. EXECUTIVE SUMMARY

This report will outline Councillor's responsibility to meet the standards set out in the Code of Conduct for Councillors in Queensland by listing meetings, briefings, workshops, and training opportunities each month.

3. OFFICER'S RECOMMENDATION

That Council:

1. Approve the following meetings for the period 1 August 2025 to 31 August 2025 as relevant meetings which require the attendance and meaningful participation of all Councillors as per the Councillor Code of Conduct and Councillor Attendance Policy:

Date of Meeting	Time of Meeting	Meeting
4 August 2025	10.00am	Councillor and Executive Briefing
6 August 2025	9.00am	Council Concept Forum
11 August 2025	10.00am	Councillor and Executive Briefing
13 August 2025	9.00am	Council Concept Forum
18 August 2025	10.00am	Councillor and Executive Briefing
20 August 2025	10.00am	Council Agenda Forum
25 August 2025	10.00am	Councillor and Executive Briefing
27 August 2025	9.00am	Community Presentations

2. Note the requirement to attend the Ordinary Meeting scheduled for 27 August 2025.

4. BACKGROUND & PREVIOUS COUNCIL CONSIDERATION

Council adopted the Councillor Attendance Policy on 28 August 2024 which sets out Council's expectation of a Councillor to carry out their responsibilities as described in the Code of Conduct for Councillors in Queensland relating to meetings, briefings, relevant workshops, and training opportunities.

The policy requires Council to approve at each Ordinary Meeting of Council a list of meetings that are considered to be relevant for Councillors to attend for the following month.

5. PROPOSAL

It is proposed that the following meetings are considered relevant for all Councillors to attend:

Date of Meeting	Time of Meeting	Meeting
4 August 2025	10.00am	Councillor and Executive Briefing
6 August 2025	9.00am	Council Concept Forum
11 August 2025	10.00am	Councillor and Executive Briefing
13 August 2025	9.00am	Council Concept Forum
18 August 2025	10.00am	Councillor and Executive Briefing
20 August 2025	10.00am	Council Agenda Forum
25 August 2025	10.00am	Councillor and Executive Briefing
27 August 2025	9.00am	Community Presentations

6. FINANCIAL & RESOURCE IMPLICATIONS

N/A

7. POLICY & LEGAL IMPLICATIONS

Head of Power is the *Local Government Act 2009* and the Councillor Attendance Policy.

8. RISK IMPLICATIONS

N/A

9. CRITICAL DATES & IMPLEMENTATION

N/A

10. CONSULTATION

Consultation has taken place with relevant Directors and Councillors.

11. CONCLUSION

The report details the meetings for the following month that Councillors are expected to attend.

12. ATTACHMENTS

Nil

FRASER COAST REGIONAL COUNCIL
ORDINARY MEETING NO. 7/25

WEDNESDAY, 23 JULY 2025

SUBJECT:	2024/25 OPERATIONAL PLAN PROGRESS REPORT - APRIL TO JUNE 2025
DIRECTORATE:	ORGANISATIONAL SERVICES
RESPONSIBLE OFFICER:	DIRECTOR ORGANISATIONAL SERVICES
AUTHOR:	CORPORATE GOVERNANCE OFFICER
LINK TO CORPORATE PLAN:	Focused Organisation and Leadership. Demonstrate good leadership, and effective and ethical decision-making to foster confidence within our community.

1. PURPOSE

The purpose of this report is to present the final progress report on the implementation of the 2024/25 Operational Plan.

2. EXECUTIVE SUMMARY

The Progress Report for the April to June 2025 period is the final report for the 2024/25 year and is provided for Council's information. A total of fifty-two (52) initiatives were reported on during the period. Forty (40) initiatives achieved at least 90% of initiative target during the reporting period. Overall, 76.9% of initiatives achieved at least 90% of initiative target.

The final progress report also identifies initiatives that are no longer required to be completed, initiatives already captured in the 2025/26 Operational Plan and initiatives that are captured and reviewed as part of another strategy. It is recommended that these initiatives be considered finalised with no further reporting to Council.

3. OFFICER'S RECOMMENDATION

That Council:

1. Receive and note the 2024/25 Operational Plan Progress Report for the period ending 30 June 2025 (**Attachment 1**).
2. Note that outstanding items from the 2024/25 Operational Plan will not be transferred to the 2025/26 Operational Plan and no further reporting to Council will occur for these items.

4. BACKGROUND & PREVIOUS COUNCIL CONSIDERATION

On 28 June 2023, Council adopted the 2023-2028 Corporate Plan, which provides a clear framework to Council in decision-making and policy directions, prioritising and delivering services, programs, projects, and facilities to the community.

The 2024/25 Operational Plan was adopted on 19 June 2024 and translates priorities from the Corporate Plan into measurable activities for the year ahead.

5. PROPOSAL

The Progress Report (**Attachment 1**) for the April to June 2025 period is the final report for the 2024/25 year and is provided for Council's information.

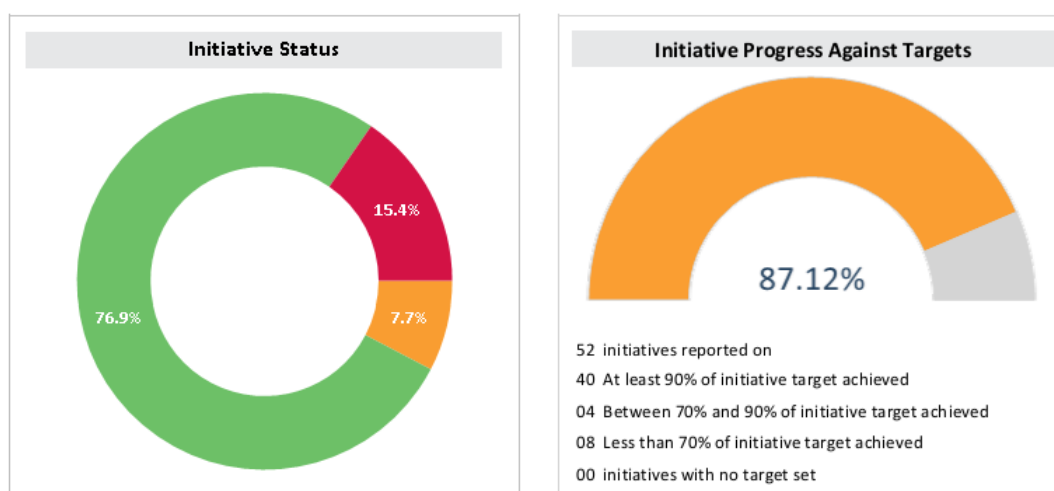
5.1 Performance Summary

- 52 initiatives were reported on.
- 40 initiatives achieved at least 90% of initiative target (Green)
- 4 initiatives achieved between 70% and 90% of initiative target (Amber)
- 8 initiatives achieved less than 70% of initiative target (Red)

INITIATIVE SUMMARY

By Performance

40 On Track | 8 Off Track | 4 Monitor | 0 Not Applicable



5.2 Final Progress Report Overview and Actions Proposed

It is noted that 12 initiatives did not achieve at least 90% of the initiative target.

Attachment 2 sets out the initiatives that did not achieve at least 90% of initiative target in the reporting period. The report identifies:

- 4 initiatives that achieved at least 70% of the target.
- 4 initiatives that are captured in 25/26 Operational Plan.

- 4 initiatives that that were either:
 - a) Deferred due to changing priorities, delays, new strategies, or lack of funding;
 - b) Ongoing;
 - c) Part of a multi-year or high-profile project with other oversight mechanisms.

6. FINANCIAL & RESOURCE IMPLICATIONS

N/A

7. POLICY & LEGAL IMPLICATIONS

Section 174(3) of the *Local Government Regulation 2012* states that the Chief Executive Officer must:

174 Preparation and adoption of annual operational plan

“(3) The chief executive officer must present a written assessment of the local government’s progress towards implementing the annual operational plan at meetings of the local government held at regular intervals of not more than 3 months.”

In accordance with section 174 (4) of the *Local Government Regulation 2012*, a local government may, by resolution, amend its annual operational plan at any time before the end of the financial year.

8. CRITICAL DATES & IMPLEMENTATION

N/A

9. CONSULTATION

Consultation has taken place with Council’s Executive Team and senior staff in preparation of the Quarterly Progress Report.

10. CONCLUSION

The progress report on implementation of the annual Operational Plan for the period April to June 2025 has been prepared with appropriate consultation and in accordance with relevant legislation, ensuring that Council is accountable and effectively managed.

11. ATTACHMENTS

1. 2024/25 Operational Plan Progress Report [↓](#)
2. Initiatives that did not achieve at least 90% of initiative target [↓](#)



2024/25

Operational Plan Progress Report for the period ending 30 June, 2025

Print Date: 10-Jul-2025



OVERVIEW

INITIATIVE SUMMARY

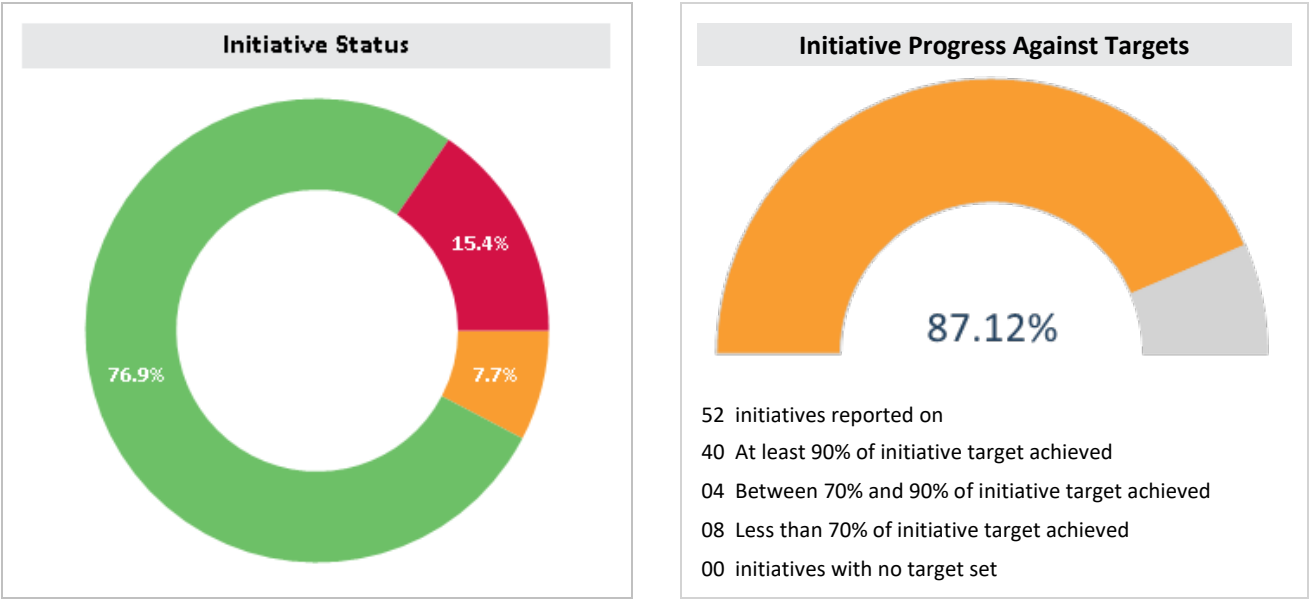
By Performance

40 On Track

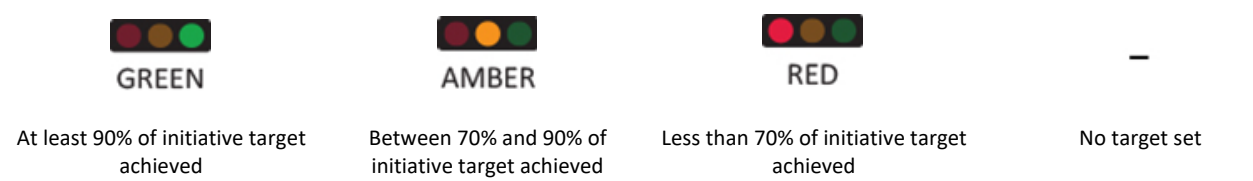
8 Off Track

4 Monitor

0 Not Applicable



INITIATIVE PLANS



* Dates have been revised from the Original dates



Infrastructure Services

- Capital Delivery
- Infrastructure Operations
- Infrastructure Engineering
- Open Space and Environment


Infrastructure Services

Capital Delivery

Capital Delivery

Initiative Title: 1.5.3.11 Capital Delivery Core Business Activity Update

Core Business Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Robert Hazzard - Executive Manager Capital Delivery	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: In the fourth quarter, the Capital Delivery program achieved several key milestones, including the completion of the Burrum Heads Beachfront Tourist Park Redevelopment, the Urangan Pier Restoration Works, and the Urangan Revetment Wall (from Pier Park to 150 metres east).

In addition to these completed projects, works are progressing well on several major initiatives. The Fraser Coast Sports and Recreation Precinct Basketball and Community Facility is nearing completion, and construction of the roundabout at the intersection of Madsen Road, Chapel Road, and Woods Road has reached 50% completion.

Construction of the Hervey Bay Community Hub continues to progress well, although works have been impacted by extreme wet weather conditions associated with Ex-Tropical Cyclone Alfred.

Last Updated: 13-Jun-2025

Infrastructure Engineering

Infrastructure Engineering

Initiative Title: 1.2.1.15 Commission traffic modelling for the development of the Fraser Coast Integrated Transport Strategy (FITS)

Strategic Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
John McLennan - Executive Manager Infrastructure Engineering	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: This is a multi-year partnership project where Council pays an amount each year to progress the project. Council's partnership contribution has been paid and the project has commenced community consultation and feedback through Council's engagement hub. 100% complete for the 24/25 FY.

Last Updated: 30-Jun-2025

Initiative Title: 1.2.4.2 Commence a flood inundation and risk study for the Mary River to inform the new Planning Scheme

Strategic Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
John McLennan - Executive Manager Infrastructure Engineering	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: This is a multi-year project that is funded by Queensland Reconstruction Authority (QRA) due to be completed by June 2026.

Phase 1 of the study completed.

Phase 2 has been peer review by QRA.

Draft reporting in progress.

Project is on track and complete for the 24/25 FY and included in the 25/26 FY.

Last Updated: 30-Jun-2025

Initiative Title: 1.2.4.3 Commence a flood inundation and risk study for the Burrum and Cherwell Rivers to inform the new Planning Scheme

Strategic Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
John McLennan - Executive Manager Infrastructure Engineering	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: This is a multi-year project that is funded by Queensland Reconstruction Authority (QRA) due to be completed by June 2026.


Draft report with Council for review.

The project is complete for 24/25FY and is included in the 25/26FY plan.

Last Updated: 30-Jun-2025

Initiative Title: 1.5.3.12 Infrastructure Engineering Core Business Activity Update

Core Business Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
John McLennan - Executive Manager Infrastructure Engineering	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: Asset inspection cycles have been undertaken for stormwater infrastructure, traffic signals, bridges and major culverts. External specialist consultant engagements have been undertaken for Toogoom Seawall, Urangan Revetment Wall and Margaret Street Groyne. Cattle grids and gates administrative process updated with community consultation undertaken.

Coastal infrastructure inspection cycles are in progress with regular beach cleaning, sand pushing and coastal infrastructure maintenance contracts in place. Follow up maintenance works are proceeding under contract as commissioned.

Budget packs for 25/26 have been built, multiple reports related to petition responses, ELT and Council meetings have been completed (6 overall).

Some outstanding appraisals to be addressed. Action Plans updated and in progress, 3 new positions filled, one resignation. Budget is underspent mainly due to wages underspend associated with vacancies.

Extensive time has been invested to secure funding through various grant programmes related to Roads to Recovery, Disaster resilience funding, Country Roads funding, blackspot program, safe school travel funding.

Over 6000 REQ's processed in the 12-month period. Over 650 driveway applications and approximately 650 flood certificates processed.

Since the recent weather event from ex-TC Alfred, staff have been deployed to capture infrastructure damage for recovery. This has placed pressure on BAU and elevated the number of REQ's to address.


Last Updated: 23-Jun-2025

Infrastructure Operations

Infrastructure Operations

Initiative Title: 1.5.3.10 Infrastructure Operations Core Business Activity Update

Core Business Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Craig Hutton - Executive Manager Infrastructure Operations	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: Road Operations:

Operational expenditure, excluding the costs associated with works undertaken following the disaster events which were sustained across the region, are currently tracking within 5-7% of targeted budget.

Disaster Management:

Works are progressing for the necessary upgrades and maintenance for the Flood Warning Infrastructure Network, in collaboration with the Bureau of Meteorology. With the region experiencing major weather events in the month of March 2025, significant resources to assist the community and reinstate public assets were accomplished.

Last Updated: 20-Jun-2025



Open Space & Environment

Open Space & Environment

Initiative Title: 1.2.1.16 Endorsement of Parks Strategy 2041						
Strategic Initiative						
Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Max Corte - Executive Manager Open Space & Environment	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	<div><div></div><div></div><div></div></div> GREEN
Initiative Progress Comments: Open Space & Environment has been supporting Strategic Planning (SP) on the development and subsequent endorsement of the Parks Strategy 2041 since the strategy moved under SP due to Refocus. The strategy has been workshopped with Council through concept forum, with several amendments being required and it is intended that these items will be resolved and the strategy ready for endorsement by early 2025.						
Last Updated: 30-Jun-2025						

Initiative Title: 1.3.1.1 Development of mowing and green maintenance layers in GIS mapping						
Strategic Initiative						
Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Max Corte - Executive Manager Open Space & Environment	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	<div><div></div><div></div><div></div></div> GREEN
Initiative Progress Comments: QA complete and map finalised - preparing webpage to view public map and inform residents of maintenance schedules.						
Last Updated: 30-Jun-2025						

Initiative Title: 1.3.1.3 Commence implementation of works request module/reactive processes						
Strategic Initiative						
Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Max Corte - Executive Manager Open Space & Environment	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	<div><div></div><div></div><div></div></div> GREEN
Initiative Progress Comments: UAT passed for Sports Precinct - GoLive scheduled for 30 June. COMPLETED						
Last Updated: 30-Jun-2025						

Initiative Title: 1.5.3.13 Open Space & Environment Core Business Activity Update							
Core Business Activity							
Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %	
Max Corte - Executive Manager Open Space & Environment	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	<div><div></div><div></div><div></div></div> GREEN	
Initiative Progress Comments: Strong year of business activity including the below.							
Budget with 5% of monthly variance							
GIS mapping completed for mowing layers and schedules.							
Developed maintenance contracts for mowing North-West region.							
Configuration of request system to allow for resource pools targeted at specific business units within Open Space & Environment.							
Winter works programming for uplift of parks including pre-emergent weed programs, growth regulators, mulching, painting and renewals of open space areas in preparation for grow season.							
Last Updated: 23-Jun-2025							

A full-page background image showing a person standing in shallow water at sunset. The person is holding a camera and looking out towards the horizon. A small bird is visible in the distance on the water. The sky is a mix of purple, pink, and blue, and the water reflects the colors of the sky.

Organisational Services

- Transformation, Assets and Information
- Financial Services
- Corporate Services
- People, Safety and Wellbeing


Organisational Services

Corporate Services

Corporate Services

Initiative Title: 1.3.3.1 Complete Maryborough City Hall Roof Restoration

Strategic Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Sydney Shang - Executive Manager Corporate Services	In Progress	01-Jul-2024	30-Jun-2025	20%	100.00%	 RED

Initiative Progress Comments: Works have been postponed to the 25/26 financial year due to the failure of the air conditioning in this area. Rather than fixing the roof and reinstalling the current air conducting system, both will be replaced at the same time whilst the roof is off and the roof space is externally accessible. This has been budgeted for and programmed in the 25/26 year.

Last Updated: 18-Jun-2025

Initiative Title: 1.4.2.1 Undertake review to inform Council Property Strategy

Strategic Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Sydney Shang - Executive Manager Corporate Services	In Progress	01-Oct-2024	30-Jun-2025	90%	100.00%	 GREEN

Initiative Progress Comments: Land audit results are scheduled to be received mid-July from the consultant.

Last Updated: 30-Jun-2025

Initiative Title: 1.4.3.3 Corporate Services Core Business Activity Update

Core Business Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Sydney Shang - Executive Manager Corporate Services	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: Customer Services and Records continues to service the public with 15,715 requests, 23,513 calls, 7395 counter enquiries and 10,154 emails received in the last 3 months. Fleet have finalised the 24/25 capital program with a limited number of orders unable to be filled this year. Geotab has been installed in all Council vehicles and is currently being configured to assist in productivity and utilisation reporting. Governance continues to engage with lessees in the renewal of current leases and explore new lease areas with community groups. Alternate concept design for the Torquay Caravan Park is underway. Property Services are continuing work on centralisation of building management and inspections of these sites. Internal Audit have finished the 24/25 audit program and commencing the 25/26 program. Marketing and Communication continues to engage with the public through media release and Facebook posts. The redevelopment of the Council website is continuing with design considerations being determined.

Last Updated: 18-Jun-2025

Financial Services

Financial Services

Initiative Title: 1.4.3.1 Completion of Annual Budget and Long Term Financial Plan

Strategic
Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Marion Millard - Executive Manager Financial Services	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: The budget, long term financial plan, related policies and the fees and charges schedule were adopted by Council on the 11.06.25. Post adoption activities have also been completed or scheduled to be actioned at the relevant time.

Last Updated: 24-Jun-2025

Initiative Title: 1.5.3.8 Financial Services Core Business Activity Update

Core Business
Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Marion Millard - Executive Manager Financial Services	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: Financial services continue to meet all legislative and compliance requirements. The QAO Audit has commenced for the 24/25 financial year with the planning visit completed in February, interim testing visit in April/May and early close visit underway June/July. Financial operations pay suppliers weekly and continue to work with the business to ensure that our commitments are met. Employees are paid fortnightly and all payroll compliance activities are completed on time. All end of financial year processes are now underway and planned through to the 3rd week of July. Cashflow management is critical with increased payment requirements on large capital projects flowing through. The procurement team continue to work with business areas to educate and improve our purchasing activities for both compliance and efficiencies, with an end of year review of purchase orders also being completed. Property and rating continue to be really busy with the increased property market activity and continue to work extensively with ratepayers to ensure timely payment of rates and charges. Planning for the first rates notice in July is underway with the new rates and charges being updated in the system for the 2025/2026 financial year.


Last Updated: 24-Jun-2025

People, Safety & Wellbeing

People, Safety & Wellbeing

Initiative Title: 1.5.2.2 Continued implementation of the Employee Value Proposition

Strategic
Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Holly McBride - Executive Manager People, Safety & Wellbeing	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: Councils Employee Value Proposition (EVP) continues to be used proactively in job advertisements to boost talent attraction and promote why Council is a great place to work. In Q4, Council's Moving from Boss to Coach Leadership Development program and Boost, Councils employee benefits and wellbeing platform were recognised as finalists at the Local Government Management Association (LGMA) annual Awards. Councils team won the Australasian Management Challenge, competing against 12 teams from Councils across QLD and will now progress to national finals.

Last Updated: 25-Jun-2025

Initiative Title: 1.5.3.2 Implementation of Work Health and Safety Strategy

Strategic Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Holly McBride - Executive Manager People, Safety & Wellbeing	In Progress	01-Jul-2024	30-Jun-2025	85%	100.00%	 AMBER

Initiative Progress Comments: Actions within the strategy have commenced and in the most part are progressing as planned. Where there have been some delays in implementation, this is being monitored and adjusted accordingly. Implementation of Councils new digital safety system continues; themed monthly safety inspections have been introduced; and the revised HSR framework is being implemented with elections completed and HSRs attending training. Implementation of the WHS Management Plan actions, to deliver on the Strategy will continue into 2025/26.

Last Updated: 25-Jun-2025

Initiative Title: 1.5.3.3 People, Safety & Wellbeing Core Business Activity Update

Core Business Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Holly McBride - Executive Manager People, Safety & Wellbeing	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: HR support and advice has been provided across the business for managing people and performance, and HR business partners have conducted workplace investigations. The updated Discrimination, Bullying and Harassment policy and Grievance Resolution policy and procedure was approved following consultation. The recruitment team continued to fill vacancies and build Councils brand through active use of LinkedIn. Action plans as an outcome of the annual Refocus employee survey have continued to be developed by teams. Mandatory WHS training has been completed and wellbeing initiatives including 'Being Bold for Bowel Cancer' awareness has encouraged active employee participation. WHS business partners have conducted inspections, incident investigations, provided advice and education to the business, continued to review policy and procedures and safety committee meetings have taken place.


Last Updated: 25-Jun-2025

Transformation, Assets & Information

Transformation, Assets & Information

Initiative Title: 1.3.1.2 Implementation of revised Project Management Framework

Strategic Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Paul Fendley - Executive Manager Transformation, Assets & Information	In Progress	01-Jul-2024	30-Jun-2025	90%	100.00%	 GREEN

Initiative Progress Comments: Project Management Framework developed and are being refined for adoption in 25/6. Project Lifecycle Management system being developed. Software implementation planned for first half 25/26. Project Management Workspace proof of concept developed. Implementation planned for first half 25/26.

Last Updated: 21-Jun-2025

Initiative Title: 1.4.2.2 Implementation of IT Infrastructure and fitout for new Administration Centre

Strategic Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Paul Fendley - Executive Manager Transformation, Assets & Information	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: Underway in line with schedules. Project Team formed and focussed on the delivery of Foundation Works - establishing the essential ICT infrastructure for the new building. Key areas of focus include Network Infrastructure, Active Directory, Backup and Restoration solutions, Fibre Interconnectivity, CCTV systems, and Procurement processes. work to date is in line with the Builders Program of works.

Last Updated: 12-Jun-2025

Initiative Title: 1.4.3.2 Implementation of Cyber Security Strategy

Strategic Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Paul Fendley - Executive Manager Transformation, Assets & Information	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: Key strategy streams progressing well against 3-yr roadmap: Business Continuity and Disaster Recovery Plan Q4 FY24; Cyber Supply Chain Risk Management, Asset Management, Compliance and Threat Intelligence activities Q4 FY25. Incident Response Plan and playbooks, Governance & Risk activities, Cyber Security Awareness & Training platform, Vulnerability Management platform and SIEM platform on track for Q1 FY25.

Last Updated: 21-Jun-2025

Initiative Title: 1.5.1.1 Implementation of Revised Asset Management Improvement Plan

Strategic Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Paul Fendley - Executive Manager Transformation, Assets & Information	In Progress	01-Jul-2024	30-Jun-2025	90%	100.00%	 GREEN

Initiative Progress Comments: AMIP 2025 completed and approved by Asset Management Steering Committee. Progress on AMIP actions reported to bi-monthly AMSC meetings. Asset Management Custodian (Responsibility) Policy reviewed and under consideration by AMSC. Custodian (Responsibility) matrix being developed based on new policy.

Last Updated: 21-Jun-2025

Initiative Title: 1.5.2.1 Implementation of Transformation Program

Strategic Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Paul Fendley - Executive Manager Transformation, Assets & Information	In Progress	01-Jul-2024	30-Jun-2025	80%	100.00%	 AMBER


Initiative Progress Comments: Property, Customer and Rating - Animals and Infringements has been delayed due to vendor technical issues, on track for Aug 25 go-live. The Policy ePlanning Solution Amendment is completed and now in use. Finance and Assets projects are progressing in accordance with agreed schedules with the Program and Events Work System successfully going live in May 2025 and the Works System rollout to Sports Precinct live on 30 June. Human Resources and Payroll delayed with issues encountered through testing - currently working to October go live schedule. The Safety Phase 1 project component has most components in production, with one element being reviewed for in-field application.

Last Updated: 03-Jul-2025



Initiative Title: 1.5.3.9 Transformation, Assets & Information Core Business Activity Update

Core Business Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Paul Fendley - Executive Manager Transformation, Assets & Information	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	

Initiative Progress Comments: • Completion of network standards documentation;

- Wide Area Network (WAN) Strategy developed
- Updated IT Contract records and loaded in centralised contracts register.
- Completed Mobile Device Architecture specification (approved) and draft rollout plan.
- Completed readiness assessment (with CMT), as initial use case for AI adoption. Initiated review of Copilot launch options.
- Completed draft Cyber Security Uplift artefacts: Cyber Security Incident Response Plan and Phishing Playbook, Cyber Security Working Group, Disaster Recovery Strategy, Disaster Recovery Plan and Disaster Recovery Playbook, Business Continuity Plan.
- Survey Plan Library Migration: Successfully relocated the survey plan library to SharePoint, enhancing stability and accessibility.
- Lidar App Development: Created a new Lidar application to enable efficient clipping and distribution of Lidar tiles, improving data sharing capabilities.
- Contour Data Enhancement: Generated a new version of 1m contours to boost performance for both internal and external mapping platforms.
- FME Platform Transition: Progressed the migration of legacy GIS data scripts to the modern FME platform, increasing efficiency and reliability.
- ESRI Experience Builder Pilot: Completed a pilot project using ESRI Experience Builder to support rapid deployment of mapping for public engagement.
- Emergency Mapping Update: Updated mapping for Emergency Action Plans, specifically for the Nikenbah Effluent Dam.
- Boundary Road Extension: Finalised asset registration for the Boundary Road Extension Project, capturing over 800 assets.
- Other Major Project Capitalisations including - Pulgul STP Sludge Dewatering Project; Hervey Bay Pump Track Project; MRF Facility, including carpark and roads; Caravan Park Upgrades.
- Fleet Template Rollout: Fleet asset template is currently in testing, with a full release planned by the end of June.
- Published new Asset Data Quality Dashboard to promote data improvement.

Last Updated: 21-Jun-2025

An aerial photograph of a tropical coastline. The top half of the image shows a dense, lush green forest. Below the forest is a wide, sandy beach. The water is a vibrant turquoise color, with some darker patches visible beneath the surface. Two small figures are visible on the beach, near the water's edge.

Strategy, Community and Development

- Regulatory Services
- Economic Development and Tourism
- Strategy and Sustainability
- Community and Culture
- Development


Strategy, Community & Development

Community & Culture

Community & Culture

Initiative Title: 1.1.1.1 Development of Brolga Theatre Business Plan for future viability, options for audience development and optimal service delivery across the region

Strategic
Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Joyce Chorny - Executive Manager - Community & Culture	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN
Initiative Progress Comments: Community consultation meetings completed; online consultation data being collated. Draft report prepared. Online consultation ended 15 Jan 2025. Report Strategy approved at Council Meeting on 26 March 2025. <i>Last Updated: 25-Jun-2025</i>						


Initiative Title: 1.5.1.2 Development of Staffing Business Plan for Hervey Bay Library and Council Administration Centre (incorporating Disaster Resilience Centre)

Strategic
Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Joyce Chorny - Executive Manager - Community & Culture	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN
Initiative Progress Comments: Initial discussions with senior team members complete; draft structure being prepared. Draft prepared. Report prepared for January to be reviewed by ELT. Report on restructure approved at ELT. Awaiting budget outcomes to implement. <i>Last Updated: 02-Apr-2025</i>						

Initiative Title: 1.5.3.17 Community & Culture Core Business Activity Update

Core Business
Activity


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Joyce Chorny - Executive Manager - Community & Culture	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN
Initiative Progress Comments: Community Grants approved by Council Appointment of Aquatics Manager Continuation of Hervey Bay Aquatic Centre (HBAC) Upgrade Securing power upgrade to HBAC Draft Staffing for Aquatics delivery Wetside winter maintenance closure Brolga Theatre 25th Anniversary Celebrations Collections Policy approved by Council Joe Fulonger and Billy Messi Exhibitions at HBRG Community Programming for Messi and Furlonger Exhibitions 2 & 3 Arts Culture and Heritage Advisory Committee Meetings Community Resilience Officer appointed Lines in the Sand presentations X2 Library Change Team operational Brolga Theatre Renovations completed Flood Community Recovery <i>Last Updated: 30-Jun-2025</i>						

Development

Development

Initiative Title: 1.5.3.5 Development Core Business Activity Update

Core Business Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
James Cockburn - Executive Manager Development	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: Development applications have averaged 270 for the quarter being up from the 3rd quarter. Assessment timelines remain behind the assessment rules under full staff resources including the utilisation of consultants. Scale and intensity of applications including pre-lodgement meeting proposals indicate a strong 25/26 FY for Development on the Fraser Coast.


Last Updated: 25-Jun-2025

Economic Development & Tourism

Economic Development & Tourism

Initiative Title: 1.1.4.1 Review and refresh the Regional Events Strategy determining our strategic approach to event acquisition and delivery

Strategic Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Justine Cooper - (Acting) Director Strategy, Community & Development	In Progress	01-Jul-2024	30-Jun-2025	90%	100.00%	 GREEN

Initiative Progress Comments: The review and refresh of the Fraser Coast Regional Events Strategy was advanced to final draft by 30 June and progressed to final editing and graphic design phase. The findings of the events survey informed the development of the Action Plan, a key component of the Strategy. The Regional Events Committee contributed to the development of the updated Strategy, which is expected to be adopted by Council in August 2025.

Last Updated: 10-Jul-2025

Initiative Title: 1.2.1.13 Deliver Economic Development Strategy that aligns with the 2019 Economic Development Roadmap and Building Better Communities Beyond 2032 Plan

Strategic Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Justine Cooper - (Acting) Director Strategy, Community & Development	In Progress	01-Jul-2024	30-Jun-2025	90%	100.00%	 GREEN

Initiative Progress Comments: The final draft presented to Council for review and feedback. The graphically designed Fraser Coast Futures 2036 will be presented to Council for endorsement in July 2025.

Last Updated: 23-Jun-2025

Initiative Title: 1.5.3.6 Economic Development & Tourism Core Business Activity Update

Core Business Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Justine Cooper - (Acting) Director Strategy, Community & Development	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments:

Hervey Bay Airport baggage system 95% complete and due to be finished week ending 20 June.

Completed detailed design for the Hervey Bay Airport Terminal Upgrade.

Sale of 7-19 Hillyard Street land sale in final stages of contract completion.

Brogla Theatre EV Charging Station installation complete.


Jobs Ready Program extended to Maryborough.

Last Updated: 25-Jun-2025

Regulatory Services**Regulatory Services**

Initiative Title: 1.5.3.4 Regulatory Services Core Business Activity Update

Core Business Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Steve Gatt - Executive Manager Regulatory Services	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: Increases in plumbing inspections and applications continues to exceed the capacity of the team and the filling of a temporary plumbing inspector vacancy has provided surety to applicants in council meeting its time frames. Development compliance action on unsafe awnings has an item progressing into legal and many liability reminders have been issued to building owners given the heavy rains experienced in the last quarter.

The Safe Park program is well underway with significant changes in parking behaviour noted within the key areas of the Esplanade and surrounding commercial streets. School zones and the airport are now regularly monitored and behaviours at schools are not noted as changing at this time particularly in bus and no standing zones.

Council has five (5) infringements progressing into legal as a result of disputing these actions. It is noted the airport congestion is decreasing as a result of these programs with an increase in the uptake of the 30 minute free parking.

Over 500 proactive patrols have occurred this quarter above the received request for service, ensuring key hot spots are provided coverage to minimise risk.

A range of recommendations on the dog off leash options has finalised with stakeholders and is currently with a focus group for drafting of the report for councils consideration in workshops.


Last Updated: 25-Jun-2025

Strategy & Sustainability

Strategy & Sustainability

Initiative Title: 1.1.4.2 Develop a Community Facilities Strategy to meet current and future community needs

Strategic Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Rosalyn Acworth - Executive Manager Strategy & Sustainability	Deferred	01-Jan-2025	30-Jun-2025	5%	100.00%	 RED

Initiative Progress Comments: Since the Councillor concept forum and internal stakeholder engagement that occurred in second quarter, a land audit has been commenced by Council's Governance and Corporate Services department and is ongoing. Completion of this work is important to inform the scope and timing to develop a Community Facilities Strategy. The Strategy has therefore been deferred pending outcomes of the land audit and future budgets.

Last Updated: 09-Jul-2025

Initiative Title: 1.2.1.10 Review and update the Planning Scheme to ensure strategic alignment and enable sustainable development

Strategic Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Rosalyn Acworth - Executive Manager Strategy & Sustainability	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: At a Special Meeting on 16 April 2025, Council endorsed proposed amendments to the Planning Scheme (Package 1) and resolved to forward to the State Government to commence their formal State Interest Check. Package 1 comprises of amendments to planning scheme provisions, mapping and planning scheme policies that have been informed by various technical studies and early consultation. Package 1 amendments will continue to follow the statutory plan-making process e.g. public consultation late 2025, pending the Minister's approval to proceed to this stage. It is expected that Package 1 amendments will not take effect until early-mid 2026, however, Council staff will continue to develop a rolling program of amendments for incremental implementation over the coming years as part of business-as-usual activities,

Last Updated: 24-Jun-2025

Initiative Title: 1.2.1.11 Undertake technical investigations for large-scale sand extraction for beach nourishment activities as part of Council's Coastal Hazard Adaptation Strategy

Strategic Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Rosalyn Acworth - Executive Manager Strategy & Sustainability	In Progress	01-Jul-2024	30-Jun-2025	55%	100.00%	 RED

Initiative Progress Comments: During this quarter, additional consultation has occurred with key State Agencies. Additional sediment and transport modelling has been undertaken to analyse proposed extraction locations and extents to substantiate large-scale sand extraction, as well as scoping for additional technical studies (e.g. sample analysis plan) to support statutory applications. The current completion status relates to progress on technical studies to support lodgement of statutory applications. The expected completion date for obtaining statutory approvals for large-scale sand extraction and nourishment are mid-2026, as no opportunity for shorter timeframes were identified after the impacts of TC Alfred last quarter. This project will extend into the 2025/26 financial year.

Last Updated: 10-Jul-2025

Initiative Title: 1.2.1.12 Review Sustainability Charter and develop a new Sustainability Strategy addressing climate risk and sustainability opportunities

Strategic Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Rosalyn Acworth - Executive Manager Strategy & Sustainability	In Progress	01-Jul-2024	30-Jun-2025	60%	100.00%	 RED

Initiative Progress Comments: A Councillor Concept Forum was conducted in June 2025 to workshop Council's proposed approach to building its Sustainability Portfolio, which will include the development of a suite of policies and strategies for Sustainability, Climate and Natural Environment. This work will be progressively implemented over the coming years and will be a key initiative for the 25/26 Operational Plan and be informed by the review of the Sustainability Charter. During this quarter, Council resolved to become a Reef Guardian Council and was also successful in receiving funding to lead the development of a Climate Resilient Alliance in partnership with seven other councils from the Wide Bay Burnett and Central Queensland Councils. Overall progress on this strategic initiative was impacted by unsuccessful recruitment campaigns prior to March 2025, when the new Manager Sustainability commenced.

Last Updated: 10-Jul-2025

Initiative Title: 1.5.3.7 Strategy & Sustainability Core Business Activity Update

Core Business Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Rosalyn Acworth - Executive Manager Strategy & Sustainability	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: Quarter 4 key tasks have included:

- progress on an interdepartmental collaborative workspace for information knowledge and sharing;
- public consultation on draft Local Government Infrastructure Plan (LGIP);
- public consultation on the proposed inclusion of the Scarness Rotunda into the Local Heritage Register;
- procurement and award of contracts for Nikenbah and Dundowran Land Use and Infrastructure Planning Investigation, Demographics Trends & Housing Supply, and additional flood studies;
- preparation of several funding applications, including a successful QCoast100 funding for the install of a wave and current buoy in Hervey Bay to inform future modelling and design requirements for beach nourishment and coastal protection works; and
- continuing recruitment to fill vacancies since creation of new department early 2024.

Notably, recruitment was successful for the Manager Strategic Infrastructure Planning role, however recruitment continues for the Senior Engineer Stormwater, Business Support Officer, Senior Strategic Planner and Sustainability Officer.

Last Updated: 24-Jun-2025



Water and Waste Services

- Process Operations
- Network Operations and Maintenance
- Resource Recovery Services
- Engineering and Technical Services


Water and Waste Services

Water & Waste Engineering & Technical

Engineering & Technical Services

Initiative Title: 1.2.1.1 Commence preliminary feasibility evaluation for a Fraser Coast Desalination Plant

Strategic Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Trevor Dean - Executive Manager Engineering & Technical Services	Completed	01-Jul-2024	30-Jun-2026	100%	100.00%	 GREEN


Initiative Progress Comments: On 23 January Councillors received a briefing note update that provided an overview of the scope and schedule to deliver the project over the 24/25 and 25/26 financial years.

The project generally remains on track with the program reflected in the briefing note. Multi-disciplinary consultant, GHD were engaged in Quarter4 to undertake the investigation and prepare the report with work also commencing in Quarter 4. As a multi-year project, the preliminary feasibility evaluation is expected to be finalised in Quarter 2 of the 25/26 financial year. The proportion of work planned for 24/25 has been completed.

Last Updated: 27-Jun-2025

Initiative Title: 1.2.1.2 Commence concept design for Teddington Water Raw Water Pipeline

Strategic Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Trevor Dean - Executive Manager Engineering & Technical Services	In Progress	01-Jul-2024	31-Dec-2025	90%	100.00%	 GREEN

Initiative Progress Comments: Phase one of the project is underway and initial contact has been made with the Department of Local Government, Water and Volunteers, who have advised of a high-level approvals pathway for accessing the 6,000 ML of strategic reserve currently assigned to Fraser Coast Regional Council in the Lower Mary River Water Supply Scheme (LMRWSS).

Contact has also been made with Sunwater, as the Resource Operations Licence holders for the LMRWSS and a formal meeting has been held in February. Phase one of this project has been achieved this financial year.


Phase Two will commence in Quarter 1 2025/26, with the procurement of an engineering consultant to develop the concept design for the infrastructure to transfer water from the Mary River, via the existing Owanyilla Channel, directly to the Teddington Water Treatment Plant. A request for quotation (RFQ) has been developed and will be issued early in Quarter 1 2025/26.

As a multi-year project, concept design is expected to be finalised next financial year.

Last Updated: 26-Jun-2025

Initiative Title: 1.2.1.3 Commence Planning Report for Fraser Coast Water Demand Management Strategy

Strategic Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Trevor Dean - Executive Manager Engineering & Technical Services	In Progress	01-Jul-2024	30-Sep-2025	70%	100.00%	 AMBER

Initiative Progress Comments: The work has commenced but has not yet been completed. A water resource specialist has delivered a draft cost-benefit analysis (CBA) for customer side demand management. The CBA considered the benefits and costs associated with resourcing and implementing a conceptual strategy, including:

- Extending supply capability over time.
- Reducing costs of transferring and treating water.
- Deferring capital investment required to meet the needs of growing communities.

A thorough literature review of demand management measures and possible initiatives was undertaken internally and helped inform the CBA.

Upon establishing the feasibility (based on both financial and non-financial factors) of customer side demand management, there will be consultation with stakeholders and leaders across the organisation before finalising a strategic plan in 2025/26 financial year.

Last Updated: 10-Jul-2025

Initiative Title: 1.2.1.4 Undertake Options Assessment for Maryborough Recycled Water Storage

Strategic Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Trevor Dean - Executive Manager Engineering & Technical Services	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: An engineering consultant (Pinion Advisory) were engaged in December 2025 to deliver the planning report and concept design. The options analysis and multi-criteria assessment has been completed, and the planning report and concept design provided by the Consultant.

The planning reports and concept design will support asset investment decisions and further stages of project development.

Last Updated: 26-Jun-2025

Initiative Title: 1.2.1.5 Commence Expansion Planning Report for Burgowan Water Treatment Plant

Strategic Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Trevor Dean - Executive Manager Engineering & Technical Services	In Progress	01-Jul-2024	30-Sep-2025	60%	100.00%	 RED

Initiative Progress Comments: The work has commenced but has not been completed. Engineering Consultant Beca Hunter H2O has been engaged by Council to investigate the pathways for expansion of the Burgowan WTP to meet the additional quantity of treated water required to support the growing population.

The scope of works has been developed in consultation with internal stakeholders. The deliverable is a planning report that details the options assessed and the financial impacts of each of those options with a recommended pathway for Council to consider.

The scope of this project has been expanded to also investigate and recommend interim upgrades to the water treatment plants for the Hervey Bay water supply system to improve compliance with the Australian Drinking Water Guidelines (ADWG).

Due to delays in finalising the brief and procuring a consultant, the consultant has not undertaken any work on this multi-year project within the current financial year.


The works are expected to be completed in Quarter 4 of the 2025/26 financial year.

Last Updated: 10-Jul-2025



Initiative Title: 1.2.1.6 Commence Option Study for Teddington Water Treatment Plant Upgrade Pathways

Strategic Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Trevor Dean - Executive Manager Engineering & Technical Services	In Progress	01-Jul-2024	31-Dec-2025	15%	100.00%	

Initiative Progress Comments: The work has commenced but has not yet been completed. The Project Manager has been working on the brief and scope of works for the engagement of a consultant.


A request for quotation (RFQ) is to be released in the coming weeks to engage an engineering consultant to deliver the planning report and a concept design for upgrades to the Teddington WTP.

Delivery of the report is anticipated by June 2026.

Last Updated: 10-Jul-2025

Initiative Title: 1.2.1.7 Commence a Trade Waste Strategic Planning Report for Fraser Coast region

Strategic Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Trevor Dean - Executive Manager Engineering & Technical Services	In Progress	01-Jul-2024	29-Aug-2025	60%	100.00%	


Initiative Progress Comments: The work has commenced but has not yet been completed. Engineering Consultant Stantec were engaged on 14 May 2025 to provide consultancy services to investigate and provide a planning report that will provide the best solution for the receipt and treatment of tankered liquid waste on the Fraser Coast.

The engagement is for 16 weeks, after which consultation will be held with internal operational stakeholders.

Last Updated: 10-Jul-2025

Initiative Title: 1.2.4.1 Undertake Recycled Water and Biosolids Reuse Sustainability Review

Strategic Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Trevor Dean - Executive Manager Engineering & Technical Services	In Progress	01-Jul-2024	30-Jun-2025	20%	100.00%	

Initiative Progress Comments: The Project Manager arranged for soil sampling and analysis to align with annual biosolids soil sampling in May 2025. These results will inform the review, which will then be delivered using internal resources in the 2025/26 financial year. A scoping session was undertaken in January 2025.

Last Updated: 26-Jun-2025

Initiative Title: 1.5.3.14 Engineering & Technical Services Core Business Activity Update

Core Business Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Trevor Dean - Executive Manager Engineering & Technical Services	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: The Infrastructure Delivery area continue to deliver the Capital Works programme through a combination of contracts and internal construction teams. The watermain replacement in Grosvenor St was completed in Quarter 4. The Urraween Water Pump Station upgrade continues as does water main construction in John Streets, Maryborough and Karrasch's Rd, Dundowran. A consultant has been engaged to undertake the detailed design of the Fraser Coast Water Grid.

The Planning and Environment Team are continuing to work on planning for operational plan projects. Quarter 4 focus was on engaging external expertise on key planning projects and providing them with the information necessary to deliver the works. With a full contingent of planning staff, focus has been on delivering major planning studies reflected in the operational plan.

Last Updated: 26-Jun-2025

Water & Waste Network Operations & Maintenance

Network Operations & Maintenance

Initiative Title: 1.3.3.2 Network Operations & Maintenance Core Business Activity Update

Core Business Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Darren Smith - Executive Manager Network Operations & Maintenance	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: Water and sewer network crews have continued to deliver historically large numbers of new infrastructure connections and recoverable works to accommodate ongoing demands from housing developments. New service connection has increased to the point that a crew is now scheduled to work weekends to meet required levels of service.


The current market demand for qualified tradesman has increased difficulty in attracting suitable qualified and experienced electricians and plumbers.

Development of Asset Management Plans (AMP) has continued with the Water Network AMP now at 90% completion. Progress is being made on the Sewer Treatment AMP and is now at 40% completion.

Last Updated: 26-Jun-2025

Initiative Title: 1.5.3.1 Undertake ARC flash analysis of electrical switchboards and installation of the ARC flash rating to directly contribute to effective Electrical Risk Management on existing switchboards

Strategic Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Darren Smith - Executive Manager Network Operations & Maintenance	In Progress	01-Jul-2024	30-Jun-2025	90%	100.00%	 GREEN

Initiative Progress Comments: The electrical arc flash site assessments for the 2024/25 financial year have been completed, with a DRAFT report being currently reviewed, prior to finalisation.


Last Updated: 24-Jun-2025

Water & Waste Process Operations

Process Operations

Initiative Title: 1.2.1.8 Lenthalls Dam Safety and Design Review

Strategic
Initiative


Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Cameron Ansell - Executive Manager Process Operations	In Progress	01-Jul-2024	30-Mar-2026	70%	100.00%	 AMBER

Initiative Progress Comments: Geological coring has been completed though was significantly delayed by wet weather. The subsequent Engineering Assessments, Risks Assessments and Dam Safety Review will continue though most of the 25/26 FY, with the Dam Safety Regulator regularly appraised of progress.

Last Updated: 10-Jul-2025

Initiative Title: 1.5.3.16 Process Operations Core Business Activity Update

Core Business
Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Cameron Ansell - Executive Manager Process Operations	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: The provision of drinking water, sewage treatment, reuse of recycled water, and laboratory services has continued during Quarter 4.


Last Updated: 27-Jun-2025

Water & Waste Resource Recovery Services

Resource Recovery Services

Initiative Title: 1.2.1.9 Review of the Waste Strategy

Strategic
Initiative

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Umur Natus-Yildiz - Executive Manager Resource Recovery Services	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	 GREEN

Initiative Progress Comments: Community engagement has been completed. The Advisory Committee WWS was engaged with at a Roundtable. Following the workshop with Councillors, the Advisory Committee WWS has endorsed the Council report to be presented at the Council meeting on 30 June 2025.

Last Updated: 06-Jun-2025

Initiative Title: 1.5.3.15 Resource Recovery Services Core Business Activity Update

Core Business Activity

Responsible Person	Status	Start Date	End Date	% Complete	Target	On Target %
Umur Natus-Yildiz - Executive Manager Resource Recovery Services	Completed	01-Jul-2024	30-Jun-2025	100%	100.00%	<div><div></div><div></div><div></div></div> GREEN

Initiative Progress Comments:

Waste and resource recovery services have been delivered in accordance with resolved service levels.

Nikenbah Transfer Station and mainland outstations continue to operate within expected parameters.

Eurong waste transfer station and K'gari new contract mobilisation progressing on schedule.

Maryborough Landfill Cell 9 has been completed but due to continued rainfall required rectification before it can be utilised in August/September 2025.

The new Fraser Coast Material Recovery Facility is in the final stages of commissioning scheduled for full operation by end of June 2025.

Last Updated: 26-Jun-2025

2024/25 Operational Plan
Initiatives that did not achieve at least 90% of initiative target

	Initiatives	Status	% Complete	Progress Comments	Responsible Officer
>70% of initiative target achieved	1.5.3.2 Implementation of Work Health and Safety Strategy	In Progress	85%	Actions within the strategy have commenced and in the most part are progressing as planned. Where there have been some delays in implementation, this is being monitored and adjusted accordingly. Implementation of Councils new digital safety system continues; themed monthly safety inspections have been introduced; and the revised HSR framework is being implemented with elections completed and HSRs attending training. Implementation of the WHS Management Plan actions, to deliver on the Strategy will continue into 2025/26.	Executive Manager People, Safety & Wellbeing
	1.5.2.1 Implementation of Transformation Program	In Progress	80%	<p>Property, Customer and Rating - Animals and Infringements has been delayed due to vendor technical issues, on track for Aug 25 go-live. The Policy ePlanning Solution Amendment is completed and now in use.</p> <p>Finance and Assets projects are progressing in accordance with agreed schedules with the Program and Events Work System successfully going live in May 2025 and the Works System rollout to Sports Precinct live on 30 June.</p> <p>Human Resources and Payroll delayed with issues encountered through testing - currently working to October go live schedule. The Safety Phase 1 project component has most components in production, with one element being reviewed for in-field application.</p>	Executive Manager Transformation, Assets & Information

2024/25 Operational Plan
Initiatives that did not achieve at least 90% of initiative target

	1.2.1.3 Commence Planning Report for Fraser Coast Water Demand Management Strategy	In Progress	70%	<p>The work has commenced but has not yet been completed. A water resource specialist has delivered a draft cost-benefit analysis (CBA) for customer side demand management. The CBA considered the benefits and costs associated with resourcing and implementing a conceptual strategy, including:</p> <ul style="list-style-type: none"> • Extending supply capability over time. • Reducing costs of transferring and treating water. • Deferring capital investment required to meet the needs of growing communities. <p>A thorough literature review of demand management measures and possible initiatives was undertaken internally and helped inform the CBA.</p> <p>Upon establishing the feasibility (based on both financial and non-financial factors) of customer side demand management, there will be consultation with stakeholders and leaders across the organisation before finalising a strategic plan in 2025/26 financial year.</p>	Executive Manager Engineering & Technical Services
	1.2.1.8 Lenthalls Dam Safety and Design Review	In Progress	70%	<p>Geological coring has been completed though was significantly delayed by wet weather. The subsequent Engineering Assessments, Risks Assessments and Dam Safety Review will continue though most of the 25/26 FY, with the Dam Safety Regulator regularly appraised of progress.</p>	Executive Manager Process Operations

2024/25 Operational Plan
Initiatives that did not achieve at least 90% of initiative target

Initiatives captured in the 2025/26 OP Plan	1.2.1.11 Undertake technical investigations for large-scale sand extraction for beach nourishment activities as part of Council's Coastal Hazard Adaptation Strategy	In Progress	55%	During this quarter, additional consultation has occurred with key State Agencies. Additional sediment and transport modelling has been undertaken to analyse proposed extraction locations and extents to substantiate large-scale sand extraction, as well as scoping for additional technical studies (e.g. sample analysis plan) to support statutory applications. The current completion status relates to progress on technical studies to support lodgement of statutory applications. The expected completion date for obtaining statutory approvals for large-scale sand extraction and nourishment are mid-2026, as no opportunity for shorter timeframes were identified after the impacts of TC Alfred last quarter. This project will extend into the 2025/26 financial year.	Executive Manager Strategy & Sustainability
	1.2.1.12 Review Sustainability Charter and develop a new Sustainability Strategy addressing climate risk and sustainability opportunities	In Progress	60%	A Councillor Concept Forum was conducted in June 2025 to workshop Council's proposed approach to building its Sustainability Portfolio, which will include the development of a suite of policies and strategies for Sustainability, Climate and Natural Environment. This work will be progressively implemented over the coming years and will be a key initiative for the 25/26 Operational Plan and be informed by the review of the Sustainability Charter. During this quarter, Council resolved to become a Reef Guardian Council and was also successful in receiving funding to lead the development of a Climate Resilient Alliance in partnership with seven other councils from the Wide Bay Burnett and Central Queensland Councils. Overall	Executive Manager Strategy & Sustainability

2024/25 Operational Plan
Initiatives that did not achieve at least 90% of initiative target

				progress on this strategic initiative was impacted by unsuccessful recruitment campaigns prior to March 2025, when the new Manager Sustainability commenced.	
	1.2.1.5 Commence Expansion Planning Report for Burgowan Water Treatment Plant	In Progress	60%	<p>The work has commenced but has not been completed. Engineering Consultant Beca Hunter H2O has been engaged by Council to investigate the pathways for expansion of the Burgowan WTP to meet the additional quantity of treated water required to support the growing population.</p> <p>The scope of works has been developed in consultation with internal stakeholders. The deliverable is a planning report that details the options assessed and the financial impacts of each of those options with a recommended pathway for Council to consider.</p> <p>The scope of this project has been expanded to also investigate and recommend interim upgrades to the water treatment plants for the Hervey Bay water supply system to improve compliance with the Australian Drinking Water Guidelines (ADWG).</p> <p>Due to delays in finalising the brief and procuring a consultant, the consultant has not undertaken any work on this multi-year project within the current financial year.</p> <p>The works are expected to be completed in Quarter 4 of the 2025/26 financial year.</p>	Executive Manager Engineering & Technical Services

2024/25 Operational Plan
Initiatives that did not achieve at least 90% of initiative target

	1.2.1.6 Commence Option Study for Teddington Water Treatment Plant Upgrade Pathways	In Progress	15%	<p>The work has commenced but has not yet been completed. The Project Manager has been working on the brief and scope of works for the engagement of a consultant.</p> <p>A request for quotation (RFQ) is to be released in the coming weeks to engage an engineering consultant to deliver the planning report and a concept design for upgrades to the Teddington WTP.</p> <p>Delivery of the report is anticipated by June 2026.</p>	Executive Manager Engineering & Technical Services
Other	1.3.3.1 Complete Maryborough City Hall Roof Restoration	In Progress	20%	<p>Works have been postponed to the 25/26 financial year due to the failure of the air conditioning in this area. Rather than fixing the roof and reinstalling the current air conducting system, both will be replaced at the same time whilst the roof is off, and the roof space is externally accessible. This has been budgeted for and programmed in the 25/26 year.</p>	Executive Manager Corporate Services
	1.1.4.2 Develop a Community Facilities Strategy to meet current and future community needs	Deferred	5%	<p>Since the Councillor concept forum and internal stakeholder engagement that occurred in second quarter, a land audit has been commenced by Council's Governance and Corporate Services department and is ongoing. Completion of this work is important to inform the scope and timing to develop a Community Facilities Strategy. The Strategy has therefore been deferred pending outcomes of the land audit and future budgets.</p>	Executive Manager Strategy & Sustainability

2024/25 Operational Plan
Initiatives that did not achieve at least 90% of initiative target

	1.2.1.7 Commence a Trade Waste Strategic Planning Report for Fraser Coast region	In Progress	60%	<p>The work has commenced but has not yet been completed. Engineering Consultant Stantec were engaged on 14 May 2025 to provide consultancy services to investigate and provide a planning report that will provide the best solution for the receipt and treatment of tankered liquid waste on the Fraser Coast.</p> <p>The engagement is for 16 weeks, after which consultation will be held with internal operational stakeholders.</p>	Executive Manager Engineering & Technical Services
	1.2.4.1 Undertake Recycled Water and Biosolids Reuse Sustainability Review	In Progress	20%	<p>The Project Manager arranged for soil sampling and analysis to align with annual biosolids soil sampling in May 2025. These results will inform the review, which will then be delivered using internal resources in the 2025/26 financial year. A scoping session was undertaken in January 2025.</p>	Executive Manager Engineering & Technical Services

FRASER COAST REGIONAL COUNCIL
ORDINARY MEETING NO. 7/25

WEDNESDAY, 23 JULY 2025

SUBJECT:	REQUEST FOR ERGON EASEMENT - DISPOSAL OF INTEREST IN LAND - URRAWEEN RESERVOIR SITE
DIRECTORATE:	WATER & WASTE SERVICES
RESPONSIBLE OFFICER:	DIRECTOR WATER & WASTE SERVICES
AUTHOR:	OPERATIONAL TECHNOLOGY MANAGER
LINK TO CORPORATE PLAN:	Focused Organisation and Leadership. Demonstrate good leadership, and effective and ethical decision-making to foster confidence within our community.

1. PURPOSE

The purpose of this report is to seek Council approval to grant an easement over a portion of Fraser Coast Regional Council's land ("Council's land") at the Urraween Water Reservoir Site ("the site") to facilitate Ergon Energy's ("Ergon") installation of a new pad-mounted transformer.

2. EXECUTIVE SUMMARY

This report outlines the establishment of an easement required by Ergon to support essential electrical infrastructure upgrades at the site.

The requested easement over (Lot SP286719) is required to facilitate the installation of a new pad-mounted transformer. The existing pole-mounted transformer is undersized and is not capable of running the three reservoir pumps simultaneously. During peak summer demand periods, three reservoir pumps are needed to meet the water supply requirements. Ergon requires an easement over the electrical exclusion zone where the new transformer will be installed to ensure ongoing access, maintenance, and compliance with regulatory requirements.

To carry out the electrical infrastructure upgrades required for the site, a Council resolution is being sought for an easement to be granted over part of Fraser Coast Regional Council's land described as Lot 62 SP286719, Madsen Road, Urraween, to allow for an Ergon pad mounted transformer.

No objections to the granting of the easement have been raised by Council staff.

3. OFFICER'S RECOMMENDATION

That Council:

1. Pursuant to Local Government Regulation 2012, Chapter 6, Section 236 (1)(b)(i), which permits Council to dispose of an interest in land (a valuable non-current asset) to a

government agency without inviting tenders or conducting an auction, resolves to provide an easement over part of as Lot 62 SP286719, Madsen Road, Urraween, to Ergon Energy for the purposes of providing infrastructure upgrades to support the Urraween Reservoir Site; and

2. Delegates authority to the Chief Executive Officer to negotiate and execute an easement over part of Lot 62 SP286719, Madsen Road, Urraween, with Ergon Energy as outlined in this report.

4. BACKGROUND & PREVIOUS COUNCIL CONSIDERATION

The Urraween Reservoir serves as a vital water storage facility for the Fraser Coast region. The reservoir is equipped with three pumps that transfer water to the Ghost Hill Reservoir. During peak summer demand, all three pumps are required to ensure adequate water supply to Hervey Bay. However, the existing Ergon supply transformer is not capable of powering all three pumps simultaneously, so a generator is currently used to operate one of the pumps. With the growing population on the Fraser Coast, the frequency of needing all three pumps to run at once is expected to rise, making the continued use of a generator to power a pump increasingly cost-prohibitive.

Granting the easement will allow Ergon to install a new pad-mounted transformer, replacing the existing undersized infrastructure. This upgrade is essential to support current and future energy needs and to maintain reliable service to the site.

Ergon requires an easement over the electrical exclusion zone where the new transformer will be installed to ensure ongoing access and compliance. The size of the easement area is approximately 12m x 12m. Ergon requires a formally registered easement on the title before proceeding with the works.

The positioning of the easement can be seen in the following aerial map:



Council officers and Ergon have commenced liaison with Surveyors at Work to obtain a survey plan for formal registration of the easement.

No water, sewer or stormwater assets are located within the proposed easement.

5. PROPOSAL

It is proposed that Council resolve to approve the granting of an easement over part of Council's land described as part of Lot 62 SP286719, Madsen Road, Urraween, for the purpose of Ergon to install and access a pad mounted transformer providing supply to the Urraween Reservoir Site.

6. FINANCIAL & RESOURCE IMPLICATIONS

If an easement is granted, all costs associated with the preparation of the survey plan and the registration of the easement on title will be borne by Council.

7. POLICY & LEGAL IMPLICATIONS

Local Government Regulation 2012, Chapter 6, Section 236 (1) (b) (i), permits Council to dispose of an interest in land (a valuable non-current asset) to a government agency without inviting tenders or conducting an auction, provided the approval is granted through Council resolution. Ergon is a government agency.

8. RISK IMPLICATIONS

There are no risks identified by the granting of this easement to Ergon.

9. CRITICAL DATES & IMPLEMENTATION

Endorsement of the Officer's Recommendation should occur as soon as practicable to ensure coordination with Ergon to allow scheduling of upgrades to electrical works.

10. CONSULTATION

No objections were raised by Council Officers. However, it was noted that the easement documentation should include provisions requiring Ergon to repair any damage to Council assets at their cost and to Council's satisfaction.

11. CONCLUSION

The granting of the easement will enable Ergon to install a new pad-mounted transformer, addressing the limitations of the existing undersized infrastructure. This upgrade is necessary to meet current and future energy demands while ensuring reliable service to the site.

12. ATTACHMENTS

Nil

FRASER COAST REGIONAL COUNCIL
ORDINARY MEETING NO. 7/25

WEDNESDAY, 23 JULY 2025

SUBJECT:	LGAQ CONFERENCE - MOTIONS
DIRECTORATE:	ORGANISATIONAL SERVICES
RESPONSIBLE OFFICER:	DIRECTOR ORGANISATIONAL SERVICES
AUTHOR:	LEGAL LIAISON AND INTEGRITY ADVISOR
LINK TO CORPORATE PLAN:	Focused Organisation and Leadership. Demonstrate good leadership, and effective and ethical decision-making to foster confidence within our community.

1. PURPOSE

The purpose of this report is for Council to approve the proposed motions to be submitted to the Local Government Association Queensland ("LGAQ") for consideration at LGAQ's Annual General Meeting.

2. EXECUTIVE SUMMARY

Three motions are proposed to be put forward at this year's LGAQ Annual Conference and Annual General Meeting.

- Motion 1 relates to securing ongoing Betterment Funding from the State and Federal Governments to support the reconstruction and future-proofing of infrastructure damaged by natural disasters.
- Motion 2 relates to seeking increased funding from the State Government for local governments managing offshore infrastructure, in recognition of the significantly higher costs involved.
- Motion 3 relates to the development of a set of technical design standards to guide local governments in infrastructure design and planning for climate resilience.

The motions must be submitted by close of business Monday 28 July 2025. All motions require a council resolution prior to being submitted.

3. OFFICER'S RECOMMENDATION

That Council:

1. Approve the submission of Motion 1 – Request for State and Federal Governments to Commit to Ongoing Betterment Funding, to the Local Government Association of Queensland for consideration at the LGAQ Annual Conference General Meeting as per **Attachment 1**.

2. Approve the submission of Motion 2 – Financial Assistance for Offshore Infrastructure, to the Local Government Association of Queensland for consideration at the LGAQ Annual Conference Annual General Meeting as per **Attachment 2**.
3. Approve the submission of Motion 3 – Technical Design Standards for Climate Resilience, to the Local Government Association of Queensland for consideration at the LGAQ Annual Conference Annual General Meeting as per **Attachment 3**.

4. BACKGROUND & PREVIOUS COUNCIL CONSIDERATION

Each year member councils have an opportunity to put forward motions at the LGAQ Annual Conference Annual General Meeting. This year's LGAQ Annual Conference will be held on 20 to 22 October 2025 at the Gold Coast Convention and Exhibition Centre. The motions are voted upon by the membership and once motions are carried, LGAQ will pursue the matter on behalf of its members. Motions are a powerful way to get results, and it determines what the focus of the LGAQ will be for the following year. Council can submit motions for this year's conference and AGM until close of business 28 July 2025. All motions require a council resolution prior to being submitted.

5. PROPOSAL

The following motions have been proposed for Council's consideration:

1. **Motion 1** – Request for State and Federal Governments to Commit to Ongoing Betterment Funding (**"Attachment 1"**).

This motion seeks the commitment of the State and Federal Governments to ongoing Betterment Funding to local governments, which will enable local governments to upgrade and improve infrastructure damaged in a natural disaster, thereby protecting the infrastructure from future natural disasters.

2. **Motion 2** – Financial Assistance for Offshore Infrastructure (**"Attachment 2"**).

This motion seeks increased funding from the State Government to local governments that are responsible for managing offshore infrastructure on islands, in recognition of the significantly higher costs associated with construction, maintenance, and service delivery in these remote and logistically challenging locations.

3. **Motion 3** – Technical Design Standards for Climate Resilience (**"Attachment 3"**).

This motion seeks the development of a set of technical design standards for climate resilience for local governments to inform:

- a) infrastructure design specifications for trunk infrastructure networks and asset classes delivered by both local governments and developers; and
- b) modelling specifications and parameters eg flood models.

6. FINANCIAL & RESOURCE IMPLICATIONS

There are no direct financial and resource implications for the submission of the proposed motions.

7. POLICY & LEGAL IMPLICATIONS

LGAQ requires the proposed motions to be approved by resolution of Council prior to submission.

8. RISK IMPLICATIONS

There are no identified risk implications.

9. CRITICAL DATES & IMPLEMENTATION

The deadline for submissions of motions is close of business 28 July 2025.

10. CONSULTATION

Consultation has occurred with Councillors.

11. CONCLUSION

Council has an opportunity to influence the LGAQ's advocacy plans by submitting the proposed motions for consideration at LGAQ's Annual General Meeting. The issues that are the subject of any motions that are supported at the Annual General Meeting will benefit from the support and advocacy of LGAQ.

12. ATTACHMENTS

1. Motion 1 - Commitment to Ongoing Betterment Funding [↓](#)
2. Motion 2 - Financial Assistance for Offshore Infrastructure [↓](#)
3. Motion 3 - Technical Design Standards for Climate Resilience [↓](#)



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2025 LGAQ Annual Conference – Motion

Who is the key contact for this motion? (required)	Davendra Naidu, Director Infrastructure Services
Submitting council (required)	Fraser Coast Regional Council
Supporting organisation (if applicable)	
Council resolution # (required)	
Date of council resolution (required)	Click or tap to enter a date.
X Does this motion have state-wide relevance? <i>For a motion to be accepted, it must have state-wide relevance / this box must be ticked.</i>	
Title of motion (required)	Request for State and Federal Governments to Commit to Ongoing Betterment Funding
Motion (required)	That the LGAQ calls on the State and Federal Governments to commit to ongoing Betterment Funding to Local Governments through the State and Federal Government Disaster Funding Recovery Arrangements following Disaster Events.
What is the desired outcome sought? (required) 200 word limit	To ensure Local Governments have confidence that Betterment Funding will be included as a standard component of the financial assistance provided through the State and Federal Government Disaster Recovery Funding Arrangements following disaster events.
Background (required) 350 word limit	<p>Queensland is the most disaster-affected state in Australia. Disaster events frequently lead to significant expenditure by all levels of government to support the recovery and reconstruction of impacted communities and essential public infrastructure.</p> <p>Through the Queensland Reconstruction Authority (QRA), various recovery funding arrangements are made available to local governments. These include assistance measures such as Counter Disaster Operations, Emergency Works for essential public assets, Immediate Reconstruction Works, and the Reconstruction of Essential Public Assets. However, these funding packages typically support “like for like”</p>



	<p>replacement of damaged infrastructure, which often results in the same assets being repeatedly damaged in subsequent disaster events.</p> <p>Historically, the State and Federal Governments have provided Betterment Funding to enable Councils to upgrade and improve damaged assets, enhancing their resilience to future disasters. This proactive approach reduces long-term costs and disruption to communities by ensuring infrastructure is reinstated to a better standard, not just restored to its previous vulnerable state.</p> <p>Council is concerned that the Federal Government is reconsidering its commitment to Betterment Funding. The removal or reduction of this funding stream would significantly limit the ability of local governments to implement resilience improvements. This would leave communities more vulnerable and result in repeated damage, disruption, and financial burden each time a disaster occurs.</p>
<p>Case study/ Example (optional) 350 word limit</p>	<p>Council has previously been successful in securing Betterment Funding to deliver resilience improvements across several essential public assets. These upgrades have proven highly effective, with the improved infrastructure consistently withstanding subsequent disaster events without sustaining damage. Notable examples include culvert crossing works on Poona Road and floodway upgrades on Netherby Road and Dakins Road.</p> <p>In March this year, Tropical Cyclone Alfred caused significant damage, including the destruction of access to the Happy Valley township on K'gari. Council had anticipated the opportunity to apply for Betterment Funding through the QRA to deliver a resilient and long-term solution for access to this remote community. However, to date, no announcement has been made regarding the availability of Betterment Funding for this event.</p> <p>There is growing concern that this critical funding stream may be under review or considered for removal. The absence of Betterment Funding would severely limit Council's ability to deliver resilient infrastructure solutions, leaving communities vulnerable to repeated damage and isolation during future disaster events.</p>

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2025 LGAQ Annual Conference – Motion

Who is the key contact for this motion? (required)	Ken Diehm, Chief Executive Officer
Submitting council (required)	Fraser Coast Regional Council
Supporting organisation (if applicable)	
Council resolution # (required)	
Date of council resolution (required)	Click or tap to enter a date.
x Does this motion have state-wide relevance? <i>For a motion to be accepted, it must have state-wide relevance / this box must be ticked.</i>	
Title of motion (required)	Financial Assistance for Offshore Infrastructure
Motion (required)	The LGAQ calls on the State government to provide additional financial assistance to local governments responsible for managing offshore infrastructure.
What is the desired outcome sought? (required) 200 word limit	That LGAQ lobby the Queensland State government to provide additional funding to local governments that are responsible for managing offshore infrastructure.
Background (required) 350 word limit	<p>Numerous local governments across Queensland are responsible for the management of offshore infrastructure, that is infrastructure necessary to service islands within their region. This includes water and waste services.</p> <p>Provision of these services is challenging for the following reasons:</p> <ol style="list-style-type: none"> 1. High Costs – the costs of establishing and maintaining offshore infrastructure is significantly higher than on the mainland due to transportation and logistical issues. 2. Limited Revenue – Due to the small population size of the islands and lower economic activity on islands, the revenue from these services and rates are usually lower, leading to financial deficits.



	<p>3. Logistical Issues: Transporting materials, equipment, and personnel to and from islands can be complex and costly, often requiring specialised vessels and careful planning.</p> <p>4. Environmental Concerns: any infrastructure development must consider unique environmental factors that are specific to islands, which can add to the complexity and cost.</p> <p>5. Regulatory Compliance: adhering to environmental regulations, safety standards, and other legal requirements can be more challenging and costly in island settings.</p> <p>6. Limited Workforce: Recruiting and retaining workers to manage and maintain infrastructure on islands can be difficult due to isolation and limited amenities.</p> <p>7. Infrastructure Maintenance: The harsh marine environment can accelerate wear and tear on infrastructure, necessitating more frequent repairs and higher maintenance costs.</p> <p>The additional costs borne by local governments that manage offshore infrastructure is not factored in by the Local Government Grants Commission when allocating financial assistance grants and while some grants are available, they are insufficient to meet the significant shortfall experienced by these local governments.</p>
<p>Case study/ Example (optional) 350 word limit</p>	<p>Fraser Coast Regional Council operates and maintains three (3) waste transfer stations on K'gari. The costs to Council to provide a waste service on K'gari exceeds the revenue received for the following reasons:</p> <ol style="list-style-type: none"> 1. disposal fees at the facilities have not been charged as there is no site supervision (however, the cost to provide a site supervisor would likely still exceed the revenue generation potential); 2. there are a small number of residential property owners on the island; 3. the residential property owners are charged a waste utility charge which is the same charge as for mainland residential property owners, despite the cost of providing the waste service on K'gari being much higher 4. waste volumes for the residences on K'gari may actually be greater than that on the mainland as many are utilised as short-term accommodation. 5. The waste transfer stations are provided to service residents on K'gari, however these sites are not restricted to prevent visitors from using them. 6. Council receives no contribution from the State government for visitors using Council facilities other

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	<p>than Queensland Parks and Wildlife Service (QPWS) paying the direct costs for services to bins in the compounds they operate.</p> <p>A recent review of waste services on K'gari has identified proposed operational changes that, while increasing costs to Council, are necessary to enhance waste management and resource recovery. These improvements are crucial for the ongoing management of the island's unique natural environment, which is both culturally significant and World Heritage Listed. These proposed operational changes include:</p> <ol style="list-style-type: none">1. the inclusion of site supervision at one of the transfer stations which is intended to address the current risks of environmental harm and non-compliance associated with operating an unsupervised site (including illegal dumping).2. the introduction of co-mingle recycling to divert waste from landfill.3. capital investment in upgrades
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2025 LGAQ Annual Conference – Motion

Who is the key contact for this motion? (required)	Ken Diehm, Chief Executive Officer
Submitting council (required)	Fraser Coast Regional Council
Supporting organisation (if applicable)	
Council resolution # (required)	
Date of council resolution (required)	Please provide the date that this motion was endorsed by council.
X Does this motion have state-wide relevance? Yes	
Title of motion (required)	Technical Design Standards for Climate Resilience
Motion (required)	<p>That the LGAQ calls on the Queensland State Government and/ or Federal Government, to develop a set of Technical Design Standards for Climate Resilience for Queensland Local Councils to inform:</p> <ol style="list-style-type: none"> 1. Infrastructure design specifications for trunk infrastructure networks and asset classes delivered by both Local Councils and developers. 2. Modelling specifications and parameters e.g. flood models.
What is the desired outcome sought? (required) 200 word limit	<p>The outcome being sought is to develop technical standards that are consistent across the State for Local Government to use to design and plan for climate resilience.</p> <p>Local Government is seeking a policy position and direction from the State and/ or Federal Government to ensure that investment in assets and planning decisions is made in accordance with agreed technical standards and specifications for climate resilience.</p> <p>Guidance, direction and technical support is being sought for, and at a minimum:</p> <ul style="list-style-type: none"> - Adoption of the most appropriate Shared Socioeconomic Pathways (SSP) for the planning



	<p>and design of different asset classes and trunk infrastructure networks.</p> <ul style="list-style-type: none"> - Sea-level rise (updated as needed). - Ocean boundary conditions (selection of tidal range). <p>In addition, Federal and State Government need to simplify the requirements for Local Government to address these issues by providing support for legal processes, policies and planning scheme requirements; rather than individual Councils having to develop policies and strategies, and bear the risk and cost of such, to address these climate resilience challenges.</p>
<p>Background (required) 350 word limit</p>	<p>There is an absence of a consistent and agreed set of technical standards that address climate resilience. Local Governments are grappling with which climate change parameters, especially SSPs, to adopt when planning and designing for high-growth development areas and in dealing with the legacy issues of established communities.</p> <p>Fraser Coast Regional Council (FCRC) is updating the Planning Scheme and is also evaluating climate risks (in particular coastal hazards and flooding). To support this work, technical reports are being commissioned that require specifying parameters for climate change. As more awareness and 'lived experience' of climate-related events are occurring, the need to plan and design for climate resilience is a reality.</p> <p>FCRC is progressing technical work with specified climate parameters, though would like the support and a unified State approach in planning and designing for climate resilience.</p> <p>FCRC also made a submission to the State in May 2025 for the 'Update to "Guide to Flood Studies and Mapping in Queensland" – GFSM', requesting similar guidance and direction for technical standards for climate resilience.</p>
<p>Case study/ Example (optional) 350 word limit</p>	<p>Fraser Coast Regional Council has recently tendered for flood studies for coastal communities from Burrum Heads to River Heads. Council is obligated to undertake the flood studies in accordance with the State Planning Policy (SPP) and Australian Rainfall and Runoff (ARR). Whilst climate resilience is embedded in these guidelines, there is no specific direction to Local Government on selecting an appropriate SSP which</p>

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informs technical input parameters (e.g. temperature, rainfall) for planning and designing infrastructure and growth areas up to 2100.

In developing the scope of works and setting out technical parameters for these projects, it was difficult to decide on which SSP to use to mitigate climate risk and associated impacts. In adopting SSP5 8.5 (the worst-case scenario), Council runs the risk of over-engineered solutions which are potentially cost-prohibitive to deliver and overly conservative.

Council would like the ability to specify an appropriate SSP and climate parameters with greater confidence and with the broader support, guidance and collective intelligence of the State and/ or Federal Government to inform these.

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FRASER COAST REGIONAL COUNCIL
ORDINARY MEETING NO. 7/25

WEDNESDAY, 23 JULY 2025

SUBJECT:	PROCUREMENT POLICY REVIEW
DIRECTORATE:	ORGANISATIONAL SERVICES
RESPONSIBLE OFFICER:	DIRECTOR ORGANISATIONAL SERVICES
AUTHOR:	PROCUREMENT MANAGER
LINK TO CORPORATE PLAN:	Focused Organisation and Leadership. Ensure sound financial management to maintain our long-term financial sustainability.

1. PURPOSE

The purpose of this report is to provide the revised Procurement Policy for Council adoption.

2. EXECUTIVE SUMMARY

The Procurement Policy has been amended as part of the routine review, and continuous improvement process. Changes have been made for language clarification and to address cases where a Panel Arrangement has less than 3 providers. The Procurement Policy is a Council Policy that requires Council adoption annually.

3. OFFICER'S RECOMMENDATION

That Council adopt the amended Procurement Policy (#837195) as per **Attachment 1**.

4. BACKGROUND & PREVIOUS COUNCIL CONSIDERATION

The purpose of this Policy is to outline Procurement guidelines for Council employees to assist in complying with the *Local Government Act 2009* and *Local Government Regulation 2012* in respect to all procurement activities.

Proposed Procurement Policy reviewed as part of the Councillor Briefing on the 16.06.25.

5. PROPOSAL

The Procurement Policy has been amended with only minor updates. A table below has been provided to explain all changes from the perspective of the Procurement Council Policy:

Reference	Changes
Clause 2.2 Table	Added wording "or Panel Arrangement" for clarity to Council Officers.

Procurement Rules	
Clause 4.1 Table 2 Exceptions (<i>Tender Consideration Plan</i>)	Added word “/Quote” as this is more precise language for this exception.
Clause 4.1 Table 2 Exceptions (<i>Other Exceptions – Inability to Quote</i>)	<p>Updated to include for cases where a Panel Arrangement has less than 3 providers.</p> <p>This exception is only available for <u>applies to the following two (2) types of procurement activities:</u></p> <p><u>a. purchases below \$15,000¹; or</u></p> <p><u>b. purchases from a Panel Arrangement which has less than three (3) providers².</u></p> <p>¹If in their best efforts, the Council Officer is unable to obtain <u>the minimum number of</u> quotations, and have satisfied themselves of the Sounds Contracting Principles set out in the Local Government Act (QLD) 104(3), they may request approval from their Executive Manager for an exception, and notify the Procurement Team. This exception must be recorded and approved in the Procurement Exception Form before the purchase is to be made.</p> <p>²<u>Where a Panel Arrangement exists with less than three (3) providers, the minimum number of quotations cannot be achieved; however, the Council Officer must ensure they have satisfied themselves of the Sounds Contracting Principles set out in the Local Government Act (QLD) 104(3) before the purchase is to be made.</u></p>
Clause 9 Associated Documents	Added two (2) associated documents for completeness and convenience for Council Officer’s using this Policy.
Clause 10 Definition	Numbering updated after Clause 9 added into Policy.

6. FINANCIAL & RESOURCE IMPLICATIONS

Not applicable.

7. POLICY & LEGAL IMPLICATIONS

The Procurement Policy is required to be reviewed and adopted annually by Council, pursuant to the Local Government Regulation 2012 s198(3).

8. RISK IMPLICATIONS

This Policy is categorised as a high-risk Policy Risk Category.

The Procurement Policy also addresses various risks including Financial Sustainability, Regulation, Compliance and Legal as well as Leadership and Reputation categories, as per the Enterprise Risk Management Framework and Risk Consequence Table. These risk categories also impact or influence Service Delivery and Economy and Community Risk Consequences.

9. CRITICAL DATES & IMPLEMENTATION

Implementation will occur once the policy is approved.

10. CONSULTATION


Consultation has occurred with key stakeholders throughout the year on policy adjustments, business practices, new case law, legislation changes, thresholds and alike.

11. CONCLUSION

This policy provides the legislative guidance for all procurement activities for Council staff and Councillors.

12. ATTACHMENTS

1. Draft Procurement Council Policy - Final Copy [↓](#)
2. Draft Procurement Council Policy - Marked Up [↓](#)

	COUNCIL POLICY	
	Procurement Council Policy	
	Policy Number	CP071
	Directorate	Organisational Services
	Owner	Ken Diehm, Chief Executive Officer
	Last Approved	25 Jun 2025
	Review Due	25 Jun 2026

1. OBJECTIVE

The objective of this policy is to define the requirements for the acquisition of goods and services and carrying out of work, through the application of Sound Contracting Principles as set out in the *Local Government Act 2009 (QLD)*. The policy defines that Councils hierarchical focus is firstly with *Value for Money*, followed closely by *Local Benefit*.

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2.1 Contracting approach

Council has adopted the *Default Contracting Procedures* as outlined the *Local Government Regulation 2012 (QLD)*. The *Local Government Act 2009 (QLD) s104(3)* sets out the principles governing the making of contracts. These principles apply to all local government procurement activities. When seeking quotations and inviting tenders for the carrying out of work, the supply of goods and services or the disposal of assets, all Council Officers must have regard to the following principles:

- Value for money; and
- Open and effective competition; and
- The development of competitive local business and industry; and
- Environmental protection; and
- Ethical behaviour and fair dealing.

2.2 Purchase Requirements

The purchasing requirements can be determined by using Table 1 below:

Table 1. Procurement Rules

	Over \$200,000 ¹ (Large sized contract)	\$15,000 or more but less than \$200,000 ¹ (Medium sized contract)	\$5,000 or more but less than \$15,000	Under \$5,000
Legislation	Local Government Regulation 2012 (QLD) s 226	Local Government Regulation 2012 (QLD) s 225	Not Applicable	Not Applicable
Form of Quotation	Public Tender or Panel Arrangement	Written Quotation or Panel Arrangement		Verbal, Written or Panel Arrangement
Number of Quotations	Not applicable	Seek a minimum of 3	Seek a minimum of 2	Recommended to seek minimum of 2
Local Benefit Evaluation Weighting ²	Mandatory – Minimum 15%	Optional 10 %		

Local Price Advantage ²	N/A	5% may be applied when the average local benefit score is three (3) or above (as per Table 3 in this policy)
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¹The expected value of a contractual arrangement with a Supplier/Contractor for a financial year, or over the proposed term of the contractual arrangement, is the total expected value of all of the local government's contracts with the Supplier/Contractor for goods and services of a similar type under the arrangement. This is defined as the total expected value of all of the Council's contracts with the Supplier/Contractor for goods and services of a similar type under the arrangement. Purchases are excluded from this requirement if they form part of an exception as set out in Section 4 of this Policy.

²Local Benefit Evaluation Weighting and the Local Price Advantage are not to be used together.

2.3 Canvassing

Businesses are not to engage with Council including its employees, Councillors, consultants or agents to discuss any aspect of the tender, quote or the contract, other than the nominated contact for the tender or quote. If Councillors, Council employees, consultants or agents acting on behalf of Council are contacted by businesses or their representatives, it may disqualify the offer. Councillors and Council employees are to notify the procurement team immediately if they are approached by businesses in this manner.

2.4 Advertising of tenders

In accordance with the *Local Government Regulation 2012* (QLD) s228.

Council's uses an electronic Tenderbox website and will not accept tenders submitted through any other method. Tenders submitted in any other form are not accepted (e.g. email, hardcopy, fax). All correspondence during the tender period are to be through the electronic Tenderbox website (e.g. Enquires, Questions, Clarifications, etc.) to ensure Council has a transparent and equitable tendering process. Late tenders are not accepted by Council.

3. APPLICATION OF THE SOUND CONTRACTING PRINCIPLES

In all procurement activities, regardless of the procurement method (e.g. exception, quote, tender, etc.), Council Officers must have regard for, and satisfy themselves of the Sound Contracting Principles set out in the Local Government Act (QLD) 104(3), and can be found in this policy at Section 2.1. Documented assessment of how the Sound Contracting Principles are satisfied is to be saved to into the Electronic Document Management System.

4. EXCEPTIONS TO SEEKING TENDERS OR QUOTATIONS

4.1. Type of Exceptions

In accordance with the provisions set out in the Local Government Regulation 2012 (QLD) Division 3, Council can seek exceptions from the requirement to invite tenders or quotations on the following basis. Council Officers should refer to Council's Procurement Exceptions guide when considering exceptions:

Table 2. Exceptions

	Legislation	How to seek exception
Tender / Quote Consideration Plan	<i>Local Government Regulation (QLD) s230</i>	<ul style="list-style-type: none"> Council may decide by resolution to prepare a quote or tender consideration plan and then prepare and adopt the plan. The plan must be prepared in accordance with s230(2). To utilise this exception, all Council Officers must place a request with the Procurement Team to ensure the Tender Consideration Plan has their endorsement prior to Council resolution.
Contractor Approved List	<i>Local Government Regulation (QLD) s231</i>	<ul style="list-style-type: none"> An approved contractor list is a list of persons Council considers to be appropriately qualified to provide the services. The list must be produced in accordance with s231(4). To utilise this exception, all Council Officers must place a request with the Procurement Team who will centrally manage this process.
Register of Pre-Qualified Suppliers	<i>Local Government Regulation (QLD) s232</i>	<ul style="list-style-type: none"> Council may establish a list of pre-qualified Supplier/Contractors in accordance with s232(3) to (5). To apply for this exception, all Council Officers must place a request with the Procurement Team who will centrally manage this process.
Preferred Supplier/Contractor Arrangements	<i>Local Government Regulation (QLD) s233</i>	<ul style="list-style-type: none"> The preferred Supplier/Contractor arrangement should be made in compliance with Section 233 Subsections (3) to (8). To apply for this exception, all Council Officers must place a request with the Procurement Team who will centrally manage this process.
Local Government Association Arrangements	<i>Local Government Regulation (QLD) s234</i>	<ul style="list-style-type: none"> Local Government Association Queensland (LGAQ) develops a number of Pre-Qualified Supplier contacts that Local Governments can utilise, and are managed by <i>Local Buy</i>. These arrangements are to be utilised in the same manner as Council Panel Arrangements, except when placing an order, the Contract number must be referenced in the Purchase Order. Contract numbers are available from Councils Procurement Team.
Other Exceptions	<i>Local Government Regulation (QLD) s235</i>	<p>Council may enter into a medium-sized contractual arrangement or large-sized contractual arrangement without first inviting written quotes or tenders if:</p> <ol style="list-style-type: none"> Council resolves that it is satisfied that there is only one Supplier/Contractor who is reasonably available; or Council resolves that because of the specialised or confidential nature of the services that are sought, it would be impractical or disadvantageous to invite quotes or tenders; or A genuine emergency exists; or Council purchases goods at an auction; or Council purchases second-hand goods; or Contract is made with, or under an arrangement with, a government agency. <p>To apply for exceptions under s235 (a) & (b) above, all Council Officers must place a request with the Procurement Team to seek endorsement prior to Council resolution. To utilise the remainder of exceptions under this section (s235 (c-f)), it is recommended that the Procurement Team be advised for support and/or guidance. s235 (c-e) must have Director approval prior to making the purchase.</p>

	<i>Inability to quote</i>	<p>This exception applies to the following two (2) types of procurement activities:</p> <ol style="list-style-type: none"> purchases below \$15,000¹; or purchases from a Panel Arrangement which has less than three (3) providers². <p>¹ If in their best efforts, the Council Officer is unable to obtain the minimum number of quotations, and have satisfied themselves of the Sounds Contracting Principles set out in the Local Government Act (QLD) 104(3), they may request approval from their Executive Manager for an exception, and notify the Procurement Team. This exception must be recorded and approved in the Procurement Exception Form before the purchase is to be made.</p> <p>² Where a Panel Arrangement exists with less than three (3) providers, the minimum number of quotations cannot be achieved; however, the Council Officer must ensure they have satisfied themselves of the Sound Contracting Principles set out in the Local Government Act (QLD) 104(3) before the purchase is to be made.</p>
	<i>Third Party Owned Utility Assets</i>	<p>For a proposed medium-sized or large-sized contractual arrangement for services to remove and/or relocate/reinstall third party owned utility assets, the following are requirements:</p> <ol style="list-style-type: none"> That the assets are installed in, on, under or over a Council road or local government controlled area or facility under the authority of an Act or with the permission of Council; and That the works are required, due to, or as a consequence of, Council's operational activities or requirements and in order to allow Council's operations to proceed; and That the contractual arrangement is to be entered with the third party utility assets' owner.

5. EVALUATION OF OFFERS & TENDERS

All evaluations must be undertaken using a consistent methodology taking into consideration the principles outlined in Section 2.1 of this policy where appropriate. Tenders are to be evaluated according to the approved in the procurement plan. Council Officers must:

- Ensure evaluation criteria are displayed in the tender documents that are released to the public to allow a transparent and equitable approach to the market; and
- Ensure the evaluation criteria does not change once the public tender has been advertised, unless the market is notified appropriately.

Awarding of Tenders:

- Tenders between \$200,000 and \$500,000 can be awarded by the Director responsible for that tender; or
- Tenders between \$500,000 and \$1 million can be awarded by the ELT or the CEO; or
- Tenders over \$1 million are to be awarded by Council*; or
- Tenders for the development of *Panel Arrangements* can be awarded by the ELT.

**Exception - Tenders that are deemed urgent by the CEO may to be directed to the CEO for awarding.*

Awarding of Quotations: Quotations can be awarded by the Council Officer with the appropriate financial delegation. This includes Quotations which were sought through an exception detailed in section 5 of this policy which may exceed the thresholds outlined in the awarding of tenders section above.

5.1. Publishing requirements

In accordance with the *Local Government Regulation 2012* (QLD) s237.

6. LOCAL PREFERENCE

Driving value for money is the primary principle of this policy. All Procurement activities must achieve the best return and performance for the money being spent, practising good governance utilising public money; however, price is not the sole indicator of value. A major contributor to value for Council is the benefits to the economy gained by utilising local businesses.

Council encourages the development of competitive local business within the Fraser Coast Region. To support this, Council mandates a minimum of 15% weighting for *Local Benefit* in all Tender Evaluations. The specific percentage is to be determined for each tender according to the complexity, category, project type and/or discretion of the department responsible for that tender. All tenderers will be requested to demonstrate local benefits to the Fraser Coast region. *Local Benefit* is defined in accordance with Table 3 below:

Table 3. Local Benefit Rating

Score (out of 5)	Local Supplier/Contractor ¹	Score (out of 5)	Local Content ²
5	Sole Office or Head Office within Fraser Coast	5	85-100% of content is sourced ⁴ from within the Fraser Coast
4	Branch Office within the Fraser Coast.	4	60-84% of content is sourced ⁴ from within the Fraser Coast
3	Local Subcontractor(s) or employees conducting the majority ³ of works	3	45-59 % of content is sourced ⁴ from within the Fraser Coast
2	Adjacent Local Government businesses (Gympie, Bundaberg & Burnett).	2	40-44% of content is sourced ⁴ from within the Fraser Coast
1	All other QLD locations	1	1-39% of content is sourced ⁴ from within the Fraser Coast
0	All Other	0	0% of content is sourced ⁴ from within the Fraser Coast

¹ *Local Supplier/Contractor is defined as all physical workforce requirements (e.g. people, labour hire)*

² *Local Content is defined as all non-workforce requirements (e.g. equipment hire, materials, fuels, enabling services, etc.)*

³ *Majority is defined as more than 2/3 of the works*

⁴ *"Sourced" is defined as "purchased from," as opposed to the products origin or original point of manufacture.*

The Local Benefit score is to be established through the use of the Tenderers *Demonstrated Local Benefit Statement*. When evaluating *Local Benefit*, the *Demonstrated Local Benefit Statement* it is to be used to determine whether the tenderer is, or is contributing towards:

- The use of local materials, and/or assembly and fabrication in the region;
- Not locally based, but utilising local goods, materials or services;
- The use of local transport carriers, holding yards or distribution warehouses;
- The use of local Supplier/Contractors, sub-contractors/supplier and/or labour hire; and
- The level of local employment, apprenticeships, or other community or local business 'multiplier' benefit or effect on the region.

The use of Table 3 will depend on the type of tender that is being evaluated. In some instances, both the "Content" and "Supplier/Contractor" categories will be applied, and an average of the two scores is to be used in the evaluation. If there is an anticipated absence of local Supplier/Contractors or content for a tender, Executive Leadership Team approval is required for removal of the Local Benefit weighting from the evaluation criteria.

7.1 Local Price Advantage (under \$200,000 only)

For all purchases with an expected worth less than \$200,000, if the best pricing is not from a Fraser Coast business but the Fraser Coast business's price is within 5% of the price from a business outside the Fraser Coast region, then the Fraser Coast business must be selected. The Local Price Advantage is only to be applied if a like-for-like comparison is available, and where all other criteria evaluated are the same between the Fraser Coast business and the business outside the Fraser Coast region.

7. WORK HEALTH AND SAFETY ACT

All aspects of the *Work Health and Safety Act and Regulations (Qld)* and all other legislation in respect to work health and safety and amendments, must be adhered to in relation to Council purchases. Supplier/Contractors and their employees must comply with the *Work Health and Safety Act and Regulations (Qld)* and all other legislation when working for, or supplying Council.

8. CONFLICTS OF INTEREST AND ACCEPTANCE OF GIFTS

All Council employees, when purchasing goods and services will act impartially, advance the interests of the Council and maintain a high level of professionalism, confidentiality and accountability. All Council employees must comply with the Council's Code of Conduct, Conflicts of Interest and Acceptance of Gifts Policy and disclose interest provisions when purchasing goods and services.

If Council Officers realise a Conflict of Interest may or has occurred, their first action is to notify their supervisor. Supervisors are to contact the Governance Team for further advice.

9. ASSOCIATED DOCUMENTS

Procurement Management Policy # [5020154](#)
Guide - Applying the Sound Contracting Principles #[3598477](#)

10. DEFINITIONS

Term	Definition
Local Buy	A company owned by the Local Government Association of Queensland (LGAQ), established to provide procurement services and solutions to Queensland councils.
Electronic Tenderbox Website	An electronic (web based) tendering facility used for all Tender advertisements and Tender responses by Supplier/Contractor.
Panel Arrangements	Under the Local Government Regulation 2012, Chapter 6, Division 3, s231-234, Council can establish a number of arrangements. There are a number of variants available, but the term Panel Arrangement refers to them collectively.
Purchasing Limits	All purchasing limits exclude GST
Quality Assurance	Quality Assurance is a method whereby a purchaser is assured that the item purchased will be of consistent quality over time. It is preferred that Suppliers/Contractors have in place a quality system which complies with all relevant standards that apply to the particular goods or services to be supplied. Quality assured Supplier/Contractors are issued with a certificate and are audited regularly by Queensland Government departments. This certificate shall be readily available for inspection and/or displayed in a prominent position in the Supplier/Contractors business premises.
Similar type	means a similar good, service or works.
Tender	means a tender lodged in response to the Request for Tender.
Tenderer	means any person/business lodging a Tender.
Value for money	The concept of value for money is not restricted to price alone. The value for money assessment must also include consideration of: i. Availability. ii. Whole-of-life cost factors including transaction costs associated with acquisition, reliability, maintenance and disposal. iii. Non-cost factors including fitness for purpose, clean energy strategies, quality, service and support. iv. Sustainability factors v. Advantage of buying local

Version Control

Version Number	Key Changes	Approval Authority	Approval Date	Document Number
12	Amendment – Review	Council	26/05/2022	837195
15	Amendment – Review	Council	22/05/2024	837195

16	Amendment – Review	Council	25/06/2024	837195
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	COUNCIL POLICY	
	Procurement Council Policy	
	Policy Number	CP071
	Directorate	Organisational Services
	Owner	Ken Diehm, Chief Executive Officer
	Last Approved	25 Jun 2025
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Other Exceptions	Local Government Regulation (QLD) s235	<p>Council may enter into a medium-sized contractual arrangement or large-sized contractual arrangement without first inviting written quotes or tenders if:</p> <ol style="list-style-type: none"> Council resolves that it is satisfied that there is only one Supplier/Contractor who is reasonably available; or Council resolves that because of the specialised or confidential nature of the services that are sought, it would be impractical or disadvantageous to invite quotes or tenders; or A genuine emergency exists; or Council purchases goods at an auction; or Council purchases second-hand goods; or Contract is made with, or under an arrangement with, a government agency. <p>To apply for exceptions under s235 (a) & (b) above, all Council Officers must place a request with the Procurement Team to seek endorsement prior to Council resolution. To utilise the remainder of exceptions under this section (s235 (c-f)), it is recommended that the Procurement Team be advised for support and/or guidance. s235 (c-e) must have Director approval prior to making the purchase.</p>

	Inability to quote	<p>This exception is only available for applies to the following two (2) types of procurement activities:</p> <p>a. purchases below \$15,000¹; or</p> <p>b. purchases from a Panel Arrangement which has less than three (3) providers²</p> <p>¹If in their best efforts, the Council Officer is unable to obtain the minimum number of quotations, and have satisfied themselves of the Sounds Contracting Principles set out in the Local Government Act (QLD) 104(3), they may request approval from their Executive Manager for an exception, and notify the Procurement Team. This exception must be recorded and approved in the Procurement Exception Form before the purchase is to be made.</p> <p>²Where a Panel Arrangement exists with less than three (3) providers, the minimum number of quotations cannot be achieved; however, the Council Officer must ensure they have satisfied themselves of the Sounds Contracting Principles set out in the Local Government Act (QLD) 104(3) before the purchase is to be made.</p>	<p>Formatted: Font: (Default) Calibri, 10 pt</p> <p>Formatted: Font: (Default) Dutch (scalable);Cambria</p> <p>Formatted: Font: (Default) Dutch (scalable);Cambria</p> <p>Formatted: Font: (Default) Calibri, 10 pt</p> <p>Formatted: Font: (Default) Calibri, 10 pt</p> <p>Formatted: Font: 10 pt</p> <p>Formatted: Font: (Default) Calibri, 10 pt</p> <p>Formatted: Not Superscript/ Subscript</p> <p>Formatted: Font: 10 pt</p>
	Third Party Owned Utility Assets	<p>For a proposed medium-sized or large-sized contractual arrangement for services to remove and/or relocate/reinstall third party owned utility assets, the following are requirements:</p> <p>a. That the assets are installed in, on, under or over a Council road or local government controlled area or facility under the authority of an Act or with the permission of Council; and</p> <p>b. That the works are required, due to, or as a consequence of, Council's operational activities or requirements and in order to allow Council's operations to proceed; and</p> <p>c. That the contractual arrangement is to be entered with the third party utility assets' owner.</p>	

5. EVALUATION OF OFFERS & TENDERS

All evaluations must be undertaken using a consistent methodology taking into consideration the principles outlined in Section 2.1 of this policy where appropriate. Tenders are to be evaluated according to the approved in the procurement plan. Council Officers must:

- Ensure evaluation criteria are displayed in the tender documents that are released to the public to allow a transparent and equitable approach to the market; and
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Awarding of Tenders:

- Tenders between \$200,000 and \$500,000 can be awarded by the Director responsible for that tender; or
- Tenders between \$500,000 and \$1 million can be awarded by the ELT or the CEO; or
- Tenders over \$1 million are to be awarded by Council*; or
- Tenders for the development of *Panel Arrangements* can be awarded by the ELT.

**Exception - Tenders that are deemed urgent by the CEO may be directed to the CEO for awarding.*

Awarding of Quotations: Quotations can be awarded by the Council Officer with the appropriate financial delegation. This includes Quotations which were sought through an exception detailed in section 5 of this policy which may exceed the thresholds outlined in the awarding of tenders section above.

5.1. Publishing requirements

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2	Adjacent Local Government businesses (Gympie, Bundaberg & Burnett).	2	40-44% of content is sourced ⁴ from within the Fraser Coast
1	All other QLD locations	1	1-39% of content is sourced ⁴ from within the Fraser Coast
0	All Other	0	0% of content is sourced ⁴ from within the Fraser Coast

¹ Local Supplier/Contractor is defined as all physical workforce requirements (e.g. people, labour hire)

² Local Content is defined as all non-workforce requirements (e.g. equipment hire, materials, fuels, enabling services, etc.)

³ Majority is defined as more than 2/3 of the works

⁴ "Sourced" is defined as "purchased from," as opposed to the products origin or original point of manufacture.

The Local Benefit score is to be established through the use of the Tenderers *Demonstrated Local Benefit Statement*. When evaluating *Local Benefit*, the *Demonstrated Local Benefit Statement* it is to be used to determine whether the tenderer is, or is contributing towards:

- a) The use of local materials, and/or assembly and fabrication in the region;
- b) Not locally based, but utilising local goods, materials or services;
- c) The use of local transport carriers, holding yards or distribution warehouses;
- d) The use of local Supplier/Contractors, sub-contractors/supplier and/or labour hire; and
- e) The level of local employment, apprenticeships, or other community or local business 'multiplier' benefit or effect on the region.

The use of Table 3 will depend on the type of tender that is being evaluated. In some instances, both the "Content" and "Supplier/Contractor" categories will be applied, and an average of the two scores is to be used in the evaluation. If there is an anticipated absence of local Supplier/Contractors or content for a tender, Executive Leadership Team approval is required for removal of the Local Benefit weighting from the evaluation criteria.

7.1 Local Price Advantage (under \$200,000 only)

For all purchases with an expected worth less than \$200,000, if the best pricing is not from a Fraser Coast business but the Fraser Coast business's price is within 5% of the price from a business outside the Fraser Coast region, then the Fraser Coast business must be selected. The Local Price Advantage is only to be applied if a like-for-like comparison is available, and where all other criteria evaluated are the same between the Fraser Coast business and the business outside the Fraser Coast region.

7. WORK HEALTH AND SAFETY ACT

All aspects of the *Work Health and Safety Act and Regulations (Qld)* and all other legislation in respect to work health and safety and amendments, must be adhered to in relation to Council purchases. Supplier/Contractors and their employees must comply with the *Work Health and Safety Act and Regulations (Qld)* and all other legislation when working for, or supplying Council.

8. CONFLICTS OF INTEREST AND ACCEPTANCE OF GIFTS

All Council employees, when purchasing goods and services will act impartially, advance the interests of the Council and maintain a high level of professionalism, confidentiality and accountability. All Council employees must comply with the Council's Code of Conduct, Conflicts of Interest and Acceptance of Gifts Policy and disclose interest provisions when purchasing goods and services.

If Council Officers realise a Conflict of Interest may or has occurred, their first action is to notify their supervisor. Supervisors are to contact the Governance Team for further advice.

9. ASSOCIATED DOCUMENTS

[Procurement Management Policy # 5020154](#)
[Guide - Applying the Sound Contracting Principles #3598477](#)

9-10. DEFINITIONS

Term	Definition
Local Buy	A company owned by the Local Government Association of Queensland (LGAQ), established to provide procurement services and solutions to Queensland councils.
Electronic Tenderbox Website	An electronic (web based) tendering facility used for all Tender advertisements and Tender responses by Supplier/Contractor.
Panel Arrangements	Under the Local Government Regulation 2012, Chapter 6, Division 3, s231-234, Council can establish a number of arrangements. There are a number of variants available, but the term Panel Arrangement refers to them collectively.
Purchasing Limits	All purchasing limits exclude GST
Quality Assurance	Quality Assurance is a method whereby a purchaser is assured that the item purchased will be of consistent quality over time. It is preferred that Suppliers/Contractors have in place a quality system which complies with all relevant standards that apply to the particular goods or services to be supplied. Quality assured Supplier/Contractors are issued with a certificate and are audited regularly by Queensland Government departments. This certificate shall be readily available for inspection and/or displayed in a prominent position in the Supplier/Contractors business premises.
Similar type	means a similar good, service or works.
Tender	means a tender lodged in response to the Request for Tender.
Tenderer	means any person/business lodging a Tender.
Value for money	The concept of value for money is not restricted to price alone. The value for money assessment must also include consideration of: i. Availability. ii. Whole-of-life cost factors including transaction costs associated with acquisition, reliability, maintenance and disposal. iii. Non-cost factors including fitness for purpose, clean energy strategies, quality, service and support. iv. Sustainability factors v. Advantage of buying local

Version Control

Version Number	Key Changes	Approval Authority	Approval Date	Document Number
12	Amendment – Review	Council	26/05/2022	837195

CP071 – Procurement Council Policy
eOCS #837195

Current at time of printing only
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15	Amendment – Review	Council	22/05/2024	837195
16	Amendment – Review	Council	25/06/2024	837195

FRASER COAST REGIONAL COUNCIL
ORDINARY MEETING NO. 7/25

WEDNESDAY, 23 JULY 2025

SUBJECT:	REQUEST FOR NEW LEASES - MCFIE PARK SPORTING FIELDS
DIRECTORATE:	ORGANISATIONAL SERVICES
RESPONSIBLE OFFICER:	DIRECTOR ORGANISATIONAL SERVICES
AUTHOR:	LEASING & LAND SPECIALIST
LINK TO CORPORATE PLAN:	Connected, Inclusive Communities and Spaces. Provide inclusive cultural, sporting and recreation opportunities to encourage community participation.

1. PURPOSE

The purpose of this report is to recommend two new freehold community group leases be entered into with the Hervey Bay Surf Lifesaving Club Inc. and the Beachhouse Fishing Club Inc. over their respectively suitable parts of the existing Council owned shed, located at Mcfie Park sporting fields, Tavistock Street, Torquay, described as Lot 3 on RP35214.

2. EXECUTIVE SUMMARY

Following assessment of an Expression of Interest Lease Proposal for community organisations to lease Council owned land or part of/all of an existing shed on that Council owned land located at Mcfie Park sporting fields, Tavistock Street, Torquay, the successful respondents seeking tenure are the Hervey Bay Surf Lifesaving Club Inc. and Beachhouse Fishing Club Inc..

The proposed leases will be for storage purposes only and held over individual parts of the existing shed as shown in *Attachment 1*.

The community organisations have complied with the governance requirements of the Fraser Coast Regional Council Land/Lease Assistance for Not-for-Profit Incorporated Community Groups (Sport, Recreation, Arts and Culture and Community) Policy and have submitted their Certificates of Incorporation, Certificates of Currency, and independently audited financial statements.

Consultation has occurred with both clubs and staff comments have been obtained. No objection to the proposed new leases was raised.

3. OFFICER'S RECOMMENDATION

That Council:

1. Pursuant to *Local Government Regulation 2012*, Chapter 6, Sections 236 (1) (b) (ii), resolves to apply the exemption to dispose of an interest in land to the Hervey Bay Surf

Life Saving Club Inc over part of an existing shed located at Mcfie Park sporting fields, Tavistock Street, Torquay and described as Lot 3 on RP35214, without the need for a tender or auction.

2. Pursuant to *Local Government Regulation 2012*, Chapter 6, Sections 236 (1) (b) (ii), resolves to apply the exemption to dispose of an interest in land to the Beachhouse Fishing Club Inc over part of an existing shed located at Mcfie Park sporting fields, Tavistock Street, Torquay and described as Lot 3 on RP35214, without the need for a tender or auction.
3. Delegates authority to the Chief Executive Officer to determine the terms and conditions satisfactory to Council and otherwise negotiate and execute the lease.

4. BACKGROUND & PREVIOUS COUNCIL CONSIDERATION

Council invited Expressions of Interest (“EOI”) for the lease of Mcfie Park sporting fields, Tavistock Street, Torquay to identify suitably qualified and experienced parties to activate and utilise the site in alignment with Council’s strategic objectives.

The EOI process was conducted in accordance with Council’s procurement policy. Submissions were assessed against published criteria, and following evaluation, preferred respondents were identified. As the EOI process does not constitute a tender or auction under Section 227 of the *Local Government Regulation 2012*, Council is required to resolve to dispose of the land by lease in accordance with an applicable exemption under Section 236 of the Regulation.

5. PROPOSAL

That Council enters into a new Freehold Lease for storage purposes only, for a period of 5 years with the Hervey Bay Surf Life Saving Club Inc. and the Beachhouse Fishing Club Inc. over their respective parts of the existing shed located at Mcfie Park sporting fields, Tavistock Street, Torquay, as shown in **Attachment 1**.

A five-year lease term is proposed and considered appropriate to minimise upgrade costs for community groups and to retain flexibility for future use of the site, pending the outcome of the strategic land audit.

6. FINANCIAL & RESOURCE IMPLICATIONS

In alignment with the Fraser Coast Regional Council Land/Lease Assistance for Not For Profit Incorporated Community Groups (Sport, Recreation, Arts and Culture and Community) Policy, costs associated with the preparation of the lease agreement are the responsibility of the Lessees, including but not limited to legal, surveying and registration fees.

The Lease is over part of a building and therefore the Clubs will be required to obtain a survey plan, at their cost, to identify the Lease area for registration purposes. The Clubs are aware of this and of the likely costs for obtaining the plan. The lease fee applied for community group leases under this policy is \$1 per annum.

7. POLICY & LEGAL IMPLICATIONS

Local Government Regulation 2012, Chapter 6, Section 236 (1) (b) (ii) permits Council to dispose of an interest in land (a valuable non-current asset) to a community organisation without inviting tenders or conducting an auction provided approval is granted via a Council resolution.

The policy relating to this matter is the Fraser Coast Regional Council Land/Lease Assistance for Not-for-Profit Incorporated Community Groups (Sport, Recreation, Arts and Cultural and Community).

8. RISK IMPLICATIONS

N/A

9. CRITICAL DATES & IMPLEMENTATION

If approved by Council, the new leases will be prepared in accordance with Council's Land/Lease Assistance for Not-for-Profit Incorporated Community Groups (Sport, Recreation, Arts and Culture and Community) Policy.

10. CONSULTATION

Consultation has occurred with the intended lessees and Council officers. No objection to the new leases has been raised.

11. CONCLUSION

New leases will provide the community organisations with suitable tenure to store their equipment to enable continued operations to support the broader community. The proposed new leases are supported by Council officers.

12. ATTACHMENTS

1. Locality Map [↓](#)

**Attachment 1
Locality Map**

77 Tavistock Street, Torquay



FRASER COAST REGIONAL COUNCIL
ORDINARY MEETING NO. 7/25

WEDNESDAY, 23 JULY 2025

SUBJECT:	REEF GUARDIAN COUNCIL COUNCILLOR NOMINATIONS
DIRECTORATE:	STRATEGY, COMMUNITY & DEVELOPMENT
RESPONSIBLE OFFICER:	DIRECTOR STRATEGY, COMMUNITY & DEVELOPMENT
AUTHOR:	MANAGER SUSTAINABILITY
LINK TO CORPORATE PLAN:	Resilient and Environmentally Responsible Region. Partner with community and industry to protect and enhance our natural environment for future generations to enjoy.

1. PURPOSE

To confirm and accept Councillor nominations for the Executive Committee representatives of the Reef Guardian Councils program to enable Council to make the final submission to become a member to the Reef Guardian Councils program.

2. EXECUTIVE SUMMARY

Fraser Coast Regional Council (FCRC) has prepared a submission to become a member of the Reef Guardian Council program. To finalise the submission, an Action Plan and nominations for the Executive Committee and Working Group and a signed Memorandum of Understanding (MoU) by Council's Chief Executive Officer is required to be submitted to the Great Barrier Marine Park Authority (Reef Authority). A briefing note was submitted to Council on Monday 7 July 2025 calling for nominations from Councillors for Executive Committee representatives. Councillor Zane O'Keefe was nominated to be the primary representative and Councillor Michelle Govers was nominated as a proxy.

3. OFFICER'S RECOMMENDATION

That Council:

1. Confirm and accept Councillor Zane O'Keefe as the primary representative and Councillor Michelle Govers as a proxy for the Executive Committee of the Reef Guardian Council program.
2. Delegate authority to the Chief Executive Officer to finalise and submit documentation to the Reef Authority to become a member of the Reef Guardian Councils program.

4. BACKGROUND & PREVIOUS COUNCIL CONSIDERATION

At Council's Ordinary Meeting held on Wednesday 23 April 2025, Council resolved to become a member of the Reef Guardian Council. To finalise FCRC's membership, an Action Plan and

nominations for the Executive Committee and Working Group and a signed Memorandum of Understanding by Council's Chief Executive Officer is required to be submitted to the Great Barrier Marine Park Authority (Reef Authority).

The Action Plan has been prepared and is now in final draft to submit. Other requirements to finalise FCRC's membership to the program are to nominate a Councillor (and a proxy of similar seniority) for the Executive Committee and for the Chief Executive Officer to sign the MoU.

On Monday 7 July 2025, a briefing note was submitted calling for Councillor nominations for the Executive Committee representatives. Councillor Zane O'Keefe was nominated to be the primary representative and Councillor Michelle Govers was nominated as a proxy

In general, the Executive Committee role commitments are to:

- attend meetings as required, but at least twice per year with one meeting being in-person. Proxies may be permitted where approved through the Reef Authority;
- share information and advice on issues that affect the Reef; and
- provide a united voice for local governments in the Reef catchment in advocating for action and external funding.

5. PROPOSAL

Confirm and accept Councillor nominations for the Reef Guardian Councils' Executive Committee with Councillor Zane O'Keefe as the primary representative and Councillor Michelle Govers as the proxy. Once all documentation is completed, the Chief Executive Officer will make the final submission to the Reef Authority to become a member of the Reef Guardian Councils program.

6. FINANCIAL & RESOURCE IMPLICATIONS

Resource implications for participation in the Reef Guardian Councils program are mostly in relation to Councillor and officer time which is limited. There are some opportunities for travel to meet with other member Councils within Queensland which may be subsidised by the program.

7. POLICY & LEGAL IMPLICATIONS

Participation in the program is guided by the *Great Barrier Marine Park Act 1975* (GBMRMP Act).

8. RISK IMPLICATIONS

There are limited risks in participating in the Reef Guardian Councils program. Risks to be mindful of are:

- Reputational risk – ensure that FCRC is represented well in the program and participates as required.
- Operational risk – ensure that reporting requirements for the Action Plan are met.

9. CRITICAL DATES & IMPLEMENTATION

There is no critical date for submission of Council's application, however the next combined Reef Guardian Councils' Executive Committee and Working Group meeting and field days are scheduled to occur on 20–21 August 2025 in Rockhampton and Yeppoon.

10. CONSULTATION

In developing the Action Plan for the program, teams across Council were consulted to include the completed, ongoing and/ or planned actions related and relevant to the program.

Councillors were also consulted at Council's Ordinary Meeting held on Wednesday 23 April 2025 where it was resolved to become a member of the Reef Guardian Councils program.

11. CONCLUSION

To finalise the submission for membership to the Reef Guardian Councils program, the nominations for the Executive Committee representatives; being Councillor Zane O'Keefe as the primary representative and Councillor Michelle Govers as the proxy, will be forwarded to the Reef Authority. The other documentation to be forwarded to the Reef Authority for the membership submission will be FCRC's Action Plan and the signed MoU by Council's Chief Executive Officer.

12. ATTACHMENTS

Nil

FRASER COAST REGIONAL COUNCIL
ORDINARY MEETING NO. 7/25

WEDNESDAY, 23 JULY 2025

SUBJECT:	BUSHFIRE RISK MITIGATION STRATEGY
DIRECTORATE:	INFRASTRUCTURE SERVICES
RESPONSIBLE OFFICER:	DIRECTOR INFRASTRUCTURE SERVICES
AUTHOR:	BUSHFIRE RISK MITIGATION OFFICER
LINK TO CORPORATE PLAN:	Resilient and Environmentally Responsible Region. Partner with community and industry to protect and enhance our natural environment for future generations to enjoy.

1. PURPOSE

The purpose of this report is to seek Council's adoption and endorsement of the Bushfire Risk Mitigation Strategy (**Attachment 1**), developed by Fireland Consultancy.

2. EXECUTIVE SUMMARY

In 2023, Fraser Coast Regional Council engaged Fireland Consultancy to develop a comprehensive Bushfire Risk Mitigation Strategy (the Strategy) for Council-controlled land within the Fraser Coast region. The Strategy provides a detailed and practical framework for addressing bushfire risks and aligns with Council's Bushfire Risk Assessment and Mitigation Policy.

The Strategy details the following:

- Council's legal obligations and how they can be met using bushfire best management practice
- A guide for fire trail development, and the completion of an audit of Council's existing trails
- A region-wide risk assessment using spatial models to prioritise Council-managed reserves
- Bushfire risk mitigation plans for ten priority reserves
- A five-year bushfire mitigation program
- Guidelines for bushfire management on Council-controlled land.

3. OFFICER'S RECOMMENDATION

That Council adopt and endorse the Bushfire Risk Mitigation Strategy as the guiding framework for bushfire risk mitigation activities across Council-controlled land in the Fraser Coast Region.

4. BACKGROUND & PREVIOUS COUNCIL CONSIDERATION

In 2010, Fraser Coast Regional Council (FCRC) endorsed a bushfire management strategy, which provided the overarching framework for bushfire management across the region. An accompanying bushfire management operations plan was also developed to support implementation of the strategy. As a result, several strategic fire trails and separation areas were established. However, over time, inconsistencies in the maintenance of these assets and the coordination and delivery of bushfire risk mitigation burns became apparent.

To address these issues, the Chief Executive Officer endorsed the Bushfire Risk Assessment and Mitigation Policy 2022–2025. Following on from this, the Disaster Management and Natural Environment teams collaborated to engage Fireland Consultancy, who undertook risk assessments and developed tailored bushfire management plans for key areas. This work informed the development of the FCRC Bushfire Risk Mitigation Strategy, a five-year plan outlining bushfire risk mitigation actions for the FCRC region and burn plans for ten priority Council-managed reserves. The strategy also establishes a scalable model for future bushfire risk mitigation planning across additional Council bushland.

FCRC further strengthened its commitment to bushfire resilience in 2024, by recruiting a Bushfire Risk Mitigation Officer. This dedicated role is responsible for implementing bushfire risk mitigation strategies and actions in alignment with the Bushfire Risk Assessment and Mitigation Policy 2022–2025.

5. PROPOSAL

It is proposed to deliver the bushfire risk mitigation measures as detailed in the Strategy, with the aim of reducing the risk posed by bushfire, to life, infrastructure and our environment.

6. FINANCIAL & RESOURCE IMPLICATIONS

Operational budget is available to deliver fire trail and separation area installation and maintenance, and pre-burn risk mitigation work, including cultural heritage and flora and fauna assessments.

Effective bushfire risk mitigation requires strategic investment into fire trail and separation area construction, and the maintenance of accessibility (e.g. road surface works, gates and signage). This work may require capital funding to deliver necessary and prioritised projects, in accordance with the Strategy, over several years.

7. POLICY & LEGAL IMPLICATIONS

The Strategy supports the practical implementation of the Bushfire Risk Assessment and Mitigation Policy 2022–2025, providing an operational framework to achieve objectives.

8. RISK IMPLICATIONS

Risk Category	Risk Description	Mitigation Action
Economic	Potential disruption to local economic activities (e.g. tourism, agriculture) due to unmanaged bushfire impacts.	Implement the Bushfire Risk Mitigation Strategy to reduce potential for fire impacts on economically sensitive areas.
Financial	Increased response and recovery costs due to unmanaged fire events; potential for unbudgeted emergency expenditures.	Strategic investment in mitigation actions reduces long-term emergency and recovery costs.
Infrastructure and Assets	Damage or loss to Council and community infrastructure (e.g. reserves, roads, facilities) resulting from preventable bushfire spread.	Proactive fire trail and asset management to protect infrastructure and improve emergency response access.
Reputation	Perception of Council inaction or inadequate planning could lead to loss of public trust and community criticism, particularly after a bushfire event.	Adoption and implementation of the Strategy demonstrates responsible risk management and community care.
People and Safety	Fatalities and injuries resulting from preventable bushfire spread.	Deliver risk mitigation actions in accordance with the Strategy.

9. CRITICAL DATES & IMPLEMENTATION

The five-year mitigation program outlined in the Strategy was intended to commence in 2024. However, it was adjusted to begin in 2025, to align with resourcing and operational planning. The 2025 risk mitigation burn season recommended by the Queensland Fire Department is currently underway; this generally occurs between April and September while conditions are not conducive to bushfire. It is critical that we begin to deliver some risk mitigation burns to reduce the risk in bushfire season.

Ongoing maintenance of Fire trails and separation areas maintenance continues to be delivered through the Natural Environment Bushfire Risk Mitigation operational budget. This ensures continuation of essential mitigation works.

10. CONSULTATION

A key component of consultation regarding the Strategy was a Councillor briefing forum, held during May 2025. Elected representatives were presented an overview of the Strategy, which included its goals and outcomes, Council's legal obligations, the infrastructure that is already maintained and strategic plans for fuel reduction and ecological burns.

Internal consultation has also been undertaken with key departments and teams—including mowing, arboriculture, and slashing crews—to ensure alignment of on-ground works with bushfire risk mitigation objectives. Ongoing discussions with Council's Planning and Development team are focused on the potential integration of the strategy into future land use planning.

Externally, Fraser Coast Regional Council has consulted with the Queensland Fire Department regarding the Bushfire Management Strategy. Engagement has also taken place with several Local Disaster Fire Management Groups (LDFMG), the Department of Natural Resources and Mines, Manufacturing and Regional and Rural Development, Queensland Parks and Wildlife Service, and Hancock Queensland Plantations to address adjoining mitigation blocks. Additionally, local Rural Fire Brigades have been consulted to support operational coordination and identify priority areas or areas of concern.

Consultation has also taken place with Native Title holders to ensure cultural considerations are appropriately addressed in planned mitigation activities.

11. CONCLUSION

The Bushfire Risk Mitigation Strategy provides Fraser Coast Regional Council with a practical, evidence-based framework to manage bushfire risk across Council-controlled land. Developed to align with the Bushfire Risk Assessment and Mitigation Policy 2022–2025, the Strategy outlines a prioritised, long-term approach to mitigation, legal compliance, environmental management, and community safety. Formal adoption and endorsement of the Strategy will enable consistent implementation, guide future investment in risk management infrastructure, and strengthen Council's coordinated response to bushfire risk

12. ATTACHMENTS

1. Bushfire Risk Mitigation Strategy - Docs #5238769 [↓](#)



Bushfire Management Trail Classification



Cultural acknowledgements

The authors would like to respectfully acknowledge the Butchulla Traditional Owners of the land on which this guide is intended to be used, including Elders both past and present.

Citation

Tidey, B. Hines, F. Smalberger, B (2024), Fraser Coast Regional Council – Bushfire Management Trail Classification, Fireland Consultancy.

Version Control

Revision	Date	Prepared by	Reviewed by	Approved by	Comments
V0.1	24/08/23	BT	FH	FH	Initial internal structure
V0.2	07/09/23	BT	FH	FH	Initial draft document for internal review
V0.3	19/09/23	FH			Draft document for client review
V0.4	20/09/23	BS	FH		Draft document for internal review
V0.5	15/11/23	FH	BT & BS		Draft document for internal review
V0.6	08/01/24	FH	BT & BS		Draft document for internal review
V1.0	09/01/24	FH	BT & BS	FH	Final

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About this guide

Purpose

This Guide is intended to provide a succinct written and visual display of the desired performance standards for firelines based on a Fireline Classification.

The performance standards are based on existing QPWS guidelines.

Application context

The guide is designed to inform all levels of management and field staff to support fireline development and maintenance. The guide can both provide planning context to desired standards but equally allow post maintenance expectations to be visualised. The guide is very much intended to support on ground personnel in implementing maintenance activities to meet the required performance standards for a specific fireline.

Use

The guide provides performance standards for each Fireline Classification. The performance standards detail desired outcomes for carriageway width and associated vegetation management to facilitate passage of the identified vehicle type.

Importantly and as a priority, the performance standards detail activities to provide for fire crew safety during fire events along with actions to support the safe control and containment of fires utilising the fireline.

It is recognised that some sections of firelines will be practically, economically, environmentally or culturally unsuitable to comply with the entirety of the performance standards. Where this occurs every effort to meet all practical components of the performance standard should be made with consideration of alternative methods of maintenance actions to meet the intent of the standards. Fireline sections that are unable to be meet the intent of the standard should be spatially recorded with the constraints to meeting the standards recorded.

Assumption and limitations

These performance standards have been prepared based on the following assumptions:

- The identified fire trail network will be used by suitably trained and competent fire response personnel capable of operating in the expected physical environment; and
- Risk assessments as to the suitability of the Fireline given the current and predicted weather and fire behaviour are undertaken prior to commitment of resources during a planned or unplanned event.

These Standards have been prepared considering the following limitations:

- Fire trails as identified in these Standards are for the purposes of bush fire suppression and other fire management purposes. While it is recognised that fire trails may also be used for other purposes (including other land management and commercial purposes), such uses do not fall within the scope of these Standards; and
- The Performance criteria and Acceptable solutions specified in these Standards cater for standard off-road capable appliances currently utilised by the local agencies.

Priority of works

This guide does not provide for prioritising of works. The Fire Trail Audit should be referenced to support work prioritisation.

Related resources

- QPWS (2022), *Fireline Management Guideline*, QPWS Technical Services
- QPWS (2015), *Procedural Guide - Fireline classification marking and identification*. Department of National Parks, Sport and Racing.
- NSW Rural Fire Service (2016), *NSW RFS Fire Trail Standards 2016 – Version 1.1*
- NSW Soil Conservation Service (2017), *NSW Rural Fire Service Fire Trail Design, Construction and Maintenance Manual*
- Bushfire Centre of Excellence (2023), *Guide to Mechanical Bushfire Mitigation - Using machinery to effectively reduce bush fire hazards in a safe and environmentally sustainable manner*. Department of Fire and Emergency Services, Western Australia.
- Hines et al (2010), *Overall Fuel Hazard Assessment Guide*, Department of Sustainability and Environment.
- Australasian Fire and Emergency Service Authorities Council (2018), *Managing Tree Hazards*, AFAC, Melbourne, Australia.
- NSW Rural Fire Service (2023), *RFS NSW Fire Trail Standards November 2023 V2.0*

Strategic firelines

Performance standards

Requirement	Performance criteria	Acceptable solutions
<i>Carriageway</i>	The width of the trail provides for safe, reliable and unobstructed passage by a Rural Medium Appliance within acceptable operational limits.	The trafficable surface has a width of 4 metres except for short constrictions to 3.5 metres for no more than 30 metres in length where an obstruction cannot be reasonably avoided or removed.
<i>Vertical clearance</i>	A cleared corridor is provided above the trail, which permits the unobstructed passage of a Rural Medium Appliance.	A minimum vertical clearance of 3.5 metres is provided above the surface of the carriageway clear of obstructions.
<i>Shoulder</i>	A cleared shoulder is provided beside the trail, which provides a crew work zone to enable firefighters to exit from, and access equipment in the vehicle and work safely.	5 metre wide area extending either side from the outer edge of carriageway in which: <ul style="list-style-type: none"> • surface hazards (logs, stumps and stacks) have been removed. Stumps if not removed are to be left high (minimum 1 metre) or permanently marked. • Near-surface fuels are regularly maintained. • Elevated fuels have been removed. • hazardous trees (dead, structurally compromised or hollow trees) have been removed. • trees, other than Banksia species, may be retained if they: <ul style="list-style-type: none"> » do not impede vegetation management machinery, and » are not hazardous trees, and » have a bark hazard of Moderate or less.
<i>Tree hazard zone</i>	Reduce the likelihood of hazardous trees falling onto the Shoulder or Carriageway.	Hazardous trees (dead, structurally compromised or hollow trees): <ul style="list-style-type: none"> • removed within one tree length of the outer edge of the Shoulder (45° line). Assess, mark, map and treat tree hazards and habitat trees (refer to <i>AFAC Managing Tree Hazards</i>).
<i>Passing</i>	The trail provides for two Rural Medium Appliances to pass at appropriate intervals to avoid unacceptable delays in operations.	Capacity for passing bays is provided every 250 metres comprising a widened trafficable surface of at least 5.5 metres for a length of at least 15 metres.
<i>Turnarounds</i>	The trail provides for a turning manoeuvre for a Rural Medium Appliance to return in the direction from which it came at appropriate intervals and at the termination of a trail.	A turning area is provided at the termination of a trail and every 500 metres.
<i>Capacity</i>	The construction and formation of the trail is trafficable under all weather conditions (other than due to flood or storm surge) for a Rural Medium Appliance.	Trail surfaces and crossing structures are capable of carrying vehicles with a gross vehicle mass of 8 tonnes and an axle load of 6 tonnes.
<i>Soil erosion and sediment runoff</i>	Effective erosion and sediment control measures are in place.	Refer to NSW Soil Conservation Service (2017) for guidance.

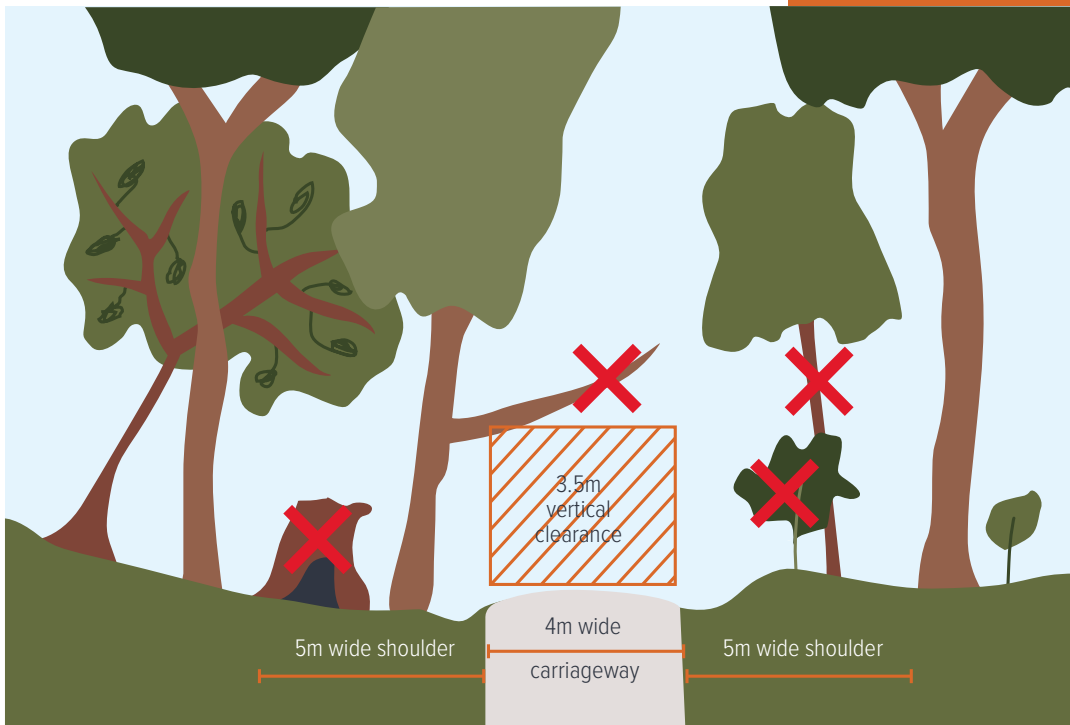


Figure 1: Vegetation removal requirements for strategic firelines

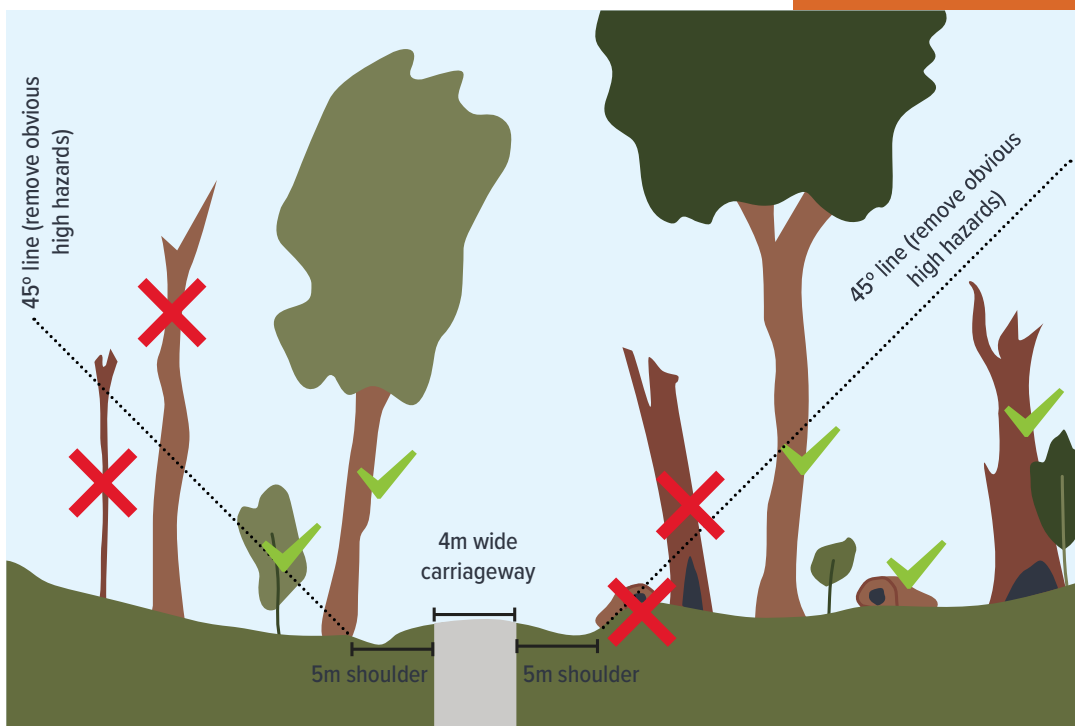


Figure 2: Tree hazard zone for strategic firelines

Examples of strategic firelines meeting performance standards



Strategic Firelines

Examples of strategic firelines with defects



Strategic Firelines

Secondary firelines

Performance standards

Requirement	Performance criteria	Acceptable solutions
<i>Carriageway</i>	The width of the trail provides for safe, reliable and unobstructed passage by a Rural Light Appliance within acceptable operational limits.	The trafficable surface has a width of 3 metres except for short constrictions to 2.5 metres for no more than 30 metres in length where an obstruction cannot be reasonably avoided or removed.
<i>Vertical clearance</i>	A cleared corridor is provided above the trail, which permits the unobstructed passage of a Rural Light Appliance.	A minimum vertical clearance of 3 metres is provided above the surface of the carriageway clear of obstructions.
<i>Shoulder</i>	A cleared shoulder is provided beside the trail, which provides a crew work zone to enable firefighters to exit from, and access equipment in the vehicle and work safely.	3 metre wide area extending either side from the outer edge of carriageway in which: <ul style="list-style-type: none"> • surface hazards (logs, stumps and stacks) have been removed. Stumps if not removed are to be left high (minimum 1 metre) or permanently marked. • Near-surface fuels are regularly maintained. • Elevated fuels have been removed. • hazardous trees (dead, structurally compromised or hollow trees) have been removed. • trees, other than Banksia species, may be retained if they: <ul style="list-style-type: none"> » do not impede vegetation management machinery, and » are not hazardous trees, and » have a bark hazard of Moderate or less.
<i>Tree hazard zone</i>	Reduce the likelihood of hazardous trees falling onto the Shoulder or Carriageway.	Hazardous trees (dead, structurally compromised or hollow trees): <ul style="list-style-type: none"> • removed within one tree length of the outer edge of the Shoulder (45° line). Assess, mark, map and treat tree hazards and habitat trees (refer to <i>AFAC Managing Tree Hazards</i>).
<i>Passing</i>	The trail provides for two Rural Light Appliance to pass at appropriate intervals to avoid unacceptable delays in operations.	Capacity for passing bays is provided every 250 metres comprising a widened trafficable surface of at least 5 metres for a length of at least 15 metres.
<i>Turnarounds</i>	The trail provides for a turning manoeuvre for a Rural Light Appliance to return in the direction from which it came at appropriate intervals and at the termination of a trail.	A turning area is provided at the termination of a trail and every 500 metres.
<i>Capacity</i>	The construction and formation of the trail is trafficable under dry weather conditions for a Rural Light Appliance.	Trail surfaces and crossing structures are capable of carrying vehicles with a gross vehicle mass of 4.5 tonnes and an axle load of 2.5 tonnes
<i>Soil erosion and sediment runoff</i>	Effective erosion and sediment control measures are in place.	Refer to NSW Soil Conservation Service (2017) for guidance.

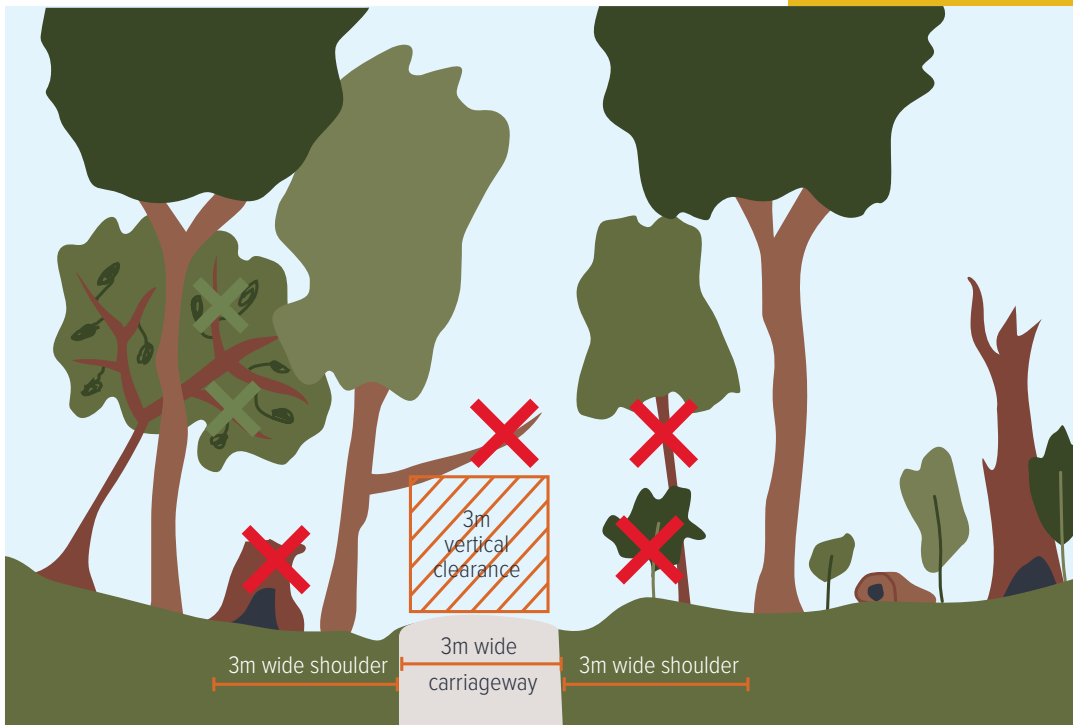


Figure 3: Vegetation removal requirements for secondary Firelines

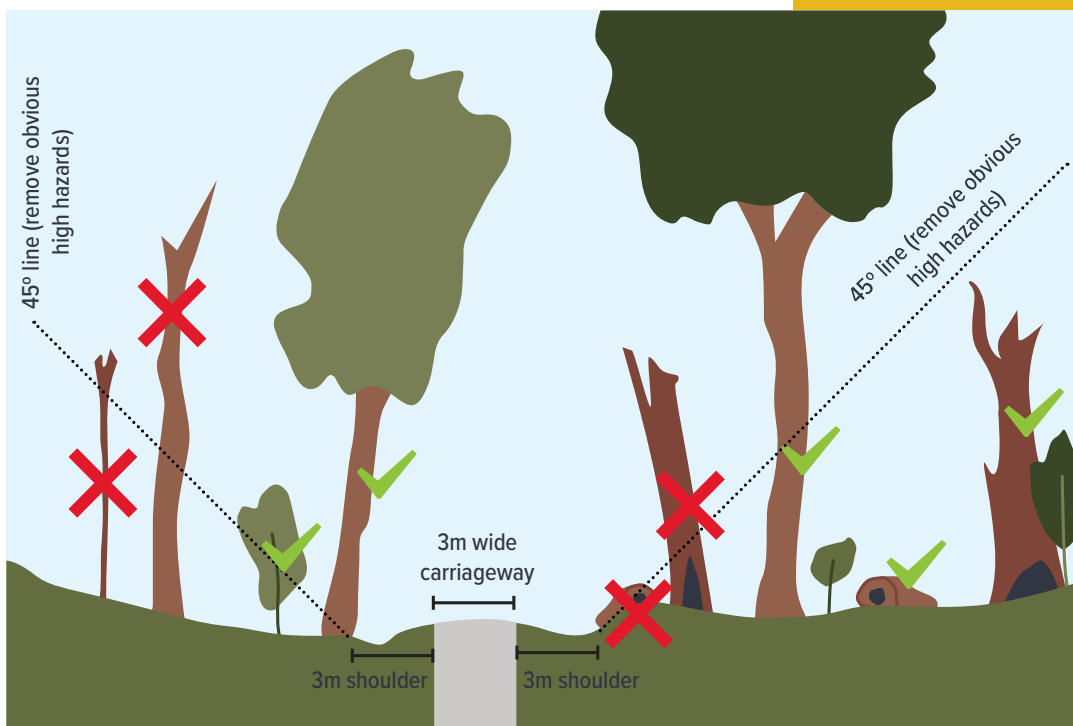
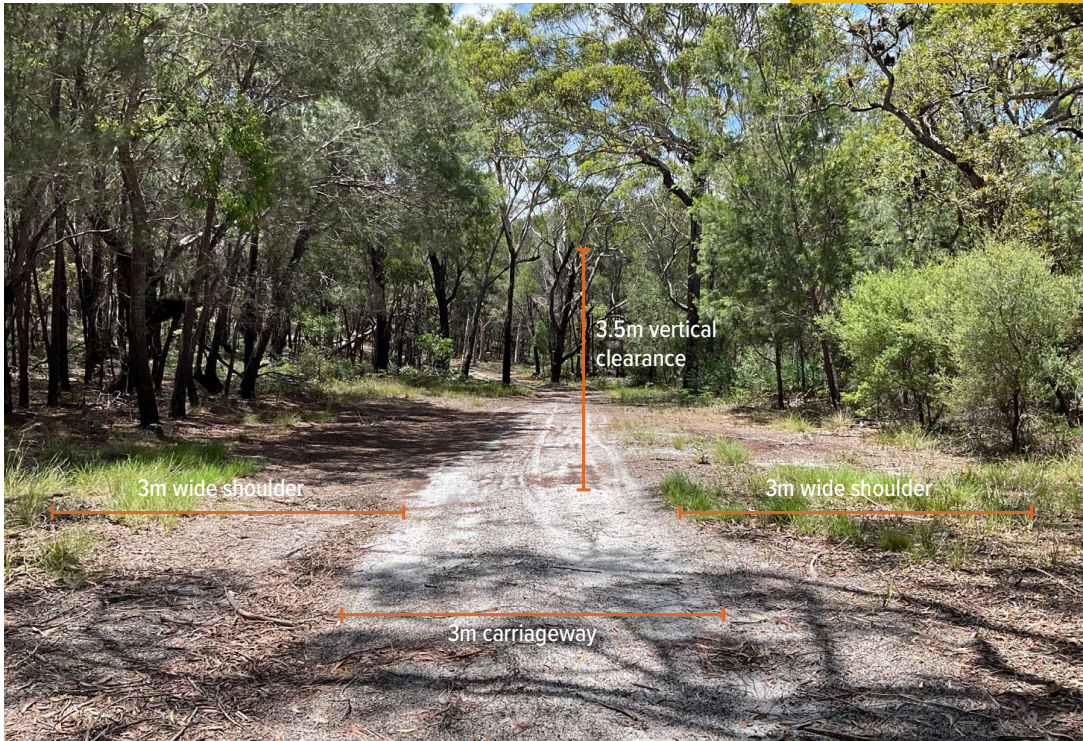


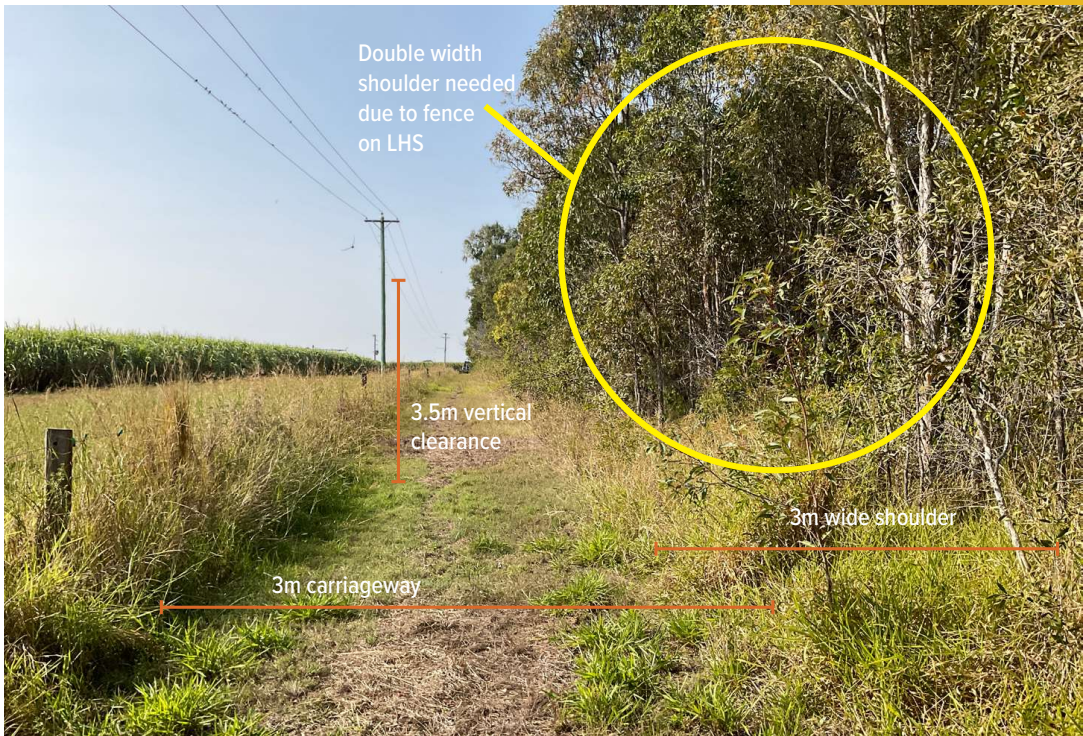
Figure 4: Tree hazard zone for secondary firelines

Examples of secondary firelines meeting performance standards



Secondary Firelines

Examples of secondary firelines with defects



Secondary Firelines

Utility access

Utility access trails are commonly found along powerline easements, pipelines and railways. Construction and maintenance efforts are typically low as they are only needed for occasional use. Maintenance is only conducted on an as needed basis to support infrastructure management or replacement.

These trails may be used for fire management purposes including to protect or prevent damage to infrastructure or as control lines.

General condition

Requirement	Typical Outcomes
<i>Carriageway</i>	<ul style="list-style-type: none"> The width of the trail provides for occasional passage by vehicles for inspection and maintenance of the associated infrastructure. The trafficable surface typically has a width of 2.5 - 3 metres.
<i>Vertical clearance</i>	<ul style="list-style-type: none"> Vertical clearance above the trafficable surface is maintained as needed for infrastructure use and protection (ie prevention of vegetation encroachment into powerlines). The vertical clearance may be highly variable as trafficable surface may be located on edge of easement where vegetation maintenance for infrastructure use and protection is not required.
<i>Shoulder</i>	<ul style="list-style-type: none"> Carriageway may be located against one side of the easement meaning there may only be a cleared shoulder on one side of the carriageway. Easement may include: <ul style="list-style-type: none"> 5 - 20 metre wide area of managed elevated fuels. surface hazards (logs, stumps and stacks) that have been removed. Near-surface fuels that are typically not maintained.
<i>Tree hazard zone</i>	<ul style="list-style-type: none"> Hazardous trees (dead, structurally compromised or hollow trees) beside the easement are generally not managed unless they are likely to impact the associated infrastructure.
<i>Passing</i>	<ul style="list-style-type: none"> The trail typically does not provide trafficable spaces that allow for two vehicles to pass. Passing may require the use of easement where appropriate. Stumps and materials from vegetation management may be present.
<i>Turnarounds</i>	<ul style="list-style-type: none"> The trail typically does not provide trafficable spaces that allow a vehicle to perform a turning manoeuvre at regular intervals. Turning around may require the use of easement where appropriate. Stumps and materials from vegetation management may be present.
<i>Capacity</i>	<ul style="list-style-type: none"> The construction and formation of the trail is typically trafficable under dry weather conditions. Trails are typically not designed and constructed to specific weight limits.
<i>Soil erosion and sediment runoff</i>	<ul style="list-style-type: none"> Typically there are no or minimal erosion and sediment control measures in place.

Examples of typical utility access tracks



Utility Access



Access control

Objectives:

Decisions regarding which access control structure or technique to apply will be dependent on the management objectives. These objectives may include:

- Prevention of all access (i.e. permanent closure).
- Prevention of unauthorised access whilst still allowing access for fire and land management activities.
- Prevention of illegal dumping. Achieving this objective will typically require restricting or preventing access, improving visibility and removal of evidence of previous dumping.

These objectives will heavily influence decisions around design and siting.

Other factors that will also influence design and siting include:

- Soil and substrate type (ease of installation and soil holding strength).
- Visibility – areas with limited visibility are more likely to be challenged.
- Accessibility – locations with limited space and high visibility are less likely to be challenged.
- Visitation – frequency of use or potential access.
- Type of access being prevented – 2WD vehicles, 4WD vehicles, Trail bikes, pedestrian.
- Vehicle types needing access – this will impact the width of gates, setback distance off road edges and turning or swept path requirements.
- Number of user groups – determines if multiple locks need to be fitted to allow access by different groups.
- Surrounding vegetation – can the access point be easily bypassed by driving through the surrounding vegetation.
- Surrounding slope and terrain – can the access point be easily bypassed. Wing fencing / barriers may be needed to prevent bypassing.
- Durability to natural degradation – ability to withstand impact or degradation due to bushfire, high soil moisture, seasonal inundation, or saline environments.
- Durability to challenge – materials used, design and lock mechanisms (if fitted).
- Budget and resources available – covering purchase, installation, repair and replacement.
- Aesthetic impact – important for high visitation public use recreation sites.

Access control is typically an iterative and ongoing process. A combination of access control techniques may need to be employed to achieve effective control.

Summary of access control options:

Type	Prevents	General effectiveness	Preferred site visibility	Difficulty of installation	Relative cost
Chain gates	Unauthorised access	Low	High	Low	Low
Standard farm gates	Unauthorised access	Moderate	Moderate	Moderate	Moderate
Slip rail gates	Unauthorised access	Moderate	Moderate	Moderate	Mod - High
Bollards - removable	Unauthorised access	Moderate	Moderate	Mod - High	High
Custom steel gates	Unauthorised access	High	Low	High	High
Boulders	All access	Moderate	Moderate	Low	Low
Concrete blocks	All access	High	Low	Moderate	Moderate
Bollards - fixed	All access	Moderate	Moderate	Moderate	Mod - High
Earth mounds / ditches	All access	High	Low	Moderate	Low
Fencing	All access	Varies	Low	Moderate	Varies

Examples of access control options:**Chain gates**

Cost effective and easy to install. However, they offer less robustness making them appropriate for situations where minimal control is needed, such as high visibility sites.

**Standard farm gates**

All round balanced option. Suitable for high visibility sites such as urban parks. Can be easily overcome by undoing fasteners, cutting chains or locks.

**Slip rail gates**

More durable than farm gates and chain gates. Less expensive option than custom gates. Can be driven over if rail is not high enough.



Custom steel gates

Expensive but offers a high level of effectiveness. Suitable for scenarios where tailored security and control are essential, including water catchments and remote locations with low visitation.

**Fencing**

wide variety of fencing material options are available including cable, wire, chain mesh, timber and steel pipe. Length of fence required, durability to challenge, type of access being prevented, and budget are key considerations. Simple wire fences are easily cut. Barbed wire provides more effective access control but has fauna implications.

**Boulders**

robust, don't deteriorate with time. Visual amenity impacts may be reduced by using locally sourced materials. Need to be large enough to prevent them being pushed by vehicles. Angular rocks are better as they are more resistive to being pushed / winched out. Ripping or roughing up the substrate underneath before placing improves security.



Concrete blocks

robust, don't deteriorate with time. Visual amenity impacts. Easy to install with crane truck or backhoe. Need to be sufficient size to resist being pushed or winched out of position. Hard substrate under the blocks (i.e. bitumen) makes make displacing them easier. Ripping or roughing up the substrate underneath before placing improves security.

**Bollards (fixed or removable)**

time consuming to install. Softwood bollards can be easily cut. Can be winched or pushed out if not installed deep enough in sandy soils. These circumstances may require concrete footing which increases cost. Bollards can be fitted with locks to allow temporary removal and access.

**Earth mounds / ditches**

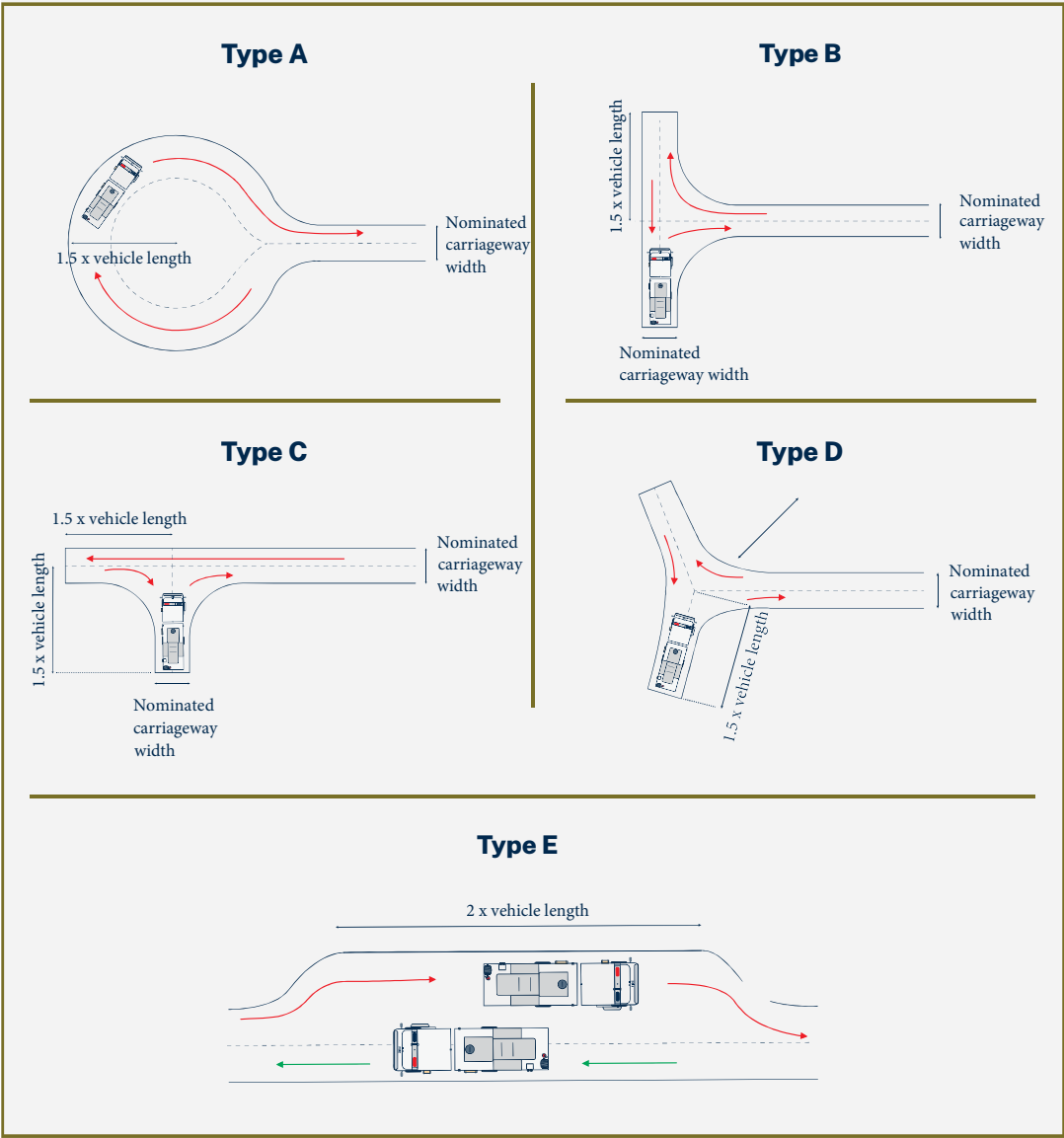
need to be well designed to prevent people driving over them. Importing soil onto site brings risks of introducing weeds.



Passing and turning opportunities

Passing and turning opportunities are an important consideration in fireline design and maintenance. The table below identifies four common and functional designs to support the performance criteria listed for each fireline class.

Practical locations for installing turning and passing bays may differ from acceptable solutions outlined in this guide. Create bays where suitable, appropriate and least effort while satisfying the intent of the performance criteria. Avoid heavy earth works with cut and fill where possible.



Source: Bushfire Centre of Excellence (2023)

Examples of typical appliances

Rural Heavy Appliance (4WD)

Approximate dimensions	
Length	8200 mm
Width	2400 mm
Height	3700 mm
Ground clearance	310 mm
Weight	Up to 14200kg



Rural Medium Appliance (4WD)

Approximate dimensions	
Length	6200 mm
Width	2040 mm
Height	3050 mm
Ground clearance	230 mm
Weight	Up to 7500kg



Rural Light Appliance (4WD)

Approximate dimensions	
Length	5300 mm
Width	1750 mm
Height	2600 mm
Ground clearance	220 mm
Weight	Up to 3700kg





Fraser Coast Regional Council

Post-incident/activity checklist

Purpose:

To be used by Council staff after a bushfire, storm, cyclone or planned burn has occurred on Council owned or managed lands.

This checklist is broken into 3 parts. **Parts 1 and 2** are to be completed immediately post incident by a Council Officer in the field. Details collected during the use of the checklist are to be recorded in the Incident Log section. Forward the completed checklist and any supporting information (e.g. photos) to the Natural Environment Team as soon as reasonably practicable.

Part 3 is to be completed by the Natural Environment Team.

Date and time of incident or activity:				
Incident or activity type:	<input type="checkbox"/>	Bushfire.	<input type="checkbox"/>	Cyclone.
	<input type="checkbox"/>	Storm.	<input type="checkbox"/>	Planned Burn.
Address / Suburb / Reserve Name:				

Consideration of Disaster Recovery Funding Arrangements:

What scale or magnitude of incident is this checklist addressing?	<input type="checkbox"/>	Single property only.	<input type="checkbox"/>	Multiple properties in one area.
	<input type="checkbox"/>	Single Reserve.		
Name of the wider incident: <i>E.g. Burgowan Waters - Sunshine Acres bushfire</i>				

Part 1 - Immediate actions:

Risk to human life/public:

Q1. Is the affected site used by members of the public, Council staff or Contractors?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No

ACTION: if Yes – implement immediate physical closure of all access tracks and walking tracks until hazardous tree assessment and treatment has been completed. Refer to *Hazard Tree Assessment and Treatment Checklist*. Relay closure information to FCRC Communications teams for dissemination to minimise public visitation.

Q2. Has an initial post incident hazard tree assessment been undertaken by the incident response agency or activity manager?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No

ACTION: if Yes – record what areas have been assessed, when, what hazards were identified and treated and who undertook the assessment and treatment. **Note:** A comprehensive assessment must still be undertaken of all public use areas by an appropriately qualified Council Arborist or Contract Arborist prior to reopening any areas for public use. Refer to *Hazard Tree Assessment and Treatment Checklist*.


Damage to critical infrastructure:

Q3. Does the site contain any critical infrastructure such as powerlines, pipelines, public roads or telecommunications infrastructure?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No
Q4. Is there any known damage to critical infrastructure on the site?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No
	<input type="checkbox"/>	Not assessed

ACTION: if Yes or Not Assessed – inform relevant infrastructure owner/operator that damage has or may have occurred, and an inspection is required. Advise the attending utility company representative of the status of hazardous tree treatment. Access (e.g. for damage inspection) should not be granted until hazardous tree treatment has been completed.

Q5. Were any other hazards uncovered or identified during the incident response or activities? (i.e. mine shafts, asbestos, etc.)	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No

ACTION: if Yes – record what hazards have been identified, their location and what mitigations have been put in place. Ensure hazards are isolated prior to reopening any areas for public use.

Damage to non-Council assets:

Q6. Did the incident or activity directly cause loss or damage to immediately adjoining privately owned assets? For example, damage to boundary fencing, damage to privately owned structures or assets from fallen trees that originated on Council land.	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No

ACTION: if Yes – where safe to do so organise temporary works to prevent further damage and loss if required. Obtain consent from private property owner where possible before undertaking works. Record details of loss or damage including time and date stamped georeferenced photos before and after undertaking temporary works. Record details of temporary works undertaken and recommendations for additional works to be undertaken.



Part 2 - Short-term actions:

Damage to council infrastructure or assets:

Q7. Have any Council managed public use assets or structures (e.g. shelters, BBQ's, toilets) been damaged or destroyed as a result of the incident, incident response or activities?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No
Q8. Have any access control structures (e.g. gates, fences) or fire trail surfaces been damaged or destroyed as a result of the incident, incident response or activities?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No

ACTION: if Yes – where safe to do so organise temporary works to prevent further damage and loss if required. Implement immediate physical closure of all affect infrastructure or assets. Record details of loss or damage including time and date stamped georeferenced photos before and after undertaking temporary works. Record details of temporary works undertaken and recommendations for additional works to be undertaken.

Q9. Have any new fire trails been constructed, or historic fire trails been reopened?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No

ACTION: if Yes – capture the alignment of the trail using appropriate mapping tools.

Unauthorised access control:

Q10. Has the aftermath of the incident enabled new or potential access points (e.g. as a result of vegetation changes or new tracks)?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No

ACTION: if Yes – record the location and recommendations for long-term solution. Consider erecting temporary barriers/signs to reduce unauthorised access.

Date and time Part 1 & 2 of checklist completed:	
Council Officers name:	
Council Officers signature:	

ACTION: Forward the completed checklist, Incident Log and any supporting information (e.g. photos) as soon as reasonably practicable to the Natural Environment Team.



Incident Log

Use this sheet to record key decisions made or actions taken:

Date	Time	To or From	Name of person	Organisation	Notes



Part 3 – Review and long-term actions:

To be completed by the Natural Environment Team.

Review the information contained in **Parts 1 & 2** of this checklist and the details captured in the **Incident Log**.

Implement any appropriate recommendations and actions to address the issues identified.

Complete the following sections to inform long term planning and actions.

Consideration of Disaster Recovery Funding Arrangements:

Q11. Does the estimated financial cost of damage from the incident potentially trigger the activation of Disaster Recovery Funding Arrangements (DRFA)? I.e. is it projected to exceed \$581, 723?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No

ACTION: if Yes – Pass details of the damage on to Council's QRA Liaison officer

Q12. Do activities that were undertaken to address the immediate emergency and protection of the general public potentially meet the Counter Disaster Operations (CDO) criteria for reimbursement? I.e. did the cost of the response activities exceed \$230, 000?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No

ACTION: if Yes – Pass details of the damage on to Council's QRA Liaison officer.

Supporting information:

See the information sheet and guidelines below for further guidance on DRFA and CDO triggers, activation and eligibility.



0417 DFRA &
SDRA_MAR_22_0.pdf



queensland_disaster
_funding_guidelines_

See the Disaster Recovery Funding Arrangements (DRFA) pre-season checklist below for guidance on data capture, data management and reporting.



preseasonchecklistv
9.pdf

Vegetation structure changes:

Q13. Does the incident, response or activity provide opportunities to undertake complimentary weed or pest management activities?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No

ACTION: if Yes – document recommended complimentary activities to be undertaken including species to be targeted, treatment type, locations and timing.


Bushfire ignition management:

Q14a. If the incident was a bushfire, was location and source of ignition identified?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No
	<input type="checkbox"/>	Not applicable
Q 14b. If the answer to Q 12a is Yes, are there additional measures that can be implemented to reduce the risk of ignition, fire spread, loss or damage (i.e. improved access control, planned burning, mechanical fuel treatment adjacent to assets).	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No
	<input type="checkbox"/>	Not applicable

ACTION: if Yes – acquire and comprehensively document all relevant information for further assessments.

Implications for the Planned Burning program:

Q15a. Did the bushfire fire occur in an area scheduled for planned burning?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No
	<input type="checkbox"/>	Not applicable
Q 15b. If the answer to Q 13a is Yes, did the bushfire achieve the identified objectives for the planned burn (i.e. planned burn objectives have been met therefore the burn can be removed from the Indicative Planned Burn Schedule).	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No
	<input type="checkbox"/>	Not applicable
Q 15c. If the answer to Q 13b is No, do the identified objectives for the planned burn need to be adjusted?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No
	<input type="checkbox"/>	Not applicable

ACTION: Amend the Bushfire Management Plans and Indicative Planned Burn Schedule as required.

Impacts on Natural and Cultural Values:

Q16. Did the following occur: disturbance or impacts to threatened species, critical habitat, endemic species, fire sensitive species or any other natural values on site?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No

ACTION: if Yes – record details of impacts and assess the urgency and significance. Seek to understand Council's role and responsibilities around compliance with environmental legislation. Consider implementing short and/or long-term mitigations.

Q17. Was there any known disturbance or impacts to cultural values on site?	<input type="checkbox"/>	Yes
	<input type="checkbox"/>	No

ACTION: if Yes – initiate the due diligence process in accordance with the Cultural Heritage Duty of Care Guidelines.

Date and time Part 3 of checklist completed:	
Council Officers name:	
Council Officers signature:	

Version control:

Revision	Date	Prepared by	Reviewed by	Approved by	Comments
V0.1	25/03/24	FH	BS		Initial internal structure
V0.2	26/03/24	BS	FH		Initial draft document for internal review
V0.3	11/4/24	FH	BT		Draft document following internal review
V0.4	12/4/24	FH		FH	Initial document for client review
V1.0	22/5/24	FH		FH	Final document following client review

Fraser Coast Regional Council

Bushfire Management Trails – Table of Indicative Maintenance Costs



Introduction and background

This table of indicative maintenance costs has been developed as part of an audit of FCRC bushfire management trail network conducted by Fireland Consultancy. This table can be used in conjunction with the enhanced fire trail spatial dataset and the recommendations contained in the Audit Report to prioritise and program works.

It should be noted that the costs in this table are indicative only. Numerous factors influence both production rates and hourly rates for these works. Examples of these factors are detailed within this report.

Table of indicative costs for Firetrail, Separation Area and Reduced Fuel Zone works.

Machine type	Indicative cost per hour	Indicative production rate (ha / 8 hour day) ¹			
		Near-surface fuels	Near-surface and light Elevated fuels	Near-surface and moderate Elevated fuels (<10cm DBH) ³	Near-surface and heavy Elevated fuels (>10cm DBH) ³
Brush-cutter	\$50 - \$80	1 - 2	N/A	N/A	N/A
Tractor slasher	\$70 - \$100	2 - 3	1.5 - 2	N/A	N/A
Tractor with jungle buster slasher	\$90 - \$130	N/A	2 - 2.5	1.5 - 2	N/A
Positrack with mulcher head	\$120 - \$200	N/A	N/A	2 - 2.5	1.5 - 2
Forest mulcher	\$180 - \$250	N/A	N/A	2.5 - 3	2 - 2.5
Excavator with mulcher	\$200 - \$300	N/A	N/A	2 - 2.5	1.5 - 2
Dozer D4/D5 ²	\$180 - \$250	N/A	N/A	N/A	0.5 - 1
Dozer D6 ²	\$220 - \$350	N/A	N/A	N/A	1 - 1.5

Notes:

¹ Assumes flat ground and sandy soils. Rates are expressed in hectares treated in an 8 hour day, excluding travel to and from site.

² Assumes material is going to be pushed into piles or windrows for subsequent burning.

³ Not including significant overabundant saplings, midstory thickening or advanced regrowth.

Factors that influence the cost and production rates:

- Mechanism of procurement. There are many ways to procure these works such as:
 - Panel of providers with a flat hourly or day rate for each work type (i.e. grass slashing vs forest mulching).
 - Fixed price for a limited number of trails.
 - Fixed price for a larger area (e.g. all of Burgowan Waters).
- Vegetation type, vegetation density, timber density and size (e.g. mulching softwoods is quicker than mulching Acacia regrowth).
- Terrain including cross slope.
- Surface conditions (sandy vs rocky soils), logs, stumps, erosion, etc.
- Site accessibility and remoteness, including floating.
- Treatment specifications of Proposed Standard (i.e. does the shoulder vegetation need to be reduced to a certain size).
- Known natural or cultural values on site - due diligence processes.
- Frequency and timing of ongoing maintenance. More frequent treatment when vegetation regrowth is less typically easier on machinery and operators.
- Aesthetics for trails that require fine detailed works and tidiness, e.g. trails in Botanic Gardens vs Lenthals Dam.
- Hydrology, e.g. restricted access at Black Swamp Baxters due to drainage line crossings/swampy areas.
- Selection of machinery and equipment. This may be dictated by terrain and vegetation.

Examples of different site and vegetation types and corresponding machinery type:

Tractor Slasher	Jungle Buster Slasher	Posi-track with mulcher head
		
Forest mulcher	Excavator with mulcher	Dozer
		

Version control

Revision	Date	Prepared by	Reviewed by	Approved by	Comments
V0.1	19/01/24	BS	FH	FH	Draft document structure for internal review
V0.2	27/02/24	BS	FH	FH	Draft document for internal review
V0.3	22/4/24	BS	FH	FH	Draft document for client review
V1.0	08/05/24	FH	FH	FH	Final document for client

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Fraser Coast Regional Council

Hazardous tree assessment and treatment checklist

Purpose:

To be used by Council staff after a bushfire, severe weather event (storm or cyclone) or planned burn has occurred on Council owned or managed lands. This checklist is used to record the actions taken to assess and mitigate potential risks associated with hazardous trees following incidents or activities. This checklist does not override any standard Council processes for assessing and managing tree risks.

This checklist is to be completed immediately post incident by a Council Officer in the field and then submitted to the Natural Environment Team. Forward the completed checklist and any supporting information (e.g. photos) as soon as reasonably practicable. This checklist should be used in conjunction with the *FCRC Post-incident checklist*.

Date and time of incident or activity:				
Reserve Name / Address:				
Incident or activity type:	<input type="checkbox"/>	Bushfire	<input type="checkbox"/>	Cyclone
	<input type="checkbox"/>	Storm	<input type="checkbox"/>	Planned Burn

Hazardous tree assessment context setting:

Q1. Area being assessed is likely to be accessed by:

- ☐ Public.
- ☐ Council Staff.
- ☐ Contractors.

Q2. Area being assessed includes:

- ☐ Public use facilities (e.g. picnic areas).
- ☐ Public use recreation areas.
- ☐ Public access walking tracks, bike paths or footpaths.
- ☐ Public access roads.
- ☐ Utility access tracks (e.g. powerline access tracks)
- ☐ Restricted access tracks (e.g. Council fire trails and land management access tracks).
- ☐ None of the above.



Factors that may increase the likelihood of hazardous trees being present:

Q3. Does the area being assessed contain trees that:

- ☐ have been subjected to previous extended drought stress (e.g. increased mortality or crown stress).
- ☐ suffer Bell Miner Associated Dieback (BMAD)
- ☐ have been killed or significantly damaged by previous fires.
- ☐ suffer from dieback (e.g. disease, pathogens or insect attack).
- ☐ contain numerous hollows, butt scars or structural defects (e.g. Old growth trees).
- ☐ None of the above.

Assessments and actions undertaken prior to activity (planned burns only):

Q4. Did the agency conducting the planned burn (e.g Rural Fire Service or contractor) undertake any pre burn hazard tree assessment?

- ☐ Yes
- ☐ No
- ☐ Not known
- ☐ Not applicable

Q5. Did the agency conducting the planned burn (e.g Rural Fire Service or contractor) undertake any pre burn hazard tree mitigation actions or activities (e.g. physically exclude or isolate hazard trees from the burn area)

- ☐ Yes
- ☐ No
- ☐ Not known
- ☐ Not applicable

Assessments and actions conducted as part of incident response or activity management:

Q6. Has the incident response agency (e.g. Fire and Rescue Service, Rural Fire Service or SES) or activity manager (e.g. Rural Fire Service or contractor) undertaken a post incident or activity hazard tree assessment?

- ☐ Yes
- ☐ No
- ☐ Not known

Q7. What actions, if any, has the response agency or activity manager undertaken because of that assessment:

- ☐ No hazards identified during assessment.
- ☐ Hazards identified. No treatment undertaken.
- ☐ Exclusion areas established. No treatment undertaken.
- ☐ Partial treatment. Hazards remain untreated.
- ☐ All identified hazards have been treated.
- ☐ Not known.
- ☐ Not applicable (No assessment undertaken).

ACTION: Record in the Incident Log details of the outcomes of the assessment and actions undertaken.



Assessment of need for further action by Council:

Q8. Given the context, likelihood of hazardous trees being present, assessments and actions previously undertaken is there a need for further action by Council before the area can be reopened to public use?

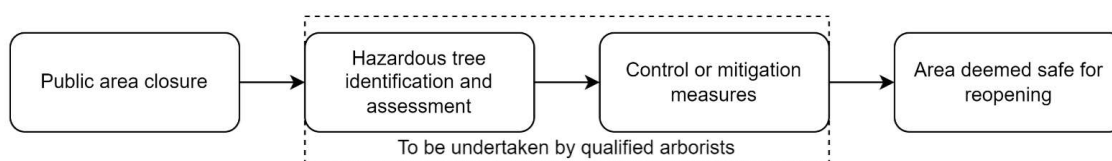
- ☐ Yes
☐ No

ACTION: If Yes,

1. Ensure adequate access control measures (e.g physical barriers) are in place to prevent access to the affected area.
2. Arrange assessment and treatment by suitably qualified arborists (either Council or Contractor) as per Council processes.
3. Complete the Inspection and Treatment Record (or existing Council record processes) to capture details of the works undertaken.

ACTION: If No, document the rationale behind the decision in the Incident Log.

Hazardous tree management process summary:



Date and time checklist completed:	
Council Officers name:	
Council Officers signature:	

ACTION: Forward the completed checklist and any supporting information (e.g. photos) as soon as reasonably practicable to the Natural Environment Team.



Related resources:

[Australasian Fire and Emergency Service Authorities Council 2018, *Managing Tree Hazards* \(AFAC Publication No 3077\), AFAC, Melbourne, Australia.](#)

Version control:

Revision	Date	Prepared by	Reviewed by	Approved by	Comments
V0.1	25/03/24	FH	BS		Initial internal structure
V0.2	02/04/24	BS	FH		Initial draft document for internal review
V0.3	12/04/24	FH	BT	FH	Initial document for client review
V1.0	22/5/24	FH		FH	Final document following client review



Incident Log

Use this sheet to record key decisions made or actions taken:

Date	Time	To or From	Name of person	Organisation	Notes



Inspection and Treatment Record

To be used in the absence of existing Council processes

Track / Road / Area Name	Date and time assessed	Side of road assessed?	Hazards identified (no of trees)	Mitigation measures implemented	Notes
FT_BC_02	12/04/24 10:30	Both	2	RTC	
Pialba Burrum Heads Rd	12/04/24 12:30	North	3	RTC	
Mitigation abbreviations					
RTM = Remove tree by machine		RTC = Remove tree by chainsaw		EX = Exclude area with 'danger' tape	

Fraser Coast Regional Council

Bushfire Management Infrastructure
Audit Overview Report



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Version control

Revision	Date	Prepared by	Reviewed by	Approved by	Comments
V0.1	19/01/24	BS	FH	FH	Initial draft document structure
V0.2	27/02/24	BS	FH	FH	Draft document for internal review
V0.3	20/04/24	BS	FH	FH	Draft document for client review
V1.0	03/06/24	FH		FH	Final document following client review

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1. Introduction:

Fireland Consultancy (Fireland) was commissioned by Fraser Coast Regional Council (Council/FCRC) to undertake an audit to assess compliance of existing bushfire management trails (hereafter referred to as BM trails) against established standards. The audit comprised of two main components:

- assessment of previously mapped BM trails, and
- identification of bushfire management related point assets such as gates and water points.

This report outlines the scope, methodology, summary findings and recommendations from the audit.

The purpose of this audit was to assess the current state of Council's bushfire management infrastructure, specifically focusing on the condition, compliance and effectiveness of the existing BM trail network, and identifying bushfire management related point assets, ensuring alignment with industry standards and best practice. The summary findings and recommendations outline opportunities for improvement, aiming to guide Council in prioritising actions, allocating resources, and planning future interventions to enhance the effectiveness of bushfire management on Council managed land. This, in turn, supports Council's broader strategic objective to mitigate the risk of bushfires starting, spreading uncontrollably, and impacting negatively on human life, property, critical assets and the environment; ultimately increasing the region's resilience to bushfires.

2. Scope and approach:

Fireland was provided with a spatial dataset containing the extent of the previously mapped BM trail network. This dataset included 376 trails totalling approximately 173km in length.

Table 2.1: Geographical extent of the audit.

Number of Council managed parcels	Total area of Council managed parcels (hectares)	Number of Council managed parcels audited	Total area of Council managed parcels audited (hectares)	% of total number of Council owned parcels audited	% of total area of Council owned parcels audited
1264	22,592	807	10,917	63.8%	48%

It should be noted that Council managed parcels include coastal marine reserves and other areas where there is no need for fire management.

The audit process involved a comprehensive review of the spatial datasets provided by FCRC (desktop assessments coupled with on-ground site inspections) and a systematic data collection and analysis process. The on-ground site inspections were conducted over June – August 2023. The audit identified:

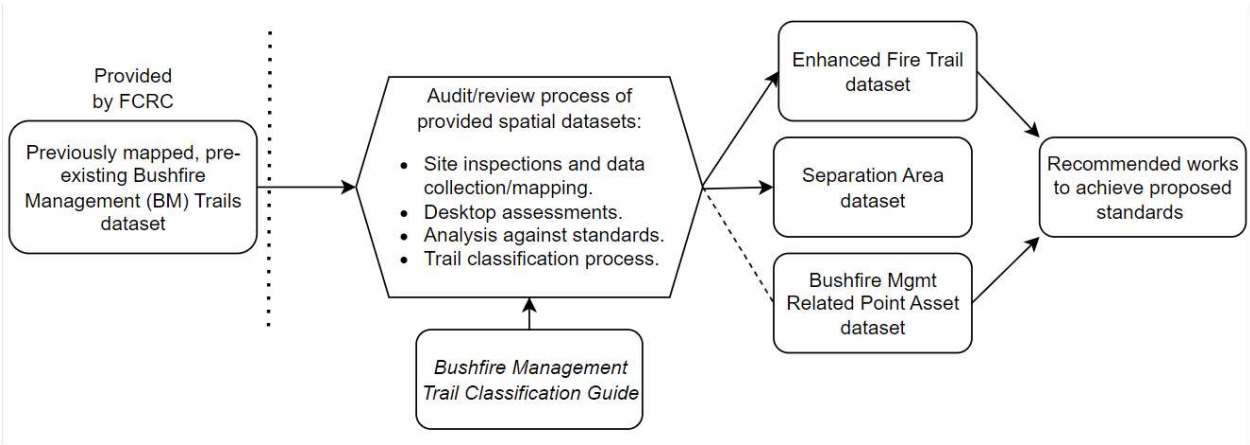
- the state or condition of each BM trail/asset at the time of inspection,
- desired management standards as per the *Bushfire Management Trail Classification Guide* that was developed in unison, and
- recommended works to achieve the identified standards.

Point assets were evaluated based on their implications for fire fighter and/or public safety, susceptibility to loss or damage during a planned or unplanned fire, or the infrastructure’s role in enabling fire management activities.

During the audit a number of BM trails were deemed to not satisfy key requirements (e.g. safety and trafficability) and/or were unsuitable and unfeasible for upgrading to meet fireline standards. These trails were subjectively assessed and reclassified as separation areas in a new dataset due to their residual value for bushfire management and fulfilling community expectations.

As such, a process was undertaken to arrive at one Bushfire Related Point Asset dataset, one stand-alone Separation Area dataset and one comprehensive Enhanced Fire Trail dataset. These assessment processes are described in further detail in the methodology section of this report.

Figure 1. Bushfire Management Infrastructure Audit process.



2.1 Inclusions and exclusions:

The information within this report pertains primarily to areas that fall within Council owned or managed areas, except for a small number of trails and assets that are owned by other land managers/owners that form part of specific *Bushfire Management Plans (BMP)*.

Inclusions:

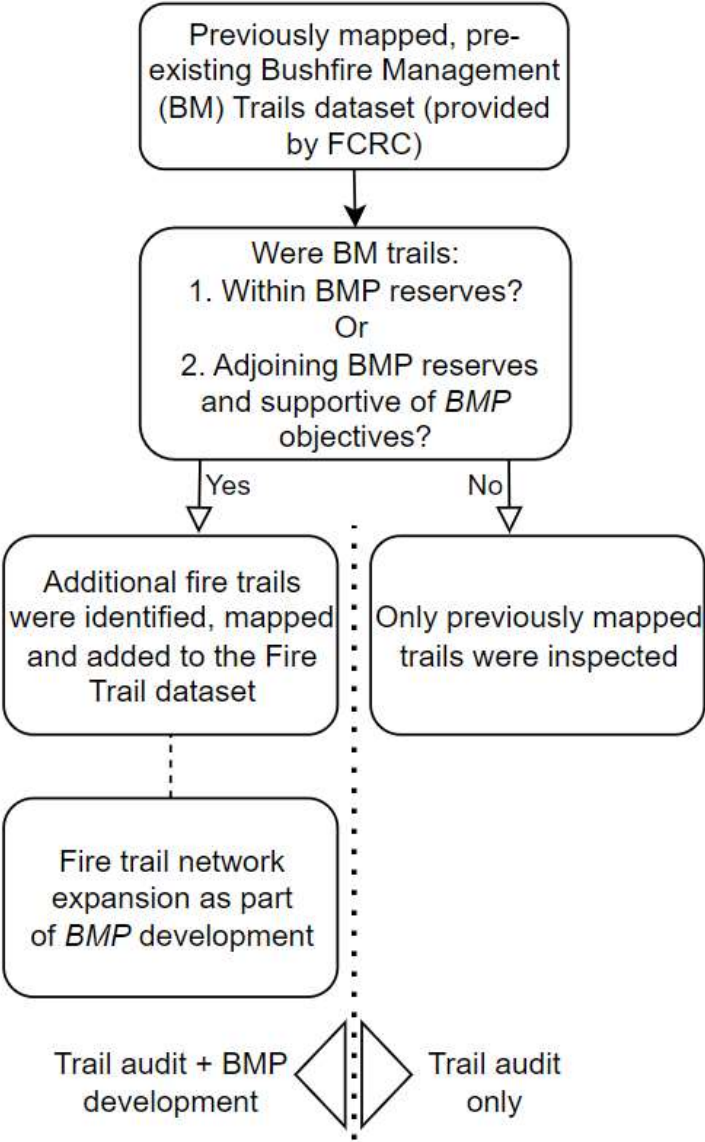
The audit was confined to only those parcels that contained previously mapped BM trails.

- All previously mapped BM trails and separation areas (pre-existing, provided data) were inspected and assessed.
- Additional fire trails were identified on ground if they were within BMP reserves or were adjoining BMP reserves and were supportive of *BMP* objectives. These were mapped and added to the Fire Trail dataset.
- Additional separation areas were identified on ground if they were within BMP reserves. These were mapped and added to the Separation Area dataset.
- These fire trail and separation area network expansions were carried out as part of the *BMP* development process to enhance the overall coverage and effectiveness of fire management on Council managed land.
- Additional attributes (data) were collected for all trails and separation areas inspected and for the additional fire trails and separation areas mapped.
- Point asset data collection was carried out as part of the *BMP* development process to enhance the overall coverage and effectiveness of fire management on Council managed land, particularly in BMP reserves.
- Outside of BMP reserves, assets were recorded only if they were within Council managed land and were in close proximity to fire trails and separation areas.
- Additional attributes (data) were collected for all assets mapped.

Exclusions:

- Trails and separation areas on the ground, additional to those previously mapped, were not considered if they were outside of BMP reserves.
- Point assets on the ground were not considered where they were not near fire trails or separation areas.
- Suburban firefighting infrastructure such as street hydrants were not recorded.
- Plantation specific assets at Wondunna Township were not recorded (e.g. irrigation and weather monitoring infrastructure).

Figure 2. Data collection inclusion/exclusion process.



3. Audit recommendations:

The following recommendations have been developed as a result of the audit and the broader bushfire management planning processes undertaken by Fireland for FCRC.

3.1 Land acquisition and long-term objectives:

Bushfire management is a tool to help achieve identified land management objectives. Council owns and manages an extensive network of parcels (1264 parcels totalling 22,592ha). The long-term management objectives for many of these parcels is unclear and ideally needs to be defined to guide future decisions around fire and land management. The reasons for ownership of parcels and their acquisition history are also unclear. Some parcels are managed in trust, these trust arrangements may impact on how management can be undertaken across a site.

1. Council is encouraged to develop a Land Acquisition Strategy to guide the future acquisition of parcels and ensure that there are clear management objectives identified for all future acquisitions.
2. Council is encouraged to undertake a multi-hazard assessment as due diligence prior to acquiring any parcel. Such assessment should aim to provide Council with an understanding of the risks and constraints posed by a site from threats such as bushfire, flood, overland flow and weeds. Thus any management actions required to effectively manage these risks can be factored into the initial acquisition.
3. Council is encouraged to develop management objectives for all its existing parcels to better guide future management decisions. A simple statement of intent could be developed that covers a number of parcels that have consistent management objectives.
4. Where the management objectives cannot be identified or are inconsistent with Council's Vision and core business deliverables then Council should consider disposing of the parcel.

3.2 Bushfire management planning recommendations:

The audit was conducted across 807 parcels that contained previously mapped BM trails. As a result, 457 parcels covering approximately 11,675ha have not been assessed. It is unknown if there are BM trails, nor their current condition, on these parcels. A number of these parcels are coastal and marine reserves that will not contain any bushfire management infrastructure.

5. Council should consider undertaking an audit of BM trails and point assets across its remaining parcels, informed by the outcomes of Recommendation 3 and guided by this approach and methodology.

3.3 Bushfire mitigation works management recommendations:

The audit assessed the current condition of the BM trails against standards outlined in the *Bushfire Management Trail Classification Guide*.

Table 3.1: Summary of recommended fire trail works.

Description	# of trails	Total length (km)
Ongoing maintenance required of fire trails that currently meet desired standard.	53	18.7
Upgrade of fire trails to the proposed standard. Vegetation management works required.	327	143.2
Upgrade of fire trails to the proposed standard. Vegetation and track works (e.g. erosion control and hardening) required.	34	34.6
Construction of new fire trails where remnant vegetation currently exists.	12	3.7
Fire trails requiring additional technical advice to determine solution and works.	7	1.1

An extensive program of works is required to maintain and bring up to standard the pre-existing BM trail network. The current condition of the majority of BM trails on Council managed lands limits their operational effectiveness and potentially compromises fire fighter safety during suppression operations.

6. It is recommended that Council employ a qualified and dedicated Bushfire Mitigation Program Officer to coordinate the management of the fire trail network and planned burn program.
7. It is recommended that Council prioritise additional investment in fire trail maintenance and upgrade works as follows:
 1. Poona Coastal Reserves – to support management of planned and unplanned fire around the township of Poona.
 2. Burgowan Water – to support management of planned and unplanned fire in this critical water supply catchment.
 3. Orchid Beach Township Reserves - to support management of planned and unplanned fire around the township of Orchid Beach.
 4. Lenthalls Dam – to support management of planned and unplanned fire around the campground and water supply infrastructure.
 5. Black Swamp Baxters – to support management of planned and unplanned fire in this rural residential setting.

This recommendation should not preclude conducting works in a different priority, as factors such as operational feasibility may influence it (e.g. tracks in Burgowan Water are less prone to seasonal inundation and therefore the opportunities to undertake works there are greater).

8. Continued maintenance of fire trails that are currently at standard is required to ensure they do not deteriorate further.
9. The required maintenance frequency will vary from site to site due to site conditions including soil and vegetation type. Ongoing monitoring will be required to assess the efficacy of treatments.
10. Inspect fire trails after extreme weather events and unplanned fires to identify if additional works are required (e.g. clearing tree fall or addressing erosion).

3.4 Data management recommendations

The spatial datasets developed by Fireland as part of this audit contain more extensive, accurate and up to date information relating to bushfire management infrastructure. Each fire trail and asset has also been given a unique name, in accordance with a naming convention, to aid future management.

11. It is recommended that Council utilise the spatial datasets developed through this audit (i.e. replace the existing dataset). The new spatial datasets contain both the Council's pre-existing data plus additional data and attributes collected during the audit. The datasets also contain data management recommendations in a distinct field. Additional recommendations around the management of data relating to works carried out on individual fire trails and assets are contained within the methodology section of this report. These data management recommendations are to be undertaken by Council, subsequent to the delivery of this project, on the Enhanced Fire Trail dataset.

4. Summary of audit results:

4.1 Fire Trails

Table 4.1: Results of trail audit assessment across all trails assessed.

Data Management Justification	# of trails	Total length (km)
'FCRC fire trail'	442	206.8
'Land management trail'	22	4.8
'No functional value in land or fire management'	7	1.9
'Not on FCRC land but forms part of a BMP'	18	9.7
'FCRC public road that forms part of a BMP'	4	3.4
'Does not exist on ground'	31	4.4
'Actually a road verge'	9	2.5
'Not on FCRC land'	39	7.3
Total	572	240.5

The number and length of trails identified through the audit exceeded those in the pre-existing BM Trails dataset as fire trail network expansion occurred, i.e. additional fire trails were added to the Fire Trail dataset as part of the *BMP* development process. Some BM trails were also split into multiple segments to better reflect their status and management actions required.

Table 4.2: Proposed Fireline Category across all trails assessed.

Proposed Fireline Category	# of trails	Total length (km)
'Fireline - Strategic'	26	16.6
'Fireline - Secondary'	353	171.8
'Less than Secondary'	35	7.6
'Management access'	22	4.8
'Utility access'	26	16.7
'Walking Track'	12	4.3
'Not used for Fireline'	12	2.9
'Null' (e.g. don't exist, not on FCRC land, road verge or no value)	86	15.9
Total	572	240.5

Refer to the *Bushfire Management Trail Classification Guide* for the performance standards for each Fireline Category.

Table 4.3: Current Status across all trails assessed.

Status - Current	# of trails	Total length (km)
'Open'	438	190.3
'Closed'	79	39.7
'Historic Alignment'	5	2.6
'Null' (e.g. don't exist or road verge)	43	6.8
'N/A' (i.e. proposed new fire trails where no footprint exists)	7	1.2
Total	572	240.5

Table 4.4: Breakdown of fire trails by recommended works.

<i>Recommended works</i>	Description	# of trails	Total length (km)	Notes
Fire trail maintenance at standard	Maintenance of fire trails that currently meet desired fireline standard.	53	18.7	<ul style="list-style-type: none"> approx. twice per year. inc. 3.4km of public road.
Fire trail upgrade - veg works only	Upgrade of fire trails to the proposed fireline standard. Vegetation works only.	327	143.2	<ul style="list-style-type: none"> inc. 480 pass/turn bays. inc. 5.3km not on FCRC land but forms part of a BMP.
Fire trail upgrade - veg & track works	Upgrade of fire trails to the proposed fireline standard. Vegetation and track works (e.g. erosion control and hardening).	34	34.6	<ul style="list-style-type: none"> inc. 2.0km not on FCRC land but forms part of a BMP.
New fire trail construction	Construction of new fire trails.	12	3.7	<ul style="list-style-type: none"> inc. 1.2km of vegetation clearing and 1.6km of earthworks. inc. 436m not on FCRC land but forms part of a BMP.
Further assessment required	Additional technical advice is needed to determine solution and works.	7	1.1	<ul style="list-style-type: none"> e.g. Black Swamp Baxter's drainage line crossings.
Utility access maintenance - ad hoc	Utility company managed easements – maintain only if required to support planned burning.	26	16.7	<ul style="list-style-type: none"> inc. 1.9km not on FCRC land but forms part of a BMP.
Closure	Formal closure of a trail.	1	0.06	
	Total	460	218	

4.2 Separation Areas

Table 4.5: Potential treatment options for separation areas (SA).

<i>Potential Treatment Options</i>	# of Separation Areas	Sum of area (ha)	Average SA area (ha)	Average SA width (m)
'Brushcutter'	6	0.67	0.11	1.3
'Front Deck Mower/Brushcutter'	7	0.22	0.03	1.1
'Front Deck Mower & Brushcutter. Some sections accessible on foot only.'	2	0.41	0.20	2.5
'Front Deck Mower'	36	1.68	0.04	3.1
'Front Deck Mower. Not accessible by tractor.'	1	0.14	0.14	4.0
'Tractor Slasher & Brushcutter. Some sections accessible on foot only.'	2	0.29	0.14	6.0
'Tractor Slasher'	20	1.68	0.08	5.8
Total	74	5.12		

4.3 Reduced Fuel Zones

Reduced Fuel Zones (RFZs) have been identified in the *Bushfire Management Plans* developed for FCRC. Data for these zones are contained in a separate spatial data file (.gdb). A summary is provided here as they are usually mechanically treated (mown or slashed).

Table 4.6: Reduced Fuel Zone summary

Reduced Fuel Zones identified within BMPs	# of RFZs	Total area (ha)	Average RFZ area (ha)
Located across 9 of the 10 reserves for which BMPs were developed.	26	31.47	0.83

4.4 Point assets

Table 4.7: Point asset audit results.

Asset Type and Group	Condition				Grand Total
	Good	Moderate	Poor	Null	
'Access Control'	116	39	21	44	220
'Built Asset'	32	8	5		45
'Water points'	4	2	2		8
'Wayfinding - signs'	6	2			8
Total	158	51	28	44	281

Table 4.8: Built asset breakdown by condition.

Asset Type and Group	Condition				Grand Total
	Good	Moderate	Poor	Null	
'Bridge'	3				3
'Building'	6	3	2		11
'Day Use Infrastructure'	3	2			5
'Mobile Phone Tower'	3				3
'Telecommunications Cable Pit'	9		2		11
'Utility Transfer Infrastructure'	8	3			11
'Null'			1		1
Total	32	8	5	0	45

4.4.1 Access control points

Table 4.9: Identified access control points by condition.

<i>Asset Type and Group</i>	Condition				
	Good	Moderate	Poor	Null	Grand Total
'Boulders/Concrete Blocks/Bollards'	5	3			8
'Gate - Farm'	6	1			7
'Gate - Other'	12	15	6		33
'Gate - Steel'	93	19	14		126
'Null'		1			1
'Uncontrolled Access Point'			1	44	45
Total	116	39	21	44	220

Table 4.10: Recommended access control points by works priority.

<i>Estate Name</i>	Access Control works priority				
	Very High	High	Moderate-High	Moderate	Low
Black Swamp Baxters		6		7	20
Burgowan Water	2	5	2	7	3
Hervey Bay Rifle Range					4
Pir'ri Environmental Reserve				1	
Poona Coastal Reserves		4			12
Showgrounds Reserve		3		1	1
Teddington Weir Reserve		5		4	1
Wondunna Township					1
Total	2	23	2	20	42

5. Data sources:

Council provided the following spatial datasets to inform the audit:

FCRC Bushfire Management Trails (previously mapped/existing).

This dataset included 376 BM trails totalling approximately 173km in length. No information relating to trail names or management standard was included in the dataset. A number of the trails contained within this dataset fell outside of parcels managed by FCRC.

Council Controlled Land (Project Parcels layer).

This dataset contained the spatial extent of the 1264 parcels covering 22,592ha that council manages.

Nominated Reserves for BMP Consideration.

This dataset contained twenty-one Council managed parcels that were initially identified for consideration for *Bushfire Management Plan* development. Ten *BMPs* were subsequently developed for ten reserves following a subjective desktop assessment and follow-up discussions with Council staff, hereafter referred to as BMP reserves.

No point asset data were provided by FCRC. The Bushfire Related Point Asset dataset was built entirely from data captured in the field during the on-ground inspections.

6. Audit outputs:

The following artefacts have been developed as outputs from the audit process:

Component:	Title / File Name:	Comment:
Overview Report	<i>Bushfire Management Infrastructure Audit Overview Report</i>	This document, which provides details of the scope, methodology, summary results and recommendations.
Fire Trails	FCRC_Firetrail_Data_v10	One spatial data file (.gdb) – containing all the fire trail network data (line data).
	FCRC_Firetrail_Data_v10.xlsx	Excel spreadsheet (.xlsx) containing fire trail, walking track, utility access and management access track information. This information has been extracted from the Geodatabase file. The spreadsheet includes a cover sheet containing supporting information. A copy of this coversheet is contained in <i>Appendix 1</i> .
Bushfire Management Related Assets	FCRC_Point_Data_v08	One spatial data file (.gdb) – containing all the point asset data (point data).
	FCRC_Point_Data_v08.xlsx	Excel spreadsheet (.xlsx) containing bushfire management related asset information. The spreadsheet includes a cover sheet containing supporting information. A copy of this coversheet is contained in <i>Appendix 2</i> .
Separation Areas	FCRC_SeparationAreas_Data_v07	One spatial data file (.gdb) – containing all the separation area data (polygon data).
	FCRC_SeparationAreas_v07.xlsx	Excel spreadsheet (.xlsx) containing separation area information. This information has been extracted from the Geodatabase file. The spreadsheet includes a cover sheet containing supporting information. A copy of this coversheet is contained in <i>Appendix 3</i> .
Trail classification and standards	<i>Bushfire Management Trail Classification Guide</i>	A guideline outlining and illustrating performance standards for firelines (fire trails) and access management. It provides guidance for fire trail development and maintenance in alignment with industry standards and best practice.
Supporting information	FCRC_Trail Audit Decision Examples	Demonstrates the reasoning behind fire trail/separation area assessment decisions, providing specific examples and detailed explanations.
Indicative costs	Table of Indicative Costs v0.3.docx	Outlines indicative costs relating to fire trail, separation area and reduced fuel zone vegetation works.

7. Data management:

To assist with the management of the developed outputs provided by Fireland.

- The Spatial Reference System used was: Geocentric Datum of Australia 1994 (GDA94).
- Data has been provided as both spatial data files (.gdb) and matching Excel spreadsheets (.xlsx). Excel datasets have been provided as they may be easier to interrogate for reporting and management however, they are a snapshot of the spatial data and issues can occur in maintaining consistency between the two datasets. As such, Council can choose to manage datasets in Excel or ArcGIS going forward. It is recommended that Council manage the datasets using ArcGIS as the single source of truth.
- Several fire trail data management actions are recommended to be undertaken by Council, after the delivery of this project, on the Enhanced Fire Trail dataset (e.g. move data to archive).
- Generally, it is not recommended to delete data without archiving. Trails other than identified legitimate 'FCRC fire trails' may be useful in the event of a landscape level unplanned fire or emergency, as such it is recommended, they remain in the Fire Trail dataset and are attributed and symbolised appropriately.
- See the Fire Trail dataset, the *Trail Audit Decision Examples* document and the fire trail methodology section below for further explanation of data management recommendations.

8. Methodology:

8.1 Fire Trail audit:

A new Enhanced Fire Trail dataset was developed for FCRC to inform the planning, management and monitoring of a strategic fire trail network and other access tracks that may be utilised for bushfire management activities. A process was undertaken to arrive at one comprehensive Enhanced Fire Trail dataset.

8.1.1 Baseline data:

The provided pre-existing BM Trails layer was loaded into ArcGIS and Esri's Field Maps application, from which the Enhanced Fire Trail dataset was built on.

8.1.2 Fire trail definition and description:

1. A fire trail is a planned and constructed corridor designed to facilitate safe, reliable, and unobstructed passage and operation of Fire Appliances (varies from utility vehicle to medium rigid 4x4 truck) and provide a maintained area crucial to support planned burning and bushfire suppression across tenures.
2. Walking tracks, utility access and management access tracks are included in this dataset as they provide current or potential future fire management functionality.

8.1.3 Field inspections and data collection:

1. Fireland staff conducted four field trips to physically inspect, map and collect data on Council's BM trail network.
2. Every BM trail in the pre-existing BM Trails dataset was ground-truthed and underwent a field assessment and data collection process using Esri's Field Maps application.
 - Previously mapped BM trails (pre-existing, provided data) outside of BMP reserves were inspected and assessed as part of the trail audit process only. I.e. trails on the ground, additional to those previously mapped, were not considered if they were outside of BMP reserves. Although not considered in this audit, it is acknowledged that other parcels may contain additional BM trails.
 - Additional fire trails were identified, mapped and added to the Fire Trail dataset only if they were within, or had implications for, BMP reserves. This fire trail network expansion was carried out as part of the *BMP* development process only, to enhance the overall coverage and effectiveness of fire management on Council managed land.
 - BM trails were split into multiple shorted fire trails. These splits were typically made at logical, easily recognisable features such as track junctions or drastic changed in condition. This splitting allows more detailed analysis of current status and works required.
3. Using predefined survey forms, the following parameters were visually assessed and recorded (see individual *Excel Dataset Coversheets* for definitions and descriptions):
 - *Name, Reserve Name, Status - Current, Current shoulder width, Current carriageway width, Current vertical clearance, Current Trafficability, Current Fireline Hazards - Direction, Current Pavement Surface, Fireline Impediments, Currently Maintained, Current Turn Pass bays meet standard, Additional Access Control Required and Notes.*
 - Each ground-truthed trail was assigned a unique name using the naming convention developed for FCRC. See the individual *Excel Dataset Coversheets* for examples.

4. Georeferenced photos of trails were taken, and notes were recorded where necessary.

8.1.4 Data analysis and trail classification:

1. Field data were exported to Excel.
2. BM trails were segregated into four groups: fire trails, walking tracks, utility access and management access.
 - A number of BM trails were utility easements, those that are suitable for supporting fire management activities and/or are readily upgradable, were classified as firelines. Otherwise, they were classified as 'utility access'.
 - A number of BM trails currently provide no functional value in fire management, but serve as access for general land management, these were classified as 'management access'.
 - A number of BM trails were existing walking tracks, and in some circumstances, were suitable for supporting planned burning activities.
 - All of these trail types were included in the Fire Trail dataset as they provide current or potential future fire management functionality.
3. A *Bushfire Management Trail Classification Guide* and classification process were developed, this included the development of performance standards.
4. To obtain *Current Fireline Category*, fire trail and walking track data were analysed against the set performance standards for that group. Performance standards encompass:
 - Carriageway width, shoulder width, vertical clearance, carriageway and shoulder vegetation height, turning and passing bays and fireline impediments (relating to trail surface, erosion and carrying capacity).

8.1.5 Assessment of proposed standards and recommended works:

1. To determine *Proposed Fireline Category* and *Status - Proposed*, each BM trail was subjectively assessed based on its merits, and against its requirement to support bushfire risk management given the surrounding bushfire landscape context. The following factors were considered:
 - Risk to life and property and the environment.
 - Safety and operational requirements to support planned burning and fire suppression activities.
 - The size and type of the appropriate fire appliance required to access the area.
 - Position and orientation in the landscape.
 - Surrounding context (existing access, boundaries and potential containment lines).
 - Topography and other landscape features (creeks, gullies, etc).
 - Extent and type of vegetation (Regional Ecosystem) and its fuel hazard.
 - Prevailing wind direction and other climatic trends.
 - Proximity to adjacent assets.
 - Type, value and vulnerability of adjacent assets.
 - The specific purpose and objective of given reserves or areas, e.g. fuel reduction or conservation.
 - Trail owner/manager arrangements and tenure.
 - Return on effort/investment required to maintain or upgrade to a defined standard.
 - Contribution of the trail to broader strategic trail network.
 - To a lesser degree, the value the trail provides as an area of reduced fuel beside an asset, such that the intensity and speed of potential bushfires are reduced.

2. *Trail Owner* was assessed spatially through spatial intersects, desktop assessments using ArcGIS and visual assessments using satellite imagery available through the Queensland Globe platform. It is noted that there are inherent inaccuracies in aligning satellite imagery, cadastral boundaries and trail data. Several enquiries were made to Council regarding tenure, management and trust arrangements. This feedback was incorporated into the data.
3. BM trails were also segregated into several data management groups according to their existence, value on the ground, tenure and ownership. This approach is outlined by the following decision rules:
 - 'Retain in the Fire Trail dataset' if trails are legitimate Council managed fire trails that provide functional value for fire management.
 - 'Remove lines/datapoints from the Fire Trail dataset and retain in an archive' if there was no evidence of the provided line data's existence on the ground during site inspection.
 - 'Remove lines/datapoints from the Fire trail dataset and retain in a roadside slashing (or another appropriate dataset)' if the provided line data was actually a section of road verge.
 - 'Retain trail in Fire Trail dataset' (but 'attribute and symbolise as contingency line') if the *Trail Owner* is not FCRC.
 - 'Retain trail in Fire Trail dataset' (but 'attribute and symbolise as external owner') if the fire trail is not owned by FCRC but forms a necessary part of a *BMP*.
 - 'Retain trail in Fire Trail dataset' (but 'attribute and symbolise as historic alignment') if the trail currently provides no functional value in land or fire management.
 - 'Retain trail in Fire Trail dataset' (but 'attribute and symbolise as management access') if the trail is a land management only trail and currently provides no functional value in fire management.
 - 'Retain road in Fire trail dataset' (but 'attribute and symbolise as public road') if no road data was available and it forms part of a *BMP*. These are Council managed roads.
4. The above decision rules determined *Data Management Recommendations*, *Data Management Justifications* and *Data Management Works Required*.
5. Recommended *Field Works Required* were then developed for each fire trail to achieve its *Proposed Fireline Category*. The breakdown of these works corresponds to performance standards and to fire trail indicative works schedule tables within *BMPs*. The Fire Trail dataset contains work tasks in distinct fields, including *Vegetation clearing on shoulders*, *Vegetation clearing above carriageway*, *Vegetation clearing for pass/turn bays*, *Erosion and run off control works*, *Track hardening* and *Carriageway and shoulder slashing*.

8.1.6 Fire trail data management recommendations:

- If a decision is made to formally close a BM trail, it is recommended to retain the data in the Fire Trail dataset as a 'historic alignment' and attribute and symbolise appropriately.
- Upon completion of reopening, constructing or upgrading a fire trail, the following fields need to be updated:
 - *Status - Current*,
 - *Current Trafficability*,
 - *Current Fireline Category*,
 - *Currently Maintained*,
 - *Current Turn Pass bays meet standard*,

- *Status – Proposed*, and
 - *Works Required*.
- Missing or unknown data are indicated by 'null', which was entered for all blank cells. 'Null' values can also signify that fields were either not assessed or not applicable to the evaluation process.
- 'N/A' was entered for cells that were not applicable, for example, *Status - Current* and *Current Fireline Category* for proposed new trails.

8.2 Fire Trail vs Separation Area vs Reduced Fuel Zone vs Asset Protection Zone.

Through this audit a number of previously mapped BM trails were identified that did not meet the fireline requirements outlined in the *Bushfire Management Trail Classification Guide*. These BM trails were subjectively assessed to determine their value to bushfire management at a landscape level as well as the level of effort (time, materials and expense) required to upgrade them. Through this process some were deemed unsuitable and unfeasible for upgrading to meet fireline standards. Nonetheless, they hold some value for bushfire management and meeting community expectations and were thus classified as separation areas. The table below provides a high-level overview of the management types that have been applied through the fire trail audit and development of *Bushfire Management Plans*.

Management type:	Description:	Comment:
Fire Trail	To provide safe, reliable, and unobstructed passage and operation of Rural Fire Fighting Appliances to enable bushfire and land management activities.	Fire trails meet a series of requirements including carriage width, vertical clearance, shoulder width, tree hazard management, passing and turning bays and erosion control.
Separation Area (SA)	Actively maintained areas that provide limited access and physical separation between remnant vegetation and private property to support planned burning operations.	<ul style="list-style-type: none"> Previously had been mapped as BM trails but do not satisfy key requirements (e.g. safety and trafficability by fire appliances). No formal assessment of effectiveness (i.e. separation distance has not been determined through AS:3959). Recognises current treatment activities. Primarily to meet community expectations.
Reduced Fuel Zone (RFZ)	An area around built assets where fuels are intensively managed to reduce direct flame contact, radiant heat and ember attack in the event of a bushfire.	Typically, these areas are: <ul style="list-style-type: none"> Co-located with fire trails. Mechanically treated (slashed, mown or brush cut). Subjectively assessed as being sufficient width to support suppression and planned burning operations under a limited range of conditions.
Asset Protection Zone (APZ)	An area around built assets where fuels are intensively managed to reduce direct flame contact, radiant heat and ember attack in the event of a bushfire.	<ul style="list-style-type: none"> Specification (i.e. required separation distance between asset and vegetation) is determined through a formal BAL Assessment as per AS:3959 to meet specified criteria for radiant heat flux. Typically, these areas are mechanically treated (slashed, mown or brush cut).

8.3 Separation Areas:

The Separation Area dataset was developed for FCRC to inform the planning, management and monitoring of a separation area network. A process was undertaken to arrive at one stand-alone Separation Area dataset.

8.3.1 Baseline data:

The provided pre-existing BM Trails layer was loaded into ArcGIS and Esri's Field Maps application, from which the Separation Area dataset was derived.

8.3.2 Separation Area definition and description:

A separation area is a regularly maintained space typically immediately adjacent to an asset. Previously they had been mapped as BM trails but were deemed to not satisfy key requirements (e.g. safety, trafficable by fire appliances, etc.), and/or were deemed unsuitable and unfeasible for upgrading to meet fireline standards. Nonetheless, they hold some value for bushfire management and meeting community expectations and were thus classified as separation areas and were formed into a new stand-alone dataset.

8.3.3 Field inspections and data collection:

Field inspection and data collection for separation areas followed the same process as for the fire trail component of the audit. Additional fields and comments were populated to initially indicate that a particular BM trail may constitute a separation area rather than a fire trail.

It is important to note that Council managed parcels that did not contain BM trails (as per the provided pre-existing BM Trails dataset) were not inspected. These parcels may contain additional separation areas.

8.3.4 Data analysis and separation area classification:

- All separation areas originated from the provided pre-existing BM Trails dataset.
- Field data were exported to Excel.
- A subjective assessment process (see *Trail Audit Decision Examples*) was used to distinguish between separation areas and fire trails. This involved using a flow chart containing key questions and decision criteria combined with a subjective assessment, assessing the merits of each potential separation area against their requirement to support bushfire risk management given the surrounding bushfire landscape context.
 - Those BM trails initially flagged as potential separation areas as a result of the on-ground assessment were considered.
 - Other potential separation areas were assessed and identified as part of a subsequent desktop assessment.
- Generally, BM trails that were not traversable by Rural Fire Appliances but were being actively maintained (typically behind houses), were initially suggested to be more suitable as separation areas. Additional decision criteria included:
 - Risk to life and property and the environment.
 - Return on effort/investment required to maintain or upgrade to a defined fireline standard.
 - The trail's potential viability for supporting planned burning and fire suppression activities, irrespective of its current state.
 - Trail dimensions including width and potential shoulder space.

- The feasibility of upgrading to meet fireline standards relating to resource limitations (e.g. would an upgrade require major earthworks or clearing of trees greater than 15cm DBH).
- Firefighter safety implications regarding separation distance/buffer from fuels.
- Surrounding context (existing access, boundaries and potential containment lines).
- Vehicle access and egress limitations including constraints of no through roads.
- Proximity to adjacent assets.
- Type, value and vulnerability of adjacent assets.
- Additional existing vegetation clearings to undertake asset protection (e.g. existing set back distances and lawns allowing firefighting from the adjoining tenure).
- Position and orientation in the landscape.
- Topography and other landscape features (creeks, gullies, etc).
- Extent and type of vegetation (Regional Ecosystem), its fuel hazard and the need to reduce fuel therein.
- Prevailing wind direction and other climatic trends.
- The specific purpose and objective of given reserves or areas (e.g. conservation or recreation).
- Community engagement value (e.g. providing a visual indication of effort, alleviating residents' concerns).
- BM trails determined to be best suited as separation areas were isolated and formed into a new, stand-alone, polygon-based Separation Area dataset.
- A new set of tailored headings were developed for the Separation Area dataset (see individual *Excel Dataset Coversheets* for definitions and descriptions):
 - *Separation Area Name, Reserve Name, SA width, Current vertical clearance, Currently Maintained, Current Access Control Required Comment, Potential Treatment Options, Treatment Impediments* and *SA Area (m²)*.
- Separation area width was calculated from initial data collected, by combining carriageway width and shoulder width (carriageway + (shoulder*2)).
- *SA Area (m²)* was calculated by combining trail length and separation area width (trail length * SA width).

8.3.5 Assessment of potential treatment options:

1. To determine *Potential Treatment Options*, the *SA width* was assessed against the dimensions and operational capability of likely implementation machinery. The following decision rules were applied:
 - Separation areas with widths less than 4m were assigned 'front deck mower'.
 - Separation areas with widths greater than 4m were assigned 'tractor slasher'.
 - Areas with restricted machinery access due to physical impediments were assigned 'brushcutter'.
2. *Treatment Impediments* were derived from data around vegetation and trafficability hazards for machinery. E.g. 'slope', 'creek crossings', 'encroaching vegetation', etc.
3. No additional standards or recommendations were developed for separation areas.

8.3.6 Separation area data management:

- Council is encouraged to use this dataset as a baseline, from which to improve and manage as they see fit.

- Missing or unknown data are indicated by 'null', which was entered for all blank cells. 'Null' values can also signify that fields were either not assessed or not applicable to the evaluation process.

8.4 Bushfire management related point assets:

This spatial dataset was developed for FCRC to inform the planning, management and monitoring of bushfire management related point assets that may be utilised for fire management activities or impacted by fire. This dataset can be used to assess and implement necessary protective measures to ensure resilience of reserves, and the assets within, against bushfires. A process was undertaken to arrive at one stand-alone Point Asset dataset.

8.4.1 Baseline data:

No point asset data were provided by FCRC. This dataset was entirely built from field data capture.

8.4.2 Bushfire related point assets definition and description:

Point assets have been identified where they meet any of the following criteria:

1. They're a hazard to health and safety of fire fighters and/or the public in the event of fires, planned burns or other land management activities (e.g. mine shafts, chemical stores, sub stations).
2. They're at risk of loss or damage during fires, planned burns or other land management activities and they have some sort of value/consequence if impacted (e.g. buildings, towers, telecommunication cabling pits).
3. They're enabling infrastructure that supports fire or land management (e.g. access gate, water points).

Some assets may satisfy several of the above criteria, for example a sub station is both an asset of significant value but also a risk.

Access control assets such as gates serve to reduce risk relating to illegal access (e.g. potential ignitions).

The significance of an asset lies in their intrinsic value and in terms of the consequence of damage or loss.

8.4.3 Field inspections and data collection:

1. Fireland staff conducted four field trips to physically inspect, map and collect data on Council's bushfire management related point assets.
2. Point assets underwent a field assessment and data collection process using Esri's Field Maps application.
 - Point Assets were predominantly recorded if they were within, or had implications for, BMP reserves.
 - Outside of the BMP reserves, assets were recorded only if they were within Council managed land and were in close proximity to assessed fire trails and separation areas.
 - Suburban firefighting infrastructure such as street hydrants were not recorded. Plantation specific assets at Wondunna Township were not recorded, e.g. irrigation and weather monitoring infrastructure.

5. Using predefined survey forms, the following parameters were visually measured and recorded (see individual *Excel Dataset Coversheets* for definitions and descriptions):
 - *Owner, Estate Name, Asset Type, Asset Group, Asset Comments, Gate and/or lock ID, Name of Asset, Point Asset Status, Asset Condition, Source digital data, X coordinates and Y coordinates.*
6. Georeferenced photos of assets were taken, and notes were recorded where necessary.
7. It is important to note that Council managed parcels that did not contain BM trails (as per the provided pre-existing BM Trails dataset) were not inspected. These parcels may contain additional point assets that have not been captured.
8. The created point asset dataset is bushfire management focussed. It is not a comprehensive database of all Council owned assets on these sites.

8.4.4 Data analysis:

1. As part of the *BMP* development process, current access points and potential illegal access points were identified and mapped.
2. An assessment was made around the requirement of access points to be controlled or upgraded. This assessment was based on guidelines in the *Bushfire Management Trail Classification Guide* against the surrounding bushfire landscape context, considering:
 - The level of illegal access currently occurring.
 - The level of visitation to an area and the visibility of the access point.
 - The extent of existing access control in the area or reserve.
 - The degree to which existing access control has been challenged or overcome.
 - The values within the restricted area.
 - The consequences of illegal access and the implication on fire management (ignition sources, damage to trail surfaces, damage to water points, alteration of access and egress, etc.) and land management more broadly (e.g. protection of water supply catchments and infrastructure).

8.4.5 Assessment of proposed standards and recommended works:

1. Access control works were developed and recommended to bring a given reserve up to a desired security standard, these works correspond to those in access management indicative works schedules within individual *BMPs*.
2. Within each *BMP*, priority was assigned to access control works. These data were lifted from *BMPs* to populate the *BMP Priority* column in the Point Asset dataset.
3. *BMP Comments* contain additional supporting information and context around its current state.
4. See the *Bushfire Management Trail Classification Guide* for further details around proposed access control type and design options.

8.4.6 Point asset data management:

- Upon completion of access control works, e.g. installing a gate, the following fields need to be updated:
 - *Asset Comments, Gate and or lock ID, Name of Asset, Point Asset Status, Asset Condition, BMP Priority, BMP comments and BMP Recommended works.*
- Missing or unknown data are indicated by 'null', which was entered for all blank cells. 'Null' values can also signify that fields were either not assessed or not applicable to the evaluation process.

9. Definitions:

The following table is limited to only definitions required to clarify the audit overview report.

Term:	Definition:
Bushfire management infrastructure	Encompasses built assets and designated areas utilized for the mitigation, suppression, and control of bushfires, including but not limited to fire trails, separation areas, reduced fuel zones, and various point assets such as water points, access control structures (e.g. gates), and other built assets that may be impacted by planned or unplanned fire.
Previously mapped, pre-existing bushfire management trails/trail network/dataset	Council's pre-existing bushfire trail network i.e. trails documented in Council's historical inventory or databases pertaining to bushfire management. This dataset/layer was provided to Fireland by FCRC and predates Fireland's audit and enhancements.
New Enhanced Fire Trail dataset	The comprehensive and enhanced spatial dataset developed by Fireland through the review, audit, and improvement process of the existing BM Trail dataset. The resulting dataset was driven by the aim to facilitate safe and effective fire management activities in accordance with the <i>Bushfire Trail Classification Guide</i> .
<i>Bushfire Trail Classification Guide</i>	A comprehensive document, developed by Fireland for FCRC, intending to outline and illustrate performance standards for access management and firelines (fire trails) based on a Fireline Classification system. It provides guidance for access control and fire trail development and maintenance in alignment with industry standards and best practice, with a focus on ensuring fire crew safety and effective fire control and containment.
Separation Area dataset	Comprises of regularly maintained areas, typically adjacent to assets. These were initially mapped as BM trails in the pre-existing dataset, but were deemed to not satisfy key requirements (e.g. safety and trafficability) and/or were unsuitable and unfeasible for upgrading to meet fireline standards. Nonetheless, they hold value for bushfire management and meeting community expectations and were thus classified separately and formed into a new stand-alone dataset.
Bushfire Management Related Point Asset dataset	Comprises spatial data that was entirely built from field data capture to inform the planning, management and monitoring of assets essential for supporting fire management activities (e.g. water points, gates, etc.); it also provides a registry of assets that are susceptible to fire impact.
FCRC or Council	Fraser Coast Regional Council
Fireline standards	Pertains to the performance standards outlined in the <i>Bushfire Trail Classification Guide</i> .

Appendix 1 - *Fire Trail Excel dataset coversheet.*

Fraser Coast Regional Council – Fire Trail spatial dataset overview

This spatial dataset was developed by Fireland Consultancy for Fraser Coast Regional Council (Council/FCRC) to inform the planning, management and monitoring of a strategic fire trail network and other access tracks that may be utilised for fire management activities. The on-ground site inspections were conducted over June – August 2023. The datasets and audit findings were delivered in June 2024.

A process was undertaken to arrive at one comprehensive updated Fire Trail dataset.

Data provision and spatial scope:

Council provided the following spatial datasets to inform the audit:

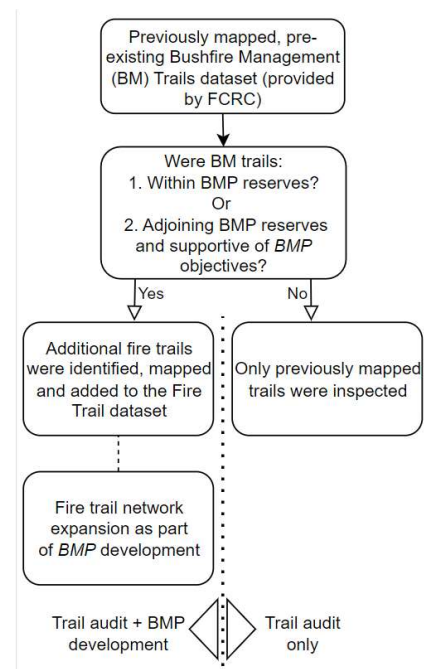
- FCRC Bushfire Management Trails (previously mapped/existing). This dataset included 376 bushfire management (BM) trails totalling approximately 173km in length. No information relating to trail names or management standard was included in the dataset. A number of the BM trails contained within this dataset fell outside of parcels managed by FCRC. This dataset was enhanced to form the Fire Trail dataset following an audit involving desktop assessments, on-ground site inspections and subsequent assessment processes.
- Council Controlled Land (Project Parcels layer). This dataset contained the spatial extent of the 1264 parcels covering 22,592ha that council manages.
- Nominated Reserves for *Bushfire Management Plan (BMP)* Consideration. This dataset contained twenty-one Council managed parcels that were initially identified by Council for consideration for *BMP* development. Ten *BMPs* were subsequently developed for ten reserves following a subjective desktop assessment and follow-up discussions with Council staff, hereafter referred to as *BMP* reserves.

Scope - Inclusions:

- All previously mapped BM trails (pre-existing, provided data) were inspected and assessed.
- Additional fire trails were identified on ground if they were within *BMP* reserves or were adjoining *BMP* reserves and were supportive of *BMP* objectives. These were mapped and added to the Fire Trail dataset. This fire trail network expansion was carried out as part of the *BMP* development process to enhance the overall coverage and effectiveness of fire management on Council managed land.
- Additional attributes (data) were collected for all trails inspected and for the additional fire trails mapped.

Scope - Exclusions:

- Trails on the ground, additional to those previously mapped, were not considered if they were outside of BMP reserves.

Figure 1. Data collection inclusion/exclusion process.

Audit outputs / supporting documents:

This coversheet is a supporting document produced for the audit. A range of other documents and artifacts were developed through the audit process and should be used in conjunction with this report. The audit outputs include:

Component:	Title / File Name:	Comment:
Overview Report	<i>Bushfire Management Infrastructure Audit Overview Report</i>	A comprehensive report that provides details of the scope, methodology, summary results and recommendations of the bushfire infrastructure audit.
Fire Trails or Firelines	FCRC_Firetrail_Data_v10	One spatial data file (.gdb) – containing all the fire trail network data (line data).
	FCRC_Firetrail_Data_v10.xlsx	Excel spreadsheet (.xlsx) containing fire trail, walking track, utility access and management access Track information. This information has been extracted from the Geodatabase file. This coversheet accompanies the Excel spreadsheet and contains supporting information.
Bushfire Management Related Point Assets	FCRC_Point_Data_08	One spatial data file (.gdb) – containing all the Point Asset data.
	FCRC_Point_Data_v08.xlsx	Excel spreadsheet (.xlsx) containing bushfire management related asset information (point data). The spreadsheet includes a cover sheet containing supporting information.
Separation Areas	FCRC_SeparationAreas_Data_v07	One spatial data file (.gdb) – containing all the separation area data (polygon data).
	FCRC_SeparationAreas_v07.xlsx	Excel spreadsheet (.xlsx) containing separation area information. This information has been extracted from the Geodatabase file. The spreadsheet includes a cover sheet containing supporting information.
Trail classification and standards	<i>Bushfire Management Trail Classification Guide</i>	A guideline outlining and illustrating performance standards for firelines (fire trails). It provides guidance for fire trail development and maintenance in alignment with industry standards and best practice.
Supporting information	FCRC_Trail Audit Decision Examples	Demonstrates the reasoning behind fire trail assessment decisions, providing specific examples and detailed explanations.
Indicative costs	Table of Indicative Costs v0.3.docx	Outlines indicative costs relating to fire trail, separation area and reduced fuel zone vegetation works.

Fire Trail definition and description:

- A fire trail is a planned and constructed corridor designed to facilitate safe, reliable, and unobstructed passage and operation of Rural Fire Appliances (varies from utility vehicle to medium rigid 4x4 truck) and provide a maintained area crucial to support planned burning and bushfire suppression on adjoining tenures.
- Walking tracks, utility access and management access tracks are included in the dataset as they provide current or potential future fire management functionality.
- Fire trails were assigned *Current Fireline Categories* according to performance standards specified in the *Bushfire Management Trail Classification Guide*.
- *Proposed Fireline Categories* also correspond to the *Bushfire Management Trail Classification Guide* and were assigned based on an assessment of the merits of each individual trail, and against their requirement to reduce risk given the surrounding bushfire landscape context. Several factors were considered in determining *Proposed Fireline Category*, see the methodology in the *Audit Overview Report* for further details.

Description of headings:

Object ID: An identifier that is generated for each feature or record in the dataset, facilitating data management, querying and referencing. Object IDs may change or shuffle during data manipulation.

Name: A unique name assigned to each trail using the naming convention developed for FCRC. For example ‘FT_BP_01’, where FT denotes fire trail and BP denotes the *Reserve Name* (Bidwill Park).

Reserve Name: Typically refers to the closest street name. May also refer to the closest township, establishment or reserve/park name.

Status - Current: Indicates whether a trail is currently traversable without difficulty, a ‘closed’ status typically indicates significant vegetation encroachment or challenging terrain.

Current shoulder width (m): Measurement of the current width of the area directly adjacent to, and parallel with the carriageway. A shoulder width of 3m specifies an area of managed vegetation that extends 3m from the edge of the carriageway on both sides (i.e. 6m total shoulder). It provides support for Rural Fire Appliances and a safe work zone for firefighters.

Current carriageway width (m): Measurement of the current width of the trafficable surface (i.e. the section of the fire trail designated for unobstructed vehicle passage).

Current vertical clearance (m): Measurement of the current vertical distance between the carriageway and the lowest branch or foliage.

Current Trafficability: Assessment of the capacity of a fire trail to allow passage for identified Rural Appliances across wet and dry weather conditions, considering factors such as obstructions, slope/steepness, surface type and weather resistance, condition of the carriageway (e.g. boggy or eroded) and weight carrying capacity; relative to off-road capabilities and GVM ratings of Rural Appliances. Crossing structures may be a limiting factor.

Current Fireline Hazards - Direction: Assessment of hazards relating to direction of travel (e.g. one-way trails due to steepness and dead-end trails).

Current Pavement Surface: Assessment of the current surface type of a carriageway (e.g. 'natural', 'improved/hardened/gravel', etc).

Fireline Impediments: Assessment of various factors that pose challenges to safety, access and operational capability on a fire trail. Includes 'encroaching vegetation', 'hazardous trees', 'seasonal inundation', 'creek crossings', 'tight corners' and 'side/cross slopes'.

Currently Maintained: Assessment of levels of maintenance at the time of site inspection, broadly indicating how recent maintenance has occurred.

Current Turn Pass bays meet standard: Assessment of the capacity of a fire trail to facilitate turning and passing opportunities against performance standards specified in the *Bushfire Management Trail Classification Guide*. A 'null' value was assigned where a trail was shorter than 250m, and as per performance standards, does not necessitate turning/passing bays.

Current Fireline Category: Assessment of the *Current Fireline Category* against performance standards specified in the *Bushfire Management Trail Classification Guide*. Fire trails that did not meet performance criteria were assigned 'does not meet classification criteria'. Categories additional to those in the *Bushfire Management Trail Classification Guide* were included, namely 'management access' and 'walking track'. 'N/A' was assigned for proposed new fire trails that do not currently exist.

Length - Meter: Length of each line segment, measured in meters.

Additional Access Control Required: Indicates whether additional access control works are recommended for a given trail. Corresponds to Indicative Works Schedules (Access Management) in *BMPs*.

Proposed Fireline Category: The recommended Fireline Category going forward, corresponding to the *Bushfire Management Trail Classification Guide*, aiming to support planned burning and fire suppression activities effectively and hence contribute to risk mitigation. Categories additional to those in the *Bushfire Management Trail Classification Guide* were included, namely 'less than secondary', 'management access', 'walking track' and 'not used for fireline'.

Status - Proposed: The recommended future status of a trail pertaining to whether it is required to be 'open' or 'closed'. Trails can also be designated as a 'new trail' or a 'historic alignment' (spatial record only).

Trail Owner: Identifies the owner and/or manager of the land that the trail sits on. Note this assessment is based on the provided Council Controlled Land dataset and has not been confirmed by a formal title search.

Data Management Recommendation and Data Management Justification: Provides guidance on where to move and store trail data, and the reasoning behind the decision making. See the *Audit Overview Report* methodology and *Trail Audit Decision Examples* for further explanation.

Data Management Works Required: The recommended data management works required according to the above decision rules (e.g. ‘move to archive’, ‘move to roadside slashing dataset’ or ‘attribute and symbolise appropriately’).

Field Works Required: The recommended on-ground field works based on a given fire trail’s *Current* and *Proposed Fireline Category*. Trails other than ‘FCRC fire trails’ require no works, whereas ‘FCRC fire trails’ were assigned either ‘maintain’, ‘upgrade (veg works and/or track works)’, ‘new trail construction’ or ‘closure’. ‘utility access’ tracks were assigned ‘maintain if required to support planned burning’. ‘Further assessment required’ was assigned if additional technical advice is needed to determine works (e.g. drainage line crossings at Black Swamp Baxters).

The breakdown of works that follow below outlines required works against performance standards specified in the *Bushfire Management Trail Classification Guide*. Works also correspond to Indicative Works Schedules (Fire Access Trails) within individual *BMPs*.

Vegetation clearing on shoulders required: Indicates whether treatment of shoulder vegetation is required to meet a given fire trail’s *Proposed Fireline Category*.

Vegetation clearing above carriageway required: Indicates whether treatment of vegetation above the carriageway is required to meet a given fire trail’s *Proposed Fireline Category*.

Vegetation clearing for pass/turn bays required: Indicates whether vegetation clearing is required to install passing/turning bays to meet a given fire trail’s *Proposed Fireline Category*.

Erosion and run off control works required: Indicates whether improvement or installation of erosion controls, such as cross banks and drains, are required to meet a given fire trail’s *Proposed Fireline Category*.

Track hardening required: Indicates whether rock armouring of boggy/seepage/overland flow sections of a given tracks is required for optimal performance.

Carriageway and shoulder slashing required: Indicates whether trail slashing is required, as well as how often, to meet Carriageway and Shoulder treatment specifications detailed in *BMPs*.

Notes: Supporting information to guide field works. May also include nuances and value adding details.

Shape__Length: The linear length of each line feature, measured in metres.

Data management:

This Excel dataset (.xlsx) was handed over in conjunction with a matching spatial data file (.gdb). As such, Council can choose to manage datasets in Excel or ArcGIS going forward. It is recommended that Council manage the datasets using ArcGIS as the single source of truth.

The data management recommendations within this dataset are to be undertaken by Council, subsequent to the delivery of this project, on the Enhanced Fire Trail dataset.

The Spatial Reference System used was: Geocentric Datum of Australia 1994 (GDA94).

The following recommendation were made for managing individual records within the dataset following completion of on-ground works:

- Upon completion of closing a BM trail, retain the datapoint in the fire trail dataset as a 'historic alignment' and attribute and symbolise appropriately.
- Upon completion of reopening, constructing or upgrading a fire trail, the following fields need to be updated:
 - *Status - Current, Current Trafficability, Current Fireline Category, Currently Maintained, Current Turn Pass bays meet standard, Status - Proposed and Field Works Required.*
- Missing or unknown data are indicated by 'null', which was entered for all blank cells. 'null' values can also signify that fields were either not assessed or not applicable to the evaluation process.
- 'N/A' was entered for cells that were not applicable, for example, *Status - Current* and *Current Fireline Category* for proposed new fire trails.

Appendix 2 - Bushfire Management Related Assets Excel dataset coversheet.

Fraser Coast Regional Council - Point Asset spatial dataset overview.

This spatial dataset was developed by Fireland Consultancy for Fraser Coast Regional Council (Council/FCRC) to inform the planning, management and monitoring of bushfire management related point infrastructure/assets that may be utilised for fire management activities or impacted by fire. This dataset can be used to assess and implement necessary protective measures to ensure resilience of reserves, and the assets within, against bushfires. Point assets have been identified where they meet any of the following criteria:

1. They're a hazard to health and safety of fire fighters and/or the public in the event of fires, planned burns or other land management activities (e.g. mine shafts, chemical stores, sub stations).
2. They're at risk of loss or damage during fires, planned burns or other land management activities and they have some sort of value/consequence if impacted (e.g. buildings, towers, telecommunication cabling pits).
3. They're enabling infrastructure that supports fire or land management (e.g. access gate, water points).

Data provision and spatial scope:

No point asset data were provided by FCRC. The Bushfire Related Point Asset dataset was built entirely from screen digitisation and field data captured in the field during the audit involving desktop assessments, on-ground site inspections and subsequent assessment processes.

Council provided the following spatial datasets to inform the audit:

- Nominated Reserves for *Bushfire Management Plan (BMP)* Consideration. This dataset contained twenty-one Council managed parcels that were initially identified for consideration for *BMP* development. Ten *BMPs* were subsequently developed for ten reserves following a subjective desktop assessment and follow-up discussions with Council staff, hereafter referred to as *BMP* reserves.

Scope - Inclusions:

- Point asset data collection was carried out as part of the *BMP* development process to enhance the overall coverage and effectiveness of fire management on Council managed land, particularly in *BMP* reserves.
- Outside of *BMP* reserves, assets were recorded only if they were within Council managed land and were in close proximity to fire trails and separation areas.
- Additional attributes (data) were collected for all assets mapped.

Scope - Exclusions:

- Assets on the ground were not considered where they were not near fire trails and separation areas.
- Suburban firefighting infrastructure such as street hydrants were not recorded.
- Plantation specific assets at Wondunna Township were not recorded (e.g. irrigation and weather monitoring infrastructure).

Audit outputs / supporting documents:

This coversheet is a supporting document produced for the audit. A range of other documents and artifacts were developed through the audit process and should be used in conjunction with this report. The audit outputs include:

Component:	Title / File Name:	Comment:
Overview Report	<i>Bushfire Management Infrastructure Audit Overview Report</i>	A comprehensive report that provides details of the scope, methodology, summary results and recommendations of the bushfire infrastructure audit.
Fire Trails or Firelines	FCRC_Firetrail_Data_v10	One spatial data file (.gdb) – containing all the fire trail network data (line data).
	FCRC_Firetrail_Data_v10.xlsx	Excel spreadsheet (.xlsx) containing fire trail, walking track, utility access and management access Track information. This information has been extracted from the Geodatabase file. The spreadsheet includes a cover sheet containing supporting information.
Bushfire Management Related Point Assets	FCRC_Point_Data_v08	One spatial data file (.gdb) – containing all the Point Asset data.
	FCRC_Point_Data_v08.xlsx	Excel spreadsheet (.xlsx) containing bushfire management related asset information (point data). This coversheet accompanies the Excel spreadsheet and contains supporting information.
Separation Areas	FCRC_SeparationAreas_Data_v07	One spatial data file (.gdb) – containing all the separation area data (polygon data).
	FCRC_SeparationAreas_v07.xlsx	Excel spreadsheet (.xlsx) containing separation area information. This information has been extracted from the Geodatabase file. The spreadsheet includes a cover sheet containing supporting information.
Trail classification and standards	<i>Bushfire Management Trail Classification Guide</i>	A guideline outlining and illustrating performance standards for firelines (fire trails). It provides guidance for fire trail development and maintenance in alignment with industry standards and best practice.
Supporting information	FCRC_Trail Audit Decision Examples	Demonstrates the reasoning behind fire trail/separation area assessment decisions, providing specific examples and detailed explanations.
Indicative costs	Table of Indicative Costs v0.3.docx	Outlines indicative costs relating to fire trail, separation area and reduced fuel zone vegetation works.

Bushfire Related Point Assets definition and description:

- Assets encompass tangible bushfire-related point infrastructure that are critical for mitigating bushfire risks. These assets include access control points, built assets, water points and wayfinding infrastructure. They enable reliable firefighter access and egress and water point utilisation, which are crucial for effective bushfire prevention and response. Access control assets serve to reduce risk relating to illegal access (e.g. potential ignitions). Their significance also lies in their intrinsic value and in terms of the consequence of damage or loss.
- Recommended works and priority of works are included, which correspond to Indicative Works Schedules (Access Management) tables in *BMPs*.

Description of headings:

OBJECTID: An identifier that is generated for each feature or record in the dataset, facilitating data management, querying and referencing. Object IDs may change or shuffle during data manipulation.

Sort ID: An arbitrarily assigned identifier to facilitate sorting and data management.

Owner: Identifies the owner of the asset.

Estate Name: Typically refers to the reserve name where the asset resides. May also refer to the closest street name or township.

Asset Type: Categorizes assets into groups including ‘access control’, ‘built assets’, ‘water points’ and ‘wayfinding’.

Asset Group: Further categorizes assets into more detailed groupings, allowing for precise organization and management.

Asset Comments: May provide spatial context, description of condition or detail around the size and material of an asset.

Gate and or lock ID: A unique name assigned to access points within or adjacent to BMP reserves. It follows the naming convention developed for FCRC. For example ‘AP_AL_01’, where AP denotes access point and AL denotes the *Estate Name/site* (Allerton Road).

Name of Asset: Provides a more detailed description of the asset (e.g. ‘interpretive sign’ or ‘water pumping station’). May also include supporting information and value adding details.

Point Asset Status: Indicates the fortification of an asset (i.e. whether an asset is ‘open’, ‘not locked’ or ‘locked’).

Asset Condition: Indicates the physical condition of the asset (e.g. ‘good’, ‘moderate’ or ‘poor’).

BMP Priority: Recommendation of priority of works (e.g. 'low', 'moderate' and 'high'). Corresponds to Indicative Works Schedules (Access Management) in *BMPs*.

BMP Comments: Supporting information and context as it relates to recommended access control works. Corresponds to Indicative Works Schedules (Access Management) in *BMPs*.

BMP Recommended Works: Recommended access control works and implementation details. Corresponds to Indicative Works Schedules (Access Management) in *BMPs*.

Source digital data: Indicates the method that data was obtained (e.g. captured in the field during site inspection or digitised on screen during desktop assessment).

X Field and Y Field: Represents the geographic position of each point feature in the dataset.

Data management:

This Excel dataset (.xlsx) was handed over in conjunction with a matching spatial data file (.gdb). As such, Council can choose to manage datasets in Excel or ArcGIS going forward. It is recommended that Council manage the datasets using ArcGIS as the single source of truth.

The Spatial Reference System used was: Geocentric Datum of Australia 1994 (GDA94).

Council is encouraged to use this dataset as a baseline, from which to improve and manage as they see fit.

The following recommendation were made for managing individual records within the dataset following completion of on-ground works:

- Upon completion of access control works, e.g. installing a gate, the following fields need to be updated:
 - *Asset Comments, Gate and or lock ID, Name of Asset, Point Asset Status, Asset Condition, BMP Priority, BMP comments and BMP Recommended works.*
- Missing or unknown data are indicated by 'null', which was entered for all blank cells. 'null' values can also signify that fields were either not assessed or not applicable to the evaluation process.

Appendix 3 – Separation Area Excel dataset coversheet.

Fraser Coast Regional Council - Separation Area spatial dataset overview.

This spatial dataset was developed by Fireland Consultancy for Fraser Coast Regional Council (Council/FCRC) to inform the planning, management and monitoring of a separation area network. The on-ground site inspections were conducted over June – August 2023. The datasets and audit findings were delivered in June 2024.

During the audit a number of bushfire management (BM) trails were deemed to not satisfy key requirements (e.g. safety and trafficability) and/or were unsuitable and unfeasible for upgrading to meet fireline standards. These BM trails were subjectively assessed and reclassified as separation areas in a new dataset due to their residual value for bushfire management and fulfilling community expectations. As such, a process was undertaken to arrive at one comprehensive Enhanced Fire Trail dataset and one stand-alone Separation Area dataset.

Data provision and spatial scope:

Council provided the following spatial datasets to inform the audit:

- FCRC Bushfire Management Trails (previously mapped/existing). This dataset included 376 BM trails totalling approximately 173km in length. No information relating to trail names or management standard was included in the dataset. A number of the BM trails contained within this dataset fell outside of parcels managed by FCRC. The Separation Area dataset was derived from this provided dataset following an audit involving desktop assessments, on-ground site inspections and subsequent assessment processes.
- Council Controlled Land (Project Parcels layer). This dataset contained the spatial extent of the 1264 parcels covering 22,592ha that council manages.
- Nominated Reserves for *Bushfire Management Plan (BMP)* Consideration. This dataset contained twenty-one Council managed parcels that were initially identified for consideration for *BMP* development. Ten *BMPs* were subsequently developed for ten reserves following a subjective desktop assessment and follow-up discussions with Council staff, hereafter referred to as BMP reserves.

Scope - Inclusions:

- All previously mapped separation areas (pre-existing, provided BM trail data) were inspected and assessed.
- Additional separation areas were identified on ground if they were within BMP reserves. These were mapped and added to the Separation Area dataset. This separation area network expansion was carried out as part of the *BMP* development process to enhance the overall coverage and effectiveness of fire management on Council managed land.
- Additional attributes (data) were collected for all separation areas inspected and for the additional separation areas mapped.

Scope - Exclusions:

- Separation areas on the ground, additional to those previously mapped, were not considered if they were outside of BMP reserves.

Audit outputs / supporting documents:

This coversheet is a supporting document produced for the audit. A range of other documents and artifacts were developed through the audit process and should be used in conjunction with this report. The audit outputs include:

Component:	Title / File Name:	Comment:
Overview Report	<i>Bushfire Management Infrastructure Audit Overview Report</i>	A comprehensive report that provides details of the scope, methodology, summary results and recommendations of the bushfire infrastructure audit.
Fire Trails or Firelines	FCRC_Firetrail_Data_v10	One spatial data file (.gdb) – containing all the fire trail network data (line data).
	FCRC_Firetrail_Data_v10.xlsx	Excel spreadsheet (.xlsx) containing fire trail, walking track, utility access and management access Track information. This information has been extracted from the Geodatabase file. The spreadsheet includes a cover sheet containing supporting information.
Bushfire Management Related Point Assets	FCRC_Point_Data_v08	One spatial data file (.gdb) – containing all the Point Asset data.
	FCRC_Point_Data_v08.xlsx	Excel spreadsheet (.xlsx) containing bushfire management related asset information (point data). The spreadsheet includes a cover sheet containing supporting information.
Separation Areas	FCRC_SeparationAreas_Data_v07	One spatial data file (.gdb) – containing all the separation area data (polygon data).
	FCRC_SeparationAreas_v07.xlsx	Excel spreadsheet (.xlsx) containing separation area information. This information has been extracted from the Geodatabase file. This coversheet accompanies the Excel spreadsheet and contains supporting information.
Trail classification and standards	<i>Bushfire Management Trail Classification Guide</i>	A guideline outlining and illustrating performance standards for firelines (fire trails). It provides guidance for fire trail development and maintenance in alignment with industry standards and best practice.
Supporting information	FCRC_Trail Audit Decision Examples	Demonstrates the reasoning behind fire trail/separation area assessment decisions, providing specific examples and detailed explanations.
Indicative costs	Table of Indicative Costs v0.3.docx	Outlines indicative costs relating to fire trail, separation area and reduced fuel zone vegetation works.

Separation Area definition and description:

A separation area is a regularly maintained space typically immediately adjacent to an asset. Previously they had been mapped as BM trails but were deemed to not satisfy key requirements (e.g. safety, trafficable by fire appliances, etc.), and/or were deemed unsuitable and unfeasible for upgrading to meet fireline standards. Nonetheless, they hold some value for bushfire management and meeting community expectations and were thus classified as separation areas and were formed into a new stand-alone dataset.

Description of headings:

OBJECTID: An identifier that is generated for each feature or record in the dataset, facilitating data management, querying and referencing. Object IDs may change or shuffle during data manipulation.

Separation Area Name: A unique name assigned to each separation area using the naming convention developed for FCRC. For example 'SA_AL_01', where SA denotes separation area and AL denotes the *Reserve Name* (Allerton Road).

Reserve Name: Typically refers to the closest street name. May also refer to the closest township, establishment, or reserve/park name.

SA width meters: Measurement of the current total width of the separation area.

Current vertical clearance (m): Measurement of the current vertical distance between the carriageway and the lowest branch or foliage.

Currently Maintained: Assessment of levels of maintenance at the time of site inspection, broadly indicating how recent maintenance has occurred.

Current Access Control required Comment: Describes the current access control status, requirement and/or current measures in place.

Potential Treatment Options: The recommended technique and machinery to be used to maintain a given separation area according to its current dimensions and access.

Treatment Impediments: Assessment of various factors that may constrain the ability to maintain a separation area. Includes 'encroaching vegetation', 'seasonal inundation', 'creek crossings', 'side/cross slopes' and any other obstacles present (e.g. debris piles).

SA_Area_m2: The size or area covered by each polygon feature in the dataset, measured in square meters.

Data management:

This Excel dataset (.xlsx) was handed over in conjunction with a matching spatial data file (.gdb). As such, Council can choose to manage datasets in Excel or ArcGIS going forward. It is recommended that Council manage the datasets using ArcGIS as the single source of truth.

The Spatial Reference System used was: Geocentric Datum of Australia 1994 (GDA94).

Council is encouraged to use this dataset as a baseline, from which to improve and manage as they see fit.

Missing or unknown data are indicated by 'null', which was entered for all blank cells. 'null' values can also signify that fields were either not assessed or not applicable to the evaluation process.

Fraser Coast Regional Council

Bushfire Management Trail Audit – Audit Decision Examples



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Version control

Revision	Date	Prepared by	Reviewed by	Approved by	Comments
V0.1	19/01/24	BS	FH	FH	Initial draft for internal review
V0.2	22/4/24	BS	FH	FH	Initial draft for client review
V1.0	8/5/24	FH	FH	FH	Final version for client

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1. Introduction:

Fireland Consultancy (Fireland) was commissioned by Fraser Coast Regional Council (Council/FCRC) to undertake an audit to assess compliance of existing bushfire management trails (hereafter referred to as BM trails) against established standards. The audit focussed on an assessment of previously mapped BM trails that were provided in a spatial dataset by FCRC.

This document provides examples of decisions made throughout the audit relating to various data management recommendations and the classification of fire trails and separation areas.

2. Background:

The purpose of the audit was to assess the current state of Council's bushfire management infrastructure, specifically focusing on the condition, compliance and effectiveness of the existing BM trail network.

A new Enhanced Fire Trail (hereafter referred to as Fire Trail) dataset was developed for FCRC to inform the planning, management and monitoring of a strategic fire trail network and other access tracks that may be utilised for bushfire management activities.

A Separation Area dataset was also developed for FCRC to inform the planning, management and monitoring of a separation area network. A separation area is a regularly maintained areas, typically adjacent to assets. Previously mapped as BM trails, these areas were deemed to not satisfy key requirements (e.g. safety and trafficability) and/or were unsuitable and unfeasible for upgrading to meet fireline standards. They were reclassified as separation areas in a new dataset due to their residual value for bushfire management and fulfilling community expectations.

3. Audit outputs:

This document is a supporting document produced for the audit. A range of other documents and artifacts were developed through the audit process and should be used in conjunction with this report. The audit outputs include:

Component:	Title / File Name:	Comment:
Overview Report	Bushfire Management Infrastructure Audit Overview Report	Comprehensive document that provides details of the scope, methodology, summary results and recommendations.
Fire Trails or Firelines	FCRC_Firetrail_Data_v10	One spatial data file (.gdb) – containing all the fire trail network data (line data).
	FCRC_Firetrail_Data_v10.xlsx	Excel spreadsheet (.xlsx) containing fire trail, walking track, utility access and management access track information. This information has been extracted from the Geodatabase file. The spreadsheet includes a cover sheet containing supporting information.
Bushfire Management Related Assets	FCRC_Point_Data_v08	One spatial data file (.gdb) – containing all the point asset data (point data).
	FCRC_Point_Data_v08.xlsx	Excel spreadsheet (.xlsx) containing bushfire management related asset information. The spreadsheet includes a cover sheet containing supporting information.
Separation Areas	FCRC_SeparationAreas_v07	One spatial data file (.gdb) – containing all the separation area data (polygon data).
	FCRC_SeparationAreas_v07.xlsx	Excel spreadsheet (.xlsx) containing separation area information. This information has been extracted from the Geodatabase file. The spreadsheet includes a cover sheet containing supporting information.
Trail classification and standards	Bushfire Management Trail Classification Guide	A guideline outlining and illustrating performance standards for firelines (fire trails) and access management. It provides guidance for fire trail development and maintenance in alignment with industry standards and best practice.
Supporting information	FCRC_Trail Audit Decision Examples	This document, which demonstrates the reasoning behind fire trail/separation area assessment decisions, providing specific examples and detailed explanations.
Indicative costs	Table of Indicative Costs v0.3.docx	Outlines indicative costs relating to fire trail, separation area and reduced fuel zone vegetation works.

3.1. Data management recommendations and dataset creation decisions:

It is recommended that the new spatial datasets produced by Fireland during this audit be used by Council going forward (i.e. replace the existing dataset). The new spatial datasets contain both the Council's pre-existing data plus additional data and attributes collected during the audit. The datasets also contain data management recommendations in a distinct field. This report contains examples of situations (i.e. individual trails) where various recommendations have been made and the justification for such recommendations. These data management recommendations are to be undertaken by Council, subsequent to the delivery of this project, on the Enhanced Fire Trail dataset.

The *Object ID* and *Global ID* references provided below pertain to the Enhanced Fire Trail dataset produced by Fireland.

4. Fire trail decisions and data management recommendations:

4.1 ‘Remove from Fire Trail dataset and retain in archive’

Data management recommendation:	Remove from new Enhanced Fire Trail dataset and retain in archive.
Data management justification:	Trail does not exist on ground.
Data management works required:	Move to archive.
Field works required:	No works required.

Explanation:

Several BM trails contained in the pre-existing BM Trails dataset physically did not exist on the ground. For example, there was no evidence of a track or a historic alignment identified during site inspection. It is recommended to remove such data from the Fire Trail dataset. If these are proposed alignments for new trails then they should be retained, attributed and symbolised appropriately. The recommendation to move such data to an archive is solely an exercise in best practice record keeping.

Examples:

<p>Object ID: 203</p> <p>Location: Broadway Drive, Craignish.</p> <p>GlobalID: 600c7771-7c38-47a6-95fb-306c6c0a6de4</p>	
<p>Object ID: 25</p> <p>Location: Government Road, Burrum Town.</p> <p>GlobalID: 9a790188-16bd-48e5-b14d-595994f84f0e</p>	

4.2 ‘Remove from Fire Trail dataset and retain in a roadside slashing dataset’

Data management recommendation:	Remove from new Enhanced Fire Trail dataset and retain in roadside slashing dataset.
Data management justification:	Actually a road verge.
Data management works required:	Move to roadside slashing dataset.
Field works required:	No works required.

Explanation:
Several BM trails contained in the pre-existing BM Trails dataset fell on the shoulder of an existing maintained public road. For example, the mapped alignment fell within the existing slashed road shoulder and there was also no evidence of an additional trail. Therefore, they are not a standalone fire trail. It is recommended to remove such data from the Fire Trail dataset. Move such data to a roadside slashing dataset (or another more appropriate dataset relating to slashing), otherwise, move to an archive.

Example:

Object ID: 35

Location: Government Road, Burrum Town.

GlobalID: 6d17573a-b28f-45c7-af17-5d81f8a42d5e





4.3 'Retain in Fire Trail dataset'

Data management recommendation:	Retain in new Enhanced Fire Trail dataset.
Data management justification:	Legitimate FCRC fire trail.
Data management works required:	Nil.
Field works required:	Maintain, upgrade, new trail construction, further assessment required, closure or maintain as required to support planned burning.

Explanation:

Retain such data in the Fire Trail dataset as legitimate fire trails. These fire trails meet the criteria of providing functional value in undertaking fire management activities to achieve risk reduction objectives. Undertake recommended field works (e.g. upgrade, regular maintenance, etc.).

Examples:

<p>Object ID: 641, 642, 643.</p> <p>Location: Bidwill Park, Bidwill.</p> <p>GlobalID: de926131-7044-4bd7-9cee-bab59fde1123, dc9efe10-8218-4950-8073-e882e227f79f, afc2db49-5285-4410-91b0-6ba68d204ece</p>	
<p>Object ID: 590, 195</p> <p>Location: Kinghorn Road, Granville.</p> <p>GlobalID: 556467e6-b4c1-4200-a12d-f3b10d06192c, c7278503-852f-46d5-8bc9-e39d113e86d7</p>	

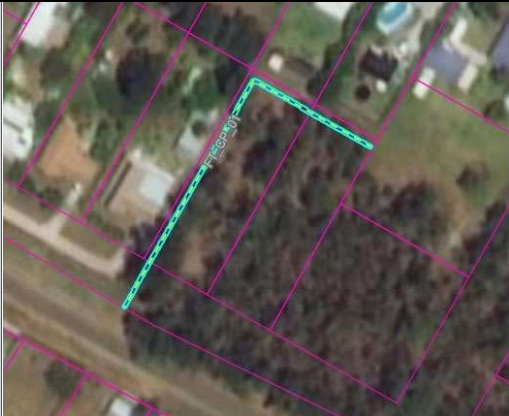

4.4 'Retain in Fire Trail dataset as a contingency line'

Data management recommendation:	Retain in new Enhanced Fire Trail dataset as a contingency line.
Data management justification:	Not on FCRC managed land.
Data management works required:	Attribute and symbolise appropriately.
Field works required:	No works required.

Explanation:

These BM trails physically existed on the ground (i.e. were ground-truthed) but do not sit on Council managed land. They have value at a landscape level in managing bushfire related risks and could be used in the future during planned burning or fire suppression activities. It is recommended to retain such data in the Fire Trail dataset, but attribute and symbolise such that they are clearly identifiable as fallback or contingency lines, and with no maintenance responsibilities as they are not within FCRC jurisdiction. In the event of a bushfire they can be used or reopened reducing the need to create new trails and disturbance.

Examples:

<p>Object ID: 118 (private land)</p> <p>Location: Copenhagen Street, Maryborough West.</p> <p>GlobalID: e632677c-fd26-4abe-9c8c-8fd2a7cbcb15</p>	
<p>Object ID: 118 (state land)</p> <p>Location: Boonooroo Road, Boonooroo.</p> <p>GlobalID: 3d6da27d-2fc6-4844-982a-c6fc9239c94a</p>	


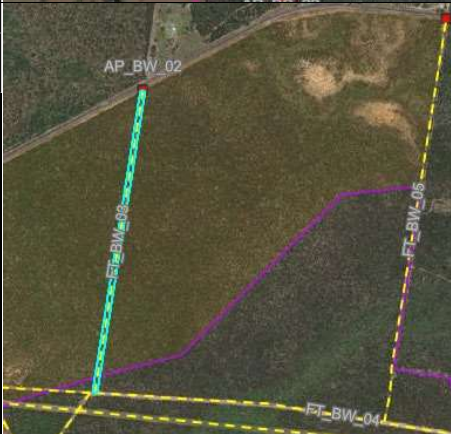
4.5 'Retain in Fire Trail dataset as external owner'

Data management recommendation:	Retain in new Enhanced Fire Trail dataset as external owner.
Data management justification:	Not on FCRC land but forms part of a BMP.
Data management works required:	Attribute and symbolise appropriately.
Field works required:	Maintain, upgrade, new trail construction or maintain as required to support planned burning.

Explanation:

These BM trails, which were contained in the pre-existing BM Trails dataset, were ground-truthed, and although they do not sit on Council land, they form a necessary part of a *Bushfire Management Plan*. They will need ongoing maintenance to support fire management and Council should consult with the land manager/owner upon which the trails sit so there is a shared understanding of the importance of the fire trail. Maintenance of these fire trails should ideally fall to the land manager/owner not FCRC. It is recommended to retain such data in the Fire Trail dataset, but attribute and symbolise such that they are clearly identifiable as externally owned.

Examples:

<p>Object ID: 215, 485 (TMR land)</p> <p>Location: Black Swamp Baxters, Takura.</p> <p>GlobalID: 697967d5-0db0-4c1f-bbc8-d2d8b5de7392, 8498a894-6ed9-461e-a6af-db1bfb4516a9</p>	
<p>Object ID: 133 (DoR land)</p> <p>Location: Burgowan Water, Burgowan.</p> <p>GlobalID: 10cfdb4c-6f31-4c14-be17-ac5800580259</p>	

4.6 'Retain in Fire Trail dataset as a historic alignment'

Data management recommendation:	Retain in new Enhanced Fire Trail dataset as a historic alignment.
Data management justification:	No functional value in land or fire management.
Data management works required:	Attribute and symbolise appropriately.
Field works required:	No works required.

Explanation:

These BM trails, which were contained in the pre-existing BM Trails dataset, were ground-truthed but provide little to no functional value in the landscape as land or fire management trails. These BM trails are located in areas where there are no adjacent assets or vegetation/fuel, or where an established vegetation clearing exists for parklands, day use areas or future development. It is recommended to retain such data in the Fire Trail dataset, but attribute and symbolise such that they are clearly identifiable as historic alignments (i.e. a record of previous disturbance footprints / alignments that were historically mapped).

Examples:

<p>Object ID: 208</p> <p>Location: Broadway Drive, Craginsh.</p> <p>GlobalID: df406e84-e093-4c57-ad56-0d811e1ec4f0</p>	
<p>Object ID: 267</p> <p>Location: Gilston Road, Wondunna.</p> <p>GlobalID: 1269a92e-8917-41e5-a3d5-599b0e40c623</p>	

4.7 ‘Retain in Fire Trail dataset as management access’

Data management recommendation:	Retain in new Enhanced Fire Trail dataset as management access.
Data management justification:	Land management trail.
Data management works required:	Attribute and symbolise appropriately.
Field works required:	Nil fire management works.

Explanation:

These BM trails, which were contained in the pre-existing BM Trails dataset, were ground-truthed but provide little to no functional value in the landscape as fire management trails. These BM trails are positioned and located in areas where there are no adjacent assets to protect. These BM trails may also be unsuitable or unnecessary as containment lines/boundaries given the surrounding fire trail network. These BM trails may however serve to provide access for land management activities or other site-specific functions. It is recommended to retain such data in the Fire Trail dataset, but attribute and symbolise such that they are clearly identifiable as management access tracks.

Examples:

Object ID: 371 Location: Boat Ramp Drive, Tinnanbar. GlobalID: 10267eaf-0194-434d-b2a2-f87f8931b4dd	
Object ID: 408 Location: Hervey Bay Rifle Range, Sunshine Acres. GlobalID: 6cbdfd36-21af-4e9f-86a5-b8bb8b361e20	

4.8 ‘Retain in Fire Trail dataset as a public road’

Data management recommendation:	Retain in new Enhanced Fire Trail dataset as a public road.
Data management justification:	FCRC public road that forms part of a BMP.
Data management works required:	Attribute and symbolise appropriately.
Field works required:	Maintain.

Explanation:
These roads were added to the Fire Trail dataset where no existing road data was available to produce *Bushfire Management Plan* maps. These roads are Council owned and form a necessary part of a *BMP*. It is recommended to retain such data in the Fire Trail dataset, but attribute and symbolise such that they are clearly identifiable as public roads.

Example:

Object ID: 631	
Location: Teddington Weir, Teddington.	
GlobalID: edef4dff-43c2-4c09-a39b-a0e7fab0a50e	

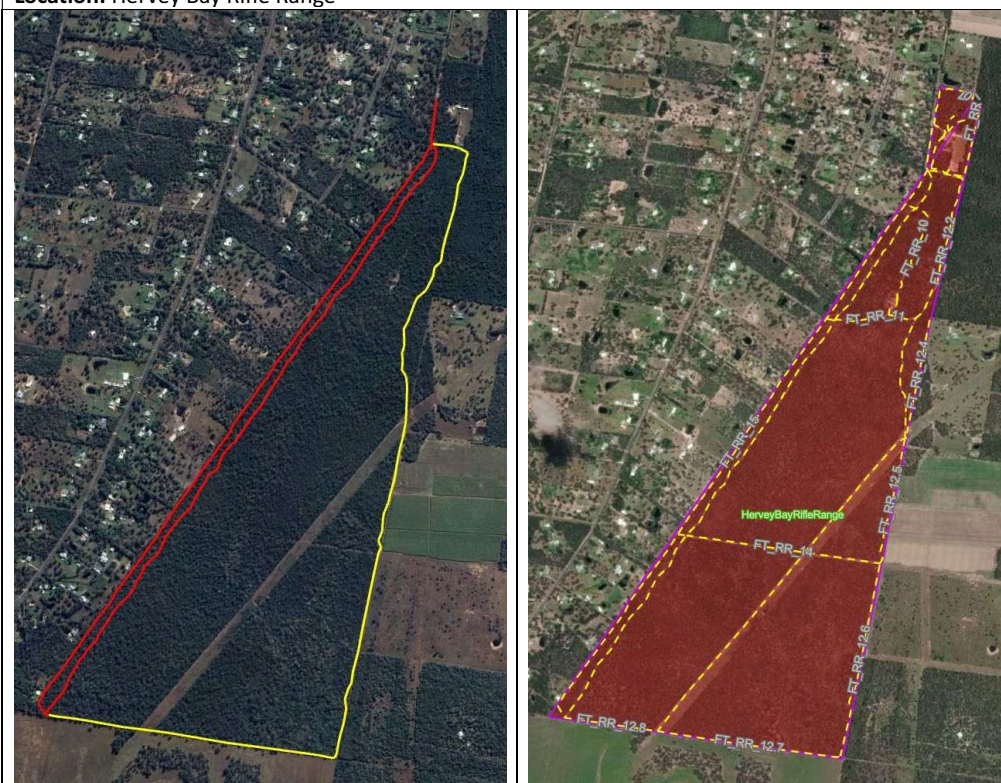
4.9 Single BM Trail split into multiple Fire Trails

Explanation:

Through the site inspections and desktop assessment process single BM trails were split into multiple shorted fire trails. These splits were typically made at logical, easily recognisable features such as track junctions or drastic changed in condition. This splitting allows more detailed analysis of current status and works required.

The example below shows a single track shown in yellow from the pre-existing BM Trails dataset on the left that is approximately 4km long. In the Fire Trail dataset this fire trail has been split into seven individual trails, each with its own unique name as shown in the image on the right.

Location: Hervey Bay Rifle Range

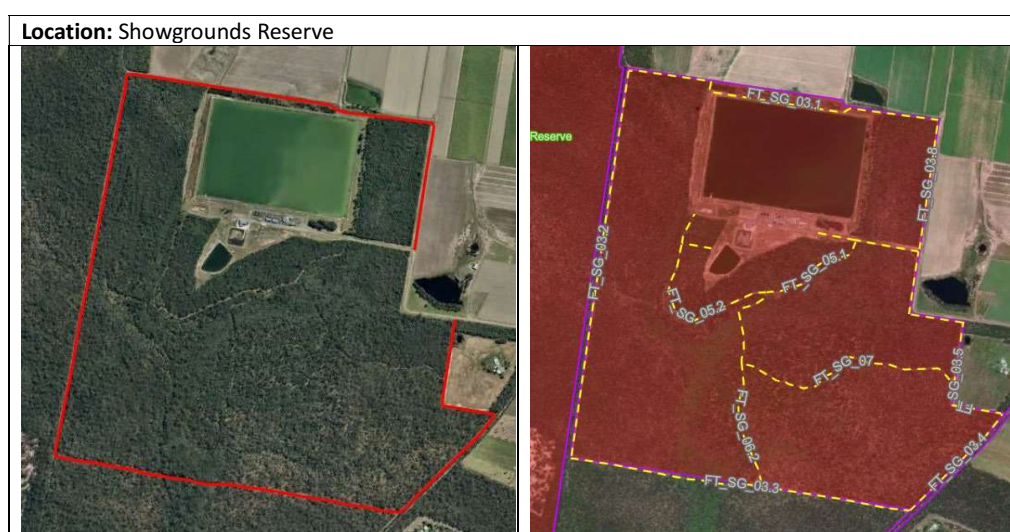


4.10 Capturing additional Fire Trails i.e. Fire Trail network expansion

Explanation:

Through the site inspections within reserves for which *Bushfire Management Plans* were developed, additional fire trails were identified, mapped and added to the Fire Trail dataset. Where these trails are suitable for use for fire management purposes they have been designated accordingly. In other instances they have been designated as 'utility access' or 'walking tracks'.

The example below shows the extent of BM trails mapped in the pre-existing BM Trails dataset on the left. The image on the right shows the extent of fire trails following the audit.



5. Separation Area decisions and data management recommendations:

5.1 Example 1: Separation Area rather than a Fire trail.

Justification:

This BM trail, which was contained in the pre-existing BM Trails dataset, is a sloped, regularly maintained area abutting residential houses and vacant properties. It currently does not meet the performance standards identified in the *Bushfire Management Trail Classification Guide*. Through a subjective assessment as part of the audit it has been deemed as not warranting upgrading to meet the standard. Factors that influenced this decision include:

- The extent, width and landscape connectivity of the adjacent vegetation (limited ability to support head fire development).
- The lack of exposure of the adjacent properties to significant wildfire runs (location and alignment of the vegetation with respect to the typical fire weather conditions).
- The existing setback distance between houses and the vegetation.
- The adjacent reserve contains fire sensitive plant communities that would not be treated with planned burning.

Location: Barramundi Drive, Burrum Heads



5.2 Example 2: Separation Area rather than a Fire Trail.

Justification:

The BM trails in this area were contained in the pre-existing BM Trails dataset, they are regularly maintained areas abutting residential houses. They currently do not meet the performance standards identified in the *Bushfire Management Trail Classification Guide*, predominantly due to the lack of carriageway and shoulder width. Extensive additional clearing would be needed to upgrade this BM trail to minimum fireline standards. Through a subjective assessment as part of the audit they have been deemed as not warranting upgrading to meet the standard. Factors that influenced this decision include:

- The extent, width and landscape connectivity of the adjacent vegetation (limited ability to support head fire development).
- The lack of exposure of the adjacent properties to significant wildfire runs (location and alignment of the vegetation with respect to the typical fire weather conditions).
- The existing vegetation is highly disturbed and transitioning to less fire tolerant vegetation with Vine Forest pioneers, weeds and garden escapees. This transition is making this vegetation less fire prone.
- The existing setback distance between houses and the vegetation.
- The reserve contains fire sensitive plant communities that would ideally not be treated with planned burning. Any planned burning in this area is only likely to promote fire tolerant species.
- Vehicle access and turn around limitations requires considerable large tree removal which would result in further degrading of the quality of the vegetation.

Location: Poona Coastal Reserves, Poona



5.3 Example 3: Separation Area rather than a Fire Trail.

Justification:

The BM trails in this area were contained in the pre-existing BM Trails dataset, they are maintained areas abutting residential houses and properties. They currently do not meet the performance standards identified in the *Bushfire Management Trail Classification Guide*, predominantly due to the lack of a trafficable surface and carriageway width. Extensive additional clearing and earthworks would be needed to upgrade this BM trail to minimum fireline standards. Through a subjective assessment as part of the audit they have been deemed as unfeasible for upgrading to meet the standard. Factors that influenced this decision include:

- The extent, width and landscape connectivity of the adjacent vegetation (limited ability to support head fire development).
- The existing setback distance between houses and the vegetation.
- Vehicle access and turn around limitations would require considerable large tree removal.
- Upgrading to a fireline standard would leave little vegetation along the narrowest sections of the parcel.

Location: Orchid Beach, K'gari



5.4 Example 4: Fire Trail rather than a Separation Area.

Justification:

The BM trails in this area were contained in the pre-existing BM Trails dataset, they are maintained areas abutting residential houses and properties, with a Council reserve and the airport to the east. Through a subjective assessment as part of the audit they have been deemed as suitable and requiring upgrading to meet fireline standards.

Factors that influenced this decision include:

- There is considerable risk from unplanned fires coming from the east or north. The airport may be a source of ignition, with extensive connected forested areas leading up to the residential area, capable of supporting head fire development and intense fire behaviour in the right conditions.
- The current set back distance between houses and the fuel, plus the current trail dimensions, are not sufficient in reducing risk given the surrounding bushfire landscape context.
- The adjacent reserve could be treated with planned burning. As such, these fire fire trails would provide containment lines, in conjunction with others that are present, to support planned burning of the adjacent reserve and airport.
- Planned burning would provide satisfactory risk reduction and return on effort/investment.
- Upgrading such BM trails to a fireline standard would require minor vegetation works only.

Location: Wondunna Township



5.5 Example 5: Fire Trail rather than a Separation Area.

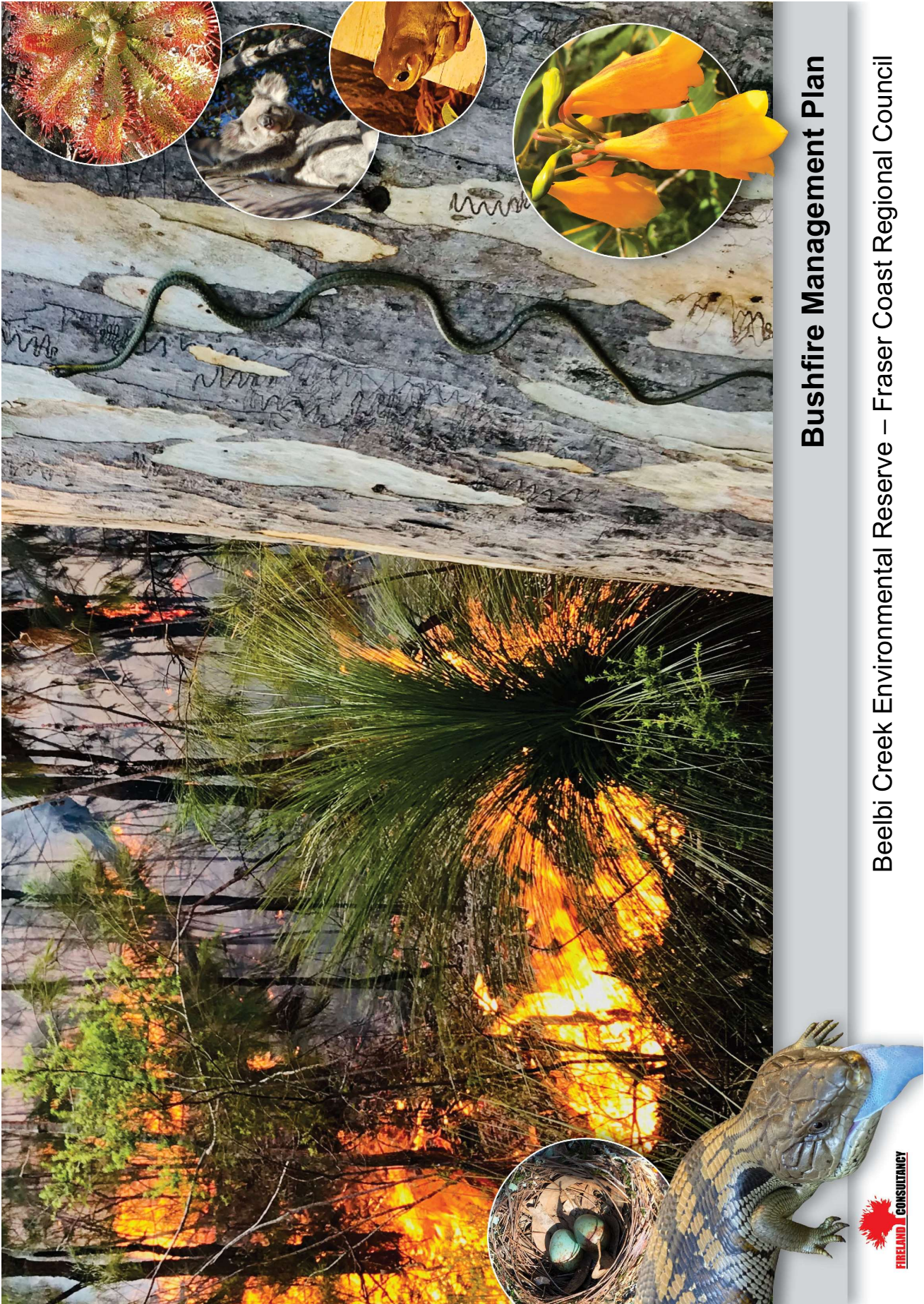
Justification:

This BM trail, which was contained in the pre-existing BM Trails dataset, is a maintained trail through a Council reserve with properties/houses, a sport oval and commercial assets surrounding. Through a subjective assessment as part of the audit they have been deemed as suitable and requiring upgrading to meet fireline standards. Factors that influenced this decision include:

- There is risk from unplanned fires originating within the reserve, and/or passing through the reserve from the surrounding landscape.
- The size of the forested area could support head fire development and considerable fire behaviour in the right conditions.
- The reserve could be treated with planned burning. As such, these fire trails would provide containment lines, in conjunction with others that are present, to support planned burning of the reserve.
- These fire trails would allow for the reserve to be broken up into smaller units, increasing feasibility in planned burn planning and implementation.
- Planned burning would provide satisfactory risk reduction and return on effort/investment.
- Upgrading such fire trails to a fireline standard would require minor vegetation works only.

Location: Bidwell Park, Bidwell





Bushfire Management Plan

Beelbi Creek Environmental Reserve – Fraser Coast Regional Council





Beelbi Creek Environmental Reserve - Bushfire Management Plan

Property description:	Lot 2 on RP212432 Lot 61 on CK1108 Lot 60 on CP900876	Area:	134.32 hectares	BMP Version:	V1.0 – 6 th March 2024
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Introduction

This Fire Management Plan is designed to meet the specific bushfire management needs of the three land parcels managed by Fraser Coast Regional Council. The plan is comprised of three key sections.

1. The supporting information: provides background detail that informs strategic decisions within the strategy.
2. The Fire Management Strategy: identifies the Strategic objectives, the current state of site values and desired outcomes.
3. The Operational Plan: provides a recommended works schedule to achieve the strategic outcomes.

Both the strategy and the operational plan, with their respective maps, are tailored for double-sided printing on a single A3 laminated sheet, providing a handy reference tool.

Supporting Information:

Background: The Beelbi Creek Environmental Reserve is located on the North side of Pialba Burrum Heads Road, 20km west of Hervey Bay in the Burrum catchment. The reserve is comprised of 134ha of remnant vegetation containing a unique array of ecosystems, including open Eucalypt forest, Coastal Heathland and Mangrove and Tidal Saltmarsh communities. The site contains High Ecological Significance Wetlands and provides known habitat for the vulnerable Wallum Froglet. The site also runs adjacent to the declared fish habitat area of Beelbi Creek on the eastern boundary.	Strategic Objectives: <ol style="list-style-type: none">1. Maintain and enhance ecological values and processes.<ul style="list-style-type: none">• Prioritise existing areas in best ecological condition, thereafter, prioritise areas in poorer condition yet recoverable.2. Reduce the likelihood of bushfires negatively impacting remnant vegetation.3. Protection of human life and high-value built assets, within and surrounding the site.4. Reduce the likelihood of bushfires caused on the site impacting the neighbouring assets.
Built Asset Values within property: <ul style="list-style-type: none">• Fences, gates and bollards.	Bushfire related threats to the on-site Built Asset Values: <ol style="list-style-type: none">1. Radiant heat and direct flame contact on fences, gates and bollards.2. Falling trees, due to weakening from fire damage, impacting fences, gates and bollards.
Built Asset Values within surrounding landscape: <ul style="list-style-type: none">• Private properties and residential buildings.• Surrounding roads.	Bushfire related threats to the off-site Built Asset Values: <p>Potential bushfire related threats are:</p> <ol style="list-style-type: none">3. Ember attack and smoke hazard on neighbouring properties and residential buildings.4. Smoke hazard on surrounding road users.5. Falling trees, due to weakening from fire damage, impacting surrounding roads.

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Natural Values					Bushfire related threats to the Ecological Values:		
There are several regional ecosystems (vegetation communities) occurring within the Reserve. The Regional Ecosystem descriptions contain Fire Management Guidelines for these ecosystems. The SEQ Bioregion Planned Burn Guidelines (PBG) provides further guidance on managing these communities to optimise their ecological health. The chapters in the PBG are based on Broad Vegetation Groups which are groups of regional ecosystems with similar ecological requirements.					Potential bushfire related threats are: 1. Inappropriate fire regimes leading to a decline in biodiversity and ecological health of vegetation communities. 2. High intensity bushfire negatively impacting natural values and essential habitat for threatened species. 3. Weed proliferation can occur due to inappropriate use of fire and/or lack of fire and follow-up treatment.		
Regional Ecosystem	Area of RE within Site	Relevant chapter in the PBG	Recommended Interval ¹	Recommended coverage	Vegetation Management Act class ²		
12.1.1 <i>Casuarina glauca</i> woodland on margins of marine clay plains	6.41 ha	Chapter 9: Coastal communities and heaths	6-50 years	50-75%	Of concern		
12.1.2 Saltpan vegetation including grassland, herbland and sedgeland on marine clay plains	21.16 ha	Chapter 12: Mangroves and tidal saltmarshes	Do not burn deliberately.	N/A	Least concern		
12.1.3 Mangrove shrubland to low closed forest on marine clay plains and estuaries	7.68 ha	Chapter 12: Mangroves and tidal saltmarshes	Do not burn.	N/A	Least concern		
12.2.9 <i>Banksia aemula</i> low open woodland on dunes and sand plains. Usually deeply leached soils	11.69 ha	Chapter 9: Coastal communities and heaths	8-15 years	40-60%	Least concern		
12.2.11 <i>Corymbia tessellaris</i> +/- <i>Eucalyptus tereticornis</i> , <i>C. intermedia</i> and <i>Livistona decora</i> woodland on beach ridges in northern half of bioregion	1.11 ha	Chapter 4: Eucalypt woodlands to open forests	Do not burn deliberately.	N/A	Least concern		
12.2.12 Closed heath on seasonally waterlogged sand plains	0.19 ha	Chapter 9: Coastal communities and heaths	1-12 years	40-80%	Least concern		
12.3.13 Closed heathland on seasonally waterlogged alluvial plains usually near coast	29.64 ha	Chapter 9: Coastal communities and heaths	8-20 years	40-80%	Least concern		
12.3.14 <i>Banksia aemula</i> low woodland on alluvial plains usually near coast	12.70 ha	Chapter 9: Coastal communities and heaths	4-12 years	40-80%	Of Concern		
12.3.5 <i>Melaleuca quinquenervia</i> open forest on coastal alluvium	10.62 ha	Chapter 7: Melaleuca communities	Heath 8-12 years,	25-70%	Least concern		
12.5.4 <i>Eucalyptus latissensis</i> +/- <i>Corymbia intermedia</i> , <i>C. trachyphloia</i> subsp. <i>trachyphloia</i> , <i>Angophora leiocarpa</i> , <i>Eucalyptus exserta</i> woodland on complex of remnant Tertiary surfaces and Cainozoic and Mesozoic sediments	30.13 ha	Chapter 4: Eucalypt woodlands to open forests	4-10 years	40-60%	Least concern		
12.5.9 Sedgeland to heathland in low lying areas on complex of remnant Tertiary surface and Tertiary sedimentary rocks	2.70 ha	Chapter 9: Coastal communities and heaths	8-15 years	40-60%	Of concern		

The management plan will support the protection and enhancement of natural values, including the vegetation communities and potential habitat for several rare and threatened species.

Species	Common name	EPBC listing ³	NCA listing ⁴
<i>Chiria timula</i>	Wallum froglet	None	Vulnerable
<i>Melaleuca cheelii</i>	None	None	Near threatened

¹ Source: Fire Management Guidelines. Planned burning may occur outside of the recommended intervals and coverages to achieve the Objectives identified in the plan.

² [Vegetation Management Act 1999](#)

³ [Environment Protection and Biodiversity Conservation Act 1999 \(EPBC\) status](#)

⁴ [Nature Conservation Act 1992 \(NCA\) status](#)

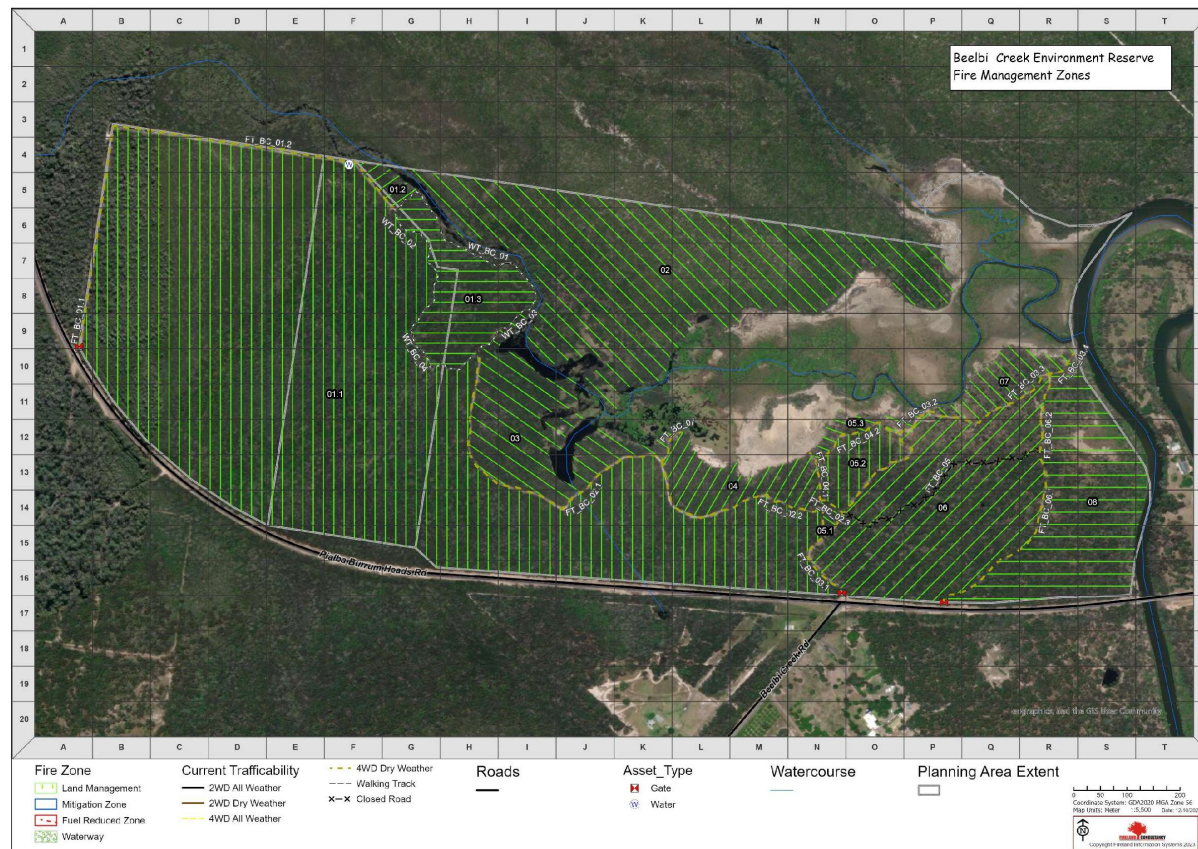


Fire Management Strategy:

Fire Zone:	Management Unit:	Strategic Objective: <i>What are we setting out to achieve?</i>	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like?</i>
Land Management Zone (LMZ)	MU_BC_01 through to MU_BC_05	Maintain and enhance ecological values associated with existing vegetation communities through the implementation of appropriate fire regimes as per Fire Management Guidelines and Planned Burn Guidelines .	Improvement or maintenance of vegetation structure and improvement of ecological condition with a focus on key indicators of health for Regional Ecosystems that occur within given management units (from PBG). See Indicative Works Schedule – Planned Burns .
Land Management Zone (LMZ)	MU_BC_05 through to MU_BC_08	Maintain and enhance ecological values associated with existing vegetation communities through the implementation of appropriate fire regimes as per Fire Management Guidelines and Planned Burn Guidelines .	Maintenance of open forest structure and improvement of ecological condition with a focus on key indicators of health for woodland/open forest (from PBG): <ul style="list-style-type: none"> • A grass, sedge, or shrub-dominated understory (or a mixture). • Broad distribution of age classes among canopy species. • Shrubs and intermediate canopy trees are scattered and are not having any noticeable shading effects on ground layer plants. • Fallen logs and hollow bearing trees may be present. • Grass clumps and/or sedges are well formed and near continuous. • Forest is easy to walk or see through. • Generally few weeds present.
Secondary Firelines	FT_BC_01 FT_BC_02 FT_BC_03 FT_BC_04 FT_BC_06 FT_BC_07	To provide safe, reliable and unobstructed passage and operation of Rural Light Appliances (typically 4WD Utility vehicle) to enable land and bushfire management activities.	Maintain at Secondary Fireline standard (refer to Treatment Specifications).
Strategic Firelines	Pialba Burrum Heads Rd	To provide safe, reliable, and unobstructed passage and operation of Rural Medium Appliances (typically 4WD Light Rigid vehicle) to enable land and bushfire management activities.	Maintain at Strategic Fireline standard (refer to Treatment Specifications).
Walking tracks	WT_BC_01 through to WT_BC_04	To provide safe, reliable, and unobstructed passage by fire fighters on foot.	Maintain at Walking Track standard (refer to Treatment Specifications).



Fire Management Strategy Map:





Operational Plan / Works Schedule:

Applicable Management Unit:	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like? From strategy table.</i>	Current assessment of condition: <i>What does this zone look like now?</i>	Operational Treatment Objective: <i>How will we measure success?</i>	Recommended timing / Implementation Trigger:	Additional notes to support Operational implementation:
LMZs MU_BC_01 through to MU_BC_04	Improvement or maintenance of vegetation structure and improvement of ecological condition with a focus on key indicators of health for Regional Ecosystems that occur within given management units (from PBG). See <i>Indicative Works Schedule – Planned Burns</i> .	<ul style="list-style-type: none"> Long unburnt coastal heath/Melaleuca communities. Dominated by low, even aged and dense Melaleuca and Teatree vegetation with little near-surface fuel. 	<ul style="list-style-type: none"> As fire would be beneficial to improving vegetation structure, utilise unplanned fire events to work towards desirable ecological outcomes where safe and appropriate to do so. Improve containment along western and northern boundaries (FT_BC_1). 	<ul style="list-style-type: none"> Current vegetation structure (dominated by elevated fuels with a lack of surface and near-surface fuels), containment options and typical weather conditions means that used of planned burning in these units to achieve desirable outcomes is highly problematic. Reassess condition and objectives after unplanned fire events. 	<ul style="list-style-type: none"> MU_BC_01 has poor western and northern containment lines given the fuel structure. MU_BC_02 has no northern containment. Units contain fringing fire sensitive mangroves and tidal saltmarshes.
LMZs MU_BC_05.1 MU_BC_05.2 MU_BC_06 MU_BC_07 MU_BC_08	Maintenance of open forest structure and improvement of ecological condition with a focus on key indicators of health for woodland/open forest (from PBG).	<ul style="list-style-type: none"> Disturbed remanent open forest/woodland generally in good condition. Overabundant saplings/midstory thickening (Acacia, Allocasuarina, Grevillia & Melaleuca). Appropriate mixed grassy/shrubby cover and composition. Grass layer is being shaded out by regrowth. Evidence of recent fire (within 5 years). 	<ul style="list-style-type: none"> Implement moderate intensity planned burns with 40 - 60% coverage. Limited fire encroachment into mangrove and tidal saltmarsh communities. 	<ul style="list-style-type: none"> Timing: Ready now (2023). Season: Autumn (in dry years) to early winter (if recent rain occurs). Interval: Approx. every 4 - 10 years. 	<ul style="list-style-type: none"> MU_BC_06 is in better condition. See <i>Supporting Ecological Notes</i>.
LMZ MU_BC_5.3	Maintenance of vegetation structure and ecological condition.	Contains predominately fire-sensitive ecosystems.	Do not deliberately burn.		



Applicable Management Unit:	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like? From strategy table.</i>	Current assessment of condition: <i>What does this zone look like now?</i>	Operational Treatment Objective: <i>How will we measure success?</i>	Recommended timing / Implementation Trigger:	Additional notes to support Operational implementation:
Secondary Firelines - FT_BC_01 FT_BC_02 FT_BC_03 FT_BC_04 FT_BC_06 FT_BC_07	Maintain at Secondary Fireline standard (refer to <i>Treatment Specifications</i>).	<ul style="list-style-type: none"> ≈2 - 4m wide 4WD dry weather track (natural surface). ≈3m vertical clearance. Encroaching shrub vegetation. 	Provides safe, reliable, and unobstructed passage and operation of Rural Light Appliances.	<ul style="list-style-type: none"> Undertake additional works to bring up to standard. Slashing works to occur ≈2 times per year. Ongoing maintenance during the fire season as required. 	
Strategic Fireline - Pialba Burrum Heads Rd	Maintain at Strategic Fireline standard (refer to <i>Treatment Specifications</i>).	<ul style="list-style-type: none"> Two lane bitumen road with ≈2 - 4m wide shoulders. Shrub and canopy vegetation encroaching shoulders. 	Provides safe, reliable, and unobstructed passage and operation of Rural Medium Appliances.	Shoulder slashing works to occur ≈2 times per year.	Undertake vegetation maintenance on shoulders to improve vertical clearance where resources allow.
Walking Tracks - WT_BC_01 through to WT_BC_04	Maintain at Walking Track standard (refer to <i>Treatment Specifications</i>).	<ul style="list-style-type: none"> ≈1m wide walking track with encroaching vegetation. Continuous leaf litter across track in some sections. 	Provides safe, reliable, and unobstructed passage by fire fighters on foot.	Works to occur ad hoc prior to planned burning.	
Closed trail - FT_BC_05	Unmaintained. Allow to continue too naturally regenerate.	Unmaintained with shrubs and small trees regrowing on track.	Unmaintained. Allow to continue too naturally regenerate.	Nil works/maintenance proposed.	

Supporting Ecological Notes:

Burning **Eucalypt woodlands to open forests** (RE 12.2.11 & 12.5.4) - If in moderate-good condition with little overabundant saplings/midstory thickening, aim for low intensity fire with high soil moisture to promote native grass response and limit subsequent shrub response. If overabundant saplings/midstory thickening, aim for moderate intensity slow moving fire to kill saplings and scorch the midstory. Consider follow-up burn within 2 - 3 years to achieve sustained thinning of regrowth.



Indicative Works Schedule – Planned Burns

This document has been developed to provide guidance to Fraser Coast Regional Council on the works required to mitigate the risk of bushfires starting, spreading uncontrollably, and impacting negatively on human life, property, critical assets and the environment. This schedule provides guidance on activities to be conducted over the next five years. This schedule should be reviewed annually in November.

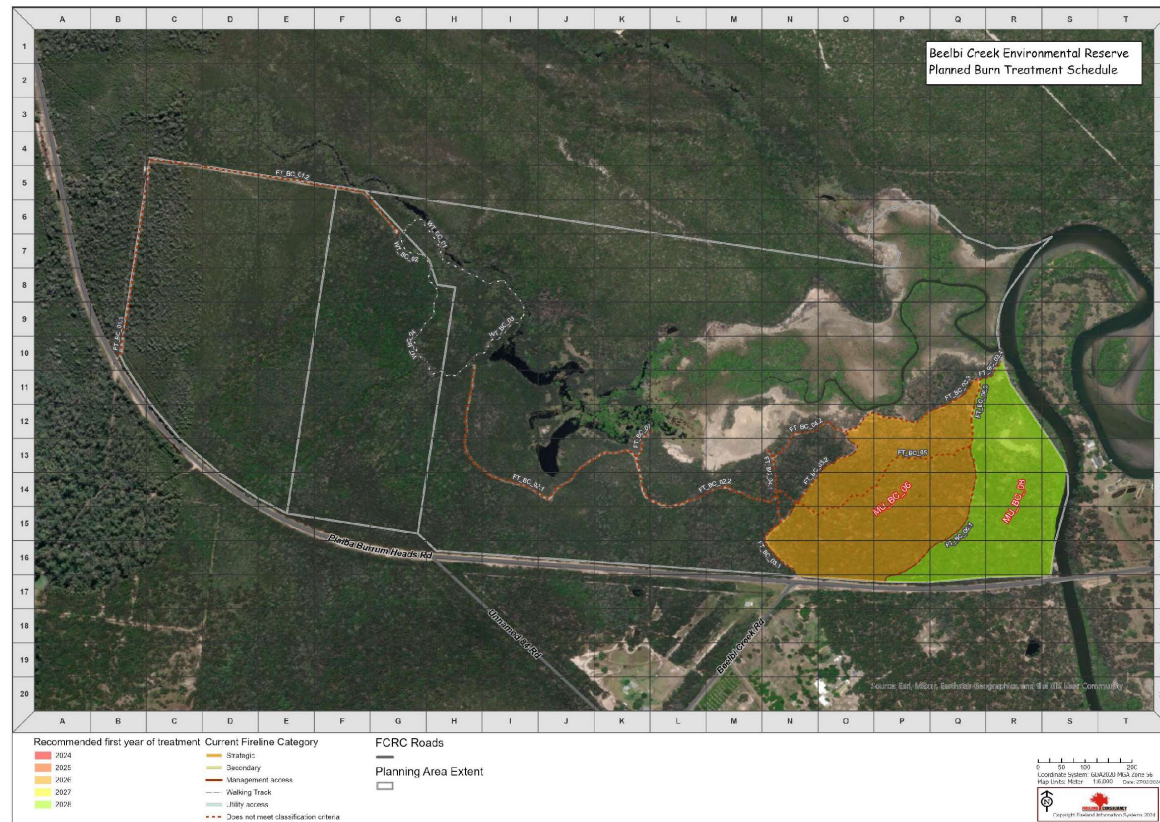
Unit	Regional Ecosystems	Recommended fire interval from DES - Fire Management Guidelines ⁵	Recommended fire interval under this Strategy ⁶	Year last burnt	2024	2025	2026	2027	2028
LMZ MU_BC_01	12.3.5 12.3.13 12.3.14 12.5.4 12.5.9	Heath 8 - 12 years 8 - 20 years 4 - 12 years 4 - 10 years 8 - 15 years	8 - 20 years	2005					
LMZ MU_BC_02	12.2.9 12.2.11 12.3.12 12.3.13 12.3.14	8 - 15 years Do not burn deliberately 1 - 12 years 8 - 20 years 4 - 12 years	8 - 20 years	2005					
LMZ MU_BC_03	12.1.1 12.1.2	6 - 50 years Do not burn deliberately	6 - 50 years	2005					
LMZ MU_BC_04	12.1.1 12.1.2 12.3.12 12.3.14 12.5.4 12.5.9	6 - 50 years Do not burn deliberately 1 - 12 years 4 - 12 years 4 - 10 years 8 - 15 years	1 - 50 years	2005					
LMZs MU_BC_05.1 MU_BC_05.2	12.5.4	4 - 10 years	4 - 10 years	Unknown					
LMZ MU_BC_05.3	12.1.2 12.5.4	Do not burn deliberately 4 - 10 years	Do not burn deliberately	Unknown	Do not burn deliberately				
LMZ MU_BC_06	12.5.4	4 - 10 years	4 - 10 years	2008			Planned burn		
LMZ MU_BC_07	12.1.2 12.5.4	Do not burn deliberately 4 - 10 years	4 - 10 years	Unknown					
LMZ MU_BC_08	12.1.2 12.1.3 12.5.4	Do not burn deliberately Do not burn 4 - 10 years	4 - 10 years	Unknown					Planned burn

⁵ Recommended fire interval as identified in the [Fire Management Guidelines](#). These generic ecological guidelines are provided for regional ecosystems that are in good condition. Where burning is being conducted for non-ecological or to achieve multiple objectives then other factors relevant to those objectives should also be considered such as fuel re-accumulation rates.

⁶ Actual planned burn intervals may be more or less frequent than the recommended interval to achieve the Objectives identified in this plan. Timing is dependent on previous fire severity and coverage, vegetation type, climatic and seasonal conditions and actual rate of fuel re-accumulation. It is also important to note that some burns are sequenced with other burns in the landscape to further reduce risk, meaning that planned burning operations can occur in the same area over successive years.



Indicative Works Map – Planned Burns





Indicative Works Schedule – Fire Access Trails

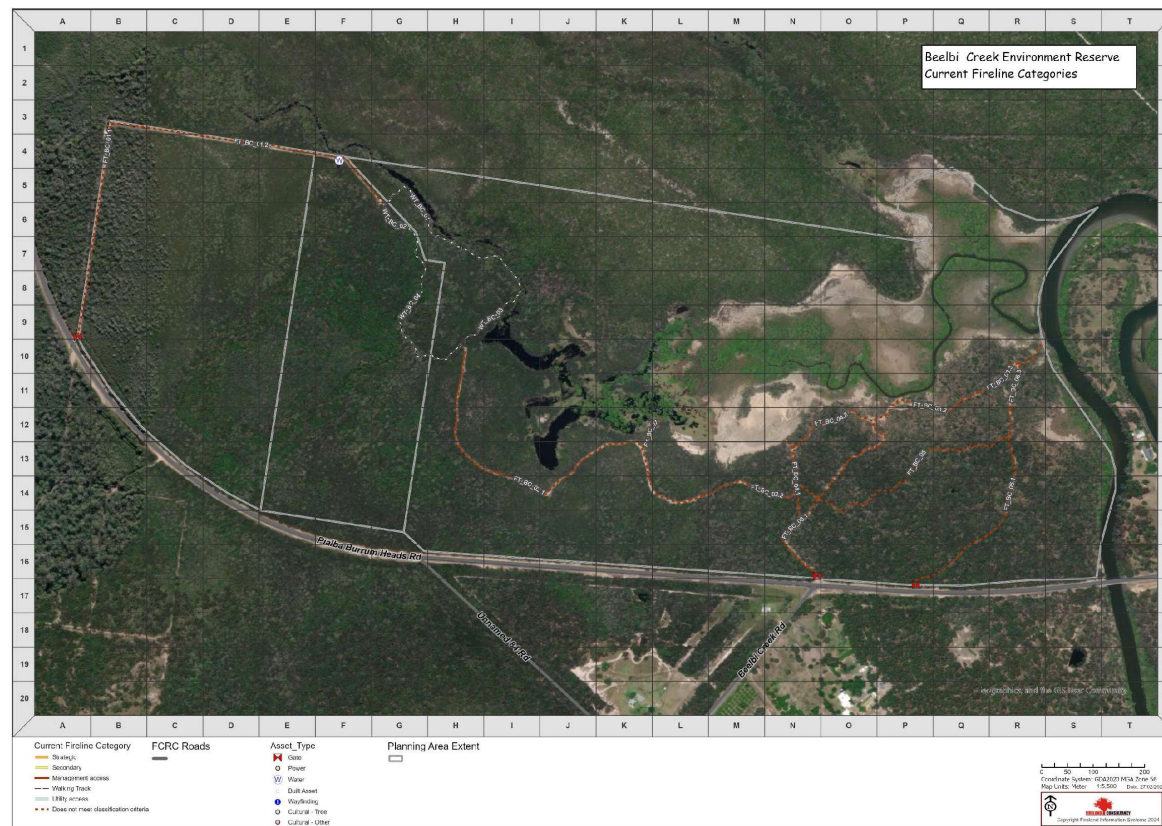
Fire access trail	Current standard	Proposed standard	Initial works recommended						Notes
			Vegetation clearing on shoulders required	Vegetation clearing above carriageway required	Vegetation clearing for pass/turn bays required*	Erosion and run off control works required	Track hardening required	Carriageway and shoulder slashing required	
FT_BC_01.1	Does not meet classification criteria	Secondary	Yes		Yes			Twice a year	
FT_BC_01.2		Secondary	Yes		Yes			Twice a year	
FT_BC_02.1		Secondary	Yes		Yes			Twice a year	
FT_BC_02.2		Secondary	Yes	Yes				Twice a year	
FT_BC_02.3		Secondary	Yes	Yes				Twice a year	
FT_BC_03.1		Secondary	Yes					Twice a year	
FT_BC_03.2		Secondary	Yes		Yes			Twice a year	
FT_BC_03.3		Secondary	Yes					Twice a year	
FT_BC_03.4		Secondary	Yes	Yes				Twice a year	
FT_BC_04.1		Secondary	Yes		Yes			Twice a year	
FT_BC_04.2		Secondary	Yes	Yes				Twice a year	
FT_BC_05		Not used for Fireline							Nil maintenance proposed. Allow to regenerate.
FT_BC_06.1		Secondary	Yes	Yes	Yes			Twice a year	
FT_BC_06.2		Secondary	Yes					Twice a year	
FT_BC_06.3		Secondary	Yes					Twice a year	
FT_BC_07		Secondary	Yes	Yes	Yes			Twice a year	
Pialba Burrum Heads Rd		Strategic	Yes					Twice a year	Undertake vegetation maintenance on shoulders to improve vertical clearance where resources allow. Focus efforts on areas where road shoulder is trafficable to allow improved shoulder slashing and improve road user safety.
WT_BC_01	Walking track	Walking track							Maintain as needed
WT_BC_02	Walking track	Walking track							Maintain as needed
WT_BC_03	Walking track	Walking track							Maintain as needed
WT_BC_04	Walking track	Walking track							Maintain as needed

Supporting implementation notes:

- *Practical locations for turning and passing bay locations may differ from *Treatment Specifications* outlined in this plan. Create bays where suitable, appropriate, and least effort while satisfying the intent of the *Treatment Specifications*.
- Refer to the [NSW Rural Fire Service Fire Trail Design, Construction and Maintenance Manual](#) for guidance on appropriate erosion and runoff control measures to be implemented.



Indicative Works Map – Fire Access Trails



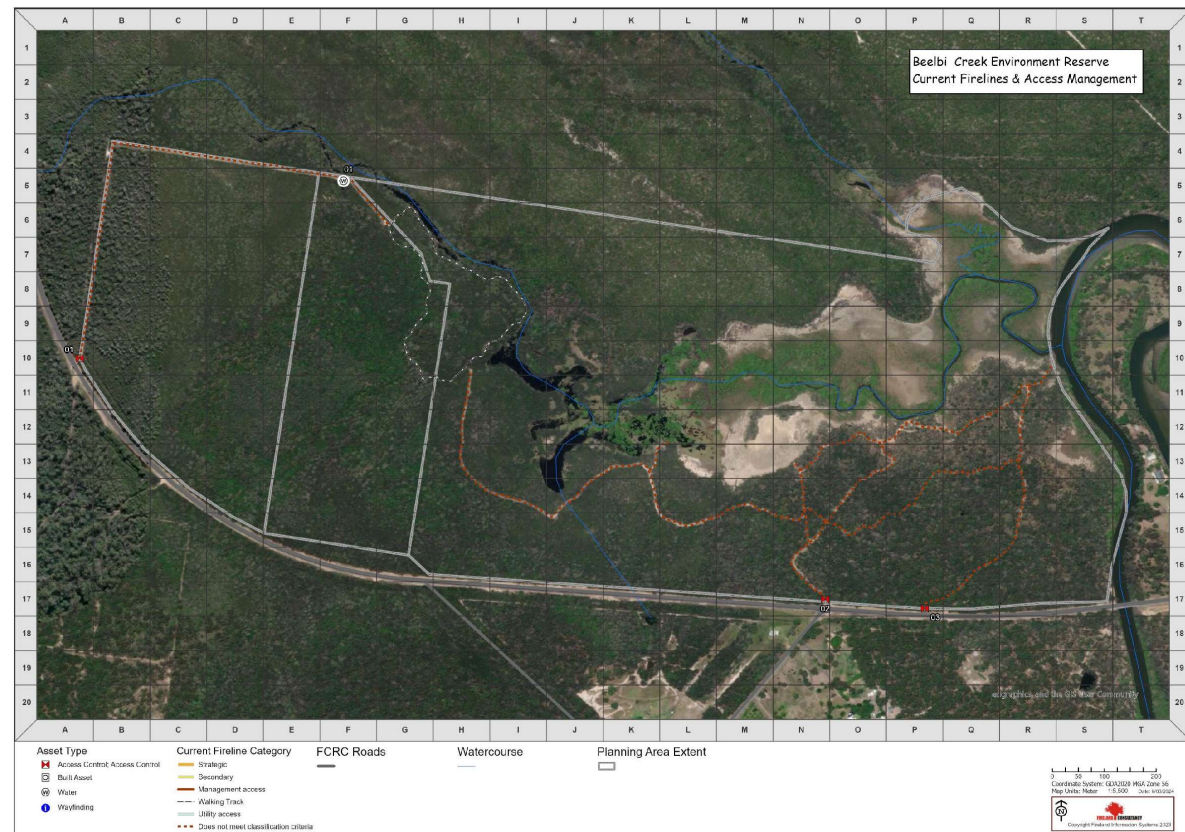


Indicative Works Schedule – Access Management

Reference	Location	Recommended works	Priority	Comments
AP_BC_01	Off Pialba – Burrum Heads Rd at the southern end off FT_BC_01.1	Nil recommended	N/A	Chain gate. Currently effective.
AP_BC_02	Off Pialba – Burrum Heads Rd opposite Beelbi Creek Rd	Nil recommended	N/A	Custom steel gate with wing fencing. Currently effective.
AP_BC_03	Off Pialba – Burrum Heads Rd at the southern end of FT_BC_06.1	Nil recommended	N/A	Custom steel gate with wing fencing. Currently effective.



Indicative Works Map – Access Management





Treatment specifications:

For detailed specifications for Firelines refer to the FCRC Bushfire Management Trail Classification. Undertake ongoing maintenance as required to meet the standard.

Management Unit:	Treatment:
Strategic Fireline	<p>Strategic Objective: To provide safe, reliable, and unobstructed passage and operation of Rural Medium Appliances (typically 4WD Light Rigid vehicles).</p> <ul style="list-style-type: none"> • Carriageway has a trafficable surface with a minimum width of 4 metres. • A minimum vertical clearance of 3.5 metres is provided above the surface of the carriageway. • A 5m wide shoulder on either side of the carriageway is free from Surface hazards (logs, stumps and stacks), Elevated fuel and hazardous trees. • Near-surface fuels across the carriageway and shoulders to be less than 20cm in height. • Treat hazardous trees within one tree length from the outer edge of the shoulder. • Create passing bays of at least 5.5m width for a length of at least 15m every 250m along the track. • Create turning bays at the termination of trails and every 500m. • Where existing carriageway and shoulder widths exceed these standards continue to maintain to existing footprint.
Secondary Fireline	<p>Strategic Objective: To provide safe, reliable, and unobstructed passage and operation of Rural Light Appliances (typically 4WD Utility vehicles).</p> <ul style="list-style-type: none"> • Carriageway has a trafficable surface with a minimum width of 3 metres. • A minimum vertical clearance of 3 metres is provided above the surface of the carriageway. • A 3m wide shoulder on either side of the carriageway is free from Surface hazards (logs, stumps and stacks), Elevated fuel and hazardous trees. • Near-surface fuels across the carriageway and shoulders to be less than 20cm in height. • Treat hazardous trees within one tree length from the outer edge of the shoulder. • Create passing bays of at least 5m width for a length of at least 15m every 250m along the track. • Create turning bays at the termination of trails and every 500m. • Where existing carriageway and shoulder widths exceed these standards continue to maintain to existing footprint.
Walking Track	<p>Strategic Objective: To provide safe, reliable, and unobstructed passage and operation by fire fighters on foot.</p> <ul style="list-style-type: none"> • Trafficable surface with a minimum width of 1.5 metres. • A minimum vertical clearance of 2 metres is provided above the trafficable surface. • Near-surface fuels across the trafficable surface and shoulders to be sparse and regularly maintained (less than 15cm in height). • Treat hazardous trees within one tree length from the outer edge of the shoulder. • Where existing trafficable surface and shoulder widths exceed these standards continue to maintain to existing footprint.

Practical locations for turning and passing bay locations may differ from *Treatment Specifications* outlined in this plan. Create bays where suitable, appropriate, and least effort while satisfying the intent of the *Treatment Specifications*.

If vegetation management (i.e. slashing) is undertaken by machinery imported to the Reserve, weed seed hygiene should be maintained by ensuring that machinery is washed down before and after treatment of each Reserve to reduce the spread of weeds.





Black Swamp Creek and Baxters Road - Bushfire Management Plan

Property description:	Lot 3 on RP847425 Lot 100 on RP886834 Lot 101 on SP111546	Area:	127 hectares	BMP Version:	V1.0 – 6 th March 2024
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Introduction

This Fire Management Plan is designed to meet the specific bushfire management needs of the three land parcels managed by Fraser Coast Regional Council. The plan is comprised of three key sections.

1. The supporting information: provides background detail that informs strategic decisions within the strategy.
2. The Fire Management Strategy: identifies the Strategic objectives, the current state of site values and desired outcomes.
3. The Operational Plan: provides a recommended works schedule to achieve the strategic outcomes.

Both the strategy and the operational plan, with their respective maps, are tailored for double-sided printing on a single A3 laminated sheet, providing a handy reference tool.

Supporting Information:

<p>Background:</p> <p>The Black Swamp Creek and Baxters Road Refuge is located 7.5 km South of Nikenbah, Queensland. The predominately remnant vegetation site covers an area of 127 ha within the Fraser Coast Regional Government area, in the Mary catchment. The Bushland section of the Refuge area is located on the Western Side of Maryborough Hervey Bay Road and the Conservation section is on the East. The confluence of Stockyard Creek and Black Swamp Creek occurs within the site. Stockyard Creek and its tributaries/natural drainage lines meander throughout the entire site.</p> <p>Several areas within the site are low lying and a number of tracks cross creek lines or run through permanently inundated areas, contributing to highly problematic Boundaries. Most of the site (east of Maryborough Hervey Bay Road) is highly disturbed and in poor ecological condition, posing challenges in improving vegetation structure and composition.</p>	<p>Strategic Objectives:</p> <ol style="list-style-type: none"> 1. Protection of human life and high-value built assets, within and surrounding the site. 2. Reduce the likelihood of bushfires caused on the site impacting the neighbouring assets. 3. Maintain and enhance ecological values and processes. <ul style="list-style-type: none"> • Prioritise existing areas in best ecological condition, thereafter, prioritise areas in poorer condition yet recoverable. • Reduce the likelihood of bushfires negatively impacting remnant vegetation.
<p>Built Asset Values within property:</p> <ul style="list-style-type: none"> • Fences and gates. 	<p>Bushfire related threats to the on-site Built Asset Values:</p> <ol style="list-style-type: none"> 1. Direct flame contact on fences. 2. Falling trees, due to weakening from fire damage, impacting surrounding roads.
<p>Built Asset Values within surrounding landscape:</p> <ul style="list-style-type: none"> • Private properties and residential buildings. • Surrounding roads. 	<p>Bushfire related threats to the off-site Built Asset Values:</p> <p>Potential bushfire related threats are:</p> <ol style="list-style-type: none"> 1. Ember attack and smoke hazard on neighbouring properties and residential buildings. 2. Smoke hazard on surrounding road users. 3. Falling trees, due to weakening from fire damage, impacting surrounding roads.



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Natural Values

There are several regional ecosystems (vegetation communities) occurring within the Refuge. The [Regional Ecosystem descriptions](#) contain Fire Management Guidelines for these ecosystems. The SEQ Bioregion [Planned Burn Guidelines](#) (PBG) provides further guidance on managing these communities to optimise their ecological health. The chapters in the PBG are based on Broad Vegetation Groups which are groups of regional ecosystems with similar ecological requirements.

Regional ecosystem	Area of RE within Site	Relevant chapter in the PBG	Recommended Interval ¹	Recommended coverage	Vegetation Management Act class ²
12.3.5 <i>Melaleuca quinquenervia</i> open forest on coastal alluvium.	70.08 ha	Chapter 7: Melaleuca communities	Sedge 12-20 years, Mixed grass/shrub 6-20 years.	25-70%	Least concern
12.3.6 <i>Melaleuca quinquenervia</i> +/- <i>Eucalyptus tereticornis</i> , <i>Lophostemon suaveolens</i> , <i>Corymbia intermedia</i> open forest on coastal alluvial plains.	13.92 ha	Chapter 7: Melaleuca communities	Sedge 12-20 years, Mixed grass/shrub 6-20 years.	25-70%	Least concern
12.3.11 <i>Eucalyptus tereticornis</i> +/- <i>Eucalyptus siderophloia</i> , <i>Corymbia intermedia</i> open forest on alluvial plains usually near coast.	24.83 ha	Chapter 5: Eucalypt open forests to woodlands on floodplains	3-6 years.	40-60%	Of concern
12.5.4 <i>Eucalyptus latissinensis</i> +/- <i>Corymbia intermedia</i> , <i>C. trachyphloia</i> subsp. <i>trachyphloia</i> , <i>Angophora leiocarpa</i> , <i>Eucalyptus exserta</i> woodland on complex of remnant Tertiary surfaces and Cainozoic and Mesozoic sediments.	2.22 ha	Chapter 4: Eucalypt woodlands to open forests	4-10 years.	40-60%	Least concern

The management plan will support the protection and enhancement of natural values, including the vegetation communities and potential habitat for several rare and threatened species.

Species	Common name	EPBC listing ³	NCA listing ⁴
<i>Phascolarctos cinereus</i>	Koala	Endangered	Endangered
<i>Calyptrorhynchus lathamii</i>	Glossy Black-Cockatoo	None	Vulnerable
<i>Crinia tinnula</i>	Wallum Froglet	None	Vulnerable

Bushfire related threats to the Ecological Values:

Potential bushfire related threats are:

1. Inappropriate fire regimes leading to a decline in biodiversity and ecological health of vegetation communities.
2. High intensity bushfire negatively impacting natural values and essential habitat for threatened species.
3. Weed proliferation can occur due to inappropriate use of fire and/or lack of fire and follow-up treatment.

Recorded weeds onsite include:

4. Giant Rat's Tail Grass - *Sporobolus pyramidalis*.
5. Groundsel Bush - *Baccharis halimifolia*.

¹ Source: [Fire Management Guidelines](#). Planned burning may occur outside of the recommended intervals and coverages to achieve the Objectives identified in the plan.

² [Vegetation Management Act 1999](#)

³ [Environment Protection and Biodiversity Conservation Act 1999 \(EPBC\) status](#)

⁴ [Nature Conservation Act 1992 \(NCA\) status](#)

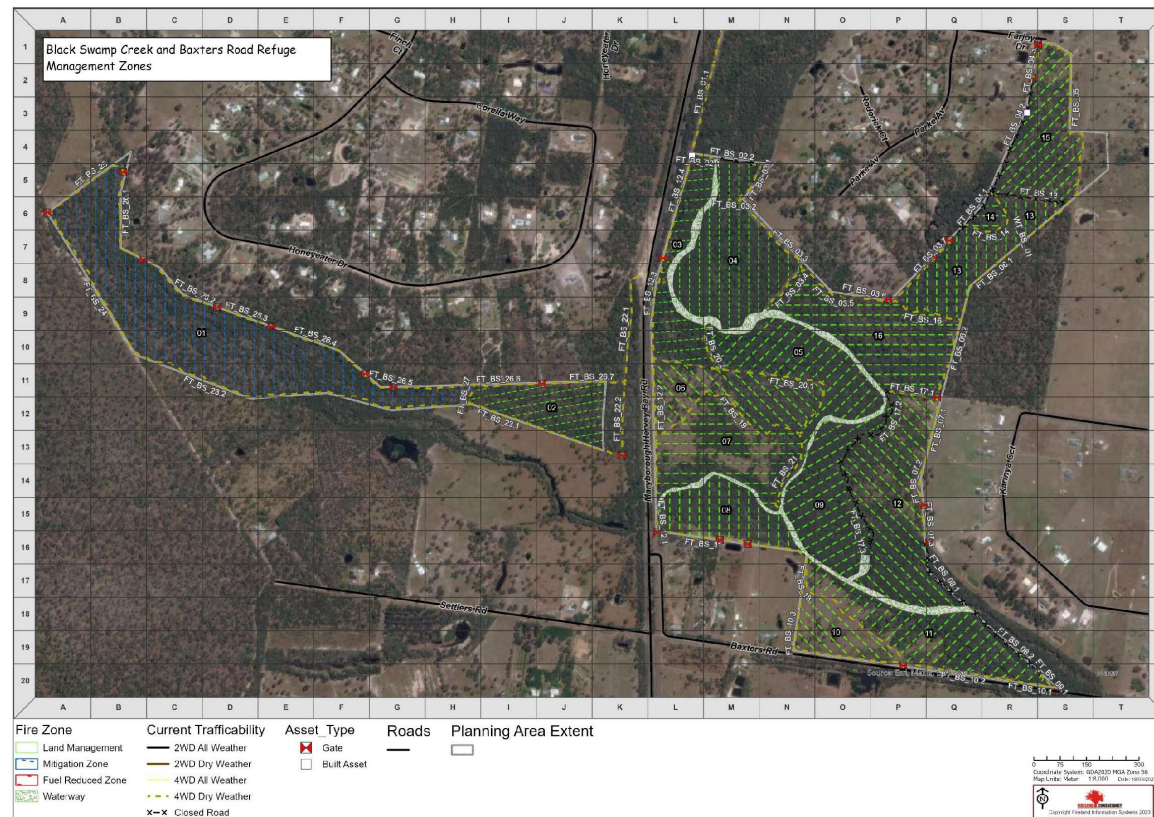


Fire Management Strategy:

Fire Zone:	Management Unit:	Strategic Objective: <i>What are we setting out to achieve?</i>	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like?</i>
Bushfire Moderation Zone (BMZ)	MU_BS_01	<ul style="list-style-type: none"> Reduce the intensity and speed of potential bushfires in areas adjacent to residential properties. Maintain ecological values through appropriate fire regimes as per Fire Management Guidelines. 	<ul style="list-style-type: none"> In the Eucalypt Forest area, an open vegetation structure with limited shrub cover (elevated fuels) and a present grass/sedge layer. In the Melaleuca Forest area, maintain current vegetation structure with limited paperbark thickets, near surface fuels and bark fuels.
Land Management Zone (LMZ)	MU_BS_02 MU_BS_06 MU_BS_07 MU_BS_10 MU_BS_11 MU_BS_12 MU_BS_13 MU_BS_15	Maintain and enhance ecological values associated with existing vegetation communities through the implementation of appropriate fire regimes as per Fire Management Guidelines and Planned Burn Guidelines .	Maintain and improve open forest structure and ecological condition with a focus on key indicators of health for open forest/woodland on floodplains (from PBG): <ul style="list-style-type: none"> Large old trees. A canopy with good vigour and foliage cover. A ground layer dominated by grasses, sedges or leaf litter. Few weeds present.
Land Management Zone (LMZ)	MU_BS_03 MU_BS_04 MU_BS_05 MU_BS_08 MU_BS_09 MU_BS_14 MU_BS_16	Maintain and enhance ecological values associated with existing vegetation communities through the implementation of appropriate fire regimes as per Fire Management Guidelines and Planned Burn Guidelines .	Maintenance of vegetation structure and ecological condition with a focus on key indicators of health for Melaleuca communities (from PBG): <ul style="list-style-type: none"> An understory dominated by native species reflective of the hydrology. Good-condition canopy. Few to no weeds.
Secondary Firelines	FT_BS_01 - FT_BS_27	To provide safe, reliable and unobstructed passage and operation of Rural Light Appliances (typically 4WD Utility vehicle) to enable land and bushfire management activities.	Maintain at Secondary Fireline standard (refer to <i>Treatment Specifications</i>).
Closed Firelines (permanent inundation)	FT_BS_02.2 FT_BS_04.1 FT_BS_04.2 FT_BS_08.1 FT_BS_08.2	Unmaintained tracks that can potentially be reopened during unplanned fires if conditions are suitable.	Historical tracks that run through areas that are either permanently inundated or are creek lines.



Fire Management Strategy Map:





Operational Plan / Works Schedule:

Applicable Management Unit:	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like? From strategy table.</i>	Current assessment of condition: <i>What does this zone look like now?</i>	Operational Treatment Objective: <i>How will we measure success?</i>	Recommended timing / Implementation Trigger:	Additional notes to support Operational implementation:
BMZ MU_BS_01	<ul style="list-style-type: none"> In the Eucalypt Forest area, an open vegetation structure with limited shrub cover (elevated fuels) and a present grass/sedge layer. In the Melaleuca Forest area, maintain current vegetation structure with limited paperbark thickets, near surface fuels and bark fuels. 	<ul style="list-style-type: none"> Disturbed remanent open forest/woodland on floodplain with Melaleuca community along the drainage line. Late-stage overabundant saplings/midstory thickening due to even aged regrowth layer (Acacia & Melaleuca). Lack of mixed grass/sedge cover and diversity. Grass layer is sparse and/or collapsed under regrowth. Leaf litter layer present. Substantial elevated fuels present. 	Implement moderate intensity planned burns to reduce Overall Fuel Hazard to Moderate or less, over 60 - 80% of the management unit.	<p>Implement planned burns at the lower end of the recommended interval to maintain ecological processes while also reducing fuel hazard.</p> <ul style="list-style-type: none"> Timing: Ready now (2023). Season: Autumn to early winter. Interval: Approx. every 3 - 5 years. 	<ul style="list-style-type: none"> For paperbark areas, monitor post-fire germination and kill rates to ascertain return interval. See <i>Supporting Ecological Notes</i>.
LMZ MU_BS_02	<p>Maintenance of open forest structure and improvement of ecological condition with a focus on key indicators of health for open forest/woodland on floodplains (from PBG):</p> <ul style="list-style-type: none"> Large old trees. A canopy with good vigour and foliage cover. A ground layer dominated by grasses, sedges or leaf litter. Few weeds present. 	<ul style="list-style-type: none"> Disturbed remanent open forest/woodland in moderate-good condition. Adequate large trees present. In areas, declining canopy health and low cover comprised of dead crowns. Appropriate grass/sedge layer. Few weeds present. Overabundant saplings/midstory Acacia thickening due to fire disturbance. 	Implement low intensity planned burns with 40 - 60% coverage.	<ul style="list-style-type: none"> Timing: Ready now (2023). Season: Generally, in years of good rainfall. Summer to late autumn, spring after rain. Interval: Approx. every 3 - 6 years. 	<ul style="list-style-type: none"> Hazardous trees management required prior to burning. See <i>Supporting Ecological Notes</i>.
LMZs MU_BS_06 MU_BS_07 MU_BS_10 MU_BS_11	<p>Improvement of vegetation structure and ecological condition with a focus on key indicators of health for open forest/woodland on floodplains (from PBG):</p> <ul style="list-style-type: none"> Maintenance of the few medium sized canopy trees. Recruitment of future canopy trees. A ground layer with native grasses and sedges. Reduced introduced grasses. 	<ul style="list-style-type: none"> Non-remanent, highly disturbed and poor condition blocks containing minimal canopy, open areas of introduced tall grasses and shrub thickets. Cleared and grazed paddocks pre 2000s. Recent fire history - hot fire resulting in overabundant saplings/thickets (Acacia, Eucalyptus & Melaleuca). 	<ul style="list-style-type: none"> Consider the opportunity to utilise as vegetation offset sites. Would require mulching and replanting. Planned burning could be undertaken in MU_BS_06 and MU_BS_10 as part of preparation works. Planned burning could also be potentially undertaken in MU_BS_07 as part of preparation works if containment along the southern edge is established. 	<ul style="list-style-type: none"> As required to support potential vegetation offset works. Planned burning could be undertaken separately in MU_BS_06 and MU_BS_10. 	<ul style="list-style-type: none"> The high levels of disturbance and extended period since clearing (>10yrs) has resulted in high biomass of introduced grasses and a depleted native seed bank. Application of fire will trigger only Acacia regrowth. Giant Rats Tail present in MU_BS_06 & 07. Groundsel Bush present in MU_BS_10 & 11.



Applicable Management Unit:	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like? From strategy table.</i>	Current assessment of condition: <i>What does this zone look like now?</i>	Operational Treatment Objective: <i>How will we measure success?</i>	Recommended timing / Implementation Trigger:	Additional notes to support Operational implementation:
LMZ MU_BS_03 MU_BS_04 MU_BS_05 MU_BS_08 MU_BS_09 MU_BS_13 MU_BS_14 MU_BS_16	Maintenance of vegetation structure and ecological condition with a focus on key indicators of health for Melaleuca communities (from PBG).	<ul style="list-style-type: none"> Swampy areas in good condition containing large old Melaleucas with wet feet. Higher areas in poorer condition containing advanced Melaleuca regrowth with a grass/sedge layer. Fringing poor condition open forest/woodland on floodplain with late-stage whipstick regrowth. 	<ul style="list-style-type: none"> As fire would be beneficial, utilise unplanned fire events to work towards desirable ecological outcomes where safe and appropriate. In event of unplanned fire use existing containment lines rather than direct suppression if risk can be effectively managed. 	<ul style="list-style-type: none"> Current vegetation structure, lack of reliable containment options and typical weather conditions means that used of planned burning in these units to achieve desirable outcomes is highly problematic. Reassess condition and objectives after unplanned fire events. 	Creeks are the only containment lines along the inside boundary of blocks. Although wet all year, creeks are not reliable containment lines due to paperbark spotting potential and lack of access.
LMZ MU_BS_12 MU_BS_15	Improvement of forest structure and ecological condition with a focus on key indicators of health for open forest/woodland on floodplains (from PBG): <ul style="list-style-type: none"> Maintenance of the few medium sized canopy trees. Recruitment of future canopy trees. A ground layer with native grasses and sedges. Reduced introduced grasses. 	<ul style="list-style-type: none"> Non-remnant disturbed and poor condition. Cleared and grazed paddocks pre 2000s. Prior to clearing, formally open forest/woodland on floodplain with fringing Melaleuca communities. Little to no access or containment. 	<ul style="list-style-type: none"> Use of planned fire would be beneficial in both reducing risk and improving ecological health. In the event of unplanned fire use existing containment lines rather than direct suppression if risk can be effectively managed. 	<ul style="list-style-type: none"> The current lack of serviceable tracks to provide reliable containment prevents use of planned burning in these units. Reassess objectives after trail works. Consider grouping MU_BS_15 with MU_BS_02 after trail improvements. 	Trail works required to occur to support fire management activities.
Secondary Firelines - See <i>Indicative Works Schedule - Fire Access Trails</i> .	Maintain at Secondary Fireline standard (refer to <i>Treatment Specifications</i>).	<ul style="list-style-type: none"> Generally, in very poor condition with limited maintenance being undertaken. Significant vegetation encroachment. 	Provides safe, reliable, and unobstructed passage and operation of Rural Light Appliances.	<ul style="list-style-type: none"> Undertake additional works to bring up to standard. Slashing works to occur ≈2 times per year. Ongoing maintenance during the fire season as required. 	Implement access control to prevent unauthorised access to site.



Applicable Management Unit:	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like? From strategy table.</i>	Current assessment of condition: <i>What does this zone look like now?</i>	Operational Treatment Objective: <i>How will we measure success?</i>	Recommended timing / Implementation Trigger:	Additional notes to support Operational implementation:
Closed Firelines (permanent inundation & crossings)- FT_BS_02.2 FT_BS_04.1 FT_BS_04.2 FT_BS_08.1 FT_BS_08.2 FT_BS_09.1 FT_BS_09.2	Further discussion is required to assess the merit of upgrading these tracks to meet required standard.	Untrafficable drainage lines/very boggy sections that are permanently inundated.	Permanently inundated trail and creek crossing options: 1. Do not upgrade. Allow to naturally regenerate. Actively prevent access. 2. Raise track to natural soil level and rock armour- there could be 0.5m deep difficult water crossings during wet times. 3. Raise track to above soil level risking hydrology changes and erosion issues.	To be determined.	Where trails end at closed tracks or creek crossings, create turning bays.

Supporting Ecological Notes:

Eucalypt open forests to woodlands on floodplains (RE 12.3.11) - Burning floodplain and surrounding communities to prevent wildfire is a high priority due to its potential to provide habitat for birds and mammals, including for the endangered Koala that may occur on site. Aim for high soil moisture, wet drainage lines and limit scorch height. Intense fires during dry conditions can promote dense shrub and tree recruitment. Shrubs and small trees form ladder fuels that can draw flames into the canopy, damaging eucalypt crowns. This promotes further dense shrub recruitment, which grows into dense thickets during subsequent long fire intervals, perpetuating the cycle.



Indicative Works Schedule – Planned Burns

This document has been developed to provide guidance to Fraser Coast Regional Council on the works required to mitigate the risk of bushfires starting, spreading uncontrollably, and impacting negatively on human life, property, critical assets and the environment. This schedule provides guidance on activities to be conducted over the next five years. This schedule should be reviewed annually in November.

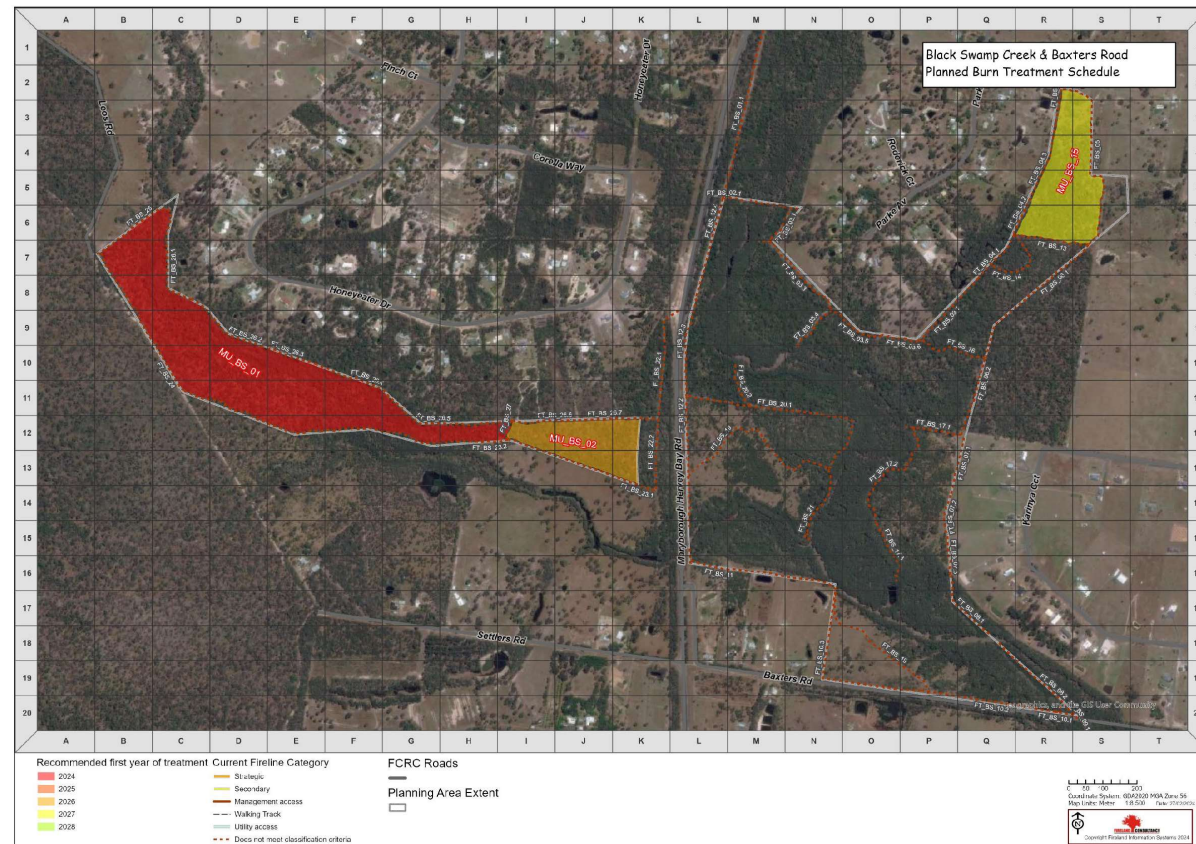
Unit	Regional Ecosystems	Recommended fire interval from DES - Fire Management Guidelines ⁵	Recommended fire interval under this Strategy ⁶	Year last burnt	2024	2025	2026	2027	2028
BMZ MU_BS_01	12.3.5/12.3.6 12.3.11 12.5.4	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years. 4-10 years.	3 - 5 years	Unknown	PB				
LMZ MU_BS_02	12.3.5/12.3.6 12.3.11	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years.	3 - 6 years	2021			PB		
LMZ MU_BS_03	12.3.5/12.3.6 12.3.11	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years.	3 - 20 years	Unknown					
LMZ MU_BS_04	12.3.5/12.3.6 12.3.11 12.5.4	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years. 4-10 years.	3 - 20 years	Unknown					
LMZ MU_BS_05	12.3.5/12.3.6 12.3.11	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years.	3 - 20 years	Unknown					
LMZ MU_BS_06	12.3.5/12.3.6 12.3.11	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years.	3 - 6 years	2021					
LMZ MU_BS_07	12.3.5/12.3.6 12.3.11	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years.	3 - 6 years	2021					
LMZ MU_BS_08	12.3.5 12.3.11	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years.	3 - 20 years	2021					
LMZ MU_BS_09	12.3.5	Sedge 12-20 years, mixed grass/shrub 6-20 years.	6 - 20 years	2021					
LMZ MU_BS_10	12.3.11	3-6 years.	3 - 6 years	2021					
LMZ MU_BS_11	12.3.5 12.3.11	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years.	3 - 6 years	2021					
LMZ MU_BS_12	12.3.5/12.3.6 12.3.11	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years.	3 - 20 years	2002					
LMZ MU_BS_13	12.3.5/12.3.6 12.3.11	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years.	3 - 6 years	Unknown					
LMZ MU_BS_14	12.3.5/12.3.6 12.3.11	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years.	3 - 20 years	Unknown					
LMZ MU_BS_15	12.3.5/12.3.6 12.3.11 12.5.4	Sedge 12-20 years, Mixed grass/shrub 6-20 years. 3-6 years. 4-10 years.	3 - 20 years	Unknown				PB	
LMZ MU_BS_16	12.3.5/12.3.6 12.3.11	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years.	3 - 20 years	Unknown					

⁵ Recommended fire interval as identified in the [Fire Management Guidelines](#). These generic ecological guidelines are provided for regional ecosystems that are in good condition. Where burning is being conducted for non-ecological or to achieve multiple objectives then other factors relevant to those objectives should also be considered such as fuel re-accumulation rates.

⁶ Actual planned burn intervals may be more or less frequent than the recommended interval to achieve the Objectives identified in this plan. Timing is dependent on previous fire severity and coverage, vegetation type, climatic and seasonal conditions and actual rate of fuel re-accumulation. It is also important to note that some burns are sequenced with other burns in the landscape to further reduce risk, meaning that planned burning operations can occur in the same area over successive years.



Indicative Works Map – Planned Burns





Indicative Works Schedule – Fire Access Trails

Fire access trail	Current standard	Proposed standard	Initial works recommended						Notes
			Vegetation clearing on shoulders required	Vegetation clearing above carriageway required	Vegetation clearing for pass/turn bays required*	Erosion and run off control works required	Track hardening required	Carriageway and shoulder slashing required	
FT_BS_01.1	Does not meet classification criteria	Secondary	Yes		Yes		Yes	Twice a year	Sits on TMR road corridor. Harden short sections at drainage lines.
FT_BS_01.2		Secondary	Yes	Yes				Twice a year	
FT_BS_02.1		Secondary	Yes	Yes				Twice a year	
FT_BS_02.2		Not used for Fireline							Permanently inundated. Nill works required
FT_BS_02.3		Secondary	Yes	Yes	Yes			Twice a year	Install turning area at western end.
FT_BS_03.1		Secondary	Yes	Yes				Twice a year	
FT_BS_03.2		Secondary	Yes		Yes			Twice a year	
FT_BS_03.3		Secondary	Yes		Yes			Twice a year	
FT_BS_03.4		Secondary	Yes		Yes			Twice a year	
FT_BS_03.5		Secondary	Yes	Yes				Twice a year	
FT_BS_03.6		Secondary	Yes					Twice a year	
FT_BS_03.7		Secondary	Yes	Yes	Yes			Twice a year	
FT_BS_04.1		Not used for Fireline							Permanently inundated.
FT_BS_04.2		Not used for Fireline							Permanently inundated.
FT_BS_04.3		Secondary	Yes	Yes	Yes			Twice a year	Install turning area at southern end.
FT_BS_04.4		Secondary	Yes	Yes				Twice a year	
FT_BS_05		Secondary	Yes	Yes	Yes			Twice a year	
FT_BS_06.1		Secondary	Yes		Yes			Twice a year	
FT_BS_06.2		Secondary	Yes	Yes	Yes			Twice a year	
FT_BS_07.1		Secondary	Yes	Yes				Twice a year	
FT_BS_07.2		Secondary	Yes	Yes				Twice a year	
FT_BS_07.3		Secondary	Yes	Yes	Yes			Twice a year	Install turning area at southern end.
FT_BS_08.1		Not used for Fireline							Permanently inundated. No maintenance proposed. More effective to manage fire from adjoining private property to the north.
FT_BS_08.2		Not used for Fireline							
FT_BS_09.1		Not used for Fireline							Little value in maintaining.



Fire access trail	Current standard	Proposed standard	Initial works recommended						Notes
			Vegetation clearing on shoulders required	Vegetation clearing above carriageway required	Vegetation clearing for pass/turn bays required*	Erosion and run off control works required	Track hardening required	Carriageway and shoulder slashing required	
FT_BS_09.2	Does not meet classification criteria	Not used for Fireline							
FT_BS_10.1		Secondary	Yes	Yes	Yes			Twice a year	Install turning area at eastern end.
FT_BS_10.2		Secondary	Yes		Yes			Twice a year	
FT_BS_10.3		Secondary	Yes	Yes	Yes			Twice a year	
FT_BS_11		Secondary	Yes		Yes			Twice a year	
FT_BS_12.1		Secondary	Yes		Yes			Twice a year	Install turning area at northern end. Install boulders / barrier to prevent access into creek line.
FT_BS_12.2		Secondary	Yes		Yes			Twice a year	Install turning area at southern end. Install boulders / barrier to prevent access into creek line.
FT_BS_12.3		Secondary	Yes	Yes	Yes			Twice a year	
FT_BS_12.4		Secondary	Yes	Yes	Yes			Twice a year	
FT_BS_13		Secondary	Yes	Yes	Yes			Twice a year	
FT_BS_14		Secondary	Yes	Yes	Yes			Twice a year	Low priority for upgrading
FT_BS_16		Secondary	Yes	Yes				Twice a year	
FT_BS_17.1		Secondary	Yes	Yes	Yes			Twice a year	
FT_BS_17.2		Secondary	Yes	Yes	Yes			Twice a year	Low priority for upgrading
FT_BS_17.3		Secondary			Yes			Twice a year	Low priority for upgrading. Needs new track to connect to FT_BS_07.3 to provide value.
FT_BS_18		Secondary	Yes		Yes			Twice a year	
FT_BS_19		Secondary	Yes		Yes			Twice a year	
FT_BS_20.1		Secondary	Yes	Yes	Yes			Twice a year	
FT_BS_20.2		Secondary	Yes	Yes	Yes			Twice a year	
FT_BS_21		Secondary	Yes	Yes				Twice a year	
FT_BS_22.1		Secondary	Yes	Yes	Yes			Twice a year	Difficult access off Maryborough Harvey Bay Rd. Sits on TMR road corridor.
FT_BS_22.2		Secondary	Yes					Twice a year	Sits on TMR road corridor.
FT_BS_23.1		Secondary	Yes		Yes			Twice a year	
FT_BS_23.2		Secondary	Yes		Yes			Twice a year	
FT_BS_24		Secondary	Yes		Yes			Twice a year	
FT_BS_25		Secondary	Yes	Yes	Yes			Twice a year	
FT_BS_26.1		Secondary	Yes		Yes			Twice a year	
FT_BS_26.2		Secondary	Yes		Yes			Twice a year	
FT_BS_26.3		Secondary	Yes					Twice a year	



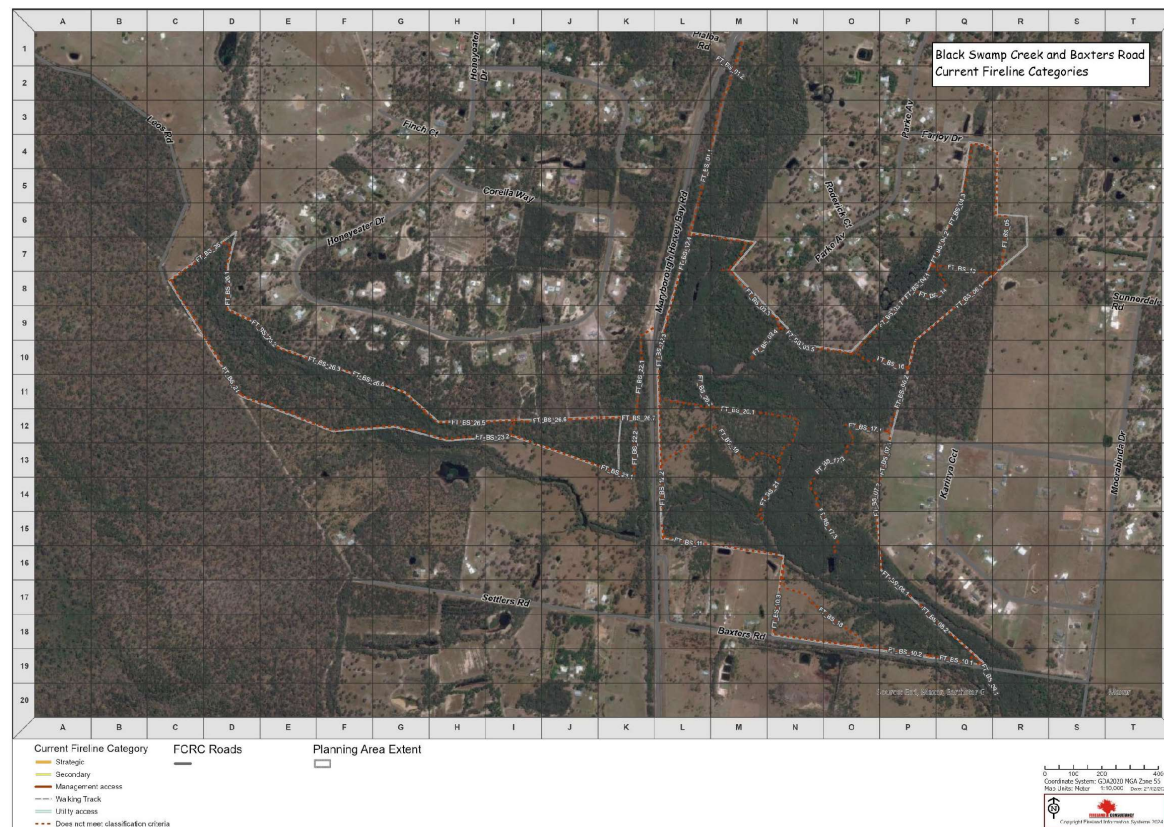
Fire access trail	Current standard	Proposed standard	Initial works recommended						Notes
			Vegetation clearing on shoulders required	Vegetation clearing above carriageway required	Vegetation clearing for pass/turn bays required*	Erosion and run off control works required	Track hardening required	Carriageway and shoulder slashing required	
FT_BS_26.4	Does not meet classification criteria	Secondary	Yes		Yes			Twice a year	
FT_BS_26.5		Secondary	Yes		Yes			Twice a year	
FT_BS_26.6		Secondary	Yes					Twice a year	
FT_BS_26.7		Secondary	Yes		Yes			Twice a year	
FT_BS_27		Secondary	Yes					Twice a year	
Baxters Rd and Maryborough Hervey Bay Rd		Secondary							Continue existing shoulder slashing schedule to the current or widest practical extent. Access control works required.

Supporting implementation notes:

1. Slashing works and to occur prior to fire season (winter) and prior to planned burning, ongoing maintenance to occur as required to maintain to the treatment specifications.
2. If vegetation management (i.e. slashing) is undertaken by machinery imported to the Reserve, weed seed hygiene should be maintained by ensuring that machinery is washed down before and after treatment of each Reserve to reduce the spread of weeds.
3. *Practical locations for turning and passing bay locations may differ from *Treatment Specifications* outlined in this plan. Create bays where suitable, appropriate, and least effort while satisfying the intent of the *Treatment Specifications*.
4. Refer to the [NSW Rural Fire Service Fire Trail Design, Construction and Maintenance Manual](#) for guidance on appropriate erosion and runoff control measures to be implemented.



Indicative Works Map – Fire Access Trails





Indicative Works Schedule – Access Management

Reference	Location	Recommended works	Priority	Comments
AP_BS_01	Northern end of FT_BS_01.1 off Maryborough – Hervey Bay Rd	Discuss with TMR potential for installing boulders.	High	Uncontrolled access point on TMR Road Corridor. Underground gas pipeline in vicinity. Discuss with TMR options for managing access.
AP_BS_02	Western end of FT_BS_01.2 off Maryborough – Hervey Bay Rd	Discuss with TMR potential for custom steel gate.	High	Uncontrolled access point on TMR Road Corridor. Underground gas pipeline in vicinity. Discuss with TMR options for managing access.
AP_BS_03	Southern end of FT_BS_01.1	Monitor effectiveness of work at AP_BS_01 & 02. Consider installing custom steel gate.	Low	Uncontrolled access point potentially on TMR Road Corridor. Underground gas pipeline in vicinity. Installing effective access control here will be problematic as it not readily visible and likely to get regularly challenged. Preference is to install effective access control at AP_BS_01 & 02.
AP_BS_04	Western end of FT_BS_02.1	As above	Low	Existing fence has been cut allowing access from FT_BS_01 to the west. Installing effective access control here will be problematic as it not readily visible and likely to get regularly challenged. Preference is to install effective access control at AP_BS_01 & 02.
AP_BS_05	Western end of FT_BS_02.3 into private property	Monitor	Low	Wire farm gate allowing access into private property to the north (Lot 1/SP230893). Not locked. Low potential traffic area.
AP_BS_06	Off eastern end of FT_BS_03.6 into private property	Monitor	Low	Unlocked steel gate into private property to the north (Lot 12/RP886832). Low potential traffic area.
AP_BS_07	Off FT_BS_03.7 into private property	Monitor	Low	Unlocked steel gate into private property to the north (Lot 13/RP886832). Low potential traffic area.
AP_BS_08	Off FT_BS_03.7 into private property	Monitor	Low	Unlocked steel gate into private property to the north (Lot 14/RP886832). Low potential traffic area.
AP_BS_09	Off FT_BS_04.3 into private property	Monitor	Low	Unlocked steel gate into private property to the west (Lot 18/RP886832). Gate not usable due to trees on private property side. Low potential traffic area.
AP_BS_10	Off FT_BS_04.3 into private property	Monitor	Low	Locked steel gate into private property to the west (Lot 19/RP886832). Gate not usable due to trees on private property side. Low potential traffic area.
AP_BS_11	Off FT_BS_04.3 into private property	Monitor	Low	Unlocked steel gate into private property to the west (Lot 20/RP886832). Low potential traffic area.
AP_BS_12	Off Farjoy Drive onto the northern end of FT_BS_04.4	Fit FCRC lock to gate	Moderate	Existing steel gate without lock.
AP_BS_13	Off FT_BS_07.2 into private property	Monitor	Low	Unlocked steel gate into private property to the east (Lot 22/SP202719). Low potential traffic area.
AP_BS_14	Off FT_BS_07.3 into private property	Monitor	Low	Unlocked steel gate into private property to the east (Lot 21/SP202719). Low potential traffic area.
AP_BS_15	At southern end of FT_BS_07.3	Install boulders and turn around point	Moderate	FT_BS_08 to the south to be closed. Install effective barrier and turn around at this point to prevent continued access along FT.
AP_BS_16	At southern end of FT_BS_09.1 off Baxters Rd	Install boulders	High	Uncontrolled access point through old gate off Baxters Road. FT_BS_09 to the north to be closed. Install effective barrier at this point to prevent continued access along FT.
AP_BS_17	At eastern end of FT_BS_10.1	Install boulders and turn around point	Moderate	FT_BS_09 to the east to be closed. Install effective barrier and turn around at this point to prevent continued access along FT.
AP_BS_18	Off Baxters Rd onto southern end of FT_BS_18	Install custom steel gate	High	Existing gate has been removed allowing access from Baxters Rd. Installing effective access control here will be problematic as it not readily visible and likely to get regularly challenged.



Reference	Location	Recommended works	Priority	Comments
AP_BS_19	Off FT_BS_11 into private property	Monitor	Moderate	Unlocked steel gate into private property to the east (Lot 24/SP111546). Appears to be regularly used to access Council estate.
AP_BS_20	Off FT_BS_11 into private property	Monitor	Low	Locked steel gate into private property to the east (Lot 22/SP202719). Low potential traffic area.
AP_BS_21	Off western end of Baxters Rd on FT_BS_12.1	Fit FCRC lock to gate	High	Existing steel gate without lock.
AP_BS_22	At northern end of FT_BS_12.1	Install boulders and turn around point	Moderate	Creek crossing on FT to the north to be closed. Install effective barrier and turn around at this point to prevent continued access along FT.
AP_BS_23	At southern end of FT_BS_12.1	Install boulders and turn around point	Moderate	Creek crossing on FT to the south to be closed. Install effective barrier and turn around at this point to prevent continued access along FT.
AP_BS_24	At southern end of FT_BS_12.4	Install boulders to prevent access from Maryborough – Hervey Bay Rd	High	Access occurring off Maryborough – Hervey Bay Rd at this point. There is also an existing gate into Council estate. Consider blocking off gate as trails on the eastern side are of little value.
AP_BS_25	At northwestern end of Reserve off Leos Rd	Monitor	Low	Locked gate on Leos Rd. Currently effective.
AP_BS_26	Off FT_BS_26.1 in private property	Monitor	Low	New gate and fence being constructed along boundary of private property (Lot 33/RP910983).
AP_BS_27	Off FT_BS_26.2 in private property	Nil	N/A	Locked steel gate into private property to the east (Lot 31/SP167957). Unusable due to trees growing in gateway.
AP_BS_28	Off FT_BS_26.3 in private property	Monitor	Low	Unlocked steel gate into private property to the north (Lot 29/SP167957). Low potential traffic area.
AP_BS_29	Off FT_BS_26.3 in private property	Monitor	Low	Unlocked steel gate into private property to the north (Lot 27/SP167957). Low potential traffic area.
AP_BS_30	Off FT_BS_26.5 in private property	Monitor	Low	Unlocked steel gate into private property to the north (Lot 24/SP169209). Low potential traffic area.
AP_BS_31	Off FT_BS_26.5 in private property	Monitor	Low	Unlocked steel gate into private property to the north (Lot 24/SP169209). Low potential traffic area.
AP_BS_32	Off FT_BS_26.6 in private property	Consider installing plain wire boundary fencing.	Low	Unlocked steel gate into private property to the north (Lot 18/SP172342). Sections of FT_BS_26.6 and FT_BS_26.7 have no boundary fencing with neighbours.
AP_BS_33	At southern end of FT_BS_22.1	Discuss with TMR potential for custom steel gate.	Moderate	Uncontrolled access point on TMR Road Corridor. Discuss with TMR options for managing access.
AP_BS_34	At southern end of FT_BS_22.2 in private property.	Monitor	Low	Locked steel gate into private property to the south (Lot 1/RP854489). Low potential traffic area.

**Black Swamp Creek & Baxters Road
Current Firelines & Access Management**

Asset Type

- Access Control, Access Control
- Point Asset
- Water
- Wayfinding

Current Fireline Category

- Strategic
- Secondary
- Management access
- Walking Track
- Utility access
- Does not meet classification criteria

FCRC Roads

Watercourse

Planning Area Extent

Scale: 0 100 200 300 M
 Coordinates: Spheroid: GDA2013 MGA Zone 56
 Map Units: Meter T: 10,000 Date: 01/04/19
 Copyright: Government of Western Australia



Treatment Specifications

For detailed specifications for Firelines refer to the FCRC Bushfire Management Trail Classification. Undertake ongoing maintenance as required to meet the standard.

Management Unit:	Treatment:
Strategic Fireline	<p>Strategic Objective: To provide safe, reliable, and unobstructed passage and operation of Rural Medium Appliances (typically 4WD Light Rigid vehicles).</p> <ul style="list-style-type: none"> • Carriageway has a trafficable surface with a minimum width of 4 metres. • A minimum vertical clearance of 3.5 metres is provided above the surface of the carriageway. • A 5m wide shoulder on either side of the carriageway is free from Surface hazards (logs, stumps and stacks), Elevated fuel and hazardous trees. • Near-surface fuels across the carriageway and shoulders to be less than 20cm in height. • Treat hazardous trees within one tree length from the outer edge of the shoulder. • Create passing bays of at least 5.5m width for a length of at least 15m every 250m along the track. • Create turning bays at the termination of trails and every 500m. • Where existing carriageway and shoulder widths exceed these standards continue to maintain to existing footprint.
Secondary Fireline	<p>Strategic Objective: To provide safe, reliable, and unobstructed passage and operation of Rural Light Appliances (typically 4WD Utility vehicles).</p> <ul style="list-style-type: none"> • Carriageway has a trafficable surface with a minimum width of 3 metres. • A minimum vertical clearance of 3 metres is provided above the surface of the carriageway. • A 3m wide shoulder on either side of the carriageway is free from Surface hazards (logs, stumps and stacks), Elevated fuel and hazardous trees. • Near-surface fuels across the carriageway and shoulders to be less than 20cm in height. • Treat hazardous trees within one tree length from the outer edge of the shoulder. • Create passing bays of at least 5m width for a length of at least 15m every 250m along the track. • Create turning bays at the termination of trails and every 500m. • Where existing carriageway and shoulder widths exceed these standards continue to maintain to existing footprint.

Practical locations for turning and passing bay locations may differ from *Treatment Specifications* outlined in this plan. Create bays where suitable, appropriate and least effort while satisfying the intent of the *Treatment Specifications*.





Burgowan Water - Bushfire Management Plan

Property description:	Lot 199 on MCH812153	Area:	2901.06 hectares	FMP Version:	V1.0 – 6 th March 2024
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Introduction

This Fire Management Plan is designed to meet the specific bushfire management needs of the land parcel managed by Fraser Coast Regional Council. The plan is comprised of three key sections.

1. The supporting information: provides background detail that informs strategic decisions within the strategy.
2. The Fire Management Strategy: identifies the Strategic objectives, the current state of site values and desired outcomes.
3. The Operational Plan: provides a recommended works schedule to achieve the strategic outcomes.

Both the strategy and the operational plan, with their respective maps, are tailored for double-sided printing on a single A3 laminated sheet, providing a handy reference tool.

Recommendations:

1. Council is strongly encouraged to ensure that a formal Bushfire Attack Level (BAL) Assessment is undertaken, in accordance with [AS3959–2018: Construction of Buildings in Bushfire Prone Areas](#) and [Bushfire Resilient Communities](#), for the Caretaker’s residence.
2. Council is to consult with Wide Bay Water around the potential impact of planned burning on the water catchment yields and water quality.

Supporting Information:

<p>Background:</p> <p>Burgowan Water is located 20km southwest of Hervey Bay within the Mary and Burnett catchments. The site covers 2901ha of predominantly remnant vegetation that is comprised of mostly Eucalyptus open forest/woodland with Melaleuca communities along the drainage lines. Previous land tenures include grazing, Casava farming, coal mining and subsequent rehabilitation resulting in highly disturbed regrowth areas. The site contains two dams and the Burgowan Water Treatment Plant that purifies water for the local area. It also provides known habitat for threatened species including the Endangered Central Greater Glider, and these values will be considered in the plan. The site is surrounded by DoR land to the south and private properties to the north.</p>	<p>Strategic Objectives:</p> <ol style="list-style-type: none"> 1. Protection of human life and high-value built assets, within and surrounding the site. 2. Reduce the likelihood of bushfires caused on the site impacting the neighbouring assets. 3. Maintain and enhance ecological values and processes. <ul style="list-style-type: none"> • Prioritise existing areas in best ecological condition, thereafter, prioritise areas in poorer condition yet recoverable. • Reduce the likelihood of bushfires negatively impacting remnant vegetation.
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<p>Built Asset Values within property:</p> <ul style="list-style-type: none"> • Burgowan Water Treatment Plant and infrastructure. • Water Pumping Stations. • Residential dwelling. • Powerline infrastructure. • Old station sheds and yard. • Roads and tracks. • Fences and gates. 	<p>Bushfire related threats to the on-site Built Asset Values:</p> <ol style="list-style-type: none"> 1. Ember attack on the water treatment plant and water pumping stations. 2. Ember attack, radiant heat and direct flame contact on the residential dwelling and the old station site. 3. Radiant heat and direct flame contact on powerline poles. 4. Direct flame contact on fences. 5. Falling trees, due to weakening from fire damage, impacting on the residential dwelling, powerlines, the old station, fences, gates, roads and tracks.
<p>Built Asset Values within surrounding landscape:</p> <ul style="list-style-type: none"> • Private properties and residential buildings. • Takura Environmental Centre to the northeast. • Sporting Shooters Association Australia shooting range and the Fraser Coast Pistol Club to the south. • Torbanlea State School to the west. • Surrounding roads. 	<p>Bushfire related threats to the off-site Built Asset Values:</p> <p>Potential bushfire related threats are:</p> <ol style="list-style-type: none"> 1. Ember attack and smoke hazard on neighbouring properties, residential and commercial buildings, Sporting Shooters club and Torbanlea State School. 2. Smoke hazard on surrounding road users. 3. Falling trees, due to weakening from fire damage, impacting surrounding roads.

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Natural Values There are several regional ecosystems (vegetation communities) occurring within the site. The Regional Ecosystem descriptions contain Fire Management Guidelines for these ecosystems. The SEQ Bioregion Planned Burn Guidelines (PBG) provides further guidance on managing these communities to optimise their ecological health. The chapters in the PBG are based on Broad Vegetation Groups which are groups of regional ecosystems with similar ecological requirements.					
Regional ecosystem	Area of RE within Site	Relevant chapter in the PBG	Recommended interval ¹	Recommended coverage	Vegetation Management Act class ²
12.3.5 <i>Melaleuca quinquenervia</i> open forest on coastal alluvium.	62.87 ha	Chapter 7: Melaleuca communities	Sedge 12-20 years, Mixed grass/shrub 6-20 years.	25-70%	Least concern
12.3.6 <i>Melaleuca quinquenervia</i> +/- <i>Eucalyptus tereticornis</i> , <i>Lophostemon suaveolens</i> , <i>Corymbia intermedia</i> open forest on coastal alluvial plains.	57.11 ha	Chapter 7: Melaleuca communities	Heath 8-12 years, Sedge 12-20 years, Mixed grass/shrub 6-20 years.	25-70%	Least concern
12.3.11 <i>Eucalyptus tereticornis</i> +/- <i>Eucalyptus siderophloia</i> , <i>Corymbia intermedia</i> open forest on alluvial plains usually near coast.	132.04 ha	Chapter 5: Eucalypt open forests to woodlands on floodplains	3-6 years.	40-60%	Of concern
12.5.2 <i>Corymbia intermedia</i> , <i>Eucalyptus tereticornis</i> open forest on remnant Tertiary surfaces, usually near coast and on deep red soils.	5.59 ha	Chapter 4: Eucalypt woodlands to open forests	3-6 years.	40-60%	Endangered
12.5.4 <i>Eucalyptus latissinensis</i> +/- <i>Corymbia intermedia</i> , <i>C. trachyphloia</i> subsp. <i>trachyphloia</i> , <i>Angophora leiocarpa</i> , <i>Eucalyptus exserta</i> woodland on complex of remnant Tertiary surfaces and Cainozoic and Mesozoic sediments.	1559.93 ha	Chapter 4: Eucalypt woodlands to open forests	4-10 years.	40-60%	Least concern
12.5.7 <i>Corymbia citriodora</i> subsp. <i>variegata</i> +/- <i>Eucalyptus portuensis</i> or <i>E. acmenoides</i> , <i>E. fibrosa</i> subsp. <i>fibrosa</i> open forest on remnant Tertiary surfaces. Usually deep red soils.	182.11 ha	Chapter 4: Eucalypt woodlands to open forests	Grassy 4-8 years, Shrubby 8-15 years.	40-60%	Least concern

The management plan will support the protection and enhancement of natural values, including the vegetation communities and potential habitat for several rare and threatened species.

Species	Common name	EPBC listing ³	NCA listing ⁴
<i>Phascolarctos cinereus</i>	Koala	Endangered	Endangered
<i>Petauroides armillatus</i>	Central Greater Glider	Endangered	Endangered
<i>Crinia tinnula</i>	Wallum Froglet	None	Vulnerable

 Bushfire related threats to the Ecological Values: Potential bushfire related threats are: 1. Inappropriate fire regimes leading to a decline in biodiversity and ecological health of vegetation communities. 2. High intensity bushfire negatively impacting natural values and essential habitat for threatened species. 3. Weed proliferation can occur due to inappropriate use of fire and/or lack of fire and follow-up treatment. Recorded weeds onsite include: • Giant Rat's Tail Grass - *Sporobolus pyramidalis*. • Lantana - *Lantana camara*. | |

¹ Source: [Fire Management Guidelines](#). Planned burning may occur outside of the recommended intervals and coverages to achieve the Objectives identified in the plan.

² [Vegetation Management Act 1999](#)

³ [Environment Protection and Biodiversity Conservation Act 1999 \(EPBC\) status](#)

⁴ [Nature Conservation Act 1992 \(NCA\) status](#)



Fire Management Strategy:

Fire Zone:	Management Unit:	Strategic Objective: <i>What are we setting out to achieve?</i>	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like?</i>
Reduced Fuel Zone (RFZ)	MU_BW_01 through to MU_BW_05	Reduce the likelihood and potential severity of bushfire impact (direct flame contact, radiant heat and ember attack) on critical infrastructure.	Well maintained reduced fuel areas immediately adjacent to the buildings with sparse shrubs and mown grass, little to no intermediate canopy and well-spaced canopy trees.
Bushfire Moderation Zone (BMZ)	MU_BW_09 MU_BW_10 MU_BW_11	<ul style="list-style-type: none"> Reduce the intensity and speed of potential bushfires in areas adjacent to Reduced Fuel Zones (slashed areas around built assets). Maintain ecological values through appropriate fire regimes as per Fire Management Guidelines. 	Promote an open forest structure with limited shrub cover (elevated fuels) and intermediate canopy.
Land Management Zone (LMZ)	MU_BW_12 through to MU_BW_19	Maintain and enhance ecological values associated with existing vegetation communities through the implementation of appropriate fire regimes as per Fire Management Guidelines and Planned Burn Guidelines .	Maintenance of open forest structure and improvement of ecological condition with a focus on key indicators of health for woodland/open forest (from PBG): <ul style="list-style-type: none"> A grass, sedge, or shrub-dominated understory (or a mixture). Broad distribution of age classes among canopy species. Shrubs and intermediate canopy trees are scattered and are not having any noticeable shading effects on ground layer plants. Grass clumps and/or sedges are well formed and near continuous. Forest is easy to walk or see through. Generally few weeds present.
Land Management Zone (LMZ)	MU_BW_20 through to MU_BW_30	Maintain and enhance ecological values associated with existing vegetation communities through planned or unplanned fire events. Planned burn at appropriate fire regimes as per Fire Management Guidelines and Planned Burn Guidelines .	
Strategic Firelines	FT_BW_01 FT_BW_02 FT_BW_04 FT_BW_11 FT_BW_12	To provide safe, reliable, and unobstructed passage and operation of Rural Medium Appliances (typically 4WD Light Rigid vehicles) and provide a maintained area to support planned burning on adjoining tenures.	Maintain at Strategic Fireline standard (refer to <i>Treatment Specifications</i>).
Secondary Firelines	See <i>Indicative Works Schedule - Fire Access Trails</i> .	To provide safe, reliable and unobstructed passage and operation of Rural Light Appliances (typically 4WD Utility vehicle) to enable land and bushfire management activities.	Maintain at Secondary Fireline standard (refer to <i>Treatment Specifications</i>).
Utility Access tracks		To provide access as required to support inspection and maintenance of utilities.	Maintain as required to support to support land and fire management activities.



Fire Management Strategy Map:





Operational Plan / Works Schedule:

Applicable Management Unit:	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like? From strategy table.</i>	Current assessment of condition: <i>What does this zone look like now?</i>	Operational Treatment Objective: <i>How will we measure success?</i>	Recommended timing / Implementation Trigger:	Additional notes to support Operational implementation:
RFZs MU_BW_01 through to MU_BW_05	Well maintained reduced fuel areas immediately adjacent to the buildings with sparse shrubs and mown grass, little to no intermediate canopy and well-spaced canopy trees.	Varies from well maintained mown areas around WTP to unmaintained areas around old corrugated steel shed and yards.	Reduced fuel area meets or exceeds the width specified in the <i>Treatment Specifications</i> section.	Slashing and brush-cutting to occur ≈3 times per year.	BAL assessment recommended to determine Asset Protection Zone requirements around residential dwelling.
BMZs MU_BW_09 MU_BW_10 MU_BW_11	Promote an open forest structure with limited shrub cover (elevated fuels) and intermediate canopy.	<ul style="list-style-type: none"> Remnant open forest/woodland generally in good condition, some minor past disturbance. Little to no shrub cover. Appropriate mixed grass/shrub layer in areas. Grass layer is sparse and poorly formed in areas, replaced with leaf litter layer. 	Implement moderate intensity planned burns to reduce Overall Fuel Hazard to Moderate or less, over 60 - 80% of the management unit.	Implement planned burns at the lower end of the recommended interval to maintain ecological processes while also reducing fuel hazard. <ul style="list-style-type: none"> Timing: Ready now (2023). Season: Summer (in dry years) to winter (if recent rain occurs). Interval: Approx. every 4 years. 	
LMZs MU_BW_12 MU_BW_13 MU_BW_14	Maintenance of open forest structure and improvement of ecological condition with a focus on key indicators of health for woodland/open forest (from PBG).	<ul style="list-style-type: none"> Remnant open forest/woodland with Floodplain/Melaleuca community along drainage lines, generally in good condition. Some areas are in great condition with a range of age classes including large old trees. Good mixed grass/shrub layer. Grass layer is showing early signs of decline due to absence of fire. 	Implement low-moderate intensity planned burns with 40 - 60% coverage.	<ul style="list-style-type: none"> Timing: Ready now (2023). Season: Autumn (in dry years) to early winter (if recent rain occurs). Interval: Approx. every 6 years. 	<ul style="list-style-type: none"> MU_BW_12 requires consent from DoR to include ≈5ha. MU_BW_12 slash under powerlines and remove vegetation around power poles prior to burning. MU_BW_14 requires consent from DoR to include ≈95ha. See <i>Supporting Ecological Notes</i>.
LMZs MU_BW_15 MU_BW_17 MU_BW_19	Improvement of forest structure and ecological condition with a focus on key indicators of health for woodland/open forest (from PBG).	<ul style="list-style-type: none"> MU_BW_15 & 19 is predominately non-remnant vegetation across former mining areas. Monoculture of 5m high <i>Acacia</i> regrowth. Remaining areas are remnant open forest/woodland with Floodplain/Melaleuca community along the drainage line, in moderate to good condition. 	Implement moderate intensity planned burns with 40 - 60% coverage.	<ul style="list-style-type: none"> Timing: Ready now (2023). Season: Autumn (in dry years) to early winter (if recent rain occurs). Implement planned burn in MU_BW_15 as a trial to understand how the non-remnant vegetation responds and impacts on water quality/processing. 	<ul style="list-style-type: none"> MU_BW_15 - slash under powerlines and remove vegetation around power poles prior to burning. Assess the result of initial planned burn to ascertain the future management actions for MU_BW_16 & 19. Reassess condition and objectives after trial planned burn or unplanned fire events.



Applicable Management Unit:	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like? From strategy table.</i>	Current assessment of condition: <i>What does this zone look like now?</i>	Operational Treatment Objective: <i>How will we measure success?</i>	Recommended timing / Implementation Trigger:	Additional notes to support Operational implementation:
LMZs MU_BW_16 MU_BW_18	Maintenance of open forest structure and improvement of ecological condition with a focus on key indicators of health for woodland/open forest (from PBG).	<ul style="list-style-type: none"> MU_BW_16 predominately non-remnant vegetation across former mining areas. Remaining areas are remnant open woodland with Floodplain/Melaleuca community along drainage lines, in good condition. Good open forest structure, with good mixed grass/shrub layers. Early signs of shrub decline due to lack of regular fire. 	Implement low-moderate intensity planned burns with 40 - 60% coverage.	<ul style="list-style-type: none"> Timing: Ready now (2023). Season: Summer to winter. Interval: Approx. every 4 - 10 years. 	<ul style="list-style-type: none"> MU_BW_16 - slash under powerlines and remove vegetation around power poles prior to burning. MU_BW_18 - planned burning would likely require a multi-agency approach and use of aerial incendiaries.
LMZs MU_BW_20 through to MU_BW_30	Maintenance of open forest structure and improvement of ecological condition.	Small unbounded units with no containment within council estate.	Ecological outcomes achieved through unplanned fire events.	Support planned burning with neighbours where appropriate control lines and opportunities exist.	
Strategic Firelines - FT_BW_01 FT_BW_02 FT_BW_04 FT_BW_11 FT_BW_12	Maintain at Strategic Fireline standard (refer to <i>Treatment Specifications</i>).	<ul style="list-style-type: none"> Slashed ≈5.5-11m wide trails. ≈3-4m vertical clearance. 	Provides safe, reliable, and unobstructed passage and operation of Rural Medium Appliances and provide a maintained area to support planned burning on adjoining tenures.	<ul style="list-style-type: none"> Slashing works to occur ≈2 times per year. Ongoing maintenance during the fire season as required. 	
Secondary Firelines - See <i>Indicative Works Schedule - Fire Access Trails</i> .	Maintain at Secondary Fireline standard (refer to <i>Treatment Specifications</i>).	<ul style="list-style-type: none"> Slashed ≈3-7m wide trails. ≈1.5-7m vertical clearance. 	Provides safe, reliable, and unobstructed passage and operation of Rural Light Appliances.	<ul style="list-style-type: none"> Implement initial works to bring up to required standard. Undertake ongoing works to maintain to standard. 	FT_BW_18, FT_BW_19 & FT_BW_44 are priority for reopening to provide containment and access along western boundary.
Utility Access Tracks - See <i>Indicative Works Schedule - Fire Access Trails</i> .	Unmaintained Powerline easement/utility access.	<ul style="list-style-type: none"> Powerline easements/utility access. No defined track surface. Considerable erosion issues. 	Maintain as required to support planned burning or fire suppression operations.	<ul style="list-style-type: none"> Prior to planned burning – slash under powerlines to protect from fire and allow access to power poles; remove fuels immediately surrounding power poles. 	A number of tracks traverse permanent or seasonally inundated areas.

Supporting Ecological Notes:

Burning in water catchment areas - Exercise awareness of planned burning around drainage lines that are upstream from dams. High severity fires, which consume ground vegetation and expose soil, can increase erosion and sedimentation impacts, particularly during rainfall events that occur post fire. This sedimentation can silt up drainage lines, increase turbidity and thus affect water quality in the dams. Implementation considerations include:

- Planned burning should be carried out when the soil is moist and water is present in drainage lines.
- Utilise natural features such as fuel and soil moisture differentials leading up to drainage lines, which can act as natural buffers.



- Burning during high-humidity conditions may limit the spread of fire into drainage lines and create a lower intensity fire that ideally extinguishes overnight.
- Ignite fires from the outer edge of drainage lines (i.e. on the boundary against adjacent dry Eucalypt open forest).
- Monitor the effectiveness of mitigation strategies.

Burning **Eucalypt woodlands to open forests** (RE 12.2.2, 12.2.4 & 12.2.7) - If in moderate-good condition with little overabundant saplings/midstory thickening, aim for low intensity fire with high soil moisture to promote native grass response and limit subsequent shrub response. If overabundant saplings/midstory thickening, aim for moderate intensity slow moving fire to kill saplings and scorch the midstory. Consider follow-up burn within 2 - 3 years to achieve sustained thinning of regrowth.

Burning in **Melaleuca communities** (RE 12.3.5 & 12.3.6) - Burn with high soil moisture and wet drainage lines to minimise the likelihood of igniting peat layers if they exist.

Burning **Eucalypt open forests to woodlands on floodplains** (RE 12.3.11) - Burning floodplain and surrounding communities to prevent wildfire is a high priority due to its potential to provide habitat for birds and mammals, including for the endangered Koala that may occur on site. Aim for high soil moisture, wet drainage lines and limit scorch height. Intense fires during dry conditions can promote dense shrub and tree recruitment. Shrubs and small trees form ladder fuels that can draw flames into the canopy, damaging eucalypt crowns. This promotes further dense shrub recruitment, which grows into dense thickets during subsequent long fire intervals, perpetuating the cycle.

Burning where **Central Greater Glider** (*Petauroides armillatus*) is present - Planned burning and bushfires can have a significant impact on the Endangered Central Greater Glider. Fires that scorch or consume the canopy have negative impacts due to the loss of food and reduced protection from predators. Post-fire recolonization and repopulation can be delayed due to their low reproductive output and poor dispersal ability. To mitigate these threats:

- Burn with sufficient soil and fuel moisture and appropriate prevailing weather to avoid canopy scorch and reduce the risk of fire at the base of hollow-bearing trees.
- Identify, mark, map, document and protect habitat trees or hollow-bearing trees. Undertake habitat/hollow tree preparation prior to the burn and manage during the burn (adjust fire behaviour through lighting tactics, allocate resourcing and monitor).



Indicative Works Schedule – Planned Burns

This document has been developed to provide guidance to Fraser Coast Regional Council on the works required to mitigate the risk of bushfires starting, spreading uncontrollably, and impacting negatively on human life, property, critical assets and the environment. This schedule provides guidance on activities to be conducted over the next five years. This schedule should be reviewed annually in November.

Unit	Regional Ecosystems	Recommended fire interval from DES - Fire Management Guidelines ⁵	Recommended fire interval under this Strategy ⁶	Year last burnt	2024	2025	2026	2027	2028
BMZ MU_BW_09	12.5.4 12.5.7	4-10 years. Grassy 4-8 years, shrubby 8-15 years.	4 years	2011	Planned burn				Planned burn
BMZ MU_BW_10	12.5.7*	Grassy 4-8 years, shrubby 8-15 years.	4 years	2011	Planned burn				Planned burn
BMZ MU_BW_11	12.5.7	Grassy 4-8 years, shrubby 8-15 years.	4 years	2011	Planned burn				Planned burn
LMZ MU_BW_12	12.3.5 12.3.11 12.5.2 12.5.4 12.5.7	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years. 3-6 years. 4-10 years. Grassy 4-8 years, shrubby 8-15 years.	6 years	2000					
LMZ MU_BW_13	12.3.5 12.3.11 12.5.4	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years. 4-10 years.	6 years	2019					
LMZ MU_BW_14	12.3.5 12.3.11 12.5.4	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years. 4-10 years.	6 years	2007					
LMZ MU_BW_15	12.3.11* 12.5.4* 12.5.7*	3-6 years. 4-10 years. Grassy 4-8 years, shrubby 8-15 years.	4-15 years	2004		Planned burn			
LMZ MU_BW_16	12.3.5 12.3.11 12.5.4* 12.5.7*	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years. 4-10 years. Grassy 4-8 years, shrubby 8-15 years.	4-20 years	Unknown					
LMZ MU_BW_17	12.5.4	4-10 years.	4-10 years	Unknown					
LMZ MU_BW_18	12.3.5/12.3.6 12.3.11 12.5.2 12.5.4 12.5.7	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years. 3-6 years. 4-10 years. Grassy 4-8 years, shrubby 8-15 years.	4-10 years	2020					
LMZ MU_BW_19	12.3.6* 12.5.4* 12.5.7*	Sedge 12-20 years, mixed grass/shrub 6-20 years. 4-10 years. Grassy 4-8 years, shrubby 8-15 years.	4-15 years	Unknown					
MU_BW_20 MU_BW_21 MU_BW_22 MU_BW_23 MU_BW_24 MU_BW_25 MU_BW_26 MU_BW_27 MU_BW_28 MU_BW_29 MU_BW_30	12.3.5/12.3.6 12.3.11 12.5.2 12.5.4 12.5.7	Sedge 12-20 years, mixed grass/shrub 6-20 years. 3-6 years. 3-6 years. 4-10 years. Grassy 4-8 years, shrubby 8-15 years.	3-10 years	Unknown					

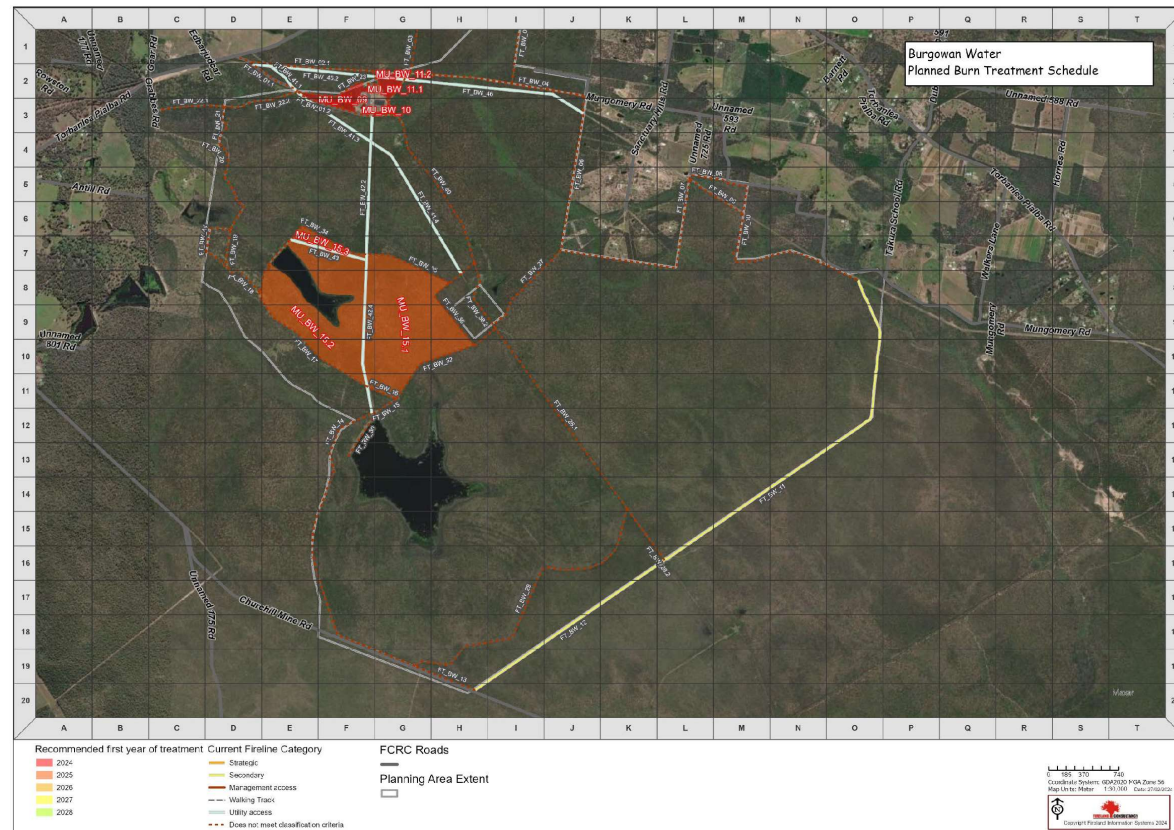
*Denotes non-remnant.

⁵ Recommended fire interval as identified in the [Fire Management Guidelines](#). These generic ecological guidelines are provided for regional ecosystems that are in good condition. Where burning is being conducted for non-ecological or to achieve multiple objectives then other factors relevant to those objectives should also be considered such as fuel re-accumulation rates.

⁶ Actual planned burn intervals may be more or less frequent than the recommended interval to achieve the Objectives identified in this plan. Timing is dependent on previous fire severity and coverage, vegetation type, climatic and seasonal conditions and actual rate of fuel re-accumulation. It is also important to note that some burns are sequenced with other burns in the landscape to further reduce risk, meaning that planned burning operations can occur in the same area over successive years.



Indicative Works Map – Planned Burns





Indicative Works Schedule – Fire Access Trails

Fire access trail	Current standard	Proposed standard	Initial works recommended					Carriageway and shoulder slashing required	Notes
			Vegetation clearing on shoulders required	Vegetation clearing above carriageway required	Vegetation clearing for pass/turn bays required*	Erosion and run off control works required	Track hardening required		
FT_BW_01.1	Does not meet classification criteria	Strategic	Yes	Yes	Yes			Twice a year	Outside Council estate.
FT_BW_01.2		Strategic	Yes	Yes	Yes			Twice a year	
FT_BW_01.3		Strategic	Yes	Yes				Twice a year	
FT_BW_01.4		Strategic	Yes					Twice a year	
FT_BW_02.1		Strategic	Yes	Yes	Yes			Twice a year	Outside Council estate.
FT_BW_02.2		Secondary	Yes		Yes			Twice a year	Partially outside Council estate.
FT_BW_03		Secondary	Yes		Yes	Yes		Twice a year	Outside Council estate.
FT_BW_04		Secondary			Yes			Twice a year	
FT_BW_05		Secondary			Yes	Yes		Twice a year	Partially outside Council estate.
FT_BW_06		Secondary	Yes		Yes			Twice a year	
FT_BW_07		Secondary	Yes		Yes	Yes		Twice a year	
FT_BW_08		Secondary	Yes	Yes	Yes	Yes		Twice a year	
FT_BW_09		Secondary	Yes		Yes			Twice a year	
FT_BW_10		Secondary	Yes	Yes	Yes	Yes		Twice a year	
FT_BW_11	Secondary	Strategic	Yes					Twice a year	Maintain to current extent.
FT_BW_12	Secondary	Strategic	Yes					Twice a year	Maintain to current extent.
FT_BW_13	Does not meet classification criteria	Secondary	Yes		Yes			Twice a year	
FT_BW_14		Secondary	Yes		Yes			Twice a year	
FT_BW_15		Secondary	Yes		Yes			Twice a year	
FT_BW_16		Secondary	Yes	Yes	Yes			Twice a year	
FT_BW_17		Secondary	Yes	Yes	Yes			Twice a year	
FT_BW_18		Secondary	Yes	Yes	Yes			Twice a year	
FT_BW_19		Secondary	Yes	Yes	Yes			Twice a year	
FT_BW_20		Secondary	Yes		Yes			Twice a year	
FT_BW_21		Secondary	Yes	Yes	Yes			Twice a year	
FT_BW_22.1		Secondary	Yes		Yes			Twice a year	Outside Council estate.
FT_BW_22.2		Secondary	Yes	Yes	Yes			Twice a year	
FT_BW_23		Secondary	Yes		Yes			Twice a year	
FT_BW_24		Secondary	Yes		Yes			Twice a year	
FT_BW_25.1		Secondary	Yes					Twice a year	
FT_BW_25.2		Secondary	Yes		Yes			Twice a year	
FT_BW_26		Secondary	Yes					Twice a year	
FT_BW_27		Secondary	Yes		Yes			Twice a year	
FT_BW_28.1		Secondary	Yes	Yes	Yes	Yes		Twice a year	
FT_BW_28.2		Secondary	Yes	Yes	Yes			Twice a year	



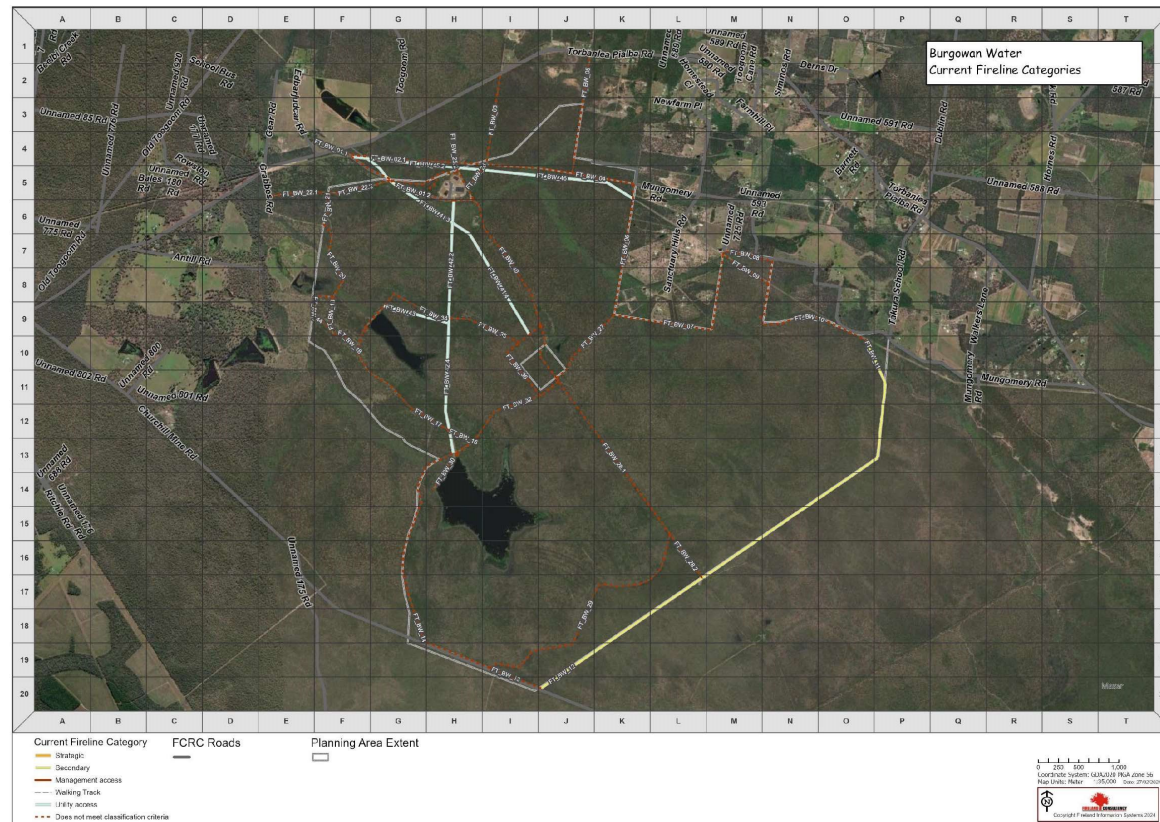
Fire access trail	Current standard	Proposed standard	Initial works recommended						Notes
			Vegetation clearing on shoulders required	Vegetation clearing above carriageway required	Vegetation clearing for pass/turn bays required*	Erosion and run off control works required	Track hardening required	Carriageway and shoulder slashing required	
FT_BW_29	Does not meet classification criteria	Secondary	Yes		Yes			Twice a year	Raised track surface with drains on both sides, making it difficult to create trafficable turn/pass bays.
FT_BW_30		Secondary	Yes		Yes			Twice a year	Turning bay required at southern end.
FT_BW_31		Secondary	Yes		Yes			Twice a year	
FT_BW_32		Secondary	Yes	Yes	Yes			Twice a year	
FT_BW_33.1		Secondary	Yes	Yes	Yes		Yes	Twice a year	Hardening required through dam spillway.
FT_BW_33.2		Secondary	Yes					Twice a year	On dam wall with no space to create turn/pass bays.
FT_BW_34		Secondary	Yes	Yes	Yes			Twice a year	
FT_BW_35		Secondary	Yes	Yes	Yes			Twice a year	
FT_BW_36		Secondary	Yes		Yes			Twice a year	
FT_BW_37		Secondary	Yes	Yes	Yes			Twice a year	
FT_BW_38.1		Secondary	Yes					Twice a year	
FT_BW_38.2		Secondary	Yes		Yes			Twice a year	Outside Council estate.
FT_BW_38.3		Secondary	Yes		Yes			Twice a year	
FT_BW_39.1		Secondary	Yes					Twice a year	
FT_BW_39.2		Secondary	Yes					Twice a year	
FT_BW_40		Secondary	Yes		Yes			Twice a year	
FT_BW_41	Utility access	Utility access							Outside Council estate.
FT_BW_42	Utility access	Utility access							
FT_BW_43	Utility access	Utility access							
FT_BW_44	Does not meet classification criteria	Secondary	Yes	Yes	Yes			Twice a year	
FT_BW_45.1	Utility access	Utility access							Outside Council estate.
FT_BW_45.2	Utility access	Utility access							Outside Council estate.
FT_BW_45.3	Utility access	Utility access							Prior to planned burning, slash easement and clear fuels around power poles.
FT_BW_46	Utility access	Utility access							Prior to planned burning, slash easement and clear fuels around power poles.

Supporting implementation notes:

- *Practical locations for turning and passing bay locations may differ from *Treatment Specifications* outlined in this plan. Create bays where suitable, appropriate, and least effort while satisfying the intent of the *Treatment Specifications*.
- Refer to the [NSW Rural Fire Service Fire Trail Design, Construction and Maintenance Manual](#) for guidance on appropriate erosion and runoff control measures to be implemented.
- Slashing works and to occur prior to fire season (winter) and prior to planned burning, ongoing maintenance to occur as required to maintain to the treatment specifications.



Indicative Works Map – Fire Access Trails





Indicative Works Schedule – Access Management

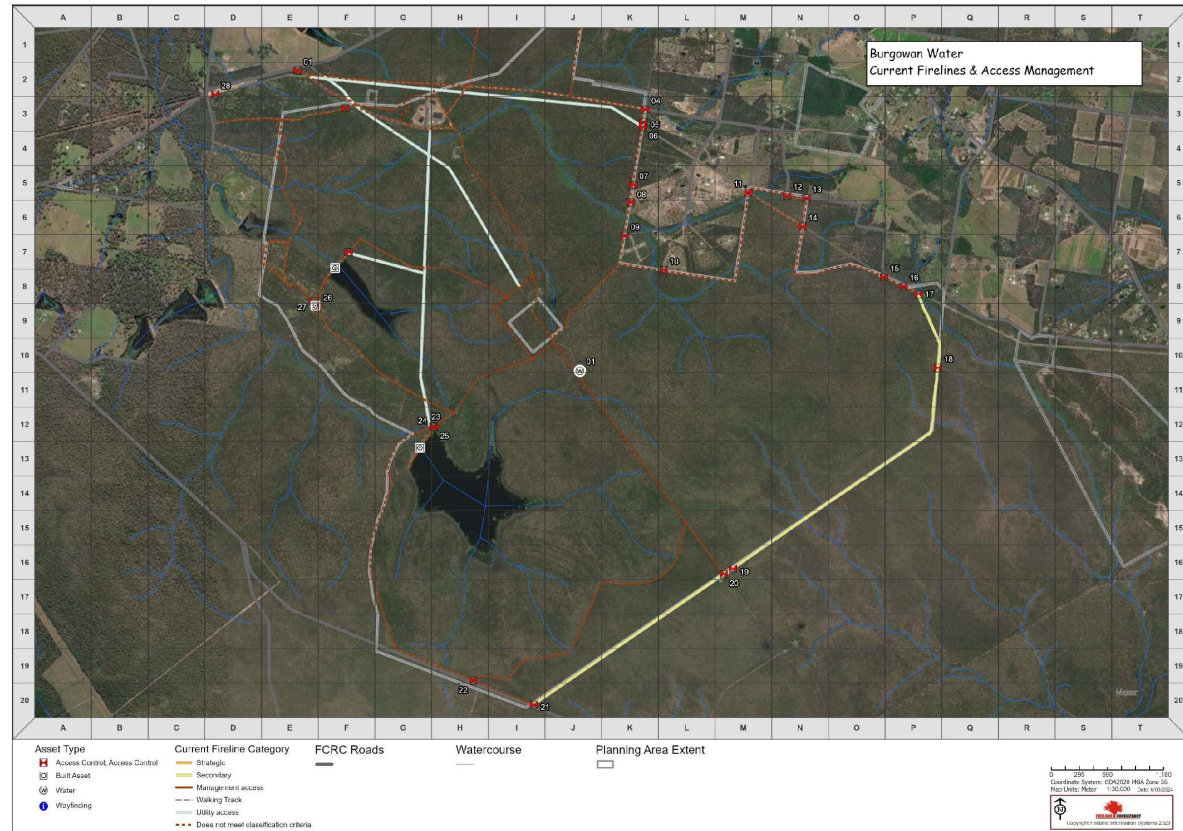
Reference	Location	Recommended works	Priority	Comments
AP_BW_01	Northern end of main WTP access road at Tobanlea – Pialba Rd	Nil	N/A	Existing gate effective.
AP_BW_02	Northern end of FT_BW_03 at Torbanlea-Pialba Rd	Discuss options with DoR. Reinstate plain wire fencing. Install boulders inside fencing either side of gate to prevent access.	Moderate	Sits on DoR Estate. Current steel gate is easily driven around.
AP_BW_03	Northern end of FT_BW_05 at Torbanlea-Pialba Rd	Discuss options with DoR. Reinstate plain wire fencing. Install custom steel gate.	Moderate	Sits on DoR Estate. No existing gate or access control.
AP_BW_04	Eastern end of FT_BW_04	Nil	N/A	Existing locked gate effective.
AP_BW_05	Off FT_BW_06 into private property	Nil	N/A	Locked steel gate into private property to the east (Lot 13/SP132947). Low potential traffic area.
AP_BW_06	Off FT_BW_06 into powerline easement	Nil	N/A	Existing locked gate effective.
AP_BW_07	Off FT_BW_06 into private property	Monitor	Low	Unlocked steel gate into private property to the east (Lot 11/SP132947). Low potential traffic area.
AP_BW_08	Off FT_BW_06 into private property	Nil	N/A	Locked steel gate into private property to the east (Lot 10/SP132947). Low potential traffic area.
AP_BW_09	Off FT_BW_06 into private property	Nil	N/A	Locked steel gate into private property to the east (Lot 8/SP150277). Low potential traffic area.
AP_BW_10	Off FT_BW_07 into private property	Monitor	Low	Unlocked steel gate into private property to the north (Lot 7/SP150277). Low potential traffic area.
AP_BW_11	Western end of FT_BW_09	Install custom steel gate.	Moderate	No access control currently installed on Powerline easement. Discuss with Powerlink options for installation.
AP_BW_12	FT_BW_08 off Mungomery Rd	Reinstate plain wire fencing. Install boulders outside fencing to prevent access.	High	Fence ineffective. Vehicles accessing council estate off Mungomery Rd.
AP_BW_13	FT_BW_08 off Mungomery Rd	Reinstate plain wire fencing. Install boulders outside fencing to prevent access.	High	Fence ineffective. Vehicles accessing council estate off Mungomery Rd.
AP_BW_14	Eastern end of FT_BW_09 on powerline easement.	Reinstate current lock.	Moderate	Lock currently installed but not being used. Discuss with Powerlink about getting the existing lock closed.
AP_BW_15	Off Mungomery Rd, through powerline easement onto FT_BW_10	Install bounders across existing informal track off Mungomery Rd. If ineffective consider installing custom steel gate across FT_BW_10 at this point.	High Moderate	Existing gate not locked, fencing ineffective and easily breached. Long interface with Mungomery Rd makes installing access management challenging. Preventing access to powerline easement may be unachievable.
AP_BW_16	Off Mungomery Rd, through powerline easement onto FT_BW_10	Undertake works at AP_BW_15.	Moderate	
AP_BW_17	Off Mungomery Rd, through powerline easement onto FT_BW_10	Undertake works at AP_BW_15. If ineffective consider installing custom steel gate across FT_BW_10 at this point.	High Moderate	
AP_BW_18	From DoR land onto FT_BW_11 (NE end)	Monitor	Low	Unlocked steel gate into DoR land.
AP_BW_19	From DoR land onto FT_BW_11 (SW end)	Install boulders across informal access from DoR estate.	High	Access control has been attempted in this area in the past and is currently being bypassed.



Reference	Location	Recommended works	Priority	Comments
AP_BW_20	From DoR land onto FT_BW_28.2	Implement effective access control measures on other points in this area before investing in replacement gate.	Moderate	Existing gate has been rammed and is extensively damaged and inoperable. Replacement gate is likely to expensive and regularly challenged. Close this gap last.
AP_BW_21	Off Churchill Mine Rd onto FT_BW_13	Install boulders on either side.	High	Existing gate is being bypassed.
AP_BW_22	Off Churchill Mine Rd at the intersection of FT_BW_13 & FT_BW_14	Install boulders on either side.	High	Existing gate is being bypassed.
AP_BW_23	At eastern end of FT_BW_30. Prevents access further into estate.	Install additional concrete sleeper bollards.	Very High	Heavy duty steel gate with concrete sleeper bollards. Currently being driven around allowing access onto dam wall.
AP_BW_24	At northern end of dam wall	Nil	N/A	Effectiveness compromised by ability to drive around AP_BW_23.
AP_BW_25	Across access to waters edge on reservoir	Nil	N/A	Current custom steel gate and bollards effective.
AP_BW_26	At northern end of FT_BW_17	Nil	N/A	Current custom steel gate effective.
AP_BW_27	On eastern end of FT_BW_18 near abandoned shed	Replace padlock so accessible with standard WBW key.	Very High	Current padlock not opened with standard WBW key.
AP_BW_28	Off Torbanlea-Pialba Rd, connects through to FT_BW_22.1	Discuss options with DoR. Install custom steel gate.	Moderate	Sits on DoR Estate. No existing gate or access control.



Indicative Works Map – Access Management





Treatment specifications:

For detailed specifications for Firelines refer to the FCRC Bushfire Management Trail Classification. Undertake ongoing maintenance as required to meet the standard.

Management Unit:	Treatment:
Reduced Fuel Zone – Pump Stations MU_BW_03 MU_BW_04	Strategic Objective: Reduce the likelihood and potential severity of bushfire impact on critical infrastructure. <ul style="list-style-type: none"> Establish a 3m wide reduced fuel zone, measured from the outer edge of the pump station. Grass must be maintained below 15cm in height through either slashing, brush-cutting or herbicide application. Where existing treatment exceed these standards, continue to maintain to existing footprint.
Reduced Fuel Zone – Buildings MU_BW_01 MU_BW_02 MU_BW_05	Strategic Objective: Reduce the likelihood and potential severity of bushfire impact on critical infrastructure. <ul style="list-style-type: none"> Establish a 10m wide reduced fuel zone, measured from the outer edge of any building. Grass must be maintained below 15cm in height through either slashing or brush-cutting. Avoid planting shrubs within 10m buffer. Remove all trees or branches that overhang the buildings. Where existing treatment exceed these standards, continue to maintain to existing footprint.
Strategic Fireline	Strategic Objective: To provide safe, reliable, and unobstructed passage and operation of Rural Medium Appliances (typically 4WD Light Rigid vehicles). <ul style="list-style-type: none"> Carriageway has a trafficable surface with a minimum width of 4 metres. A minimum vertical clearance of 3.5 metres is provided above the surface of the carriageway. A 5m wide shoulder on either side of the carriageway is free from Surface hazards (logs, stumps and stacks), Elevated fuel and hazardous trees. Near-surface fuels across the carriageway and shoulders to be less than 20cm in height. Treat hazardous trees within one tree length from the outer edge of the shoulder. Create passing bays of at least 5.5m width for a length of at least 15m every 250m along the track. Create turning bays at the termination of trails and every 500m. Where existing carriageway and shoulder widths exceed these standards continue to maintain to existing footprint.
Secondary Fireline	Strategic Objective: To provide safe, reliable, and unobstructed passage and operation of Rural Light Appliances (typically 4WD Utility vehicles). <ul style="list-style-type: none"> Carriageway has a trafficable surface with a minimum width of 3 metres. A minimum vertical clearance of 3 metres is provided above the surface of the carriageway. A 3m wide shoulder on either side of the carriageway is free from Surface hazards (logs, stumps and stacks), Elevated fuel and hazardous trees. Near-surface fuels across the carriageway and shoulders to be less than 20cm in height. Treat hazardous trees within one tree length from the outer edge of the shoulder. Create passing bays of at least 5m width for a length of at least 15m every 250m along the track. Create turning bays at the termination of trails and every 500m. Where existing carriageway and shoulder widths exceed these standards continue to maintain to existing footprint.
Utility Access tracks	To provide access as required to undertake utility inspection and maintenance activities. <ul style="list-style-type: none"> No active track surface or shoulder maintenance by Council proposed except were required if Council owned utilities. Undertake maintenance as required to support fire suppression and planned burning operations.

Practical locations for turning and passing bay locations may differ from *Treatment Specifications* outlined in this plan. Create bays where suitable, appropriate, and least effort while satisfying the intent of the *Treatment Specifications*.





Hervey Bay Rifle Range - Bushfire Management Plan

Property description:	Lot 265 on MCH5244 Lot 195 on MCH4548	Area:	203.27 hectares	BMP Version:	V1.0 – 6 th March 2024
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Introduction

This Fire Management Plan is designed to meet the specific bushfire management needs of the two land parcels managed by Fraser Coast Regional Council. The plan is comprised of three key sections.

1. The supporting information: provides background detail that informs strategic decisions within the strategy.
2. The Fire Management Strategy: identifies the Strategic objectives, the current state of site values and desired outcomes.
3. The Operational Plan: provides a recommended works schedule to achieve the strategic outcomes.

Supporting Information:

Background: Hervey Bay Rifle Range is located 5km South of Nikenbah. The predominately remnant vegetation site covers an area of 203ha within the Fraser Coast Regional Government area, in the Mary River catchment. Within the site is Hervey Bay Archers Club. The site is currently allocated for conservation.	Strategic Objectives: <ol style="list-style-type: none"> 1. Protection of human life and high-value built assets, within and surrounding the site. 2. Reduce the likelihood of bushfires caused on the site impacting the neighbouring assets. 3. Maintain and enhance ecological values and processes. <ul style="list-style-type: none"> • Prioritise existing areas in best ecological condition, thereafter, prioritise areas in poorer condition yet recoverable. • Reduce the likelihood of bushfires negatively impacting remnant vegetation.
Built Asset Values within property: <ul style="list-style-type: none"> • Powerline infrastructure. • Hervey Bay Archers and infrastructure (archery club). • Fences and gates. 	Bushfire related threats to the on-site Built Asset Values: <ol style="list-style-type: none"> 1. Radiant heat and direct flame contact on powerline infrastructure. 2. Ember attack, radiant heat and direct flame contact on Hervey Bay Archers. 3. Direct flame contact on fences. 4. Falling trees due to weakening from fire damage, impacting all listed assets.
Built Asset Values within surrounding landscape: <ul style="list-style-type: none"> • Private properties and residential buildings. • Agricultural cropping (sugarcane fields) and associated infrastructure. • Surrounding roads. 	Bushfire related threats to the off-site Built Asset Values: Potential bushfire related threats are: <ol style="list-style-type: none"> 1. Ember attack and smoke hazard on neighbouring properties and residential buildings. 2. Smoke hazard on surrounding road users and agricultural cropping.

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Natural Values

There are several regional ecosystems (vegetation communities) occurring within the site. The [Regional Ecosystem descriptions](#) contain Fire Management Guidelines for these ecosystems. The SEQ Bioregion [Planned Burn Guidelines](#) (PBG) provides further guidance on managing these communities to optimise their ecological health. The chapters in the PBG are based on Broad Vegetation Groups which are groups of regional ecosystems with similar ecological requirements.

Regional Ecosystem	Area of RE within Site	Relevant chapter in the PBG	Recommended Interval ¹	Recommended coverage	Vegetation Management Act class ²
12.3.5 <i>Melaleuca quinquenervia</i> open forest on coastal alluvium.	11.51 ha	Chapter 7: Melaleuca communities	Mixed grass/shrub 6-20 years.	25-70%	Least concern
12.3.6 <i>Melaleuca quinquenervia</i> +/- <i>Eucalyptus tereticornis</i> , <i>Lophostemon suaveolens</i> , <i>Corymbia intermedia</i> open forest on coastal alluvial plains.	2.88 ha	Chapter 7: Melaleuca communities	Mixed grass/shrub 6-20 years.	25-70%	Least concern
12.3.11 <i>Eucalyptus tereticornis</i> +/- <i>Eucalyptus siderophloia</i> , <i>Corymbia intermedia</i> open forest on alluvial plains usually near coast.	37.55 ha	Chapter 5: Eucalypt open forests to woodlands on floodplains	3-6 years.	40-60%	Of concern
12.5.4 <i>Eucalyptus latissinensis</i> +/- <i>Corymbia intermedia</i> , <i>C. trachyphloia</i> subsp. <i>trachyphloia</i> , <i>Angophora leiocarpa</i> , <i>Eucalyptus exserta</i> woodland on complex of remnant Tertiary surfaces and Cainozoic and Mesozoic sediments.	131.93 ha	Chapter 4: Eucalypt woodlands to open forests	4-10 years.	40-60%	Least concern

The management plan will support the protection and enhancement of natural values, including the vegetation communities and potential habitat for several rare and threatened species.

Species	Common name	EPBC listing ³	NCA listing ⁴
<i>Phascolarctos Cinereus</i>	Koala	Endangered	Endangered
<i>Crinia Tinnula</i>	Wallum Froglet	None	Vulnerable

Bushfire related threats to the Ecological Values:

Potential bushfire related threats are:

1. Inappropriate fire regimes leading to a decline in biodiversity and ecological health of vegetation communities.
2. High intensity bushfire negatively impacting natural values and essential habitat for threatened species.
3. Weed proliferation can occur due to inappropriate use of fire and/or lack of fire and follow-up treatment.

Recorded weeds onsite include:

1. Giant Rat's Tail Grass - *Sporobolus pyramidalis*.

¹ Source: [Fire Management Guidelines](#). Planned burning may occur outside of the recommended intervals and coverages to achieve the Objectives identified in the plan.

² [Vegetation Management Act 1999](#)

³ [Environment Protection and Biodiversity Conservation Act 1999 \(EPBC\) status](#)

⁴ [Nature Conservation Act 1992 \(NCA\) status](#)

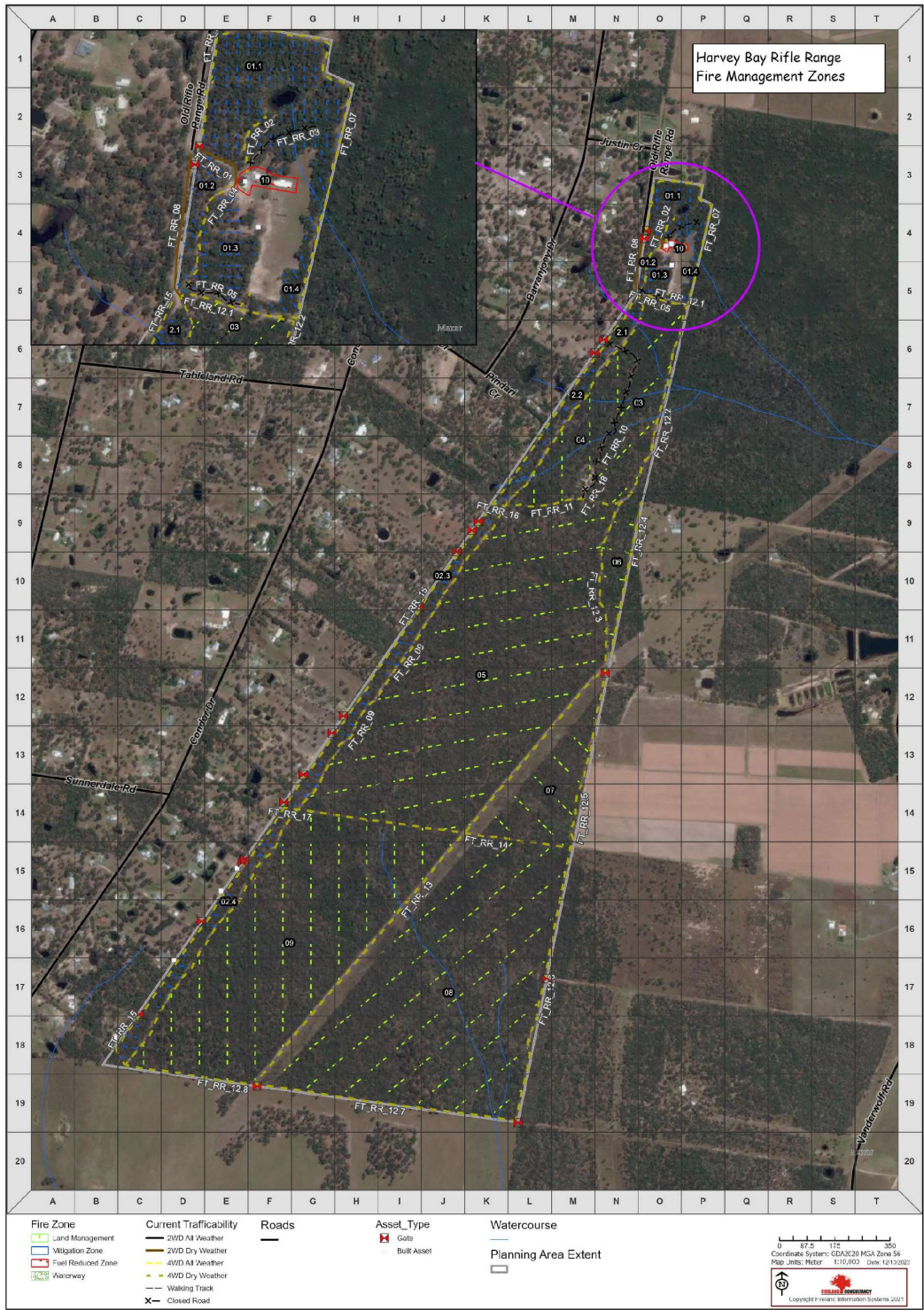


Fire Management Strategy:

Fire Zone:	Management Unit:	Strategic Objective: <i>What are we setting out to achieve?</i>	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like?</i>
Reduced Fuel Zone (RFZ)	MU_RR_10	Reduce the likelihood and potential severity of bushfire impact (direct flame contact, radiant heat, ember attack and smoke impacts) on community infrastructure.	Well maintained fuel reduced areas immediately adjacent to the buildings with mown grass, sparse shrubs (elevated fuels), little to no intermediate canopy and well-spaced canopy trees.
Bushfire Moderation Zone (BMZ)	MU_RR_01 MU_RR_02	<ul style="list-style-type: none"> Reduce the intensity and speed of potential bushfires in areas adjacent to built assets and Reduced Fuel Zones. Maintain ecological values through appropriate fire regimes as per Fire Management Guidelines. 	Open forest/woodland structure with limited shrub cover (elevated fuels) and a continuous grass layer.
Land Management Zone (LMZ)	MU_RR_03 MU_RR_04 (contains open forest and Melaleuca communities).	Maintain and enhance ecological values associated with existing vegetation communities through planned or unplanned fire events. Planned burn at appropriate fire regimes as per Fire Management Guidelines and Planned Burn Guidelines .	Maintenance of open forest structure and improvement of ecological condition with a focus on key indicators of health for woodland/open forest (from PBG): <ul style="list-style-type: none"> A grass, sedge, or shrub-dominated understory (or a mixture). In grassy or mixed open forest, grass clumps and/or sedges are well formed and near continuous.
Land Management Zone (LMZ)	MU_RR_05 MU_RR_06 MU_RR_07 MU_RR_08 MU_RR_09	Maintain and enhance ecological values associated with existing vegetation communities through the implementation of appropriate fire regimes as per Fire Management Guidelines and Planned Burn Guidelines .	Maintenance of open forest structure and improvement of ecological condition with a focus on key indicators of health for woodland/open forest (from PBG): <ul style="list-style-type: none"> A grass, sedge, or shrub-dominated understory (or a mixture). Broad distribution of age classes among canopy species. Shrubs and intermediate canopy trees are scattered and are not having any noticeable shading effects on ground layer plants. Grass clumps and/or sedges are well formed and near continuous. Forest is easy to walk or see through. Generally few weeds present.
Secondary Firelines	All trails	To provide safe, reliable and unobstructed passage and operation of Rural Light Appliances (typically 4WD Utility vehicle) to enable land and bushfire management activities.	Maintain at Secondary Fireline standard (refer to <i>Treatment Specifications</i>).
Management Access tracks	FT_RR_02 FT_RR_03 FT_RR_04 FT_RR_05 FT_RR_06	To provide passage by 4WD vehicles to enable land management activities.	Accessible by 4WD in dry weather as required to conduct land management activities.



Fire Management Strategy Map:





Operational Plan / Works Schedule:

Applicable Management Unit:	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like? From strategy table.</i>	Current assessment of condition: <i>What does this zone look like now?</i>	Operational Treatment Objective: <i>How will we measure success?</i>	Recommended timing / Implementation Trigger:	Additional notes to support Operational implementation:
RFZ MU_RR_10	Well maintained reduced fuel areas immediately adjacent to the buildings with sparse shrubs and mown grass, little to no intermediate canopy and well-spaced canopy trees.	Well maintained open grassy areas.	Reduced fuel area meets or exceeds the width specified in the <i>Treatment Specifications</i> section.	Slashing to occur ≈3 times per year.	
BMZs MU_RR_01 MU_RR_02	Open forest/woodland structure with limited shrub cover (elevated fuels) and a continuous grass layer.	<ul style="list-style-type: none"> Disturbed remanent open forest/woodland in poor to good condition. Overabundant saplings/midstory thickening. Variable grass/shrub cover and composition. Grass layer is sparse and poorly formed under regrowth. 	Implement moderate intensity planned burns to reduce Overall Fuel Hazard to Moderate or less, over 60 - 80% of the management unit.	Implement planned burns at the lower end of the recommended interval to maintain ecological processes while also reducing fuel hazard. <ul style="list-style-type: none"> Timing: <ul style="list-style-type: none"> MU_RR_01 ready from 2026. MU_RR_02 ready now (2023). Season: Early autumn (in dry years) to winter (if recent rain occurs). Interval: Approx. every 4 years. 	<ul style="list-style-type: none"> Season depends on ability to achieve midstory scorching. See <i>Supporting Ecological Notes</i>.
LMZs MU_RR_03 MU_RR_04	Maintenance of open forest structure and improvement of ecological condition with a focus on key indicators of health for woodland/open forest (from PBG).	<ul style="list-style-type: none"> Highly disturbed remanent open forest/woodland and Melaleuca communities in poor to very poor condition. Late-stage overabundant saplings/midstory thickening. Lack of mixed grass/shrub cover and diversity. Grass layer is sparse and poorly formed under regrowth. 	Implement moderate intensity planned burns with 40 - 60% coverage.	<ul style="list-style-type: none"> Given the very poor condition and recoverability of these areas, planned burning efforts should be focused on better quality areas. Utilise opportunities, if and when they occur from unplanned fire events, to work towards desirable ecological outcomes. 	<ul style="list-style-type: none"> If unplanned fire occurs, reassess condition and objectives. See <i>Supporting Ecological Notes</i>.



Applicable Management Unit:	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like? From strategy table.</i>	Current assessment of condition: <i>What does this zone look like now?</i>	Operational Treatment Objective: <i>How will we measure success?</i>	Recommended timing / Implementation Trigger:	Additional notes to support Operational implementation:
LMZs MU_RR_05 through to MU_RR_09	Maintenance of open forest structure and improvement of ecological condition with a focus on key indicators of health for woodland/open forest (from PBG).	<ul style="list-style-type: none"> • Remanent open forest/woodland generally in good condition. • Overabundant saplings/midstory thickening. • Appropriate mixed grass/shrub cover and composition. • Grass layer is being shaded out by regrowth. • Time since fire ≈ 5 - 7 years. 	Implement moderate intensity planned burns with 40 - 60% coverage.	<ul style="list-style-type: none"> • Timing: Ready now (2023). • Season: Autumn (in dry years) to early winter (if recent rain occurs). • Interval: Approx. every 4 - 6 years. 	<ul style="list-style-type: none"> • MU_RR_08 is highest priority for planned burning to maintain good ecological condition. • See <i>Supporting Ecological Notes</i>.
Secondary Firelines - FT_RR_01 through to FT_RR_18	Maintain at Secondary Fireline standard (refer to <i>Treatment Specifications</i>).	<ul style="list-style-type: none"> • Slashed ≈ 3 - 5m wide 4WD dry weather tracks (natural surface). • Encroaching shrub and canopy vegetation in sections. 	Provides safe, reliable, and unobstructed passage and operation of Rural Light Appliances.	Slashing works to occur ≈ 2 times per year.	<ul style="list-style-type: none"> • Erosion issues on FT_RR_12.7 and FT_RR_15 • Boggy area at the intersection of FT_RR_12.3 and FT_RR_12.4.
Closed Firelines - FT_RR_10 FT_RR_18	Unmaintained. Allow to continue too naturally regenerate.	<ul style="list-style-type: none"> • Untrafficable due to very boggy sections and erosion issues. • No value in fire or land management. 	Unmaintained. Allow to continue too naturally regenerate.	Nil works/maintenance proposed.	
Management Access - FT_RR_02 through to FT_RR_06	Accessible by 4WD in dry weather as required to conduct land management activities.	Condition varies from maintained to unmaintained with encroaching vegetation.	Provides passage by 4WD vehicles to enable land management activities.	Maintain as required to support land management activities.	

Supporting Ecological Notes:

Burning **Eucalypt woodlands to open forests** (RE 12.5.4) - If in moderate-good condition with little overabundant saplings/midstory thickening, aim for low intensity fire with high soil moisture to promote native grass response and limit subsequent shrub response. If overabundant saplings/midstory thickening, aim for moderate intensity slow moving fire to kill saplings and scorch the midstory. Consider follow-up burn within 2 - 3 years to achieve sustained thinning of regrowth.

Burning in **Eucalypt open forests to woodlands on floodplains** (RE 12.3.11) - Burning floodplain and surrounding communities to prevent wildfire is a high priority due to its potential to provide habitat for birds and mammals, including for the endangered Koala that may occur on site. Aim for high soil moisture, wet drainage lines and limit scorch height. Intense fires during dry conditions can promote dense shrub and tree recruitment. Shrubs and small trees form ladder fuels that can draw flames into the canopy, damaging eucalypt crowns. This promotes further dense shrub recruitment, which grows into dense thickets during subsequent long fire intervals, perpetuating the cycle.



Indicative Works Schedule – Planned Burns

This document has been developed to provide guidance to FCRC on the works required to mitigate the risk of bushfires starting, spreading uncontrollably, and impacting negatively on human life, property, critical assets and the environment. This schedule provides guidance on activities to be conducted over the next five years. This schedule should be reviewed annually in November.

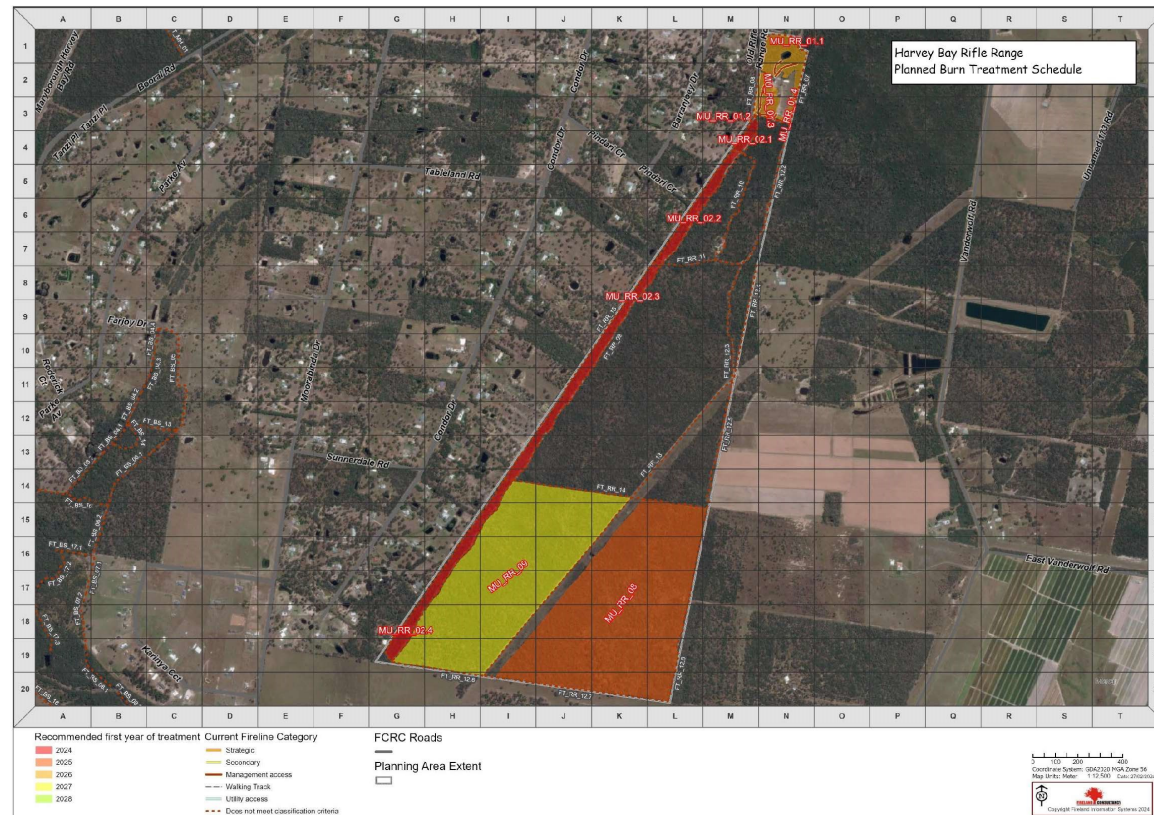
Unit	Regional Ecosystems	Recommended fire interval from DES - Fire Management Guidelines ⁵	Recommended fire interval under this Strategy ⁶	Year last burnt	2024	2025	2026	2027	2028
BMZ MU_RR_01	12.5.4 12.3.5/12.3.6	4 - 10 years. Mixed grass/shrub 6 - 20 years.	4 years	2022			Planned burn		
BMZ MU_RR_02	12.5.4	4 - 10 years	4 years	≈2018	Planned burn				Planned burn
LMZ MU_RR_03	12.5.4 12.3.5/12.3.6	4 - 10 years. Mixed grass/shrub 6 - 20 years.	2 - 3 years	Unknown ≈2018					
LMZ MU_RR_04	12.5.4 12.3.5/12.3.6	4 - 10 years. Mixed grass/shrub 6 - 20 years.	2 - 3 years	Unknown ≈2018					
LMZ MU_RR_05	12.5.4 12.3.11	4 - 10 years. 3 - 6 years.	4 - 6 years	Unknown ≈2018					
LMZ MU_RR_06	12.5.4 12.3.5/12.3.6	4 - 10 years. Mixed grass/shrub 6 - 20 years.	4 - 6 years	Unknown ≈2018					
LMZ MU_RR_07	12.5.4 12.3.11	4 - 10 years. 3 - 6 years.	4 - 6 years	Unknown ≈2018					
LMZ MU_RR_08	12.5.4 12.3.11	4 - 10 years. 3 - 6 years.	4 - 6 years	Unknown ≈2018		Planned burn			
LMZ MU_RR_09	12.5.4 12.3.11	4 - 10 years. 3 - 6 years.	4 - 6 years	Unknown ≈2018				Planned burn	

⁵ Recommended fire interval as identified in the [Fire Management Guidelines](#). These generic ecological guidelines are provided for regional ecosystems that are in good condition. Where burning is being conducted for non-ecological or to achieve multiple objectives then other factors relevant to those objectives should also be considered such as fuel re-accumulation rates.

⁶ Actual planned burn intervals may be more or less frequent than the recommended interval to achieve the Objectives identified in this plan. Timing is dependent on previous fire severity and coverage, vegetation type, climatic and seasonal conditions and actual rate of fuel re-accumulation. It is also important to note that some burns are sequenced with other burns in the landscape to further reduce risk, meaning that planned burning operations can occur in the same area over successive years.



Indicative Works Map – Planned Burns





Indicative Works Schedule – Fire Access Trails

Fire access trail	Current standard	Proposed standard	Initial works recommended						Notes
			Vegetation clearing on shoulders required	Vegetation clearing above carriageway required	Vegetation clearing for pass/turn bays required*	Erosion and run off control works required	Track hardening required	Carriageway and shoulder slashing required	
FT_RR_01	Does not meet classification criteria	Secondary	Yes					Twice a year	Nil fire management related maintenance required. Maintain as needed for Archery Club purposes.
FT_RR_02		Management Access							
FT_RR_03		Management Access							
FT_RR_04		Management Access							
FT_RR_05		Management Access							
FT_RR_06		Management Access							Twice a year
FT_RR_07		Secondary	Yes	Yes	Yes				
FT_RR_08		Secondary	Yes						
FT_RR_09		Secondary	Yes		Yes				
FT_RR_10		Not used for Fireline							
FT_RR_11		Secondary	Yes	Yes				Twice a year	Nil maintenance proposed. Allow to regenerate.
FT_RR_12.1		Secondary	Yes					Twice a year	
FT_RR_12.2		Secondary	Yes		Yes			Twice a year	
FT_RR_12.3		Secondary	Yes		Yes		Yes	Twice a year	
FT_RR_12.4		Secondary	Yes	Yes	Yes			Twice a year	
FT_RR_12.5		Secondary	Yes		Yes			Twice a year	Small section of hardening needed at intersection with FT_RR_12.4.
FT_RR_12.6		Secondary	Yes		Yes			Twice a year	
FT_RR_12.7		Secondary	Yes		Yes	Yes		Twice a year	
FT_RR_12.8		Secondary	Yes		Yes			Twice a year	
FT_RR_13		Secondary	Yes		Yes			Twice a year	
FT_RR_14		Secondary	Yes		Yes			Twice a year	Install cross banks as per NSW RFS Fire Trail Manual. See notes below.
FT_RR_15		Secondary	Yes		Yes	Yes		Twice a year	
FT_RR_16		Secondary	Yes	Yes				Twice a year	
FT_RR_17		Secondary	Yes	Yes				Twice a year	
FT_RR_18		Not used for Fireline							

Supporting implementation notes:

- *Practical locations for turning and passing bay locations may differ from *Treatment Specifications* outlined in this plan. Create bays where suitable, appropriate, and least effort while satisfying the intent of the *Treatment Specifications*.
- Refer to the [NSW Rural Fire Service Fire Trail Design, Construction and Maintenance Manual](#) for guidance on appropriate erosion and runoff control measures to be implemented.
 - FT_RR_15 is incised (ie lies below the surrounding soil surface level). Installation of effective drainage and runoff control measures will likely require the use of additional fill. Where possible materials should be sourced from on site using the materials stockpiled in MU_RR_04.

[illegible]

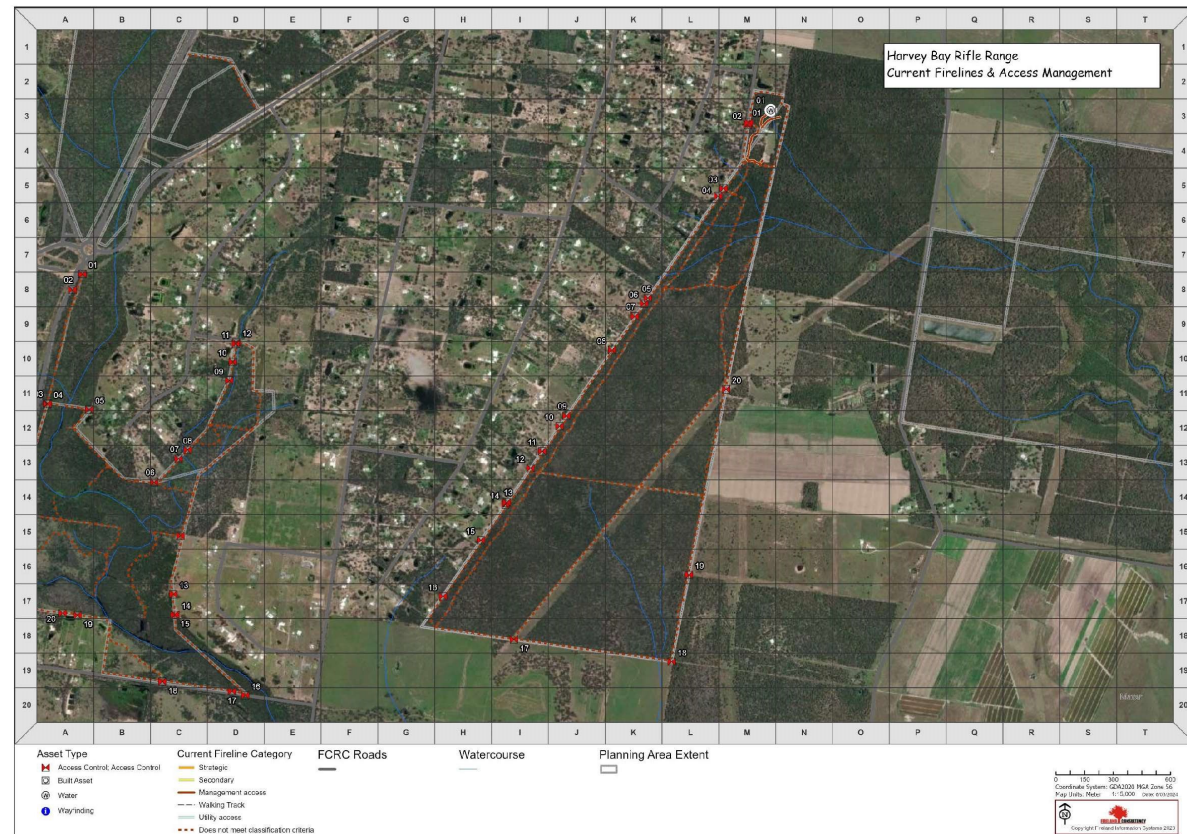


Indicative Works Schedule – Access Management

Reference	Location	Recommended works	Priority	Comments
AP_RR_01	Entry of the Archery Club off Old Rifle Range Road	Nil	N/A	Existing locked gate effective
AP_RR_02	At the northern end of FT_RR_08 off Old Rifle Range Road	Nil	N/A	Existing locked gates effective (two gates side by side)
AP_RR_03	Off the northern end of FT_RR_10 into private property	Nil	N/A	Unlocked gate into private property to the west (Lot 48/RP211488). Low potential traffic area
AP_RR_04	Off FT_RR_15 (northern section) into private property	Nil	N/A	Locked gate into private property to the west (Lot 49/RP211488). Low potential traffic area
AP_RR_05	Off FT_RR_15 (middle section) into private property	Nil	N/A	Unlocked gate into private property to the west (Lot 55/RP147169). Low potential traffic area
AP_RR_06	Off FT_RR_15 (middle section) into private property	Nil	N/A	Unlocked gate into private property to the west (Lot 55/RP147169). Low potential traffic area
AP_RR_07	Off FT_RR_15 (middle section) into private property	Install standard farm gate.	Low	Unlocked wire gate (poor condition) into private property to the west (Lot 2/SP325952). Low potential traffic area
AP_RR_08	Off FT_RR_15 (middle section) into private property	Install standard farm gate.	Low	Unlocked wire gate (poor condition) into private property to the west (Lot 52/RP147169). Low potential traffic area
AP_RR_09	Off FT_RR_15 (middle section) into private property	Nil	N/A	Unlocked gate into private property to the west (Lot 2/SP313300). Low potential traffic area
AP_RR_10	Off FT_RR_15 (middle section) into private property	Nil	N/A	Locked gate into private property to the west (Lot 46/RP147169). Low potential traffic area
AP_RR_11	Off FT_RR_15 (middle section) into private property	Nil	N/A	Locked gate into private property to the west (Lot 45/RP147169). Low potential traffic area
AP_RR_12	Off FT_RR_15 (middle section) into private property	Nil	N/A	Unlocked gate into private property to the west (Lot 44/RP147169). Low potential traffic area
AP_RR_13	Off FT_RR_15 (southern section) into private property	Monitor	Low	Unlocked gate (poor condition) into old unmaintained road reserve to the west (Lot 9/ RP211006).
AP_RR_14	Off FT_RR_15 (southern section) into private property	Nil	N/A	Locked gate into private property to the west (Lot 2/RP865705). Low potential traffic area
AP_RR_15	Off FT_RR_15 (southern section) into private property	Nil	N/A	Locked gate into private property to the west (Lot 2/SP153252). Low potential traffic area
AP_RR_16	Off FT_RR_15 (southern section) into private property	Nil	N/A	Locked gate into private property to the west (Lot 2/SP129063). Low potential traffic area
AP_RR_17	Southern end of FT_RR_13 continuing along powerline easement.	Nil	N/A	Locked gate into powerline easement to the south (Lot 6/M37254). Low potential traffic area
AP_RR_18	Southern end of FT_RR_12.6 into private property	Install standard farm gate.	Low	Unlocked wire gate (poor condition) into private property to the east (Lot 2/RP217157). Low potential traffic area
AP_RR_19	Off FT_RR_12.6 into private property	Nil	N/A	Locked gate into private property to the east (Lot 2/RP217157). Low potential traffic area
AP_RR_20	Northern end of FT_RR_13 continuing along powerline easement.	Nil	N/A	Unlocked gate into powerline easement to the east (Lot 3/RP807790). Low potential traffic area



Indicative Works Map – Access Management





Treatment specifications:

For detailed specifications for Firelines refer to the FCRC Bushfire Management Trail Classification. Undertake ongoing maintenance as required to meet the standard.

Management Unit:	Treatment:
Reduced Fuel Zone	Strategic Objective: Reduce the likelihood and potential severity of bushfire impact on community infrastructure. <ul style="list-style-type: none"> • Maintain a minimum 10m wide reduced fuel zone, including roads, around each building. • Zone is measured from the outer edge of any building. • Grass must be maintained below 15cm in height through either slashing or brush-cutting. • Avoid planting shrubs within 10m buffer around any building. • Remove all trees or branches that overhang the buildings. • Where existing treatment exceed these standards, continue to maintain to existing footprint.
Strategic Fireline	Strategic Objective: To provide safe, reliable, and unobstructed passage and operation of Rural Medium Appliances (typically 4WD Light Rigid vehicles). <ul style="list-style-type: none"> • Carriageway has a trafficable surface with a minimum width of 4 metres. • A minimum vertical clearance of 3.5 metres is provided above the surface of the carriageway. • A 5m wide shoulder on either side of the carriageway is free from Surface hazards (logs, stumps and stacks), Elevated fuel and hazardous trees. • Near-surface fuels across the carriageway and shoulders to be less than 20cm in height. • Treat hazardous trees within one tree length from the outer edge of the shoulder. • Create passing bays of at least 5.5m width for a length of at least 15m every 250m along the track. • Create turning bays at the termination of trails and every 500m. • Where existing carriageway and shoulder widths exceed these standards continue to maintain to existing footprint.
Secondary Fireline	Strategic Objective: To provide safe, reliable, and unobstructed passage and operation of Rural Light Appliances (typically 4WD Utility vehicles). <ul style="list-style-type: none"> • Carriageway has a trafficable surface with a minimum width of 3 metres. • A minimum vertical clearance of 3 metres is provided above the surface of the carriageway. • A 3m wide shoulder on either side of the carriageway is free from Surface hazards (logs, stumps and stacks), Elevated fuel and hazardous trees. • Near-surface fuels across the carriageway and shoulders to be less than 20cm in height. • Treat hazardous trees within one tree length from the outer edge of the shoulder. • Create passing bays of at least 5m width for a length of at least 15m every 250m along the track. • Create turning bays at the termination of trails and every 500m. • Where existing carriageway and shoulder widths exceed these standards continue to maintain to existing footprint.

Practical locations for turning and passing bay locations may differ from *Treatment Specifications* outlined in this plan. Create bays where suitable, appropriate, and least effort while satisfying the intent of the *Treatment Specifications*.

If vegetation management (i.e. slashing) is undertaken by machinery imported to the site, weed seed hygiene should be maintained by ensuring that machinery is washed down before and after treatment of each site to reduce the spread of weeds.





Orchid Beach Reserves - Bushfire Management Plan

Property description:	Lot 203 on FS75 Lot 68 on RP225647 Lot 67 on RP225643	Lot 66 on RP225643 Lot 199/RP212939	Area:	11 Hectares	BMP Version:	V1.0 – 6 th March 2024
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Introduction

This Bushfire Management Plan is designed to meet the specific bushfire management needs of the five reserves located within the Orchid Beach Township that are managed by Fraser Coast Regional Council. The plan is comprised of three key sections.

1. The supporting information: provides background detail that informs strategic decisions within the strategy.
2. The Fire Management Strategy: identifies the Strategic objectives, the current state of site values and desired outcomes.
3. The Operational Plan: provides a recommended works schedule to achieve the strategic outcomes.

Both the strategy and the operational plan, with their respective maps, are tailored for double-sided printing on a single A3 laminated sheet, providing a handy reference tool.

Recommendations:

1. Council to undertake an audit of all the parcels at Orchid Beach to understand their ownership, tenure, trust arrangements, managing agency and management responsibilities.
2. Council to develop a statement of intent, for the land parcels under trust arrangements, to outline the purpose of the trust and any trustee responsibilities and requirements.
3. Council is strongly encouraged to ensure that all future development in the area is in accordance with best practice for building in bushfire prone areas and should be guided by the Building Code of Australia, [AS3959–2018: Construction of Buildings in Bushfire Prone Areas](#) and [Bushfire Resilient Communities](#).
4. Council to encourage QFES to lead the development of a tenure blind Orchid Beach Township Bushfire Management Plan as there are operational limitations to effectively managing risk solely on council owned and managed estate.

Supporting Information:

<p>Background:</p> <p>The Orchid Beach township contains five reserves totalling 11ha that are managed by Fraser Coast Regional Council. The Council is also responsible for management of a number of roads within the township.</p> <p>Orchid Beach is located on the northeastern coast of K'gari (formally Fraser Island). The sand island is listed as a World Heritage Area and is characterised by diverse landscapes, ecosystems and cultural values. The Great Sandy National Park spans across the island, which is predominantly managed by Queensland Parks and Wildlife Service (QPWS), with relatively recent engagement of Butchulla Aboriginal Corporation (BAC) who contribute to joint management through the Butchulla Land and Sea Rangers program (BLSR).</p> <p>Tenure issues, access, topography and the sandy substrate contribute to the complexity of the site. Immediately surrounding the Council managed parcels is the Orchid Beach residential community. Historical development resulting in residential dwellings abutting native vegetation will require ongoing bushfire risk mitigation activities including vegetation maintenance and planned burning.</p>	<p>Strategic Objectives:</p> <ol style="list-style-type: none"> 1. Protection of human life and high-value built assets, within and surrounding the site. 2. Reduce the likelihood of bushfires caused on the site impacting the neighbouring assets. 3. Maintain and enhance ecological values and processes.
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Built Asset Values within property: <ul style="list-style-type: none"> Fixed bollards. 	Bushfire related threats to the on-site Built Asset Values: <ul style="list-style-type: none"> Nil.
Built Asset Values within surrounding landscape: <ul style="list-style-type: none"> Private properties and residential buildings. Orchid Beach township commercial buildings (general store, pub, etc.). Airstrip. Wongari fences. Surrounding tracks. 	Bushfire related threats to the off-site Built Asset Values: Potential bushfire related threats are: <ol style="list-style-type: none"> Ember attack, direct flame contact and radiant heat on neighbouring residential properties and associated buildings. Smoke impact on neighbouring properties, residential and commercial buildings, surrounding track users and airstrip users. Falling trees, due to weakening from fire damage, impacting residential buildings, Wongari fences and surrounding roads.

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Natural Values

There are several regional ecosystems (vegetation communities) occurring within the site. The [Regional Ecosystem descriptions](#) contain Fire Management Guidelines for these ecosystems. The SEQ Bioregion [Planned Burn Guidelines](#) (PBG) provides further guidance on managing these communities to optimise their ecological health. The chapters in the PBG are based on Broad Vegetation Groups which are groups of regional ecosystems with similar ecological requirements.

Regional ecosystem	Area of RE within Site	Relevant chapter in the PBG	Recommended Interval ¹	Recommended coverage	Vegetation Management Act class ²
12.2.6 <i>Eucalyptus racemosa</i> subsp. <i>racemosa</i> open forest on dunes and sand plains. Usually deeply leached soils	4.5 ha	Chapter 5: Eucalypt open forests to woodlands on floodplains	2 - 6 years	Mosaic	Least concern
12.2.9 <i>Banksia aemula</i> low open woodland on dunes and sand plains. Usually deeply leached soils	2.5 ha	Chapter 9: Coastal communities and heaths	8 - 15 years	40 - 60%	Least concern

The management plan will support the protection and enhancement of natural values, including the vegetation communities and potential habitat for several rare and threatened species.

Species	Common name	EPBC listing ³	NCA listing ⁴
<i>Phaius australis</i>	Lesser Swamp-orchid	Endangered	Endangered
<i>Turnix melanogaster</i>	Black-breasted Button-quail	Vulnerable	Vulnerable
<i>Crinia tinnula</i>	Wallum Froglet	None	Vulnerable

Bushfire related threats to the Ecological Values:

Potential bushfire related threats are:

1. Inappropriate fire regimes leading to a decline in biodiversity and ecological health of vegetation communities.
2. High intensity bushfire negatively impacting natural values and essential habitat for threatened species.
3. Weed proliferation can occur due to inappropriate use of fire and/or lack of fire and follow-up treatment.

¹ Source: [Fire Management Guidelines](#). Planned burning may occur outside of the recommended intervals and coverages to achieve the Objectives identified in the plan.

² [Vegetation Management Act 1999](#)

³ [Environment Protection and Biodiversity Conservation Act 1999 \(EPBC\) status](#)

⁴ [Nature Conservation Act 1992 \(NCA\) status](#)

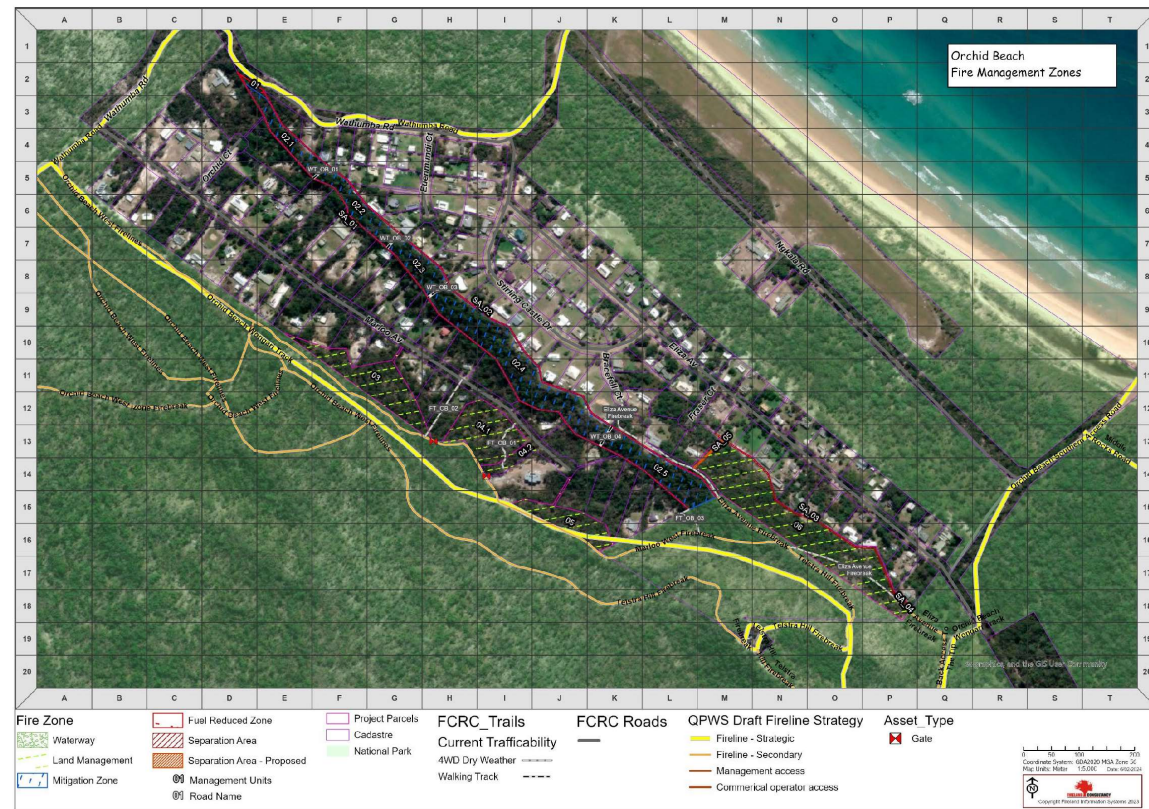


Fire Management Strategy:

Fire Zone:	Management Unit:	Strategic Objective: <i>What are we setting out to achieve?</i>	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like?</i>
Strategic Firelines	Wathumba Rd Marloo Ave Orchid Beach Southern Access Rd	To provide safe, reliable, and unobstructed passage and operation of Rural Medium Appliances (typically 4WD Light Rigid vehicles) and provide a maintained area to support planned burning on adjoining tenures.	Maintain to Strategic Fireline standard as a minimum (refer to <i>Treatment Specifications</i>).
Reduced Fuel Zone (RFZ)	MU_OB_01	To reduce the likelihood of unplanned fires entering MU_BO_02 (Lot 203 F75) from the north across Wathumba Rd.	Well maintained reduced fuel area with mown grass, no shrubs, no intermediate canopy and well-spaced canopy trees.
Separation Areas	SA_OB_01 through to SA_OB_05	To provide foot access and limited physical separation between remnant vegetation and private property to support planned burning operations.	Regularly maintained area abutting private properties with mown grass, no shrubs, no intermediate canopy and well-spaced canopy trees.
Bushfire Moderation Zone (BMZ)	MU_OB_02	<ul style="list-style-type: none"> Reduce the intensity and speed of potential bushfires in areas adjacent to residential properties. Maintain ecological values through appropriate fire regimes as per Fire Management Guidelines. 	Promote an open vegetation structure with reduced Bracken/grass height (near-surface fuels) and shrub density (elevated fuels).
Land Management Zone (LMZ)	MU_OB_03 through to MU_OB_06	Maintain and enhance ecological values associated with existing vegetation communities through the implementation of appropriate fire regimes as per Fire Management Guidelines and Planned Burn Guidelines.	Maintenance of open forest structure and improvement of ecological condition with a focus on key indicators of health for: <ul style="list-style-type: none"> Eucalypt open forests (on floodplains) (from PBG): <ul style="list-style-type: none"> Large old trees. A canopy with good vigour and foliage cover. A ground layer dominated by grasses, sedges, or leaf litter. Coastal communities and heaths (from PBG): <ul style="list-style-type: none"> A diversity of vigorous shrub species such as Banksias, Pea flowers, Tea-trees and other obligate-seed regenerators. Grass Trees and herbs in the ground layer. Canopy dominated by Banksias.
Secondary Firelines	Marloo West Firebreak Eliza Avenue Firebreak FT_OB_01 FT_OB_02 FT_OB_03	To provide safe, reliable and unobstructed passage and operation of Rural Light Appliances (typically 4WD Utility vehicle) to enable land and bushfire management activities.	Maintain at Secondary Fireline standard (refer to <i>Treatment Specifications</i>).
Walking Tracks	WT_OB_01 through to WT_OB_04	To break MU_OB_02 into smaller more manageable sub-units to support planned burning.	Maintain at Walking Track standard (refer to <i>Treatment Specifications</i>).



Fire Management Strategy Map:





Operational Plan / Works Schedule:

Refer to the *Supporting Context and Implementation Notes* section for further information.

Applicable Management Unit:	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like? From strategy table.</i>	Current assessment of condition: <i>What does this zone look like now?</i>	Operational Treatment Objective: <i>How will we measure success?</i>	Recommended timing / Implementation Trigger:
Strategic Firelines - Wathumba Rd Marloo Ave Orchid Beach Southern Access Rd	Maintain to Strategic Fireline standard as a minimum (refer to <i>Treatment Specifications</i>).	<ul style="list-style-type: none"> Varies from 4m wide incised tracks to 12m wide maintained tracks. Unmaintained shoulders composed of Bracken, Blady Grass and shrubs. Cuttings/high banks along sections of Wathumba Rd and Orchid Beach Southern Access Rd providing limited shoulder space. Track surfaces are sandy, with some improved with timber corduroy. 	Provides safe, reliable, and unobstructed passage and operation of Rural Medium Appliances and provide a maintained area to support planned burning on adjoining tenures.	Wathumba Rd and Orchid Beach Southern Access Rd Fireline upgrades are highest priority and should be implemented as soon as practicable.
RFZ MU_OB_01	Well maintained reduced fuel area with mown grass, no shrubs, no intermediate canopy and well-spaced canopy trees.	<ul style="list-style-type: none"> Continuous remnant vegetation (Elevated and Near-surface hazard of Very High). Near surface fuel layer is dominated by Bracken Fern and Blady Grass, mostly composed of dead material. Elevated fuel layer is excessively dense, mostly composed of Banksias, Acacias, She-oaks and juvenile Eucalypts. 25-35° slope. 	Fuel reduced area meets the standard specified in the <i>Treatment Specifications</i> section.	Establish this RFZ in conjunction with Wathumba Rd upgrade to support planned burning in MU_OB_02.1.
Separation Areas - SA_OB_01 SA_OB_02 SA_OB_03 SA_OB_04 SA_OB_05	Regularly maintained area abutting private properties with mown grass, no shrubs, no intermediate canopy and well-spaced canopy trees.	<ul style="list-style-type: none"> Typically 2m wide, narrows to 0m at several points. 2m vertical clearance. 25° side slope on sandy substrate. 	Separation Area meets or exceeds the width specified in the <i>Treatment Specifications</i> section.	<ul style="list-style-type: none"> Upgrade SA_OB_01 & 02 in 2024 to support planned burning in MU_OB_02.1 & 02.4. Establish SA_OB_05 in 2024. Continue annual maintenance regime as a minimum.



Applicable Management Unit:	Desired condition to be achieved through the life of this Strategic Plan: <i>What do we want this zone to look like? From strategy table.</i>	Current assessment of condition: <i>What does this zone look like now?</i>	Operational Treatment Objective: <i>How will we measure success?</i>	Recommended timing / Implementation Trigger:
BMZ MU_OB_02	Promote an open vegetation structure with reduced Bracken/grass height (Near-surface fuels) and shrub density (Elevated fuels).	<ul style="list-style-type: none"> • Very High Overall Fuel Hazard on a 25-35° slope facing SW. • Near surface fuel layer is dominated by Bracken Fern and Blady Grass, mostly composed of dead material. • Elevated fuel layer is excessively dense, mostly composed of Banksias, Acacias, She-oaks and juvenile Eucalypts. • Predominantly Scribbly Gum open forest on dunes with some Banksia open woodland, in moderate - good condition. • Limited containment using Separation Areas. 	Implement moderate intensity planned burns to reduce Overall Fuel Hazard to Moderate or less, over 60 - 80% of the management unit.	<p>Burn when Overall Fuel Hazard exceeds Moderate or every four years, whichever comes first.</p> <ul style="list-style-type: none"> • Timing: Ready now (2024). • Season: Late summer to winter. • Interval: Approx. every 2 - 4 years.
Walking Tracks - WT_OB_01 through to WT_OB_04	Maintain at Walking Trail standard (refer to <i>Treatment Specifications</i>).	<ul style="list-style-type: none"> • Condition varies from maintained to unmaintained. • Existing trails are ≈2m wide. • Steep sandy surface. 	Provides effective breaks that allow planned burning in MU_OB_02 to be undertaken in sub-units.	Implement Walking Track works in 2024 to support planned burning in MU_OB_02.1 & 02.4.
Secondary Firelines - Marloo West Firebreak Eliza Avenue Firebreak FT_OB_01 FT_OB_02 FT_OB_03	Maintain at Secondary Fireline standard (refer to <i>Treatment Specifications</i>).	<ul style="list-style-type: none"> • Firebreaks are maintained ≈4m wide 4WD dry weather trails. • Firetrails are unmaintained ≈2m wide 4WD dry weather trails. • ≈2m vertical clearance. • Encroaching vegetation. 	Provides safe, reliable, and unobstructed passage and operation of Rural Light Appliances.	<ul style="list-style-type: none"> • Implement Marloo West Firebreak works as soon as practicable. • Implement Eliza Avenue Firebreak works in 2025 to support planned burning in MU_OB_06. • Implement FT_OB_03 works in 2026 to support planned burning in MU_OB_02.5. • Upgrade FT_OB_01 & 02 in 2026 to support planned burning in MU_OB_04.
LMZ's MU_OB_03 MU_OB_04 MU_OB_05 MU_OB_06	Maintenance of open forest structure and improvement of ecological condition with a focus on key indicators of health for Eucalypt open forests (on floodplains) and Coastal communities and heaths (from PBG).	<ul style="list-style-type: none"> • A mix of Banksia open woodland and Scribbly Gum open forest on sand in moderate - good condition. • Near surface fuel layer is composed of grass, Bracken Fern and Blady Grass - mostly dead material. • Grass layer is sparse and collapsing due to lack of regular fire, replaced by leaf litter. • Elevated fuel layer is appropriately sparse, mostly composed of Banksias, Acacias, She-oaks and juvenile Eucalypts. • Units broadly contain a mix (ecotone) of 12.2.6 and 12.2.9. 	Implement low intensity planned burns with 40 - 60% coverage.	<ul style="list-style-type: none"> • Timing: Ready now (2024). • Season: Late summer to winter. • Interval: Approx. every 2 - 15 years.



Indicative Works Schedule – Planned Burns

This document has been developed to provide guidance to Fraser Coast Regional Council on the works required to mitigate the risk of bushfires starting, spreading uncontrollably, and impacting negatively on human life, property, critical assets and the environment. This schedule provides guidance on activities to be conducted over the next five years. This schedule should be reviewed annually in November.

Unit	Size of Unit (ha)	Regional Ecosystems	Recommended fire interval from DES - Fire Management Guidelines ⁵	Recommended fire interval under this Strategy ⁶	Year last burnt	2024	2025	2026	2027	2028
BMZ MU_OB_02.1	0.5	12.2.6 (90%) 12.2.9 (10%)	2-6 years. 8-15 years.	2 - 4 years	Unknown, pre - 2017	Planned burn		Planned burn		Planned burn
BMZ MU_OB_02.2	0.6	12.2.6 (90%) 12.2.9 (10%)	2-6 years. 8-15 years.	2 - 4 years	Unknown, pre - 2017		Planned burn		Planned burn	
BMZ MU_OB_02.3	0.5	12.2.6 (90%) 12.2.9 (10%)	2-6 years. 8-15 years.	2 - 4 years	Unknown, pre - 2017		Planned burn		Planned burn	
BMZ MU_OB_02.4	2.1	12.2.6 (90%) 12.2.9 (10%)	2-6 years. 8-15 years.	2 - 4 years	Unknown, pre - 2017	Planned burn		Planned burn		Planned burn
BMZ MU_OB_02.5	1.6*	12.2.6 (90%) 12.2.9 (10%)	2-6 years. 8-15 years.	2 - 4 years	Unknown, pre - 2017			Planned burn		
LMZ MU_OB_03	1.0	12.2.9**	8-15 years.	2 - 15 years	Unknown					
LMZ MU_OB_04	1.0	12.2.6**	2-6 years.	2 - 15 years	Unknown				Planned burn	
LMZ MU_OB_05	1.1	12.2.9**	8-15 years.	2 - 15 years	Unknown					
LMZ MU_OB_06	3.5	12.2.9**	8-15 years.	2 - 15 years	Unknown					

* Includes QPWS managed area.

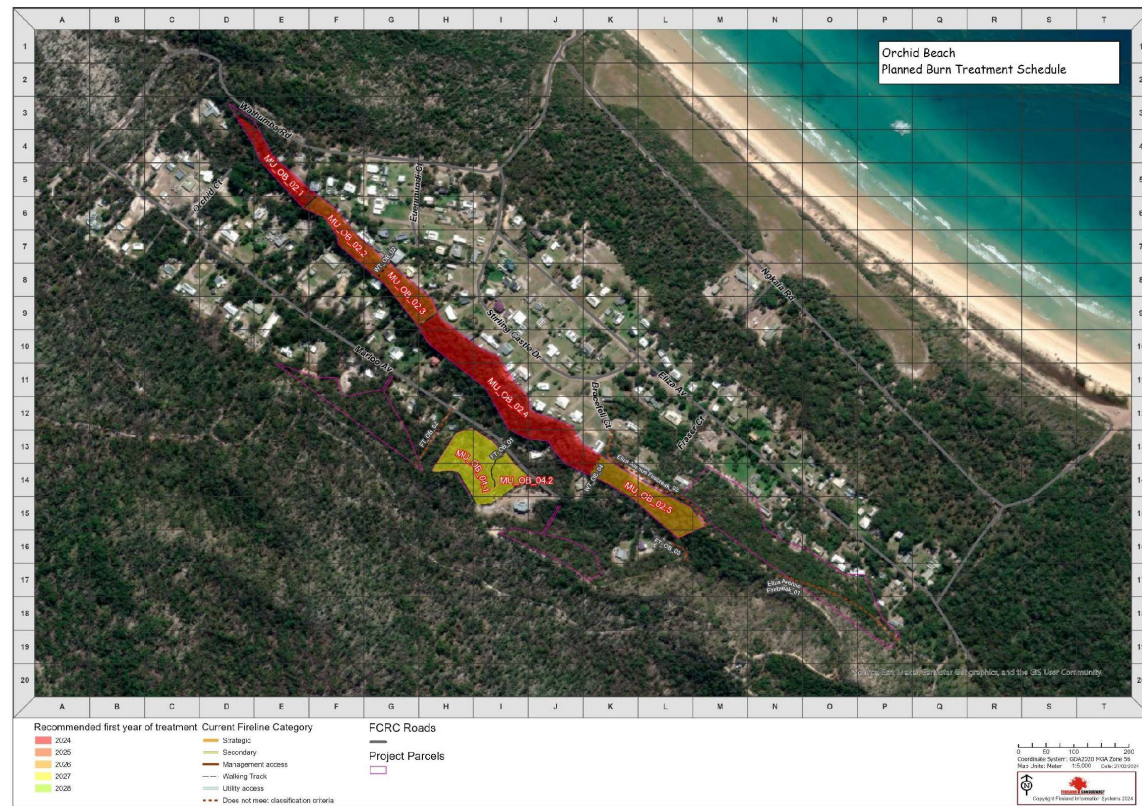
** Regional Ecosystem mapping does not align with that observed on the ground, therefore, intervals in this plan differ from those recommended in Fire Management Guidelines ⁵.

⁵ Recommended fire interval as identified in the [Fire Management Guidelines](#). These generic ecological guidelines are provided for regional ecosystems that are in good condition. Where burning is being conducted for non-ecological or to achieve multiple objectives then other factors relevant to those objectives should also be considered such as fuel re-accumulation rates.

⁶ Actual planned burn intervals may be more or less frequent than the recommended interval to achieve the Objectives identified in this plan. Timing is dependent on previous fire severity and coverage, vegetation type, climatic and seasonal conditions and actual rate of fuel re-accumulation. It is also important to note that some burns are sequenced with other burns in the landscape to further reduce risk, meaning that planned burning operations can occur in the same area over successive years.



Indicative Works Map – Planned Burns





Indicative Works Schedule – Fire Access Trails

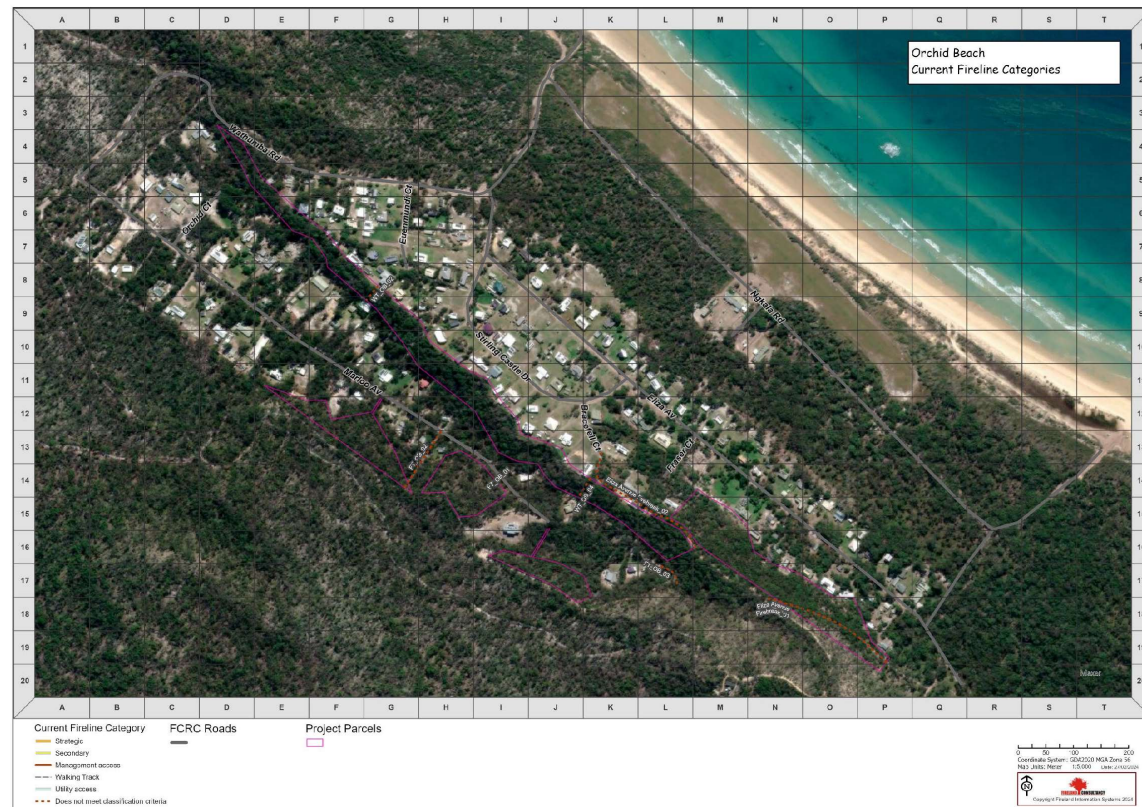
Fire access trail	Current standard	Proposed standard	Initial works recommended						Notes
			Vegetation clearing on shoulders required	Vegetation clearing above carriageway required	Vegetation clearing for pass/turn bays required*	Erosion and run off control works required	Track hardening required	Carriageway and shoulder slashing required	
Wathumba Rd Marloo Ave Orchid Beach Southern Access Rd	Secondary	Strategic	Yes	Yes	Yes			Twice a year	Support improvements in collaboration with QPWS and BAC.
WT_OB_01	N/A	Walking Track	Yes	Yes		Yes		Twice a year	Existing footprint, currently unmaintained.
WT_OB_02	Does not meet classification criteria	Walking Track	Yes	Yes		Yes		Twice a year	Existing walking track/township access footprint.
WT_OB_03	N/A	Walking Track	Yes	Yes		Yes		Twice a year	Existing footprint, currently unmaintained.
WT_OB_04	Does not meet classification criteria	Walking Track	Yes	Yes		Yes		Twice a year	Currently maintained.
FT_OB_01	Does not meet classification criteria	Secondary	Yes	Yes				Twice a year	
FT_OB_02	Does not meet classification criteria	Secondary	Yes	Yes				Twice a year	Mostly sits on private property. Actively support landowner in the maintenance of this trail down to Marloo Avenue.
FT_OB_03	Does not meet classification criteria	Secondary	Yes	Yes				Twice a year	Sits on QPWS estate. Acquire approval by QPWS to upgrade this trail and actively support them in ongoing maintenance.
Marloo West Firebreak	Does not meet classification criteria	Secondary	Yes	Yes				Twice a year	Undertake additional works on the northern shoulder of this track where it falls on Council estate.
Eliza Avenue Firebreak	Does not meet classification criteria	Secondary							Sits on QPWS estate. Ensure it meets Secondary Fireline standard prior to planned burning of MU_OB_02.5 or MU_OB_06.

Supporting implementation notes:

1. Slashing works to occur prior to fire season (winter) and prior to planned burning, ongoing maintenance to occur as required to maintain to the treatment specifications.
2. *Practical locations for turning and passing bay locations may differ from *Treatment Specifications* outlined in this plan. Create bays where suitable, appropriate, and least effort while satisfying the intent of the *Treatment Specifications*.

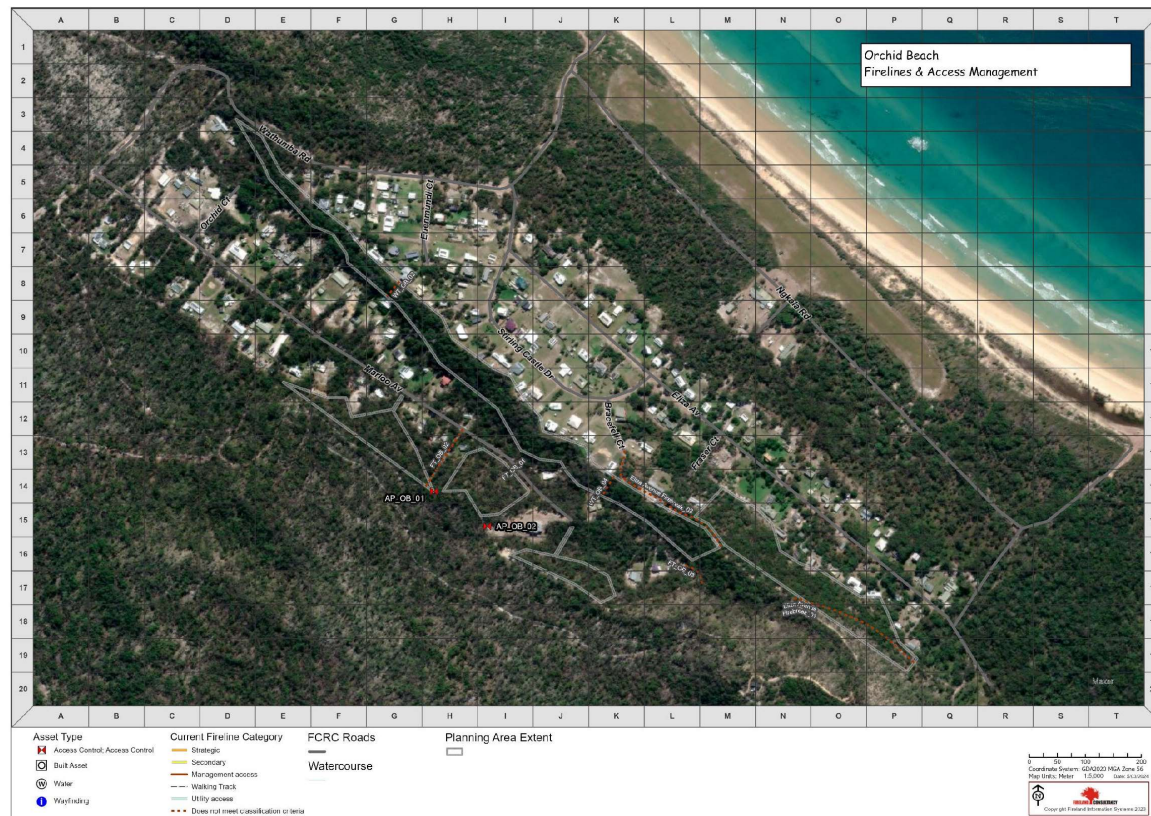


Indicative Works Map – Fire Access Trails





Indicative Works Map – Access Management





Treatment specifications:

For detailed specifications for Firelines refer to the FCRC Bushfire Management Trail Classification. Undertake ongoing maintenance as required to meet the standard.

Management Unit:	Treatment:
Reduced Fuel Zone	<p>Strategic Objective: To reduce the likelihood of unplanned fires entering MU_BO_02 (Lot 203 F75) from the north across Wathumba Rd.</p> <ul style="list-style-type: none"> Establish and maintain a 20m wide reduced fuel zone, measured from the southern edge of the Wathumba Road easement. Remove all Surface hazards (logs, stumps, fallen branches and stacks). All stumps should be ground flush with the soil surface. Near-surface fuels (grass and Bracken) must be maintained below 20cm in height. Elevated fuels (shrubs) must be reduced to less than 20% cover across the zone. Retained individual and clumps of Elevated fuels (shrubs) must not exceed 5m² in area, must be separated by at least 5 metres and must not be located under canopy trees. Elevated fuels and surface woody debris greater than 5cm in diameter should be mulched or removed. Intermediate canopy trees must be thinned/removed so there is a minimum of 3m between stems. Canopy trees can be retained if they meet all the following conditions: <ul style="list-style-type: none"> Greater than 150mm DBH (Diameter Breast Height). Sufficient separation distance can be maintained between trees to inhibit bushfire effects. Prune or remove lower branches on trees to a minimum height of 2.5m Dead or structurally compromised trees should be removed where they don't have other values (ie habitat or cultural).
Separation Areas	<p>Strategic Objective: To provide foot access and limited physical separation between remnant vegetation and private property to support planned burning operations.</p> <ul style="list-style-type: none"> Maintain a minimum 2.5m wide regularly maintained area along private property boundaries. Zone is measured from the outer edge of private property boundaries. Remove all Surface hazards (logs, stumps, fallen branches and stacks). Near-surface fuels (grass and Bracken) must be maintained below 15cm in height. Elevated fuels (shrubs) to be removed. Ensure canopy trees are well-spaced, such that bushfire effects are inhibited. Prune or remove lower branches on trees to a minimum height of 2.5m Where existing treatment exceed these standards, continue to maintain to existing footprint.
Strategic Firelines	<p>Strategic Objective: To provide safe, reliable, and unobstructed passage and operation of Rural Medium Appliances (typically 4WD Light Rigid vehicles).</p> <ul style="list-style-type: none"> Carriageway has a trafficable surface with a minimum width of 4 metres. A minimum vertical clearance of 3.5 metres is provided above the surface of the carriageway. A 5m wide shoulder on either side of the carriageway is free from Surface hazards (logs, stumps and stacks), Elevated fuel and hazardous trees. Near-surface fuels across the carriageway and shoulders to be less than 20cm in height. Treat hazardous trees within one tree length from the outer edge of the shoulder. Create passing bays of at least 5.5m width for a length of at least 15m every 250m along the track. Create turning bays at the termination of trails and every 500m. Where existing carriageway and shoulder widths exceed these standards continue to maintain to existing footprint.



Management Unit:	Treatment:
Secondary Firelines	<p>Strategic Objective: To provide safe, reliable, and unobstructed passage and operation of Rural Light Appliances (typically 4WD Utility vehicles).</p> <ul style="list-style-type: none"> • Carriageway has a trafficable surface with a minimum width of 3 metres. • A minimum vertical clearance of 3 metres is provided above the surface of the carriageway. • A 3m wide shoulder on either side of the carriageway is free from Surface hazards (logs, stumps and stacks), Elevated fuel and hazardous trees. • Near-surface fuels across the carriageway and shoulders to be less than 20cm in height. • Treat hazardous trees within one tree length from the outer edge of the shoulder. • Create passing bays of at least 5m width for a length of at least 15m every 250m along the track. • Create turning bays at the termination of trails and every 500m. • Where existing carriageway and shoulder widths exceed these standards continue to maintain to existing footprint.
Walking Track	<p>Strategic Objective: To break MU_OB_02 into smaller more manageable sub-units to support planned burning.</p> <ul style="list-style-type: none"> • Trafficable surface with a minimum width of 3 meters. • A minimum vertical clearance of 3 metres is provided above the trafficable surface. • A 3m wide shoulder on either side of the trafficable surface is free from Surface hazards (logs, stumps and stacks), Elevated fuel (shrubs) and hazardous trees. • Near-surface fuels (grass and Bracken) across the trafficable surface and shoulders to be sparse and regularly maintained (less than 15cm in height). • Prune or remove lower branches on trees within the shoulders to a minimum height of 2.5m. • Treat hazardous trees within one tree length from the outer edge of the shoulder. • Where existing trafficable surface and shoulder widths exceed these standards continue to maintain to existing footprint.

Practical locations for turning and passing bay locations may differ from *Treatment Specifications* outlined in this plan. Create bays where suitable, appropriate, and least effort while satisfying the intent of the *Treatment Specifications*.



Supporting Context and Implementation Notes:

The ability of Council to implement effective bushfire risk management works on the area under their managed is heavily constrained by terrain, cadastral boundaries and lack of effective operational boundaries. A tenure blind approach to bushfire management is required as existing cadastral boundaries do not align to practical operational boundaries in many instances. FCRC needs to ensure there is ongoing consultation and collaboration with QPWS and BAC.

Exercise due diligence around cultural heritage values. Identify cultural heritage values that may be impacted by the recommended works. Ensure information regarding the location and agreed mitigation strategies are shared with all parties involved in operations.

The works described below are limited to those areas that fall within Council owned or managed areas only unless otherwise stated.

Applicable Management Unit:	Detailed notes to support operational implementation:
Strategic Firelines Wathumba Rd & Orchid Beach Southern Access Rd	<ul style="list-style-type: none"> The intent of the works along Wathumba Rd and Orchid Beach Southern Access Rd is to: <ul style="list-style-type: none"> provide a regularly maintained area along the northern and eastern boundaries of the township to support planned burning and fire suppression operations on adjacent QPWS managed areas. improve access for fire appliances. Where practical aim to establish the shoulders so that ongoing maintenance can be conducted by machine.
Strategic Fireline Marloo Avenue	<ul style="list-style-type: none"> The intent of the works along Marloo Avenue is to: <ul style="list-style-type: none"> provide a regularly maintained area along the northern boundary of MU_OB_04 (Lot 67 RP225643) to reduce the likelihood of bushfires entering the township from the south through this area. improve access for fire appliances. Where practical aim to establish the shoulders so that ongoing maintenance can be conducted by machine.
RFZ MU_OB_01	<ul style="list-style-type: none"> The intent of this Reduced Fuel Zone is to compliment work undertaken to the north on Wathumba Rd and adjacent QPWS managed areas and thus to reduce the likelihood of bushfires entering the township from the north through this area. RFZ is to be established immediately abutting the southern edge of the Wathumba Road easement, effectively extending the shoulder to the south. Undertake initial works to remove surface hazards, Near-surface and Elevated fuels and hazardous trees as required. Where practical aim to establish the zone so that ongoing maintenance can be conducted by machine.
Separation Areas SA_OB_01 SA_OB_02	<ul style="list-style-type: none"> The intent of these separation areas is to support planned burning of MU_OB_02. Steep side slopes and sandy substrate limit the extent of area that can be safely and effectively managed. Clear to widest extent where practical and continue to maintain through brush cutting, tree pruning and sucker removal. Undertake ongoing discussions with adjacent private property owners to address current encroachment of private structures (water tanks, retaining walls etc) into separation areas.
Separation Areas SA_OB_03 SA_OB_04 SA_OB_05	<ul style="list-style-type: none"> The intent of these separation areas is to support planned burning of MU_OB_06. Side slopes and sandy substrate limit the extent of area that can be safely and effectively managed. Clear to widest extent where practical and continue to maintain through brush cutting, tree pruning and sucker removal. Reinstate SA_OB_04 to extend separation area along the entire northern boundary of MU_OB_06. Currently does not extend past Lot 15 RP216318. Construct SA_OB_05 to reduce risk to Lot 27 RP212939 and provide a boundary along the western side of MU_OB_06. Undertake ongoing discussions with adjacent private property owners to address current encroachment of private structures (water tanks, retaining walls etc) into separation areas.
Walking Tracks WT_OB_01 through to WT_OB_04	<ul style="list-style-type: none"> The intent of these walking tracks is to break MU_OB_02 into sub-sections thus making implementing planned burns more achievable. Upgrading and maintaining these tracks may lead to concerns from adjoining private property owners as there are no formal easements. Measures to minimise usage and potential erosion should be considered including signage outlining the purpose of the tracks.



Applicable Management Unit:	Detailed notes to support operational implementation:
BMZ MU_OB_02	<ul style="list-style-type: none"> The intent of undertaking planned burning within this management unit is to reduce the risk of unplanned fire running along this corridor. Upgrading existing walking tracks and installing new ones are recommended to break this management into smaller sub-units thus making implementing planned burns more achievable. Implementation of RFZ in MU_OB_01 will support planned burning in this unit. Implementation of MU_OB_02.5 will require collaboration with QPWS and BAC to contain this unit at FT_OB_03, Eliza Avenue Firebreak and Marloo West Firebreak. Successfully burning this unit (down a steep slope) will require either continuous surface or near surface fuels. Given the given the sandy soil and slope, a fixed interval or time since last burnt may not be a reliable trigger.
Secondary Fireline Marloo West Firebreak	<ul style="list-style-type: none"> The intent of the works along the Marloo West Firebreak is to: <ul style="list-style-type: none"> provide a regularly maintained area along the southern boundary of the township to support planned burning and fire suppression operations on adjacent QPWS managed areas. improve access for fire appliances. provide a regularly maintained area along the southern boundary of the council managed parcels to support potential future planned burning in these parcels. Collaborate with QPWS and BAC to plan and implement works as tenure boundaries do not align exactly with the Firebreak. Consult with QPWS and formalise ongoing maintenance responsibilities. Southern boundary of MU_OB_03 <ul style="list-style-type: none"> Implement vertical clearance and shoulder works on the northern side of Marloo West Firebreak. Requires consultation and approval from QPWS and BAC as works are likely to occur on both QPWS and FCRC managed areas. Southern boundary of MU_OB_04 <ul style="list-style-type: none"> Remove existing fixed bollards (AP_OB_01 and AP_OB_02) to allow access and maintenance of Marloo West Firebreak along southern boundary of MU_OB_04. Implement vertical clearance and shoulder works on the northern side of Marloo West Firebreak. Marloo West Firebreak appears to directly abut MU_OB_04 hence works likely fall on FCRC managed area. Consult with QPWS and BAC about undertaking shoulder works on southern side of Marloo West Firebreak. Southern boundary of MU_OB_05 <ul style="list-style-type: none"> Implement vertical clearance and shoulder works on northern side of Marloo West Firebreak. Marloo West Firebreak appears to directly abut MU_OB_05 hence works likely fall on FCRC managed area. Southern boundary of MU_OB_02.5 <ul style="list-style-type: none"> This section of Marloo West Firebreak sits on QPWS estate, ensure it meets Secondary Fireline standard prior to planned burning of MU_OB_02.5.
Secondary Fireline FT_OB_03	<ul style="list-style-type: none"> The intent of the works on FT_OB_03 is to: <ul style="list-style-type: none"> Improve access for fire appliances. Provide a boundary to contain MU_OB_02.5 and enable planned burning therein. This trail sits on QPWS estate, however, it does not appear to be in their spatial dataset. Acquire approval from QPWS to upgrade this trail and actively support them in ongoing maintenance.
Secondary Fireline Eliza Avenue Firebreak	<ul style="list-style-type: none"> The intent behind the inclusion of Eliza Avenue Firebreak in this plan is to: <ul style="list-style-type: none"> Improve access for fire appliances across tenures. Provide a boundary to contain MU_OB_02.5 and MU_OB_06 and enable planned burning therein. This Firebreak sits on QPWS estate, ensure it meets Secondary Fireline standard prior to planned burning of MU_OB_02.5 or MU_OB_06.



Applicable Management Unit:	Detailed notes to support operational implementation:
BMZ MU_OB_04	<ul style="list-style-type: none"> Planned burning could be undertaken in this management unit with the logical boundaries falling on adjacent private property. This unit has been broken into two sub-units to provide different planned burn implementation options. MU_OB_4.2 <ul style="list-style-type: none"> Logical boundary is FT_OB_01, Marloo Avenue and private property to the east (Lot 55 RP225643). FT_OB_01 would require upgrading and access management at the northern end. Recommended works on Marloo West Firebreak would need to be undertaken prior to the burn. Written consent would be required from the owner of Lot 55 RP225643. MU_OB_04.1 and MU_OB_4.2 <ul style="list-style-type: none"> Logical boundary is FT_OB_02 (on Lot 56 RP225643), Marloo Avenue, private property to the east (Lot 55 RP225643) and Marloo West Firebreak. Recommended works on Marloo West Firebreak would need to be undertaken prior to the burn. Written consent would be required from the owner of Lot 55 RP225643 and Lot 56 RP225643. Additional works on FT_OB_02, which sits almost entirely on private property (Lot 56 RP225643), may also be required.
LMZ MU_OB_03 MU_OB_05	<ul style="list-style-type: none"> Planned burning of these two parcels complex and challenging due to the lack of effective boundaries along the northern sides. Undertaking planned burns in these units will be beneficial in reducing risk to the township and improving ecological health. Whilst not currently listed in the <i>Indicative Works Schedule</i> any proposals to undertake planned burns in these units should be considered. The logical boundary for these burns would fall on numerous adjacent private properties. Written consent from all of these landowners would be required to undertake these burns. Resourcing would be required to manage risks to private dwelling and structures along the northern boundaries. Recommended works along Marloo West Firebreak would also need to be undertaken prior to these burns.
LMZ MU_OB_06	<ul style="list-style-type: none"> Planned burning of this parcel would require collaboration with QPWS as the logical southern boundary lies on QPWS managed areas. Reinstatement of SA_OB_04 and the establishment of SA_OB_05 would be required. Resourcing would be required to manage risks to private dwelling and structures along the northern boundaries. Recommended works along Eliza Avenue Firebreak and Marloo West Firebreak should be undertaken in conjunction with QPWS prior to this burn.

Supporting Ecological Notes:

Burning in **Eucalypt open forests to woodlands on floodplains** (RE 12.2.6) - Burning floodplain and surrounding communities to prevent wildfire is high priority due to its potential to provide habitat for birds and mammals. Aim for high soil moisture and limited scorch height. Intense fires during dry conditions can promote dense shrub and tree recruitment. Shrubs and small trees form ladder fuels that can draw flames into the canopy, damaging eucalypt crowns. This promotes further dense shrub recruitment, which grows into dense thickets during subsequent long fire intervals, perpetuating the cycle.

Burning in **Coastal communities and heaths** (RE 12.2.9) - The prolonged absence of fire can lead to a decline in plant abundance and diversity in coastal heaths. Burn when soil moisture is high (saturated soil), this will minimise the likelihood of igniting peat layers if they exist. Unburnt patches (especially in isolated patches of heath) should remain, providing refuge for wildlife.