

Date : 12/11/2020 11:54:01 AM
From : "SEELEITHER Jamie"
To : "General Manager"
Subject : Accepted:

Published on DES Disclosure Log
RTI Act 2009

Date : 7/12/2020 6:57:07 PM
From : "SEELEITHER Jamie"
To : "Chantel Van Wamelen"
Subject : BAC crewing over the Fire Campaign
Attachment : image001.png;image002.png;

Chantel

Can you please send me what has been supplied crew wise for the past 6 weeks.
I will use it as a labour estimate.

Thanks

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal info** | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

***I give my respect to the traditional and custodial Aboriginal and Torres Strait Island
Elders and Owners of the Land in which I work, Live and walk.***



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Date : 9/11/2020 9:16:56 AM
From : "SEELEITHER Jamie"
To : "Chantel Van Wamelen"
Cc : "Veronica Bird", "gm@butchullaaboriginalcorporation.org", "Rachel Killer"
Subject : BLSR
Attachment : Group Photo 1.jpg;Group Photo 2.jpg;Group Photo
3.jpg;IMG_20201103_095451.jpg;IMG_20201103_125310.jpg;IMG_20201104_102906.jpg;IMG_20201104_123329.jpg;IMG_20201104_123357.jpg;IMG_20201104_125634.jpg;IMG_20201104_125645.jpg;IMG_20

Jamie Seeleither
A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships
Department of Environment and Science
P (07) 54596130 | M **[REDACTED]** | E jamie.seeleither@des.qld.gov.au
12 First Avenue Maroochydore QLD 4558 |
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M.V. Beagle - exit only

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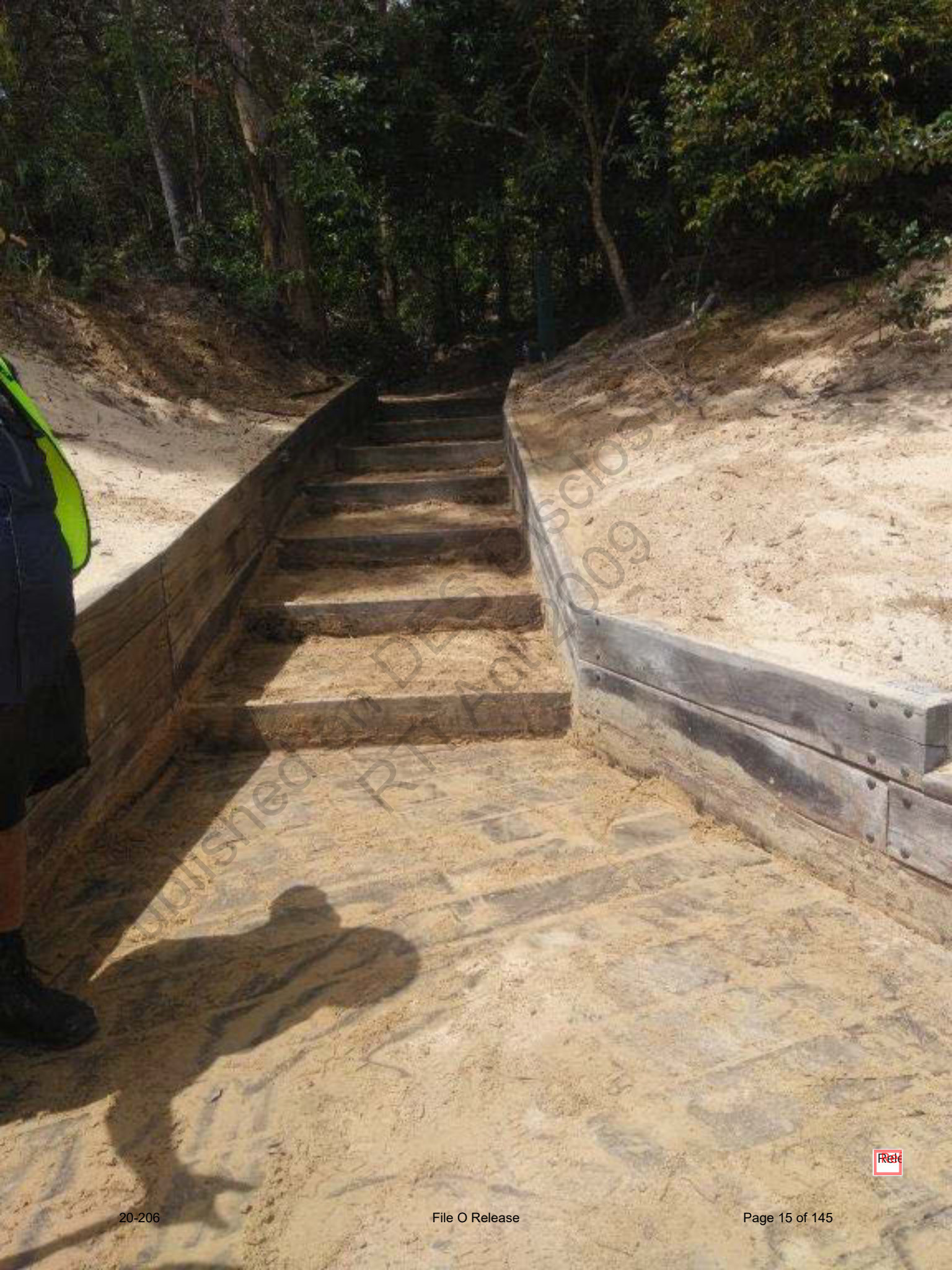
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9:04



< Chantel (BLSR)

Personal Information - mobile



Thursday, 26 November 2020

Chantele
Haven't heard yet but will get
confirmation first up in the morning.
Should be Dundy barracks.
Cheers
Jamie

8:58 pm



Thanks Jamie

9:56 pm

Friday, 27 November 2020

Chantele
The I MT are working to put the
crew at Eurong area -either ranger
station or resort.
Can the crew head across there
first. I will relay where they are
accommodated to John Green and
yourself when I have confirmation.
Cheers

7:27 am

Jamie



No subject

Message size: 8KB

Expires: 10:11 am, 11 Dec

MMS

10:11 am

Chantele

Sent email.

Crew to stay at Eurong Resort and



Get [Outlook for Android](#)

< Chantel (BLSR)



Personal information: mobile telephone 1 Le Telephone

Thursday, 26 November 2020

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Jamie

8:58 pm



Thanks Jamie

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Cheers

7:27 am

Jamie



No subject

Message size: 8KB

Expires: 10:11 am, 11 Dec

MMS
10:11 am

Chantele
Sent email.
Crew to stay at Eurong Resort and report to John Walker at Eurong



Date : 1/12/2020 1:53:22 PM
From : "SEELEITHER Jamie"
To : "Veronica Bird"
Cc : "Rachel Killer" , "Chantel Van Wamelen" , "Amanda Jackson"
Subject : Cultural Advisor for Mulching Works
Attachment : image001.png;image002.png;

Veronica

How are you?

The IMT have asked if there is a possibility of utilising a cultural advisor to walk in front of a mulcher around Happy Valley township perimeter commencing tomorrow morning.

The work will take 4- 6 hours.

Is this a possibility and do you want to send someone or utilise one of your staff already on the Island.

I have had an initial talk to Rachel regarding this.

Thanks and as always happy to have a yarn.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

Date : 11/12/2020 1:45:07 PM
From : "SEELEITHER Jamie"
To : "Chantel Van Wamelen"
Cc : "Amanda Jackson"
Subject : Cultural Advisors for work in the North of K'gari
Attachment : image001.png;image002.png;

Chantel

I talked with Amanda this morning and she said to touch base with you. (she said Person and Person may be available)

I talked with Peter Harvey and he would like to have a cultural advisor crew to work from Dunduburra arriving Tuesday 15th ready for work on Wednesday and then work through to Saturday and return on Sunday 20th.

Accommodation available in the barracks at Dunduburra for this time

Are you able to do this? Happy to talk.

Cheers

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Person info | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

Date : 15/10/2020 2:03:30 PM

From : "SEELEITHER Jamie"

To : "culturalheritage@butchullaaboriginalcorporation.org"

Cc : "Veronica Bird"

Subject : Cultural Assets near Current Fire, K'gari

Attachment : image001.png;image002.png;

Dustin

How are you?

As you are aware, and as we spoke about this morning there is currently a wildfire north of Orchid Beach on K'gari. Given the likelihood of this fire continuing for some time are there any particular cultural assets in that block that would require protection.

Happy to have a conversation around these and how best to look after them.

Give me a call if you like.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal info** | E: jamie.seeleither@des.qld.gov.au

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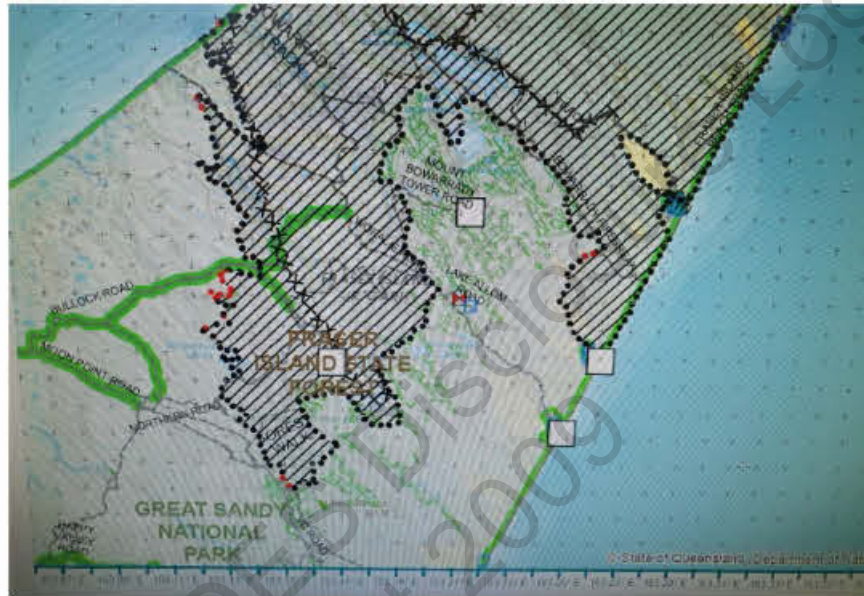
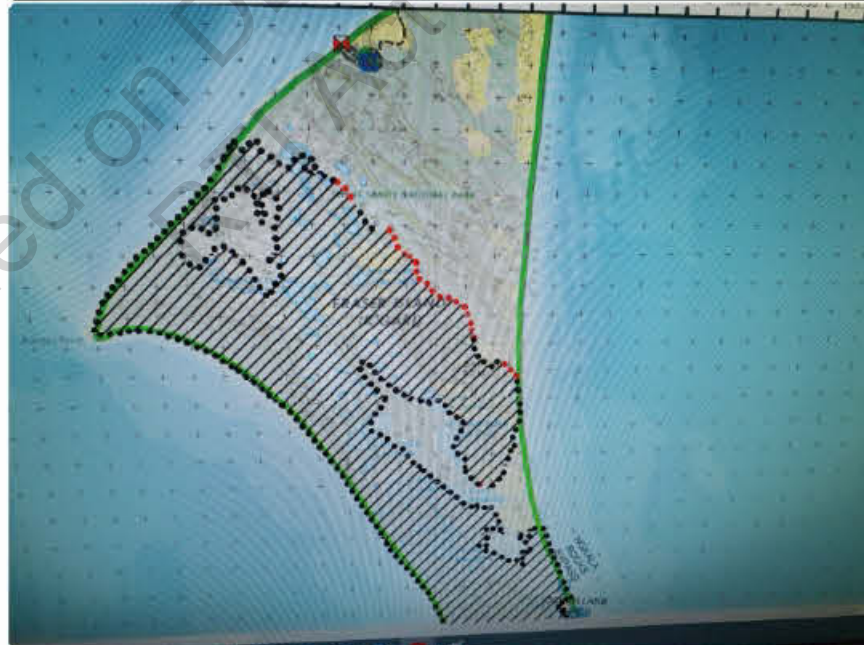
Date : 16/12/2020 1:33:30 PM
From : "SEELEITHER Jamie"
To : "SEELEITHER Jamie"
Attachment : Screenshot_20201216-111939_Messages.jpg;

11:19



< Dustin Currie

Personal information from mobile





Maps for you
Cheers
Jamie

MMS
4:04 pm



MMS 4:39 pm

Monday, 30 November 2020

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No subject

Message size: 245KB

Expires: 3:57 pm, 14 Dec

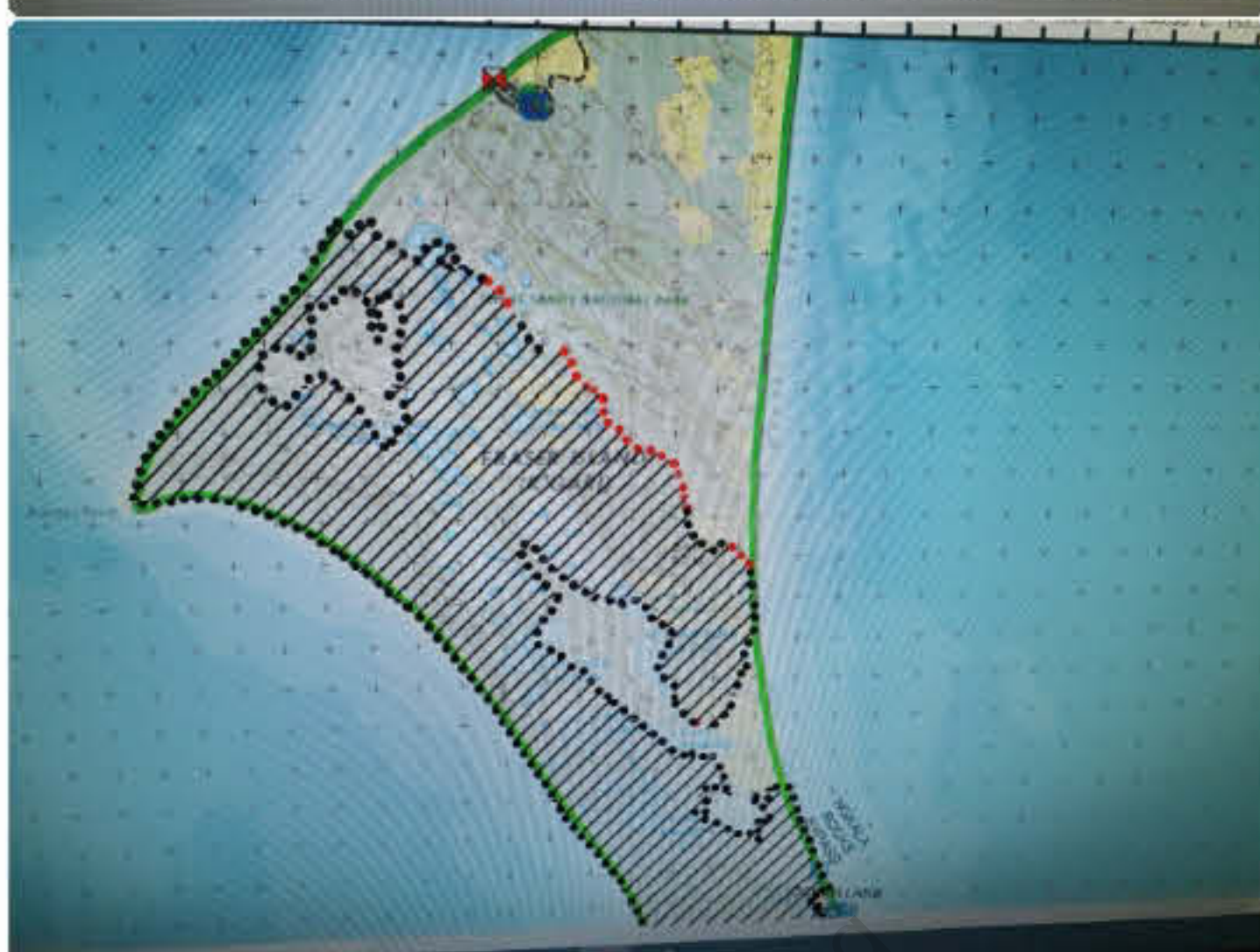
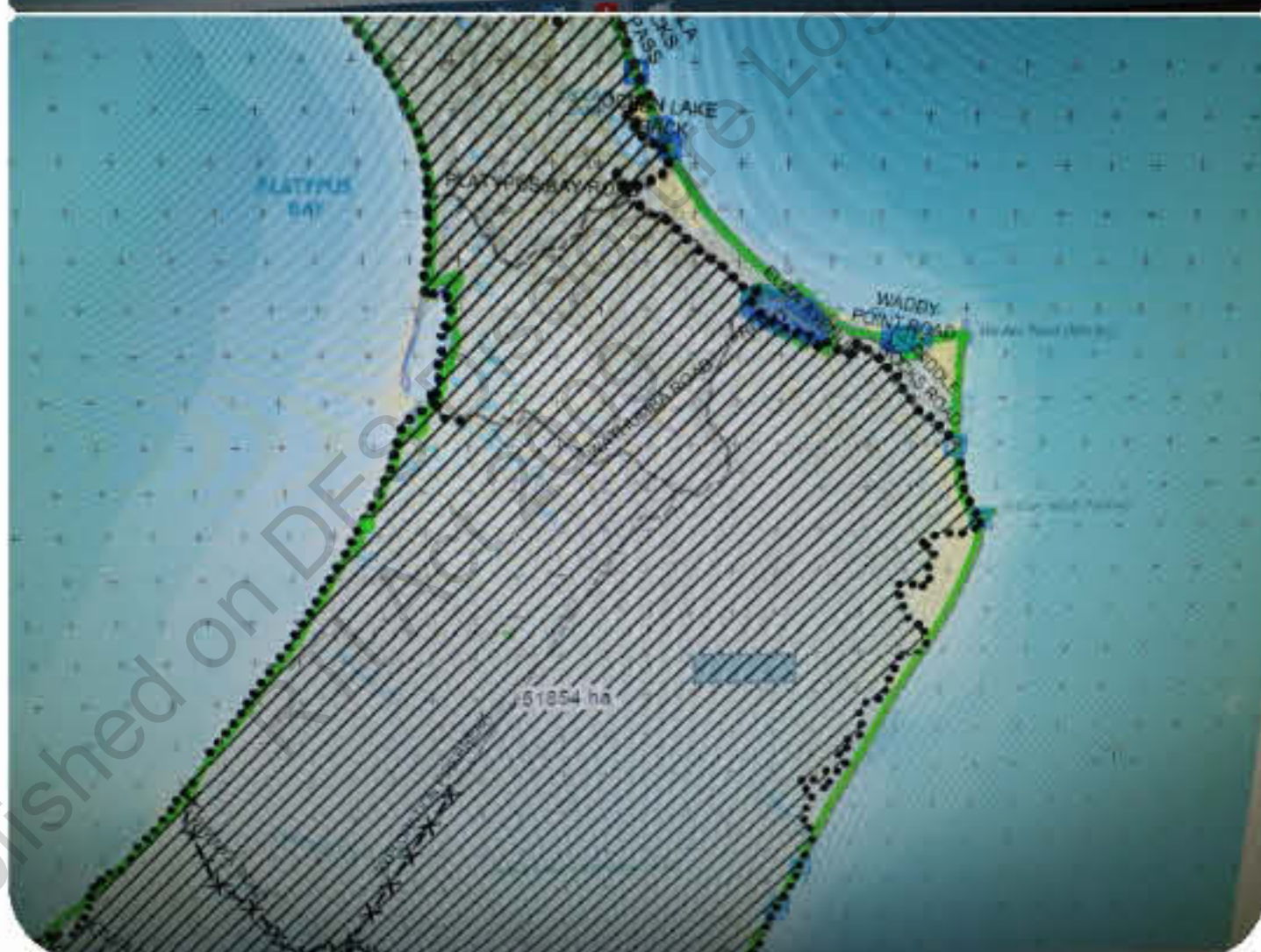
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< Dustin Currie



Personal information



Maps for you
Cheers
Jamie

MMS
4:04 pm



MMS 4:39 pm

Monday, 30 November 2020



No subject
Message size: 245KB
Expires: 3:57 pm, 14 Dec

MMS



Date : 26/11/2020 4:32:08 PM
From : "SEELEITHER Jamie"
To : "Amanda Jackson"
Cc : "Rachel Killer"
Subject : Emergency List of Lakes that may be accessed for Water
Attachment : image001.png;image002.png;
Amanda (and Rachel)

When we spoke the other day you were looking at having something written down regards to Lakes that may be accessed for water in an emergency.
Did this ever get tabled? If it did is it possible to have a copy of what was developed / endorsed.?

Thanks

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au
12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

Date : 10/11/2020 4:15:31 PM

From : "SEELEITHER Jamie"

To : "Rachel Killer"

Subject : Fatigue Guidelines

Attachment : pg-pk-nrm-fatigue-management-during-fire-operations.pdf;image001.png;image002.png;

Rachel

As discussed.

This is what we need to work with.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal info** | E jamie.seeleither@des.qld.gov.au

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I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

Fatigue management (fire operations)

Procedural guides further define complex decision-making processes or requirements of the Department of Environment and Science, incorporating the Queensland Parks and Wildlife Service. Procedural guides provide guidance and information to assist staff in the completion of specific tasks or in making certain judgements. Procedural guides are for internal use only.

Purpose and scope

Fatigue management is a critical element of Queensland Parks and Wildlife Service (QPWS) fire operations which needs active monitoring by Incident Controllers and crew leaders. The purpose of this procedural guide is to prescribe safe guiding practices for the management of fatigue during fire operations on QPWS managed estate or otherwise involving QPWS personnel and associated non-QPWS fire crew or supporting personnel.

This procedural guide specifically relates to QPWS fire operations and should be read in conjunction with relevant safety, risk management and Industrial Award provisions (including certified agreements). The arrangements prescribed in this procedural guide apply to QPWS staff both when engaged in normal QPWS operations and when deployed to provide fire operations support to other organisations or jurisdictions except where alternative arrangements are approved by the QPWS Executive.

Background

Fatigue is a significant safety issue for personnel involved in fire operations. Fatigue may delay response and reaction times, negatively impact on logical reasoning, decision-making, judging risk, communication, recollection and impair abilities such as driving.

Fire operations often necessitate working outside of normal work periods, working extended hours and working extended hours over prolonged periods in at times a stressful, strenuous and taxing situation. As the physical and mental nature of fire operations and extended work periods has the potential to significantly contribute to personnel fatigue, the management and supervision of work periods is therefore a vital element in minimising personnel fatigue and maximising their safety.

To effectively manage fatigue, forward planning is required to ensure that there are adequate strategies in place to meet the requirements of both operational personnel and any emergent response. Fatigue management at fire operations is necessary to:

- maintain a sustainable, safe workforce;
- minimise the potential for injury or death occurring on the fireground or while travelling to or from a fire situation; and
- minimise errors in decision-making resulting from fatigue.

Definitions

A **roster** for the purposes of this procedural guide is a forward plan of shifts and work cycles including details of days of duty, starting and finishing times, role, location of deployment and personnel on each shift.

Fireground is the active fire front, together with areas that have been burnt and any unburnt areas where fire operations are occurring or may occur in the near future.

A **shift** is a single continuous operational period (hours) worked.

A **night shift** is a routine or longer shift commencing between 1600 and 0200 hours.

A **wildfire shift** is a single continuous period worked of up to 12 hours effective fireground operations or incident management and up to 2 hours for changeover and travel requirements. This wildfire shift may be approved by the Incident Controller subject to normal overtime approval procedures.

An **extended wildfire shift** is a single continuous period worked of more than 12 hours (excluding changeover and travel) up to 18 hours total shift length.

An **extension in exceptional circumstances** refers to a single continuous period worked of more than 18 hours total shift length, where a justified extension is approved by the Regional Director or higher delegate on clear indication of the immediate operational value, merit and safety measures identified. Trigger points for approval circumstances may be better supported within Wildfire Response Procedures.

A **work cycle** is a number of consecutive shifts (day shifts or night shifts) separated by off-duty rest periods (24 or 48 hours). For example, one work cycle may be: 4 consecutive day shifts, one 24 hour off-duty rest period, followed by another 4 consecutive day shifts and two 24 hour off-duty rest periods.

An **off-duty rest period** is a period of time away from work which does not involve work duties to allow staff to rest and recuperate.

Fatigue is defined by Workplace Health and Safety Queensland as the increasing difficulty in performing mental and physical activities as a result of inadequate restorative sleep. In a work context, fatigue is a state of mental and/or physical exhaustion which can reduce the ability of a person to perform their work safely and effectively.

Fatigue management procedures (for Incident Controllers, crew leaders and incident coordination teams)

Fatigue management, as with all safe work practices, should be viewed by both the department and its employees as a shared responsibility. Incident Controllers and fireground supervisors have a duty of care to provide safe work practices, tasks and rest periods that permit adequate time for personnel to rest and recover in order to undertake their work duties in a safe and responsible manner. Equally, personnel have a duty of care to assess their own capability and fitness, acknowledge when they are fatigued and to use their time away from work in a reasonable manner in order to rest and recuperate from long work cycles and extended shifts or strenuous work activities.

These procedures are consistent with the DES [Guide to Fatigue Management for Personnel Undertaking Incident Response and Recovery Activities](#) and provide an approved framework for departure from the arrangements for shift management outlined within the DES Guide specifically for responding to escalating wildfire incidents.

Refer to **Figure 1 Managing fatigue overview (fire operations)** to manage fatigue in relation to and during fire operations.

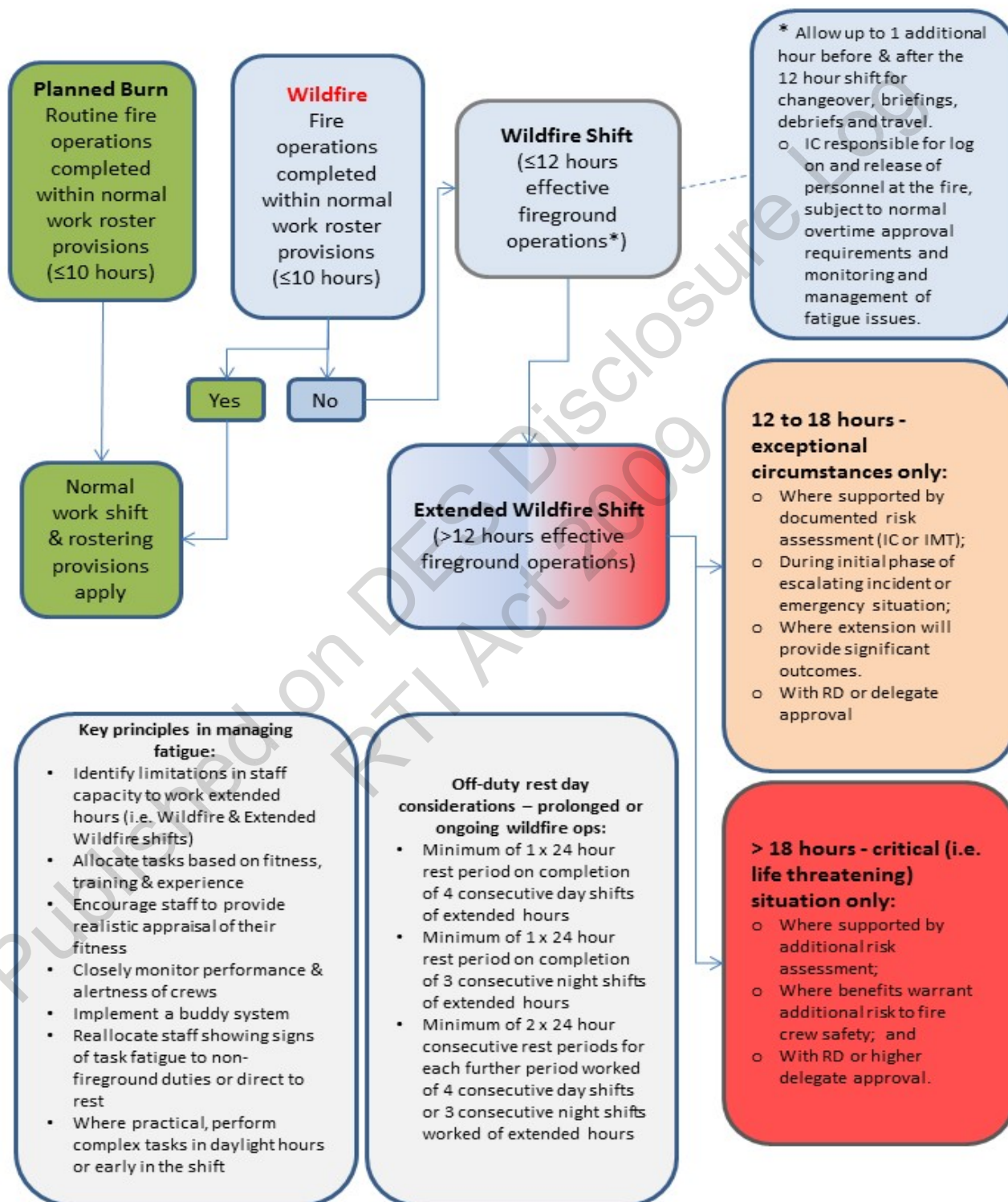
Planning and implementing shifts

When planning and implementing shifts, Incident Controllers should note that:

- The potential for fatigue to set in is faster as a result of heavy or extended workload, high temperatures, stressful situations, poor accommodation and poor nutrition
- Fatigue often occurs more quickly, and takes longer to recover from, when working night shifts due to disturbance of normal day/night biorhythms.
- As fire operations extend over time, fatigue will set in faster on each subsequent shift.
- Frequent short breaks (in addition to meal breaks) during fire operations can be highly beneficial to maintaining work performance, situational awareness and reducing fatigue.
- Where practical, fire crew should be regularly provided with the opportunity to change or rotate tools and tasks during shifts to minimise fatigue.
- All personnel need to maintain a good level of hydration¹, consuming fluid (water or carbohydrate/electrolyte drinks) on average of 200mL every 15 minutes.
- Operation of vehicles, heavy machinery and power tools (e.g. chainsaws) by personnel who are fatigued or have been on-shift in excess of 12 hours without a clear rest period, should be avoided. If continued operation is essential, close on-site supervision must be maintained.
- If possible, shift changes or task changeovers for field based roles should occur during daylight and at a suitable location close to the fireground, to enable orientation and familiarisation with firelines and with the priority tasks allocated.

¹ During prolonged work in the heat our body can sweat up to one litre an hour. Unless this fluid is replaced by drinking, progressive dehydration will result. Source: <https://www.worksafe.qld.gov.au/injury-prevention-safety/workplace-hazards/dangers-in-your-workplace/heat-stress>

Figure 1 Managing fatigue overview (fire operations)



Shift management

As part of a risk-based approach in the management of fatigue during QPWS fire operations, a rostering system for all operational personnel should be implemented as soon as possible after it becomes evident that more than one shift will be required. This approach identifies control measures that contribute to the management of fatigue-related risk and provides mechanisms for monitoring and reviewing these control measures. A decision support tool has been developed to assist with shift management (refer to QPWS Fire Management page).

Shift planning summary

Situation	Duration	Management guidelines	Work cycle (Maximum)
Planned burn Wildfire operations completed within normal work roster provisions	≤10 hours ≤10 hours	<ul style="list-style-type: none"> Applies to staff undertaking routine planned burn operations and wildfire operations completed within normal work roster provisions Commences from start of normal duties Refers to single continuous period of time of ≤10 hours, comprising combined hours of normal duties <u>and</u> either planned burn operations or wildfire operations Hours worked include changeover, briefings, debriefings and travel 10hr minimum off-duty break between shifts is mandatory 	<ul style="list-style-type: none"> As prescribed in relevant Industrial Award provisions (including certified agreements). On completion of 10 consecutive day shifts worked, a minimum of 48 consecutive hours should be provided to rest. On completion of 4 consecutive day shifts at maximum hours consideration should be given to one 24 hour rest period. On completion of 3 consecutive night shifts at maximum hours consideration should be given to one 24 hour rest period.
Wildfire shift	≤12 hours	<ul style="list-style-type: none"> Applies to staff deployed to wildfire operations Includes combined hours of normal duty and deployment Enables up to 12 hour effective fireground shift (where staff are deployed exclusively to wildfire operations) Provision for up to 1 additional hour before and after the 12 hour shift for changeover, briefings, debriefings and travel Where a full shift changeover is not required, staggered start and finish of crews to achieve effective 10 hour fireground operations is recommended 10hr minimum off-duty break between shifts is mandatory 	<ul style="list-style-type: none"> Maximum of 10 days if not involving 4 day or 3 night <u>consecutive</u> shifts (≤12 hours) or occasional extended shifts. On completion of 4 consecutive day shifts (≤12 hours), <u>a minimum of one 24 hour off-duty rest period should be provided prior to returning to normal duties; or</u> On completion of 3 consecutive night shifts (≤12 hours), <u>a minimum of one 24 hour off-duty rest period should be provided prior to returning to normal duties; and</u>

			<ul style="list-style-type: none"> For each further period of 4 consecutive day shifts (including travel time) or 3 consecutive night shifts, a minimum of two consecutive 24 hour off-duty rest periods (i.e. 48 hours) between deployments should be provided.
Extended wildfire shift	>12 hours (18 hours max)	<ul style="list-style-type: none"> Applicable when necessary and with prior approval to extend length of wildfire shift Enables >12 hours effective fireground operations Shift may only exceed the 12 hour maximum wildfire shift length up to a maximum of 18 hours when prior to reaching the 12 hour mark a risk assessment is completed by the Incident Controller, Manager or supervisor to support such action providing evidence that: <ul style="list-style-type: none"> in accordance with QPWS stated commitment to staff safety as the highest priority in accordance with the principles of the <i>Work Health and Safety Act 2011</i>, risks to staff safety have been identified and accorded priority over all other fire suppression/management considerations, AND risk assessment documentation demonstrates that risks to staff safety have been considered and that all reasonably practical measures have been implemented to eliminate, minimise and manage those risks, AND it is necessary to implement an extended shift to achieve effective fireground operations and associated incident management, AND extension is approved by the Regional Director or delegate on that basis. Where travel is required after completion of an extended wildfire shift, consideration must be given to the risk of driving while fatigued. The Incident Controller or IMT is required to assess whether it may be necessary to arrange for the safe transportation of staff. Hazard factors for consideration include the apparent fatigue levels of staff and the distance to be travelled. Shifts of lesser duration than 12 hours effective fireground operations should always be considered. Where operationally practicable, the Incident Controller should stand down crews with priority given to those who have travelled the furthest to the fireground, or been on the longest shift length. 10hr minimum off-duty break between shifts is mandatory 	<ul style="list-style-type: none"> Single occurrences only. Consecutive extended shifts should not be considered.
Extension in exceptional critical circumstances	>18 hours	<ul style="list-style-type: none"> An extended fireground shift may exceed an 18 hour shift only in the event of exceptional critical circumstances (i.e. life threatening). Where a shift extension up to a maximum 18 hours has been previously supported by an extended shift risk assessment, a <u>further risk assessment</u> must be performed prior to the 18 hour mark and provided to the Regional Director or higher delegate for approval of further extension. 	<ul style="list-style-type: none"> Single occurrences only. Consecutive extended shifts should not be considered.

		<ul style="list-style-type: none"> • In determining whether the likely increase in fatigue-related risk associated with such an extension is acceptable in the circumstances, the Regional Director/or higher delegate must consider the following: <ul style="list-style-type: none"> o Is loss of life and/or property imminent? o Is extension likely to be effective in responding to this imminent threat? o Are any alternative resources available, including QFES? o What further control measures will be implemented to manage the hazards associated with the likely increase in fatigue-related risk? • A risk assessment template and decision support tool are available on the QPWS Fire Management page to assist Incident Controllers. • In these circumstances, a driver must be engaged to transport employees from the fireground to their place of rest. • 10hr minimum off-duty break between shifts is mandatory 	
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Between shifts

Accommodation areas provided for personnel should be comfortable, clean and in quiet surroundings. Wherever possible, aim to provide one bedroom per person to minimise disturbances from the presence of other people. In remote situations, incident support should include where possible supporting functions such as campground managers to provide meals, readying fire units for re-deployment, and other tasks that can otherwise eat into available rest periods for off-line fire crew.

Meaningful rest should be encouraged when fire crew personnel are off-duty. Personnel should use their time away from work in a manner that ensures they are fit for work when they return to fire operations.

General principles (all fire crew, supervisors and supporting personnel)

1. An off-duty break of 10 consecutive hours between shifts is **mandatory**.
2. Implementation of a buddy system during fire operations is encouraged to facilitate the well-being of all personnel and to ensure that staff do not work on the fireground on their own, or in an unsupported situation.
3. All supervisors must closely monitor the performance and alertness of their crews and take appropriate measures to minimise the risks associated with personnel fatigue, such as rotating tasks. Similarly, at any time during or following the activity, employees have a responsibility to draw to their supervisor's attention any aspect of their physical and personal well-being that is of concern.
4. As early as possible, when an assessment indicates that subsequent shifts will be required utilising intra or inter region support, consideration should be given to rostering local staff off-duty and staggering their availability so that personnel with local knowledge will be available for follow-up shifts.
5. Personnel who show signs of task fatigue impacting their performance should be allocated non-fire ground duties for the crew shift or be directed to rest (e.g. blurred vision, lack of concentration, irritability, slower reaction times, reduced vigilance)². Where practical, high risk tasks should be scheduled during daylight hours or as early in the shift as possible. Tasks should be continually risk assessed for both achievability and safety.
6. Personnel should be actively encouraged to provide a realistic appraisal of their level of fitness, including current capability, prior to the start of and throughout the fire season. Some employees will not have the capacity to work extended hours on a continuous basis. All personnel should be allocated tasks based on an assessment of their fitness, training and experience.
7. Consideration must be given to the safe transportation of personnel to and from the fireground. During extended shifts a refreshed (i.e. non-fatigued) driver should transport personnel from the fireground to their place of rest. Time for transportation by another driver could be outside any shift period without the need for additional extended shift approval, however transportation time is included in on-duty time and the mandatory 10 hour break commences with arrival at the place of rest.
8. If it is necessary, in exceptional circumstances, for example a fire occurs at the end of a normal 10 day work cycle, to extend the number of consecutive days for a combination of normal duties and fire duties beyond 10 days the Regional Director or delegate must consider the following factors for determination prior to granting approval for the extension:

² The signs and symptoms of fatigue include: blurred vision, difficulty keeping your eyes open, head nodding, drowsy, relaxed, feeling irritable, not feeling refreshed after sleep (waking tired), falling asleep at work, micro sleeps - falling asleep for less than a second to a few seconds, and being unaware that you have done so (usually due to sleep loss). More information on effects of fatigue can be found at: <http://www.worksafe.qld.gov.au/injury-prevention-safety/workplace-hazards/fatigue/effects-of-fatigue>

- the likely increase in fatigue related risk
 - the likelihood of imminent loss of life and/or property
 - the availability of alternative skills or resources
 - what further control measures will need to be implemented to manage the hazards associated with the likely increase in fatigue related risk.
9. A maximum extended deployment of 12 days is not to be exceeded in any circumstances.
 10. Hours worked prior to deployment to fire operations are to be considered in determining the initial response allowable shift length duration. Note that a work cycle starts from the first day of work and not the first day of working within fire operations.
 11. Where shift length may become an issue, all crew leaders must advise the Incident Control at briefing, or via their chain of command during their shift but well ahead of stand down time, of their required stand down time, to allow time for crew changeover, accelerated containment, or shift extension approval if required, particularly if operating at other agency managed fires.
 12. It is the Incident Controller's responsibility to manage resourcing of the incident, however Regional Coordination Centres can track shift length, arrange supporting functions such as organising a driver to return fire crew to a suitable place of rest, and could arrange for replacement crews, if requested.

Other fatigue management requirements

13. Arrangements must be in place (documented in the risk analysis) to ensure the safe conveyance of staff to and from the fireground, or to organise a suitable place of rest at the closest point of proximity to the fireground. These may be pre-determined within Wildfire Response Procedures.
14. Personnel start and finish times should be recorded via T-cards or similar fireground recording methods, must be able to be tracked by the Incident Controller throughout operations, and must be able to be reported to any Regional Coordination Centre when requested.
15. Work times, and meal and rest breaks must be able to be accurately reported for all fire crew and supporting personnel.
16. Fire staff must maintain a logbook of fire related activities (e.g. incident log located at the rear of the Fire Operations Field Guide) to assist in assessment of fire related competencies and/or maintenance of any competency currency requirements where applicable.

Auditing fatigue management during fire operations

In addition to debriefs, Fire Operations Assessments (FOA's) particularly in relation to campaign fires, can effectively evaluate the efforts and success of managing fatigue during fire operations especially where there is a requirement to implement extended shift arrangements. FOA's can be compiled at fire debriefs by Senior Rangers (or other senior management delegate) to ensure capture of relevant information from the largest pool of fire operations personnel involved in any individual incident. Key fatigue management procedures to be audited within a FOA are contained within the *FOA functional elements checklist* documents available on the QPWS Fire Management page.

Further information

For further information contact the State Fire Team, Operational Support, via email fire.advice@des.qld.gov.au, or refer to the following references and the QPWS Fire Management page which includes:

- Fatigue decision support tool (incident factors) and risk assessment form - to assist with preparation of a risk assessment for fatigue management.
- User guide – Fatigue management decision support tool
- Extended shift risk assessment (generic) form
- Fatigue management (fire management) supporting document.
- DES *Guide to Fatigue Management for Personnel Undertaking Incident Response and Recovery Activities*. <http://intranet.nprsr.qld.gov.au/human-resources/workingsafe-workingwell/pdf/fatigue-management-guide.pdf>
- DES *Work Health and Safety Risk Management Procedure*
- DES *Work Health and Safety Policy*.
- DES *Work Health and Safety Incident Reporting, Recording and Investigation Procedure*
- *Managing fatigue following natural disasters*: <http://www.deir.qld.gov.au/workplace/resources/pdfs/qld-floods-managing-fatigue.pdf>
- Draft Code of Practice – *Preventing and managing fatigue in the workplace*: [http://www.safeworkaustralia.gov.au/sites/SWA/model-whs-laws/public-comment/Documents/Draft Model Work Health and Safety Codes of Practice Public Comment/Draft Model Codes of Practice for Public Comment/Preventing-and-Managing-Fatigue-in-the-Workplace.pdf](http://www.safeworkaustralia.gov.au/sites/SWA/model-whs-laws/public-comment/Documents/Draft%20Model%20Work%20Health%20and%20Safety%20Codes%20of%20Practice%20Public%20Comment/Draft%20Model%20Codes%20of%20Practice%20for%20Public%20Comment/Preventing-and-Managing-Fatigue-in-the-Workplace.pdf)
- *Guide for Managing The Risk Of Fatigue At Work*: <http://www.safeworkaustralia.gov.au/sites/SWA/about/Publications/Documents/825/Managing-the-risk-of-fatigue>

More information on effects of fatigue can be found at:

- <http://www.worksafe.qld.gov.au/injury-prevention-safety/workplace-hazards/fatigue/managing-fatigue>
- <http://www.worksafe.qld.gov.au/injury-prevention-safety/workplace-hazards/fatigue>

Disclaimer

While this document has been prepared with care it contains general information and does not profess to offer legal, professional or commercial advice. The Queensland Government accepts no liability for any external decisions or actions taken on the basis of this document. Persons external to the Department of Environment and Science should satisfy themselves independently and by consulting their own professional advisors before embarking on any proposed course of action.

Approved By

Ben Klaassen

Signature

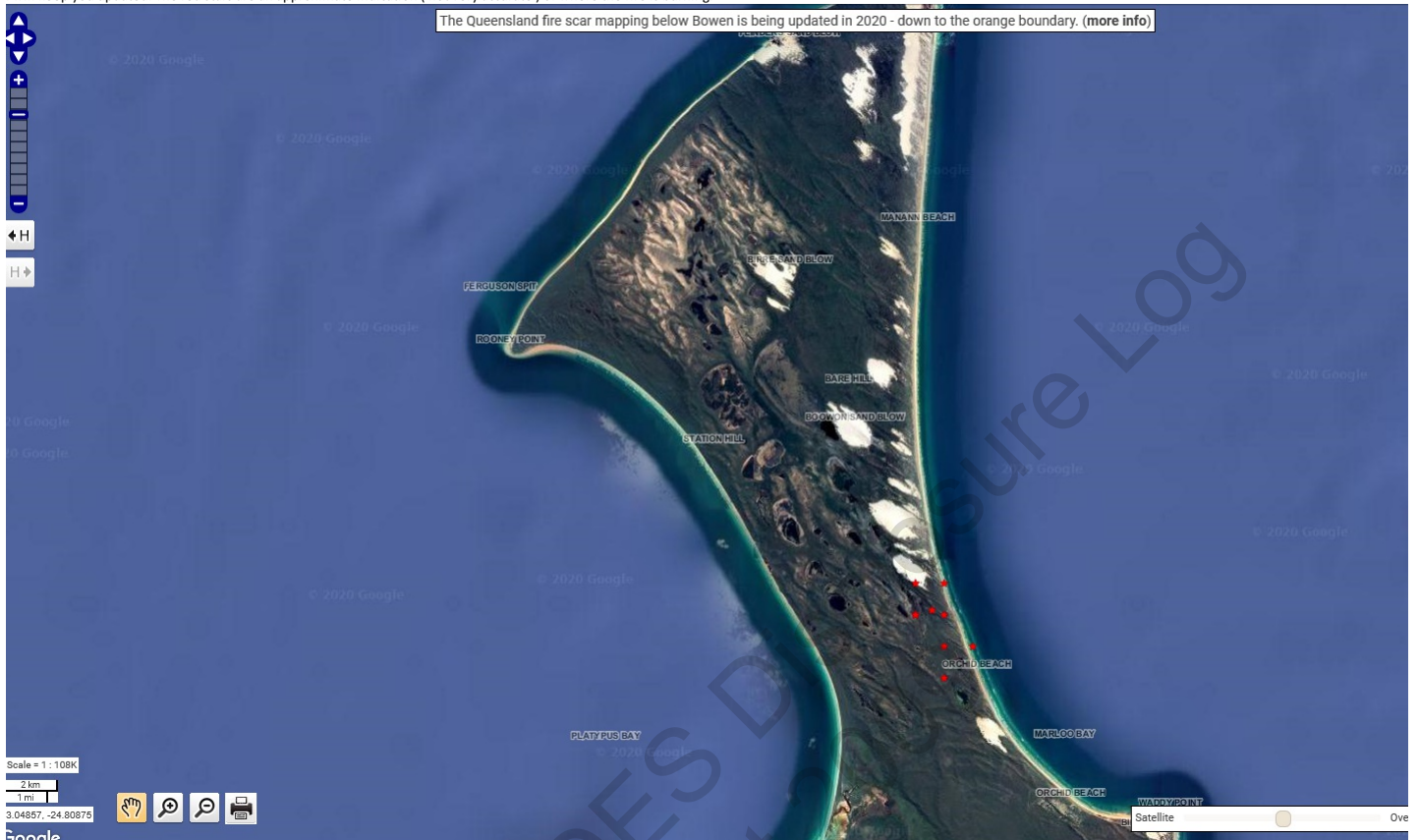
05/05/2016

Date

Deputy Director-General
Queensland Parks and Wildlife Service

Enquiries:
State Fire Team – Operational Support
Email: fire.advice@des.qld.gov.au

Date : 15/10/2020 8:44:38 AM
From : "SEELEITHER Jamie"
To : "Veronica Bird" , "Melissa Foley (Personal information)"
Cc : "joyce@butchullaaboriginalcorporation.org"
Subject : Fire at orange Creek Swamp K'gari
Attachment : image003.png;image001.png;image002.png;
Veronica/ Mellissa
How are you both?
By way of update on the fire. It is still burning and is in Orange Creek Swamp and currnetly burning north.
Both QPWS and QFRS crews are assessing today with the main objective to keep the fire north of the Platypus Bay road and away from the township.
I will keep you updated. The red stars are an approximate indication (not very accurate) of where the fire is burning.



Regards

Jamie Seeleither
A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships
Department of Environment and Science
P (07) 54596130 | M (Personal) | E jamie.seeleither@des.qld.gov.au
12 First Avenue Maroochydore QLD 4558
I give my respect to the traditional and custodial Aboriginal and Torres Strait Island
Elders and Owners of the Land in which I work, Live and walk.

Date : 25/11/2020 7:32:02 AM
From : "SEELEITHER Jamie"
To : "Veronica Bird" , "Melissa Foley" (~~Personal information - ipets~~)
Cc : "Amanda Jackson" , "Rachel Killer"
Subject : Fire Update K'gari
Attachment : image001.png;image003.png;image004.png;image005.png;

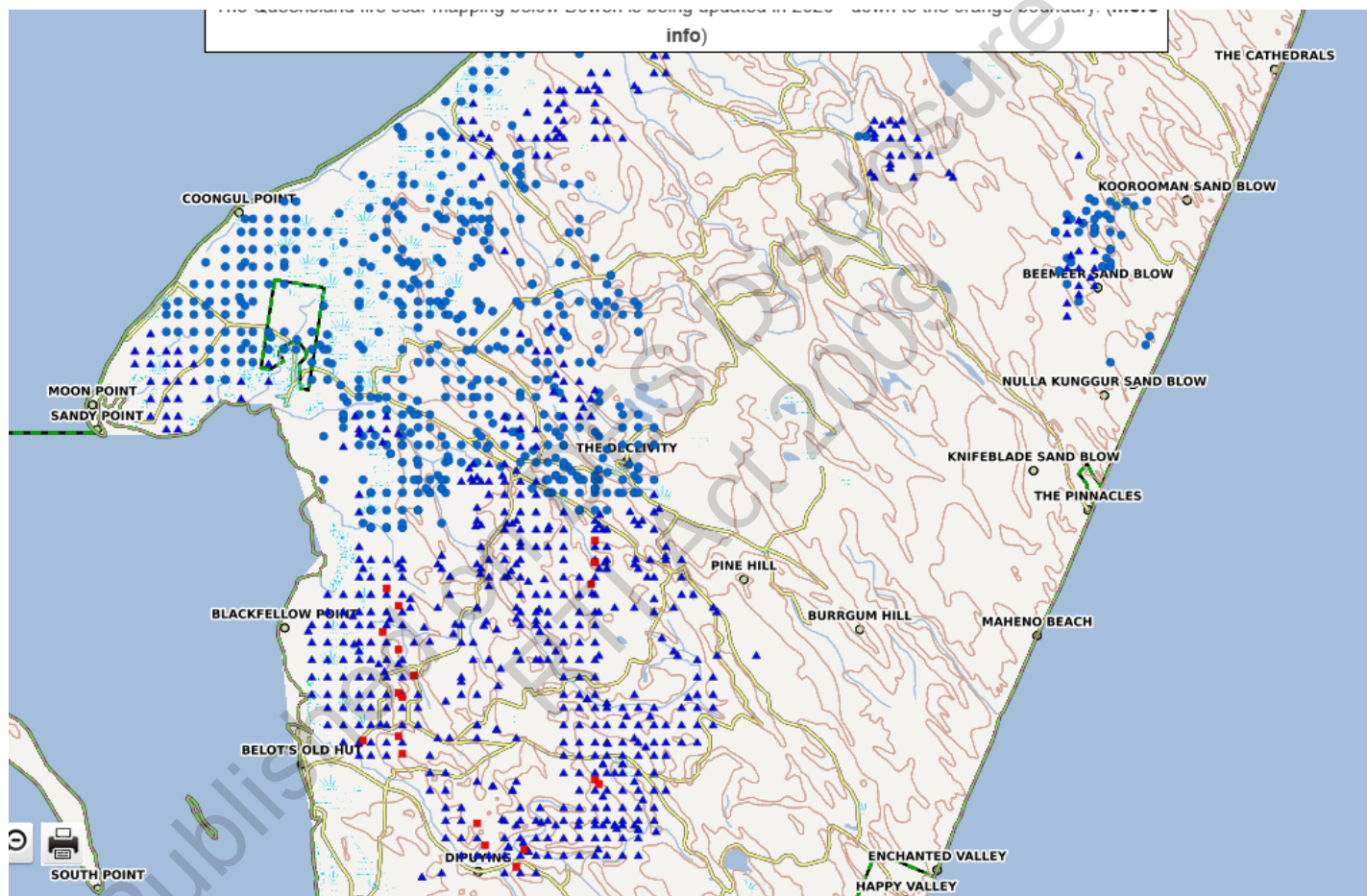
All

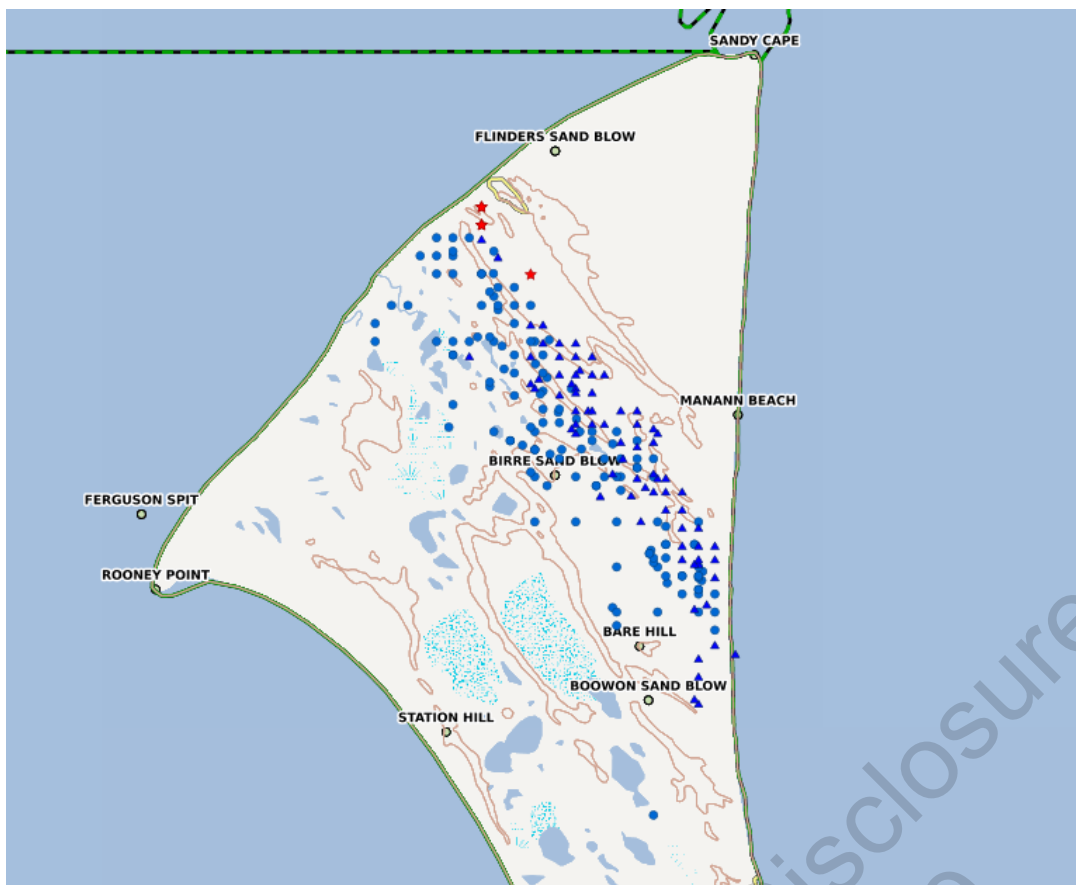
Please see a quick update on the fire from K'gari

- The southerly change came through yesterday evening and fire weather conditions have eased on the fire ground.
- Four major components to fire:
 - Fire in South
 - The intent is to hold the wildfire on a southern fire control line (Smith-Poyungan/Cornwalls Road).
 - A range of options at IMT disposal with some already implemented which include: mechanical work on break, aerial support (waterbombing/aerial ignition) and back burning.
 - Happy Valley – no immediate threat, watching brief with good prep work undertaken.
 - Cathedrals on Fraser – no immediate threat, watching brief with good prep work undertaken.
 - Sandy Cape – no immediate threat, watching brief with good prep work undertaken.

Better conditions on K'gari today with cooler southerly conditions.

IMT and crews are prepping for work to come including preparing roads and planning for undertaking fire operations/ suppression on the different fire fronts.





I will update further when I can.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal in** | E jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

Date : 1/01/0001 12:00:00 AM

Subject : From BAC

Attachment : RE: QFES Selective Vegetation Reduction at Happy Valley Telstra Tower;Re: QFES Selective Vegetation Reduction at Happy Valley Telstra Tower;QFES Selective Vegetation Reduction at Happy Valley Telstra Tower;Fw: Water Bombing Strategy for Old Growth Forests **Significant cultural information - Butchulla people**;RE: BAC Wildfire Support;RE: BLSR Crew;RE: BLSR Crew;K'gari forestry maps;Dustyn Currie e-mail address;Fwd: Water Bombing Strategy for Old Growth Forests **Significant cultural info**
Significant cultural info;

Regards

Graeme Bulley

Senior Ranger North Stradbroke Island

Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

Mob **Personal information**

Date : 6/12/2020 11:02:52 AM
From : "Chantel Van Wamelen"
To : "Veronica Bird" , "Craig.stolte@qfes.qld.gov.au" , "Jade Gould" , "Cultural Heritage"
Cc : "General Manager" , "Rachel Killer" , "JUSTER Trent" , "BULLEY Graeme"
Subject : RE: QFES Selective Vegetation Reduction at Happy Valley Telstra Tower
Attachment : image002.png;image003.jpg;

Hi Dustyn,

Thanks, please note: [Personal Inform] and [Personal Inform] (BAC) and [Personal Inform] and [Personal Inform] are currently working on as we speak.

Galangoor nyin (thank you)

Chantel Van Wamelen
Ranger Coordinator
Butchulla Land & Sea Rangers
Unit 1/24 Southern Cross Circuit, Urangan, Hervey Bay 4655
blsr@bac-kgari.org
PH 41256128



From: Veronica Bird <veronica.bird@bac-kgari.org>
Sent: Sunday, 6 December 2020 11:00 AM
To: Craig.stolte@qfes.qld.gov.au; Jade Gould <jade.gould@bac-kgari.org>; Cultural Heritage <ch@bac-kgari.org>
Cc: General Manager <gm@bac-kgari.org>; Rachel Killer <rachel.killer@bac-kgari.org>; Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>; trent.juster@dnrme.qld.gov.au; BULLEY Graeme <Graeme.Bulley@des.qld.gov.au>
Subject: Re: QFES Selective Vegetation Reduction at Happy Valley Telstra Tower

Thank you Dustyn.

Your dedication & continued efforts have been truly appreciated & valued.

Much Respect

Veronica

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From: Cultural Heritage <ch@bac-kgari.org>
Sent: Sunday, December 6, 2020 10:41:48 AM
To: Craig.stolte@qfes.qld.gov.au <Craig.stolte@qfes.qld.gov.au>; Jade Gould <jade.gould@bac-kgari.org>
Cc: General Manager <gm@bac-kgari.org>; Veronica Bird <veronica.bird@bac-kgari.org>; Rachel Killer <rachel.killer@bac-kgari.org>; Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>; trent.juster@dnrme.qld.gov.au <trent.juster@dnrme.qld.gov.au>; BULLEY Graeme <Graeme.Bulley@des.qld.gov.au>
Subject: QFES Selective Vegetation Reduction at Happy Valley Telstra Tower

This email confirms positive contact made by QFES Craig Stolte this morning regarding the need for selective vegetation reduction adjacent to the Telstra Tower at Happy Valley. These works are necessary to reduce potential harm to essential services

The works will occur on Lot Plan 31SP304080 ♦ State Land.

Craig and his team have been delivered a K♦gari Heritage Induction and I am satisfied he is competent to perform these activities under this circumstances.

I have authorised Craig to undertake the works subject to the EPBC, Nature Conservation Act & Qld Aboriginal Cultural Heritage Act 2003 with the following provisions:

- Works understood to be the use of hand tools/chainsaws
- No plant/ mulching required
- Wattle/ regrowth species cut with remaining stumps clearly visible to pedestrians
- Other plant species thinned with the primary trunk to remain intact with crown foliage
- Debris to be stockpiled for later removal

- Post Event assessment undertaken in due course

It is the responsibility of QFES to seek endorsement from other stakeholders as required.

Galangoor nyin (thank you)

Dustyn Currie
Cultural Heritage Officer (Kogari)
Butchulla Aboriginal Corporation
5/107 Boat Harbour Drive
Pialba 4655
P: 07 4124 9144
M: Personal inform
culturalheritage@butchullaaboriginalcorporation.org



Date : 6/12/2020 11:00:02 AM
From : "Veronica Bird"
To : "Craig.stolte@qfes.qld.gov.au" , "Jade Gould" , "Cultural Heritage"
Cc : "General Manager" , "Rachel Killer" , "Chantel Van Wamelen" , "JUSTER Trent" , "BULLEY Graeme"
Subject : Re: QFES Selective Vegetation Reduction at Happy Valley Telstra Tower
Attachment : image001.jpg;

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Get [Outlook for Android](#)

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To: Craig.stolte@qfes.qld.gov.au <Craig.stolte@qfes.qld.gov.au>; Jade Gould <jade.gould@bac-kgari.org>
Cc: General Manager <gm@bac-kgari.org>; Veronica Bird <veronica.bird@bac-kgari.org>; Rachel Killer <rachel.killer@bac-kgari.org>; Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>; trent.juster@dnrme.qld.gov.au <trent.juster@dnrme.qld.gov.au>; BULLEY Graeme <Graeme.Bulley@des.qld.gov.au>
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Dustyn Currie
Cultural Heritage Officer (K♦gari)
Butchulla Aboriginal Corporation
5/107 Boat Harbour Drive
Pialba 4655
P: 07 4124 9144
M: Personal Inform
culturalheritage@butchullaaboriginalcorporation.org



Date : 6/12/2020 10:41:48 AM
From : "Cultural Heritage"
To : "Craig.stolte@qfes.qld.gov.au" , "Jade Gould"
Cc : "General Manager" , "Veronica Bird" , "Rachel Killer" , "Chantel Van Wamelen" , "JUSTER Trent" , "BULLEY Graeme"
Subject : QFES Selective Vegetation Reduction at Happy Valley Telstra Tower
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Galangoor nyin (thank you)

Dustyn Currie
Cultural Heritage Officer (K♦gari)
Butchulla Aboriginal Corporation
5/107 Boat Harbour Drive
Pialba 4655
P: 07 4124 9144
M: Personal inform
culturalheritage@butchullaaboriginalcorporation.org



Date : 1/12/2020 9:44:37 AM
From : "Veronica Bird"
To : "SEELEITHER Jamie" , "BULLEY Graeme"
Subject : Fw: Water Bombing Strategy for Old Growth Forests **Significant cultural information- Butchulla people**
Attachment : image001.jpg;

Hi Jamie & Graeme,

Could you please forward the email below to IMT 'URGENTLY' relating to the on ground works by QFES for the **Significant cultural information- Butchulla people** today.

Kind Regards

Veronica

— Forwarded message —

From: Dustyn Currie <dustyn.currie@bac-kgari.org>
To: Veronica VB. Bird <**Personal information**> ; Amanda Jackson <amanda.jackson@bac-kgari.org>; General Manager <gm@bac-kgari.org>
Cc: Rachel Killer <rachel.killer@bac-kgari.org>; Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>
Sent: Monday, 30 November 2020, 09:55:59 pm AEST
Subject: RE: Water Bombing Strategy for Old Growth Forests **Significant cultural information- Butchulla people**

My apologies to all recipients of this email.

This communication was intended for our line of command (Veronica) for her consideration as our primary line of comms and for her direction.

I apologise if I have erred in this instance and await your instruction, Veronica.

Dustyn

From: Dustyn Currie
Sent: Monday, 30 November 2020 9:28 PM
To: Veronica VB. Bird <**Personal information**> ; Amanda Jackson <amanda.jackson@bac-kgari.org>; General Manager <gm@bac-kgari.org>
Cc: Rachel Killer <rachel.killer@bac-kgari.org>; Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>
Subject: Water Bombing Strategy for Old Growth Forests **Significant cultural information- Butchulla people**

Brief

- Saltwater has varied degrees of saline density associated with seasonal changes on Butchulla Country. Right now the sodium density is high, meaning that for every cup of saltwater taken, you have a higher volume of residual salts in the cup (after the water has evaporated, net weight of residual salt in the cup is of a greater mass).
- Deposition of saltwater on the forest canopy will leave caking salt residues on the leaves, therefore reducing the trees ability to photosynthesise and adequately recover from the trauma of the wildfire event. Any saltwater that reaches the forest floor is anticipated to be suspended within the dense leaf matter and not penetrate into the sub surface soils which may affect the root systems.
- Water bombing efforts - including the use of GEL- were ground proofed by myself on the **Significant cultural information- Butchulla people** today and I am satisfied that the GEL used bears minimal residual effects at this time. Follow up monitoring will be a vital component of our Post Event Surveys and to clinically validate the long term outcomes, for the effects it has had on our Country.

Recommendation

- 3:2:1 drop strategy

3 parts saltwater over a given transect (line, point to point)

2 parts freshwater over same transect to rinse off suspended sodium/saltwater on leaves/crown of vegetation

1 part GEL retardant over same transect to inhibit heat source progression (slow him up)

MUST be done in this sequence and ratio to mitigate long term harm to Butchulla Country.

I have conferred with forest ecologists who are familiar with K'gari, before making these recommendations.

We cannot stop the kirra but we can guide where it goes.

Galangoor nyin (thank you)

Dustyn Currie

Cultural Heritage Officer (K'gari)

Butchulla Aboriginal Corporation

5/107 Boat Harbour Drive

Pialba 4655

P: 07 4124 9144

M: Personal information

culturalheritage@butchullaaboriginalcorporation.org



Date : 20/11/2020 4:55:27 PM
From : "Rachel Killer"
To : "TAPPLY Jenna"
Cc : "DAVIES Matt" , "BULLEY Graeme" , "DARGUSCH Anthony" , "Amanda Jackson"
Subject : RE: BAC Wildfire Support
Attachment : Kgari Fire Assistance Work Brief Team 2 Round 2.docx;image001.png;image004.png;image006.jpg;

Hi all,

Please see attached Fire Assist Work Brief.

Jenna, apologies for the lateness. Please let me know if I've missed anything.

Cheers
Rachel

From: TAPPLY Jenna <Jenna.Tapply@des.qld.gov.au>
Sent: Friday, 20 November 2020 11:07 AM
To: Rachel Killer <rachel.killer@bac-kgari.org>
Cc: DAVIES Matt <Matt.Davies@des.qld.gov.au>; BULLEY Graeme <Graeme.Bulley@des.qld.gov.au>; DARGUSCH Anthony <Anthony.Dargusch@des.qld.gov.au>
Subject: BAC Wildfire Support

Morning Rachel,

Following on from your call this morning I have put **Pers** and **Pers** in at the Dundubara Barracks when they arrive on Monday can you please send me the work/travel sheet (sorry not sure what you call it) when you have a moment/have it completed so I can make sure I allocate accommodation for enough nights.

Any hassles please let me know.

Thanks,
Jenna



Jenna Tapply
Ranger, Community Engagement
Eurong, Kgari (Fraser Island)
Coastal and Island Parks Region
Queensland Parks and Wildlife Service and Partnerships
Department of Environment and Science

P 07 4127 9128 M **Personal**
PMB10, MS2173
Rainbow Beach, QLD, 4581

I acknowledge that Aboriginal Peoples and Torres Strait Islander Peoples are the Traditional Owners of this country and they retain their relationship and connection to the land, sea and community.
I pay my respects to all Traditional Owners, and to the Elders past, present and the future for land and sea on which I work, live and walk.



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Program/Project title: K'gari Fire Assistance – Team 2

Incident Coordinator: TO BE ADVISED

Incident Control Centre K'gari: QPWS Dundabarra Station

Accommodation: QPWS Dundabarra Barracks
Arriving Monday 23/11/2020
Departing K'gari Saturday 28/11/2020

SCOPE: BAC ACTION REQUIRED – BLSR AND/OR COMMUNITY RANGER ASSISTANCE

BAC have been requested to mobilise a second team of 2 personnel, and fire unit to assist to relive Team 1.

All teams BAC/BLSR dispatch, **will have to be self-sufficient for food supplies**

Penalty rates will be applied for any weekend work.

Team 2

Personal information: [redacted] ph [redacted]
[redacted] ph [redacted]

BOOKING: 12079654

NAME: ** BAC** [redacted]
PAX: 1 x Vehicle , driver & passenger
DATE: Monday, 23/11/20

DUTY

Team 2 to travel directly to Dundabarra QPWS Barracks, check in at office for a formal briefing and orientation.

Team 1 to provide a handover to Team 2, particularly relating to familiarisation of the BLSR vehicle and any other matters of importance. Both teams to swap vehicles so that the BLSR vehicle remains on K'gari as the BAC assistance vehicle.

Active shifts in assisting will be;

Tuesday 24/11/20

Wednesday 25/11/20

Thursday 26/11/20

Friday 27/11/20

Team 2 will require a fatigue break overnight on 27/11/20, prior to travel back to mainland on Friday 28/11/20.

EQUIPMENT REQUIRED:

Standard issue fire fighting PPE and equipment.

Maps and other information:

PLEASE NOTE Personal & Personal to return to mainland as per booking below;

BOOKING: 12079654
NAME: ** BAC** Personal information
PAX: 1 x Vehicle , driver & passenger
DATE: Tuesday, 24/11/20
DETAILS: Vehicle barge RH from KBR @ 1330pm

BAC VEHICLE USE:

BAC vehicles and/or the hire vehicles BAC use to undertake works are not to be driven for personal use, unless in an emergency situation.

Please ensure pre-starts are conducted on vehicles ie;

- Check water and oil levels
- Lights and indicators are in working condition
- Tyre check

HOUSEKEEPING:

You are required to clean your accommodation thoroughly prior to your departure on the final day. All rubbish removed, floors swept and/or mopped if required.

Please consider your housemate during your stay and CLEAN UP AFTER YOURSELF

RACHEL KILLER

BAC PROGRAM COORDINATOR

Personal information

Date : 18/11/2020 9:22:43 PM
From : "Rachel Killer"
To : "Chantel Van Wamelen" , "TAPPLY Jenna" , "Amanda Jackson"
Cc : "DAVIES Matt" , "BULLEY Graeme"
Subject : RE: BLSR Crew
Attachment : image001.png;image002.png;image004.jpg;image005.png;image006.jpg;

Noted, thanks Jenna.

From: Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>
Sent: Wednesday, 18 November 2020 7:04 PM
To: TAPPLY Jenna <Jenna.Tapply@des.qld.gov.au>; Rachel Killer <rachel.killer@bac-kgari.org>
Cc: DAVIES Matt <Matt.Davies@des.qld.gov.au>; BULLEY Graeme <Graeme.Bulley@des.qld.gov.au>
Subject: Re: BLSR Crew

Thanks Jenna,

I have notified Person & Person of the change.

Kind regards
Chantel

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From: TAPPLY Jenna <Jenna.Tapply@des.qld.gov.au>
Sent: Wednesday, November 18, 2020 5:37:35 PM
To: Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>; Rachel Killer <rachel.killer@bac-kgari.org>
Cc: DAVIES Matt <Matt.Davies@des.qld.gov.au>; BULLEY Graeme <Graeme.Bulley@des.qld.gov.au>
Subject: RE: BLSR Crew

Hey Chantel & Rachel,

Just an update – the boys will now be based down at Cathedral Beach (sorry plans are pretty fluid at the moment 😊).

They will be in a 2bdr cabin – linen supplied, kitchen in the room, shared amenity block nearby.

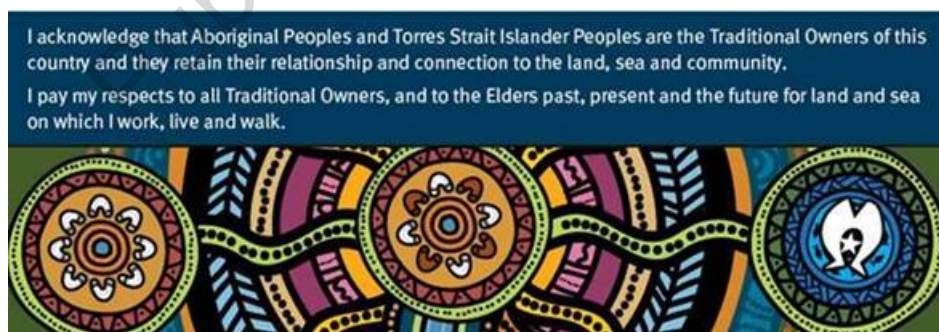
Again, any hassles please let me know.

-Jenna



Jenna Tapply
Ranger, Community Engagement
Eurong, K'gari (Fraser Island)
Coastal and Island Parks Region
Queensland Parks and Wildlife Service and Partnerships
Department of Environment and Science

P 07 4127 9128 M Person
PMB10, MS2173
Rainbow Beach, QLD, 4581



From: Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>
Sent: Wednesday, 18 November 2020 1:42 PM
To: TAPPLY Jenna; Rachel Killer
Cc: DAVIES Matt; BULLEY Graeme
Subject: Re: BLSR Crew

Thanks Jenna,

I will pass this on to [Person] and [Person] and I can confirm they will be travelling home on Monday the 23rd of November 2020.

Kind regards
Chantel

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From: TAPPLY Jenna <Jenna.Tapply@des.qld.gov.au>
Sent: Wednesday, November 18, 2020 1:40:32 PM
To: Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>; Rachel Killer <rachel.killer@bac-kgari.org>
Cc: DAVIES Matt <Matt.Davies@des.qld.gov.au>; BULLEY Graeme <Graeme.Bulley@des.qld.gov.au>
Subject: BLSR Crew

Afternoon Chantel and Rachel,

Confirming that there is accommodation sorted for [Person] and [Person] at the Dundubara Barracks from tomorrow night. The guys will hopefully be aware of what's needed in terms of bedding/food etc. but any hassles let me know.

Can you please just confirm what day they will be travelling home so I can make sure I secure the accommodation for enough nights 😊

Thanks heaps,
Jenna



Jenna Tapply
Ranger, Community Engagement
Eurong, K'gari (Fraser Island)
Coastal and Island Parks Region
Queensland Parks and Wildlife Service and Partnerships
Department of Environment and Science

P 07 4127 9128 M [Person] ahin
PMB10, MS2173
Rainbow Beach, QLD, 4581

I acknowledge that Aboriginal Peoples and Torres Strait Islander Peoples are the Traditional Owners of this country and they retain their relationship and connection to the land, sea and community.

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Date : 18/11/2020 9:15:00 PM
From : "Rachel Killer"
To : "TAPPLY Jenna" , "Chantel Van Wamelen" , "Amanda Jackson"
Cc : "DAVIES Matt" , "BULLEY Graeme"
Subject : RE: BLSR Crew
Attachment : Kgari Fire Assistance Work Brief Team 1 2nd Round.docx;image001.png;image002.jpg;

Hi Jenna,

Please see attached brief, should give you the information you need, that includes Person and Person active and rest shifts. Let me know if I have missed anything.

They are scheduled to have a rest at Dundy Monday night to manage fatigue, and will be returning to the mainland Tuesday 24/11/20.

Regards

Rachel

From: TAPPLY Jenna <Jenna.Tapply@des.qld.gov.au>
Sent: Wednesday, 18 November 2020 1:41 PM
To: Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>; Rachel Killer <rachel.killer@bac-kgari.org>
Cc: DAVIES Matt <Matt.Davies@des.qld.gov.au>; BULLEY Graeme <Graeme.Bulley@des.qld.gov.au>
Subject: BLSR Crew

Afternoon Chantel and Rachel,

Confirming that there is accommodation sorted for Person and Person at the Dundubara Barracks from tomorrow night. The guys will hopefully be aware of what's needed in terms of bedding/food etc. but any hassles let me know.

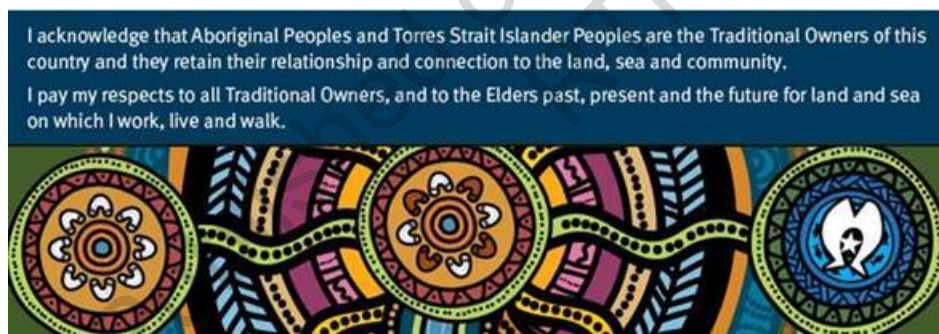
Can you please just confirm what day they will be travelling home so I can make sure I secure the accommodation for enough nights 😊

Thanks heaps,
Jenna



Jenna Tapply
Ranger, Community Engagement
Eurong, K'gari (Fraser Island)
Coastal and Island Parks Region
Queensland Parks and Wildlife Service and Partnerships
Department of Environment and Science

P 07 4127 9128 M Personahin
PMB10, MS2173
Rainbow Beach, QLD, 4581



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Program/Project title: K'gari Fire Assistance – Team 1 2nd Round

Incident Coordinator: Linda Behrendorff
P 07 4127 9128 M Personal information

Inci-dent Control Centre K'gari: QPWS Dundabarra Station

Accommodation: TO BE ADVISED

SCOPE: BAC ACTION REQUIRED – BLSR AND/OR COMMUNITY RANGER ASSISTANCE

As per original QPWS request for fire assistance, BAC to mobilise Team 1 to return to relieve Team 2 (Personal information and Personal information).

Team Leader is responsible to provide a welfare check to either the BLSR Coordinator Chantel, or BAC Program Coordinator Rachel daily.

All teams BAC/BLSR dispatch, **will have to be self-sufficient for food supplies**

Penalty rates will be applied for any weekend work.

Team 1

Personal information

Personal information

BOOKING # 12069502.
NAME: ** BAC ** Personal information
PAX: 1 x Vehicle, driver & passenger
DATE: Thursday, 19 November 2020.
DETAILS: Vehicle ferry RH to KBR@ 0645am
DATE: TBA
DETAILS: TBA

DUTY

Team 1 to travel directly to accommodation. Then travel to QPWS Dundabarra Station for a formal briefing and orientation.

Team 2 to provide a handover to Team 1, particularly relating to familiarisation of the BLSR vehicle and any other matters of importance. Both teams to swap vehicles so that the BLSR white Toyota Landcruiser Utility remains on K'gari as the BAC assistance vehicle.

Active shifts in assisting will be;
Friday 20/11/20
Saturday 21/11/20
Sunday 22/11/20

Monday 23/11/20

Team 1 will require a fatigue break overnight on last active shift on 23/11/20, prior to travel back to mainland on Tuesday 24/11/20.

EQUIPMENT REQUIRED:

Standard issue fire fighting PPE and equipment.

Maps and other information:

RACHEL KILLER

BAC PROGRAM COORDINATOR

Personal information

Date : 3/12/2020 7:15:47 AM
From : "Dustyn Currie"
To : "BULLEY Graeme"
Subject : K'gari forestry maps
Attachment : k'gari - south sheet a1_r.pdf;k'gari - centre sheet r.pdf;k'gari - north sheet a1_r.pdf;

Published on DES Disclosure Log
RTI Act 2009



1 Vine forest.

2 Tall closed forest with canopy over 25% of Sycarpia hilli and/or Tristana conferta. Generally over 30 metres. Vine forest understorey may be present.

3 Carrol "scrub". Low vine forest dominated by Backhousia myrtifolia (carrol). There are usually scattered or clumped emergents which may include Sycarpia hilli, Tristana conferta, Eucalyptus pilularis, Agathis robusta and vine forest species.

3a Carrol scrub with Araucaria cunninghamii as the main emergent.

4 Tall Eucalyptus pilularis forest. Over 26 metres and mostly over 30 metres. Canopy almost entirely formed by Eucalyptus pilularis.

5 Mixed tall eucalyptus forest. Over 25% of canopy formed by trees over 21 metres high. Common species are Eucalyptus signata, Eucalyptus intermedius, Eucalyptus tessellaris, Eucalyptus pilularis, Tristana conferta, Sycarpia hilli, Casuarina torulosa.

5a Low to medium mixed eucalyptus forest. Over 25% of canopy formed by trees over 12 metres and generally less than 22 metres. Common Species, Eucalyptus signata, Eucalyptus intermedius, Eucalyptus tessellaris, Tristana conferta, Callitris columularis.

6 Eucalyptus forest - Melaleuca quinquenervia complex. A "groved" pattern in which lower areas are occupied by clumps or "groves" of variable size, of Melaleuca quinquenervia, which may also occur as scattered trees throughout. Differences in ground height throughout the complex are rarely more than 3 metres. Eucalyptus tereticornis is a common species.

7 Mixed swamp forest. Varies from predominantly Melaleuca quinquenervia or Tristana suavis forest to complex mixtures of those species and Eucalyptus robusta, Eucalyptus tereticornis, Eucalyptus umbra, Casuarina glauca, Livistona australis or Livistona decipiens. Ground cover may be grass or sedges. Soil seasonally waterlogged.

8 Paperbark swamp. A forest of Melaleuca quinquenervia. Ground cover mostly sedges and/or Blechnum indicum. Soil permanently or semi-permanently waterlogged, often with standing surface water for many months at a time.

9 Complex of shrubland plus Melaleuca quinquenervia. Open to closed shrublands in which Melaleuca quinquenervia occurs as a scattered tree emergent.

10 Banksia serratifolia (pyronym Banksia aemula) shrublands and low forest. Mostly shrub communities in which Banksia serratifolia is the dominant canopy species. Also occurs to a lesser extent as low forest in which Banksia serratifolia is a co-dominant canopy species with Eucalyptus signata and Eucalyptus gumifera. Trees over 14 metres mostly less than 25% of canopy.

11 Mixed shrublands. Open to closed shrublands with scattered small areas of grassland, usually in exposed coastal situations. Trees over 16 metres less than 25% of canopy. Banksia serratifolia not common or absent. Common species include Acacia sulcata, Banksia integrifolia, Casuarina equisetifolia, Casuarina littoralis, Tristana conferta, Eucalyptus tessellaris, Petalostigma pubescens, Cupaniopsis anacardioides, Callitris columularis.

12 Swamplands. Generally treeless sedge/land with scattered shrubs. More rarely low shrubland and sedges. Prominent shrub species are Banksia robur and Backhea stenophylla. Soil temporarily or seasonally waterlogged. Includes margins of lakes and lagoons which are covered by fluctuating water levels, and sandy beaches marginal to freshwater.

13 Grassland. Occasional shrubs.

14 Communities of saline soils. Includes mangroves, salt marsh, salt flats.

15 Shallow permanent water bodies ("lagoons") Part or all of the surface may be occupied by emergent vegetation (sedges "reeds" etc.)

16 Permanent open water bodies (lakes).

17 Sandblows and beaches above H.W.M. Note: Sandblows are former Aboriginal Living sites.

Clearings, mined areas, airstrips

Notes

(a) Canopy cover - estimated as vertical projection of the tree crown at ground level.

(b) Aerial Photo Coverage - In all cases typing is based on the condition of the forest as perceived on 1958 aerial photos.

(c) The pattern of sedges, in some lakes and lagoons is subject to change with time. Some water bodies perceived as free of emergent sedges in 1958 have since become covered with growth. In such cases the 1958 condition is shown on the map.

Acacia sulcata
Araucaria cunninghamii
Backhousia myrtifolia
Banksia integrifolia
Banksia robur
Banksia serratifolia
Blechnum indicum
Callitris columularis
Casuarina equisetifolia
Casuarina glauca
Casuarina littoralis
Cupaniopsis anacardioides
Eucalyptus gumifera
Eucalyptus intermedius
Eucalyptus pilularis
Eucalyptus robusta
Eucalyptus signata
Eucalyptus tereticornis
Eucalyptus tessellaris
Eucalyptus umbra
Livistona australis
Livistona decipiens
Melaleuca quinquenervia
Petalostigma pubescens
Sycarpia hilli
Tristana conferta
Tristana suavis

brown salwood
hoop pine
carrol
coast banksia
swamp banksia
wallum banksia
bungwall fern
coast copra pine
beach she-oak
swamp she-oak
black she-oak
beach tamarind
red bloodwood
blackbutt
swamp mahogany
scribbly gum
forest red gum
cabbage tree palm
broad leaved tea tree
quincine bush
satiny
brush box
swamp box

Stalled road - second class
Formed road - gravel surface
Sand road - major
Sand road - minor
Sand road - following old tramline
Old road - following old tramline
Walking trail
Plantation
Sandblows named thus eg. Carool
Beauty spots shown thus eg. Carool

Trig station
State Forest
National Park
Timber Reserve
Detailed yield plot eg. FRED
Permanent inventory plot eg. FRED
Experimental plot hardwood series eg. FRED
Experimental plot Fraser Island series eg. FRED
Logging area or block boundary
Note: Logging areas sub-divided into compartments. Logging blocks in the parishes of Moorbi etc. have outside areas E and W - east and west in each case.

SCALE 1 : 50 000

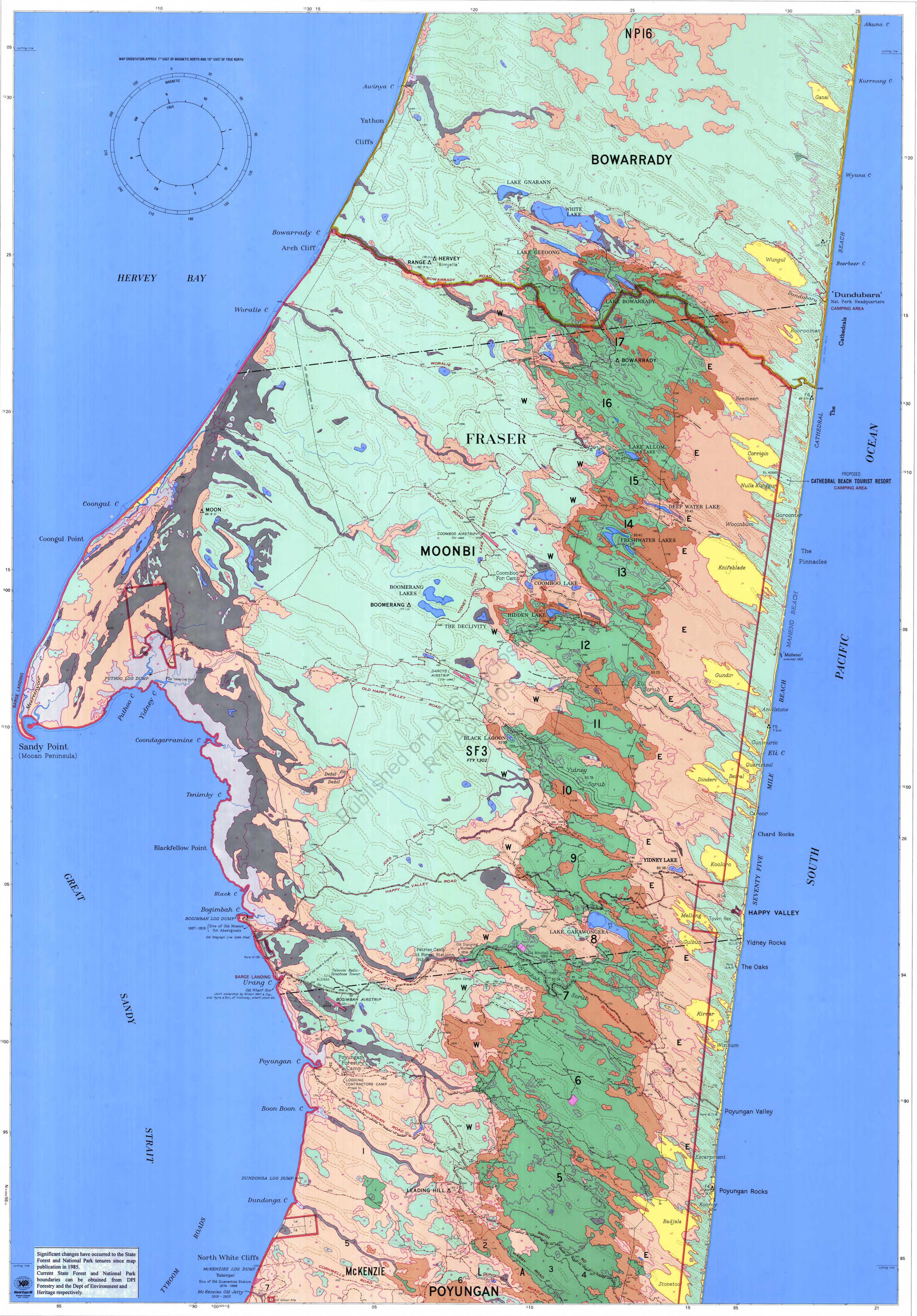
Department of Forestry, Queensland
Cartographer J.A. Craig, 1979
Revised December 1985
Vegetation typing by J.P. Stanton, National Parks and Wildlife Service
Printed at Government Printing Office, Brisbane
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REFER TO THIS MAP AS
FORESTRY
EDITION 2
FRASER ISLAND
SOUTH SHEET
1 : 50 000

Grid lines can be drawn across the face of this map by joining grid marks shown in the border. Grid lines indicate 1000 metre intervals of the Australian Map Grid, Zone 56. Grid values are shown in full only at the south west corner of the map.

Transverse Mercator Projection: Australian Geodetic Datum 1986

Feature survey by Sur. C.E. White 1912
Tramline roads and compartment surveys by D. Markwell 1920/21
Class 2 survey by N.D. Allom 1922/23
Compartment and road surveys by T. Nicholls 1938/9, F.D. Cooper, V.E. Eckert, G. Wex and others intermittently from 1950 to 1970
Inventory surveys by R. Nelson 1952, D.M. Wilson 1954, R. Pegg 1958, C. Ward 1978



1 Vine forest.

2 Vine forest plus emergent *Arcaucaria cunninghamii*.

3 Tall closed forest with canopy over 25% of *Syncarpia hillii* and/or *Tristania conferta*. Generally over 30 metres. Vine forest understorey may be present.

3a Carol "scrub". Low vine forest dominated by *Backhousia myrtifolia* (carol). There are usually scattered or clumped emergents which may include *Syncarpia hillii*, *Tristania conferta*, *Eucalyptus pilularis*, *Agathis robusta* and vine forest species.

3a Carol scrub with *Arcaucaria cunninghamii* as the main emergent.

4 Mixed tall *Eucalyptus pilularis* forest. Over 26 metres and mostly over 30 metres. Canopy almost entirely formed by *Eucalyptus pilularis*.

5 Mixed tall *Eucalyptus pilularis* forest. Over 25% of canopy formed by trees over 21 metres high. Common species are *Eucalyptus signata*, *Eucalyptus intermedia*, *Eucalyptus tenebrosa*, *Eucalyptus tessellata*, *Eucalyptus pilularis*, *Tristania conferta*, *Syncarpia hillii*, *Casuarina torulosa*.

5a Low to medium mixed *Eucalyptus pilularis* forest. Over 25% of canopy formed by trees over 12 metres and generally less than 22 metres. Common species are *Eucalyptus signata*, *Eucalyptus intermedia*, *Eucalyptus tessellata*, *Eucalyptus pilularis*, *Tristania conferta*, *Callicoma columellaris*.

6 *Eucalyptus* forest - *Melaleuca quinquenervia* complex. A "grove" pattern in which lower areas are occupied by clumps or "groves" of variable size, of *Melaleuca quinquenervia*, which may also occur as scattered trees throughout. Differences in ground height throughout the complex are rarely more than 3 metres. *Eucalyptus tenebrosa* is a common species.

7 Mixed swamp forest. Varies from predominantly *Melaleuca quinquenervia* or *Tristania suavelens* forest to complex mixtures of those species and *Eucalyptus robusta*, *Eucalyptus tenebrosa*, *Eucalyptus umbra*, *Casuarina glauca*, *Livistona australis* or *Livistona decapens*. Ground cover may be grass or sedges. Soil is occasionally waterlogged.

8 Paperbark swamp. A forest of *Melaleuca quinquenervia*. Ground cover mostly sedges and/or *Blechnum indicum*. Soil permanently or semi-permanently waterlogged, often with standing surface water for many months at a time.

9 Complex of shrubland plus *Melaleuca quinquenervia*. Open to closed shrubland in which *Melaleuca quinquenervia* occurs as a scattered tree emergent.

10 *Banksia serratifolia* (synonym *Banksia aemula*) shrublands and low forest. Moistly shrub communities in which *Banksia serratifolia* is the dominant canopy species. Also occurs to a lesser extent as low forest in which *Banksia serratifolia* is a co-dominant canopy species with *Eucalyptus signata* and *Eucalyptus gumifera*. Trees over 14 metres mostly less than 25% of canopy.

11 Mixed shrublands. Open to closed shrublands with scattered small areas of grassland, usually in exposed coastal situations. Trees over 14 metres less than 25% of canopy. *Banksia serratifolia* not common or absent. Common species include *Acacia auarocarpa*, *Banksia integrifolia*, *Casuarina squarrosa*, *Casuarina littoralis*, *Tristania conferta*, *Eucalyptus tessellata*, *Petalostigma pubescens*, *Cupanopsis anacardioides*, *Callitris columellaris*.

12 Swamplands. Generally treeless sedge/land with scattered shrubs. More rarely low shrubland and sedges. Prominent shrub species are *Banksia robur* and *Banksia stenophylla*. Soil temporarily or seasonally waterlogged. Includes margins of lakes and lagoons which are covered by fluctuating water levels, and sandy beaches marginal to freshwater.

13 Grassland. Occasional shrubs.

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Clearings, mined areas, airstrips

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Acacia auarocarpa
Arcaucaria cunninghamii
Backhousia myrtifolia
Banksia integrifolia
Banksia robur
Banksia serratifolia
Blechnum indicum
Callitris columellaris
Casuarina squarrosa
Casuarina glauca
Casuarina littoralis
Cupanopsis anacardioides
Eucalyptus gumifera
Eucalyptus intermedia
Eucalyptus pilularis
Eucalyptus robusta
Eucalyptus signata
Eucalyptus tenebrosa
Eucalyptus tessellata
Livistona australis
Livistona decapens
Melaleuca quinquenervia
Petalostigma pubescens
Syncarpia hillii
Tristania conferta
Tristania suavelens

brown salwood
hoop pine
candoh
coast banksia
swamp banksia
wulm banksia
bungwall fern
coast cypress pine
beach she-oak
black she-oak
beach lantana
red bloodwood
red bloodwood
blackbutt
swamp mahogany
scribbly gum
forest red gum
carbeen
cabbage-tree palm
broad-leaved tree-fern
quinnie bush
satinay
brush box
swamp box

Sealed road second class
Formed road gravel surface
Sand road major
Sand road minor
Old road
Following old tramline
Following old tramline
Following old tramline
Plantation
Sandblows named thus eg. Caroor
Beauty spots shown thus eg. B545

Trig station
State Forest
National Park
Timber Reserve
Detailed yield plot eg. 14/33
Permanent inventory plot eg. 14/33
Experimental plot hardwood series eg. 14/33
Experimental plot Fraser Island series eg. 14/33
Logging area or block boundary

Note: Logging areas sub-divided into compartments. Logging blocks in the parishes of Moonbi etc. have outside areas E and W - east and west - in each case.

SCALE 1 : 50 000

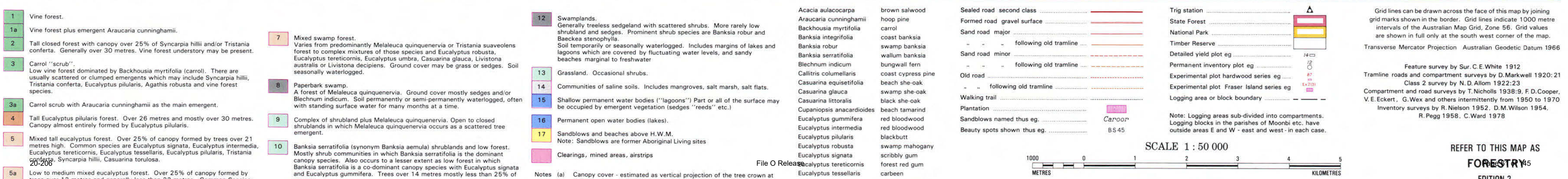
1000 0 1 2 3 4 5
METRES KILOMETRES

Department of Forestry, Queensland
Cartographer J.A. Craig, 1979
Revised December 1985
Vegetation typing by J.P. Stanton, National Parks and Wildlife Service
Printed at Government Printing Office, Brisbane
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Grid lines can be drawn across the face of this map by joining grid marks shown in the border. Grid lines indicate 1000 metre intervals of the Australian Map Grid, Zone 56. Grid values are shown in full only at the south west corner of the map. Transverse Mercator Projection Australian Geodetic Datum 1966

Feature survey by Sur. C.E. White 1912
Class 2 survey by N.D. Allen 1922-23
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Inventory surveys by R. Nielson 1952, D.M. Wilson 1954, R. Page 1958, C. Ward 1978

REFER TO THIS MAP AS
FORESTRY
EDITION 2
FRASER ISLAND
CENTRAL SHEET
1 : 50 000



Date : 1/12/2020 6:08:47 AM
From : "TAPPLY Jenna"
To : "BULLEY Graeme"
Subject : Dustyn Currie e-mail address
Attachment : image001.png;image002.png;image003.jpg;

ch@bac-kgari.org



Jenna Tappla
Ranger, Community Engagement
Eurong, K'gari (Fraser Island)
Coastal and Island Parks Region
Queensland Parks and Wildlife Service and Partnerships
Department of Environment and Science

P 07 4127 9128 M **Personal**
PMB10, MS2173
Rainbow Beach, QLD, 4581

I acknowledge that Aboriginal Peoples and Torres Strait Islander Peoples are the Traditional Owners of this country and they retain their relationship and connection to the land, sea and community.
I pay my respects to all Traditional Owners, and to the Elders past, present and the future for land and sea on which I work, live and walk.



Date : 1/12/2020 9:47:46 AM
From : "BULLEY Graeme"
To : "KILLEN Tim"
Subject : Fwd: Water Bombing Strategy for Old Growth Forests **Significant cultural information- Butchulla people**
Attachment : image001.jpg;

Graeme Bulley
QPWS North Stradbroke Island
Phone **Personal information**
Sent from my iPhone

Begin forwarded message:

From: Veronica Bird <**Personal information**>
Date: 1 December 2020 at 9:45:10 am AEST
To: SEELEITHER Jamie <Jamie.Seeleither@des.qld.gov.au>, BULLEY Graeme <Graeme.Bulley@des.qld.gov.au>
Subject: Fw: Water Bombing Strategy for Old Growth Forests **Significant cultural information- Butchulla people**

Hi Jamie & Graeme,

Could you please forward the email below to IMT 'URGENTLY' relating to the on ground works by QFES for the **Significant cultural info** today.

Kind Regards

Veronica

— Forwarded message —

From: Dustyn Currie <dustyn.currie@bac-kgari.org>
To: Veronica VB. Bird <**Personal information**>; Amanda Jackson <amanda.jackson@bac-kgari.org>; General Manager <gm@bac-kgari.org>
Cc: Rachel Killer <rachel.killer@bac-kgari.org>; Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>
Sent: Monday, 30 November 2020, 09:55:59 pm AEST
Subject: RE: Water Bombing Strategy for Old Growth Forests **Significant cultural information- Butch**

My apologies to all recipients of this email.

This communication was intended for our line of command (Veronica) for her consideration as our primary line of comms and for her direction.

I apologise if I have erred in this instance and await your instruction, Veronica.

Dustyn

From: Dustyn Currie
Sent: Monday, 30 November 2020 9:28 PM
To: Veronica VB. Bird <**Personal information**>; Amanda Jackson <amanda.jackson@bac-kgari.org>; General Manager <gm@bac-kgari.org>
Cc: Rachel Killer <rachel.killer@bac-kgari.org>; Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>
Subject: Water Bombing Strategy for Old Growth Forests **Significant cultural information- Butch**

Brief

- Saltwater has varied degrees of saline density associated with seasonal changes on Butchulla Country. Right now the sodium density is high, meaning that for every cup of saltwater taken, you have a higher volume of residual salts in the cup (after the water has evaporated, net weight of residual salt in the cup is of a greater mass).
 - Deposition of saltwater on the forest canopy will leave caking salt residues on the leaves, therefore reducing the trees ability to
- 20-206 File O Release Page 63 of 145

photosynthesise and adequately recover from the trauma of the wildfire event. Any saltwater that reaches the forest floor is anticipated to be suspended within the dense leaf matter and not penetrate into the sub surface soils which may affect the root systems.

- Water bombing efforts - including the use of GEL- were ground proofed by myself on the Bogimbah Mission site today and I am satisfied that the GEL used bears minimal residual effects at this time. Follow up monitoring will be a vital component of our Post Event Surveys and to clinically validate the long term outcomes, for the effects it has had on our Country.

Recommendation

- 3:2:1 drop strategy

3 parts saltwater over a given transect (line, point to point)

2 parts freshwater over same transect to rinse off suspended sodium/saltwater on leaves/crown of vegetation

1 part GEL retardant over same transect to inhibit heat source progression (slow him up)

MUST be done in this sequence and ratio to mitigate long term harm to Butchulla Country.

I have conferred with forest ecologists who are familiar with K'gari, before making these recommendations.

We cannot stop the kirra but we can guide where it goes.

Galangoor nyin (thank you)

Dustyn Currie

Cultural Heritage Officer (K'gari)

Butchulla Aboriginal Corporation

5/107 Boat Harbour Drive

Pialba 4655

P: 07 4124 9144

M: Personal Inform

culturalheritage@butchullaaboriginalcorporation.org



Date : 16/10/2020 11:04:51 AM
From : "SEELEITHER Jamie"
To : "culturalheritage@butchullaaboriginalcorporation.org"
Subject : FW: K'gari Fire Update
Attachment : image001.png;image002.png;image003.png;

From: SEELEITHER Jamie
Sent: Friday, 16 October 2020 8:32 AM
To: Veronica Bird; MELLISSA FOLEY
Subject: K'gari Fire Update

Hello Veronica and Mellissa

Just a quick fire update. The fire has made it across the island to the western beach. QPWS and Rural crews will continue to monitor its progress. Campers have been relocated from north of the fire on the eastern Beach.



Regards

Jamie Seeleither
A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships
Department of Environment and Science
P (07) 54596130 | M **Personal** | E:jamie.seeleither@des.qld.gov.au
12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work,Live and walk.

Date : 20/11/2020 11:24:44 AM

From : "SEELEITHER Jamie"

To : "Rachel Killer"

Subject : FW: BAC efforts arising from the Wild Fire (next 2 weeks)

Attachment : Kgari Ancillary Support Team Work Brief.docx;image003.png;image004.png;image001.png;image005.png;

Rachel

How are you?

I have emailed Amanda regarding the BAC Community Rangers .

Good for a crew of two to help out the southern Management unit at Eurong for next week (we will have to confirm the following week as it may depend on the fire). Accommodation will be at the Visitor house at Eurong.

Peter/ John have just put together this brief (and its very brief).

Can you confirm names of the crew please?

Happy to talk as well.

Thanks

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

From: General Manager <gm@bac-kgari.org>

Sent: Friday, 20 November 2020 11:15 AM

To: SEELEITHER Jamie

Cc: Rachel Killer

Subject: Re: BAC efforts arising from the Wild Fire (next 2 weeks)

I have forwarded this to Rachel but please communicate directly with each other regarding daily operation activities as needed

Thanks so much

Amanda

Sent from [Outlook Mobile](#)

From: SEELEITHER Jamie <jamie.seeleither@des.qld.gov.au>

Sent: Friday, November 20, 2020 11:10:23 AM

To: General Manager <gm@bac-kgari.org>

Cc: Rachel Killer <rachel.killer@bac-kgari.org>

Subject: RE: BAC efforts arising from the Wild Fire (next 2 weeks)

Thanks Amanda

Do you need me to talk to Rachel regarding the work next week for the BAC crew?

Cheers

Jamie

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

From: General Manager <gm@bac-kgari.org>
Sent: Friday, 20 November 2020 11:09 AM
To: SEELEITHER Jamie
Subject: Re: BAC efforts arising from the Wild Fire (next 2 weeks)

Thanks Jamie

Sent from [Outlook Mobile](#)

From: SEELEITHER Jamie <Jamie.Seeleither@des.qld.gov.au>
Sent: Friday, November 20, 2020 11:03:44 AM
To: General Manager <gm@bac-kgari.org>
Subject: RE: BAC efforts arising from the Wild Fire (next 2 weeks)

Amanda

Thank you for that.

The ancillary crew will be working on QPWS directed off fire duties (mainly to do with visitor facility maintenance and visitor briefings) and crews maybe split up to work with one QPWS officer. They will report to the Ranger in Charge / 2IC at Eurong. (John Green or Malcolm Burns) Because of the accommodation limitations and patrolling with QPWS we can only take **two people** per week.

I will delve into the other items with Marc and the IMT as haven't been privy to those

Regards

From: General Manager <gm@bac-kgari.org>
Sent: Friday, 20 November 2020 9:22 AM
To: SEELEITHER Jamie
Subject: BAC efforts arising from the Wild Fire (next 2 weeks)

Dear Jamie

As discussed with you yesterday: I confirm BAC has agreed to supply Ancillary support over the next 2 weeks on the usual payment agreement with QPWS.

Due to accommodation constraints (at Eurong base) this will be team 4 males next week and a team of 4 females the week after.

I confirm we have agreed to continue to supply our fire crews in rotation on the usual payment agreement.

I confirm we have engaged Person to provide cultural heritage research support to Dustyn and Person in the field. Part of Dustyn's work is covered by the Grant and part will be billed to QPWS along with Person and Person hours incurred as a result of this fire.

BAC has now been welcomed to the IMT and this will be undertaken by myself and Rachel in rotation. I arrive Saturday afternoon. I understand Dundubara base has accommodation for me. This work is beyond Rachel's grant so that will be billed along with my time and expenses.

Please let me know if there is anything we need to discuss further.

Biralunbar Galangoor (Many Thanks)
Amanda Jackson
General Manager
Butchulla Aboriginal Corporation
5/107 Boat Harbour Drive
PIALBA QLD 4655
07 4124 9144
amanda.jackson@bac-kgari.org



What is good for the land must come first
Do not touch or take anything that does not belong to you
If you have plenty you must share

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Program/Project title: K'gari Southern Management Team (SMU) – Support

November 23 to December 2 2020

Event Coordinator: QPWS&P

Location: K'GARI - SMU

Accommodation: QPWS&P - Eurong Base House

SCOPE:

COMMUNITY RANGER ASSISTANCE

- To assist in the day to day operations in the Southern Management Unit.
- The assistance will include but is not limited to, visitor facilities management (cleaning toilets), campground checks, visitor safety briefings and assisting in wongari patrols.
- Briefings and patrolling will be undertaken with a QPWS&P ranger.

All teams BAC dispatch, will have to provide all food, PPE, water bottles, and bedding supplies

SAFETY

The team are required to adhere to the following;

- To follow all Ranger In Charge/2IC and Team Leader instructions. (John Green/ Malcolm Burns)
- To conduct a toolbox or safety talk at the start of each shift. The toolbox talk should include an assessment of hazards they may encounter for the shift.
- **Toolbox talk must include a discussion on the shift "Safety Retreat Plan", and provide staff updated wildfire conditions**
- **Team Leader is responsible to provide a welfare check to either the BAC General Manager or BAC Program Coordinator (numbers below), daily.**
- Where possible, the use of QPWS hand-held 2-way radios to maintain communications.
- Drive to conditions at all times
- Stop work if it is not safe
- Manage
 - Fatigue
 - Hydration levels

- Beware of wildlife – in particular, distressed wildlife

EQUIPMENT REQUIRED:

Standard PPE – steel capped Boots, Hat, sun protection, water bottles

Amanda Jackson BAC General Manager

Rachel Killer BAC Program Coordinator

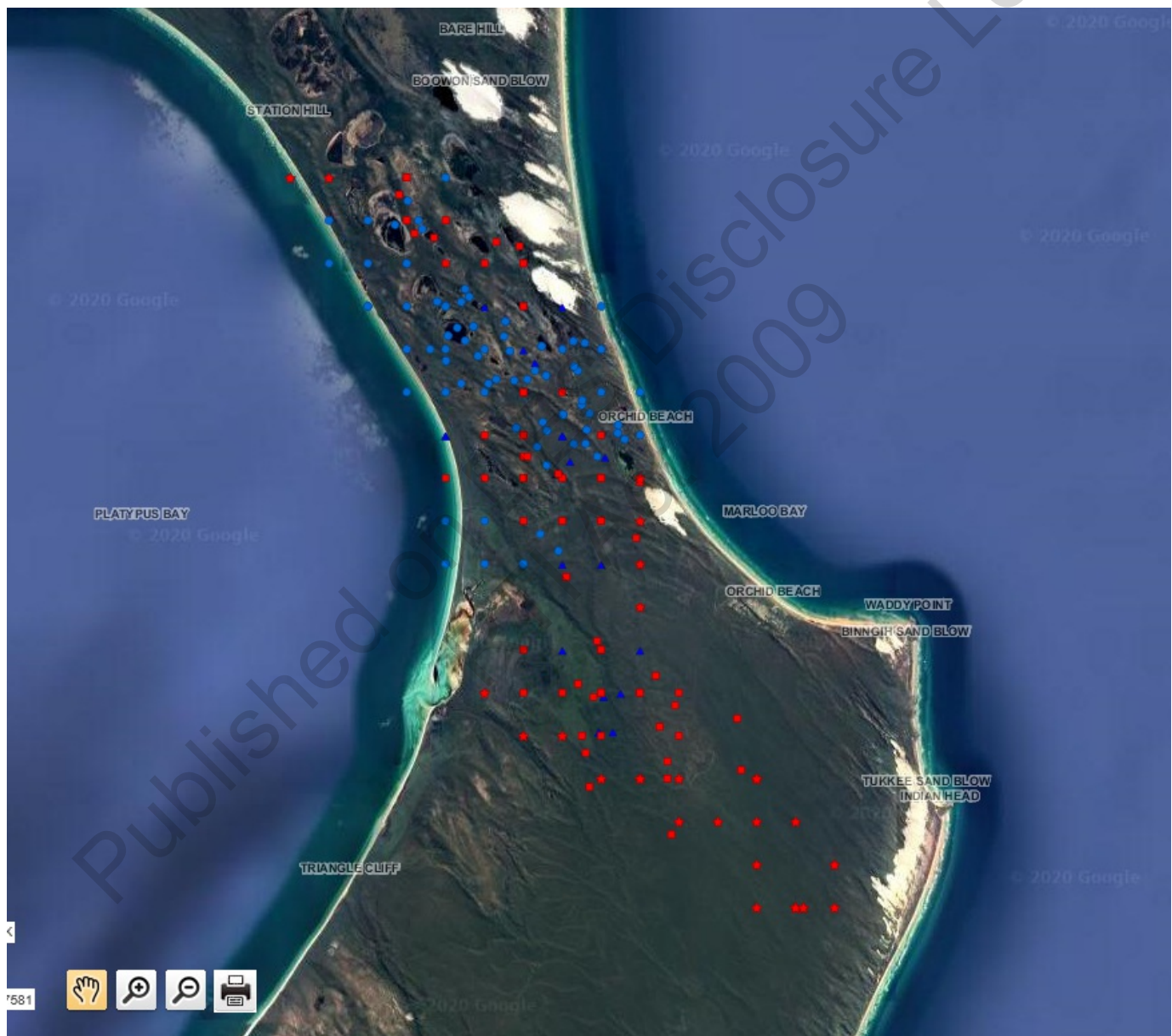
Personal information

Date : 14/12/2020 2:06:28 PM
From : "SEELEITHER Jamie"
To : "SEELEITHER Jamie"
Subject : FW: K'gari Fire Update_Mellissa
Attachment : image001.png;image002.png;image003.png;

From: SEELEITHER Jamie
Sent: Tuesday, 20 October 2020 10:40 AM
To: 'MELLISSA FOLEY'; Veronica Bird
Subject: RE: K'gari Fire Update

Mellissa/ Veronica

See if the map comes through this time.
It is below.



Regards

Jamie Seeleither
A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M [Personal information](#) | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

From: MELLISSA FOLEY [Personal information](#)

Sent: Tuesday, 20 October 2020 10:36 AM

To: SEELEITHER Jamie; Veronica Bird

Cc: joyce@butchullaaboriginalcorporation.org

Subject: Re: K'gari Fire Update

thanks Jamie for the update - but there was no map attached

mellissa

----- Original Message -----

From: "SEELEITHER Jamie" <jamie.seeleither@des.qld.gov.au>

To: "Veronica Bird" <[Personal information](#)>; "MELLISSA FOLEY" <[Personal information](#)>

Cc: "joyce@butchullaaboriginalcorporation.org" <joyce@butchullaaboriginalcorporation.org>

Sent: Tuesday, 20 Oct, 2020 At 8:03 AM

Subject: K'gari Fire Update

Veronica and Mellissa

Please see below an updated map of where the fire has got to on K'gari.

(On this map red stars indicate most recent fire)

- The objective for the next couple of days is to ensure Orchid beach Township is protected and then the areas such as, Waddy Point, champagne Pools area and Tukke Wurroo.
- The winds forecast for the next couple of days are favourable coming from the south east.
- Presently there is an IMT set up at Dundubara with both QPWS and QFES personnel.
- There are both QPWS and QFES Rural crews on the fire.
- Accommodation in the area remains an issue.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal** | E jamie.seeleither@des.qld.gov.au

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Date : 17/11/2020 12:23:00 PM
From : "SEELEITHER Jamie"
To : "Rachel Killer" , "Amanda Jackson" , "Veronica Bird"
Cc : "DARGUSCH Marc"
Subject : FW: Some Urgent requests from the K'gari Fire IMT
Attachment : image001.png;image002.png;image005.png;

Hello All

I have sought some clarification on locations and there are the lakes that the IMT would like to be able to utilise for helicopter bucketing of the fire.

- Boomerang
- Hidden Freshwater
- Coomboo
- Black Lagoon
- Babrook Lagoon
- Deepwater

Even as far away as Bowarrady, Geeoong and White.

Let me know your view on this request, and any conditions. Thank you for the considering the request.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

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I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

From: SEELEITHER Jamie

Sent: Tuesday, 17 November 2020 10:51 AM

To: Rachel Killer; Amanda Jackson

Subject: Some Urgent requests from the K'gari Fire IMT

Rachel/ Amanda

The IMT for the fire has asked me several questions regarding the management of the fire to ask BAC

1. Can they (the IMT of the fire) utilise a lake on the island to fill up with water with helicopters to use directly on the fire

The specific request is for the Helitak to be able to refill out of a nearby lake on the island – nearby to where they are dropping. The reasons for this are

- Alternatives are to pick up water from:
 - East Booral on the mainland
 - Significant reduction in amount of drops due to increased turn round times
 - Significant increase in fuel use during ferrying.
 - Use collar tank on the island
 - Helipad needs to be a minimum of 30 metres diameter with a gradual departure path for the chopper to depart under load, and
 - Accessible to a water source capable of sustaining up to 36,000 litres per hour for up to 5 hours
 - Cathedral Beach – too small
 - Happy Valley
 - LZ large enough (AW139 EMQ uses the pad)
 - Water supply – seriously challenged (Bore 3,500 litres per hour)
 - Would need to check with QAS re closing the LZ to Aeromed evac as a consequence

▪ Orchid Beach

- Side of airstrip without impact Fixed Wing Operations.
- I understand there is adequate bore flow but confirmation would be good

Protocols

- **Belly tank could be cleansed prior to departure for Fraser Island**
- **If contamination is a concern then no use of gel etc, however this would reduce drop persistence from 3 hours to 20 minutes max depending on local weather conditions**

Overall the ability to use a nearby lake would increase the effectiveness of Helitak operations by:

- Significantly reducing turn round time between drops
- Increasing litres per hour delivered, and
- Increased likelihood of success in pulling up any spot overs

2. The provision of a cultural advisor to work with a grooming machine Significant cultural information - Butchulla people **as a road to back burn from.**

Is Dustyn still on the Island and is he the logical choice??

I will ring Rachel to discuss now or it can be discussed in the 11 am meeting with Amanda.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au
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Date : 30/11/2020 9:37:35 AM
From : "SEELEITHER Jamie"
To : "Amanda Jackson"
Subject : K'gari Fire Recovery Effort
Attachment : image001.png;image002.png;

Amanda

It seems strange with the fire still burning on K'gari but we are getting asked to provide some input for what a recovery process may look like.

QPWS are looking at a three pronged recovery process

- Cultural assessment – lead by BAC with co-ordination from GSA Cultural Unit.
- Environmental assessment – Central office aligned with GSA Operations Support Unit.
- Tourism recovery – GSA K'gari Operations Unit co-ordination with assist from where-ever it can come from.

With this in mind I have been asked to cost out what the cultural impact assessment from the fires may entail.

I am happy to discuss but was thinking along the lines of 2 crews of two people (wages / accommodation/ vehicle hire/ barges /TA) for two months to conduct an assessment. What do you think?

Happy if you need to have a talk with Rachel/ Dustin and Veronica/ **Persona** as well but I am required to provide an initial response by 11 am today. Also happy if you would like to discuss.

Cheers

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Persona** | E: jamie.seeleither@des.qld.gov.au

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Date : 30/11/2020 3:52:32 PM

From : "SEELEITHER Jamie"

To : "Veronica Bird" , "Melissa Foley (Personal information - person)" , "Amanda Jackson"

Cc : "Rachel Killer" , "ch@bac-kgari.org"

Subject : K'gari Fire Update

Attachment : image001.png;image003.png;image005.png;image004.png;

Afternoon All

Please find attached the K'gari Fire Update

Fire Location and Behavior

WEST division

- Fire on north of Smith Poyungan breached line at 10am under a northerly influence, did not travel in a southerly direction as expected.
- Fire is currently travelling along the north side of Smith/ Poyungan Road under northwesterly influence, currently ~3km east of western beach.

EAST division

- Fire at Cathedral has travelled south around the back of the dunes, pushed west to beach under northwesterly influence. Fire impacted K'gari Camp at 4pm yesterday, this was suppressed using air support as of last light (Sunday 29/11) no assets reported lost at time of this report.
- Fire heal current moving in northerly direction towards Cathedral, head continuing to travel south.
- Priority remains the protection of life and property – particularly the communities of Kingfisher Bay Resort (KFBR) and Happy Valley.
- Fire control lines remain difficult to traverse due to dryness of the sand. Visitor and fire crew welfare will be considered in all movements around the island.

Fire Fighting Efforts

Kingfisher Division

- Crews remain positioned within KFBR and continue liaising with Resort Management to strengthen control lines and assist with the resort closure plans.
- Closure of the Kingfisher resort has commenced. Crews continue to remove fuels surrounding structures to better prepare for and defensive actions.
- Monitoring of fire conditions and preparation for asset protection continues.

Happy valley Division

- Crews continue to identify any assets and protect Happy Valley community.
- Crews continue to monitor and provide advice to public within the sector. Crews continue to sweep tracks and prevent access to closed areas. Pre-planning continues on strategies for asset protection for Eli Creek and Happy Valley.

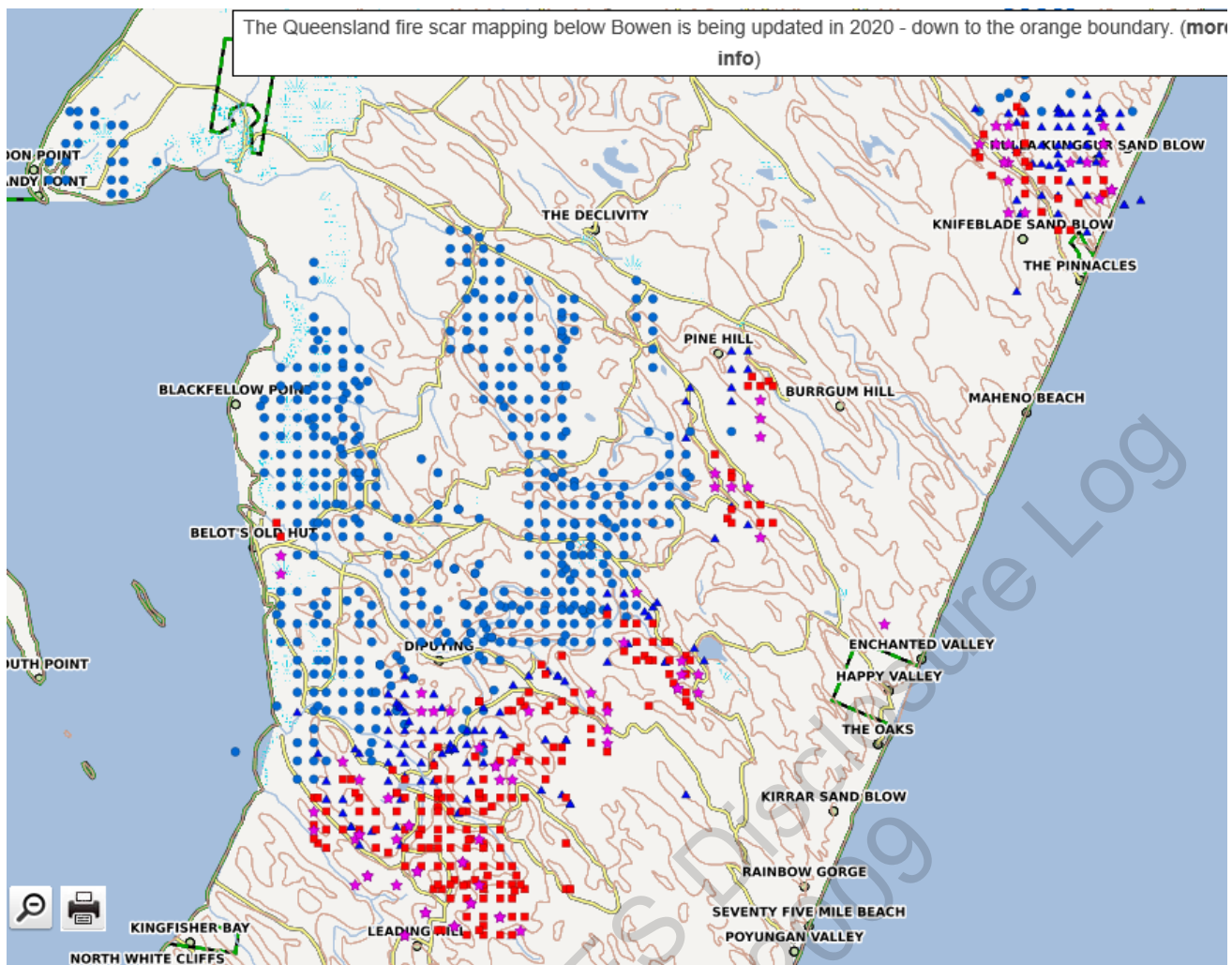
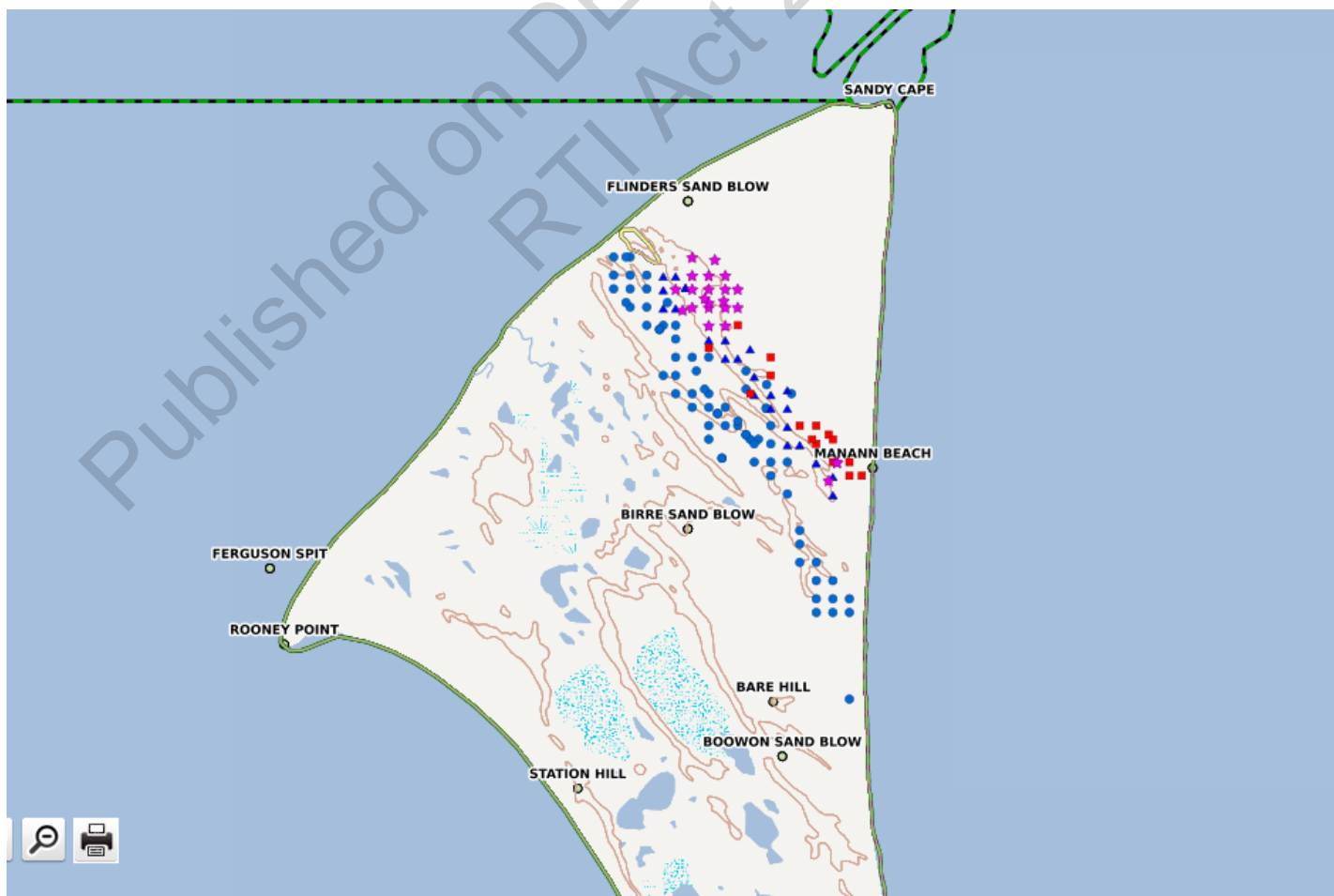
Eastern Division

- In cooperation with QPS crews are enforcing exclusion of all unauthorised traffic/public effective as 12am Sunday 29/11/2020 accessing inland road off eastern beach North of Eurong.
- Crews are working with HAPPY VALLEY Division on protection of Cathedral Beach resort and K'gari campground.
- Crews will secure all assets from Eli Creek to Cathedral in preparation for possible fire impact. Inc Eli creek infrastructure.

Western Division

- Crews are monitoring fire progress north and south of Smith-Poyungan Road. Assisted QPS in removing visitors and closing tracks down to Wanggoolba / Eurong fire break.
- Crews will focus on preparation of assets for possible fire impact over following 4 days.
- Crews are to be restricted from operating to the active fire edge (crews to remain on east of any potential breach with clear escape routes to eastern beach).

FIRE RESOURCE SUMMARY	
	ALLOCATED
Personnel	73
Combatant vehicles	30
Aircraft (FW/R)	5
IMT staff	16
Support	



Note: Purple stars are most recent active fire.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal info** | E: jamie.seeleither@des.qld.gov.au

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Date : 17/11/2020 7:55:16 AM
From : "SEELEITHER Jamie"
To : "Veronica Bird" , "Mellissa Foley"
Cc : "Rachel Killer" , "ch@bac-kgari.org"
Subject : K'gari Fire Update
Attachment : image001.png;image003.png;image004.png;image005.png;
All
Please find attached the fire update from yesterday afternoon.

Weather conditions: Moderate winds (~20-27 km/hr) from NNE to mud afternoon Easterlies from 21:00 predicted by SABRE.

Sector breakdown:

North Sector (Sandy Cape)

- Fire at Sandy Cape still estimated by air observers yesterday to be several days from the lighthouse. Main fire has a 5.6km front moving easterly south of Lk Maroong easterly towards North Ngkala, flanking traveling towards Browns rocks- air observations to be completed every second day at Sandy cape. Next due Wed.
- Watch and wait – preparing crews for securing infrastructure mid-end of week (3 crews).

South-east sector (currently 1km nth Cathedrals)

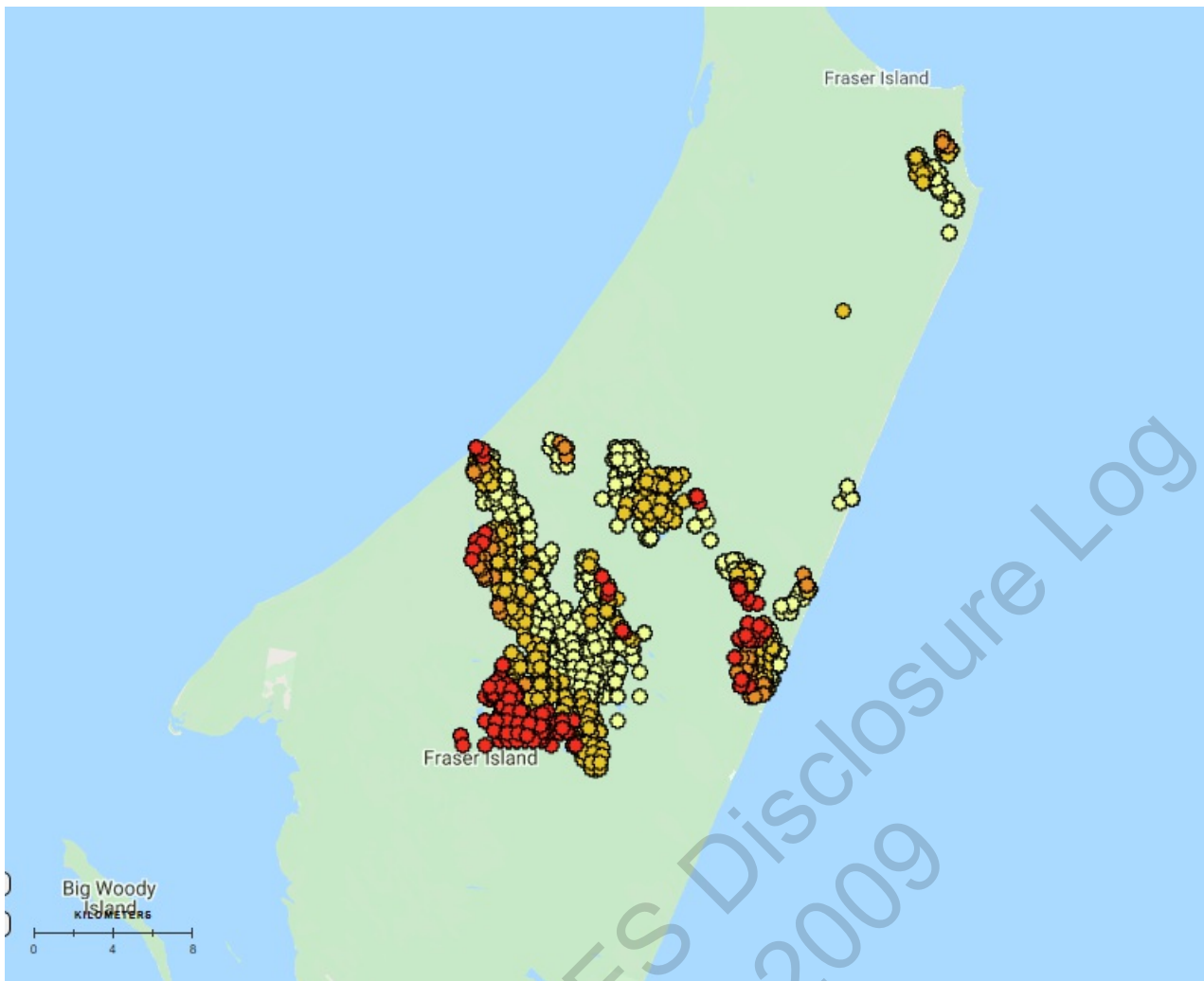
- Fire remains 500m north of Cathedral beach. Due to topography, fuel variations and NE influence it has moved closer to Cathedrals. Active fire visible from beachfront.
- QFES Water and gel bombing activities commenced from 15:00 today slowing the progression and heading the northern front into the dune. It is still predicted to come around from the west, around the sand dune.
- Back burning northern edge of Cathedrals outer fire break will be attempted on the SE change tomorrow.
- RFS 12,000 ltr collar tank setup at Cathedral Beach helipad – currently full of water and bore tank at cathedrals quick fill is full this morning.
- Overgrown break reopened 1.5 blade width (prev 4 blade) from Nulla Kunggur SB to the Cathedral's western FB.
- PSPA remains deactivated

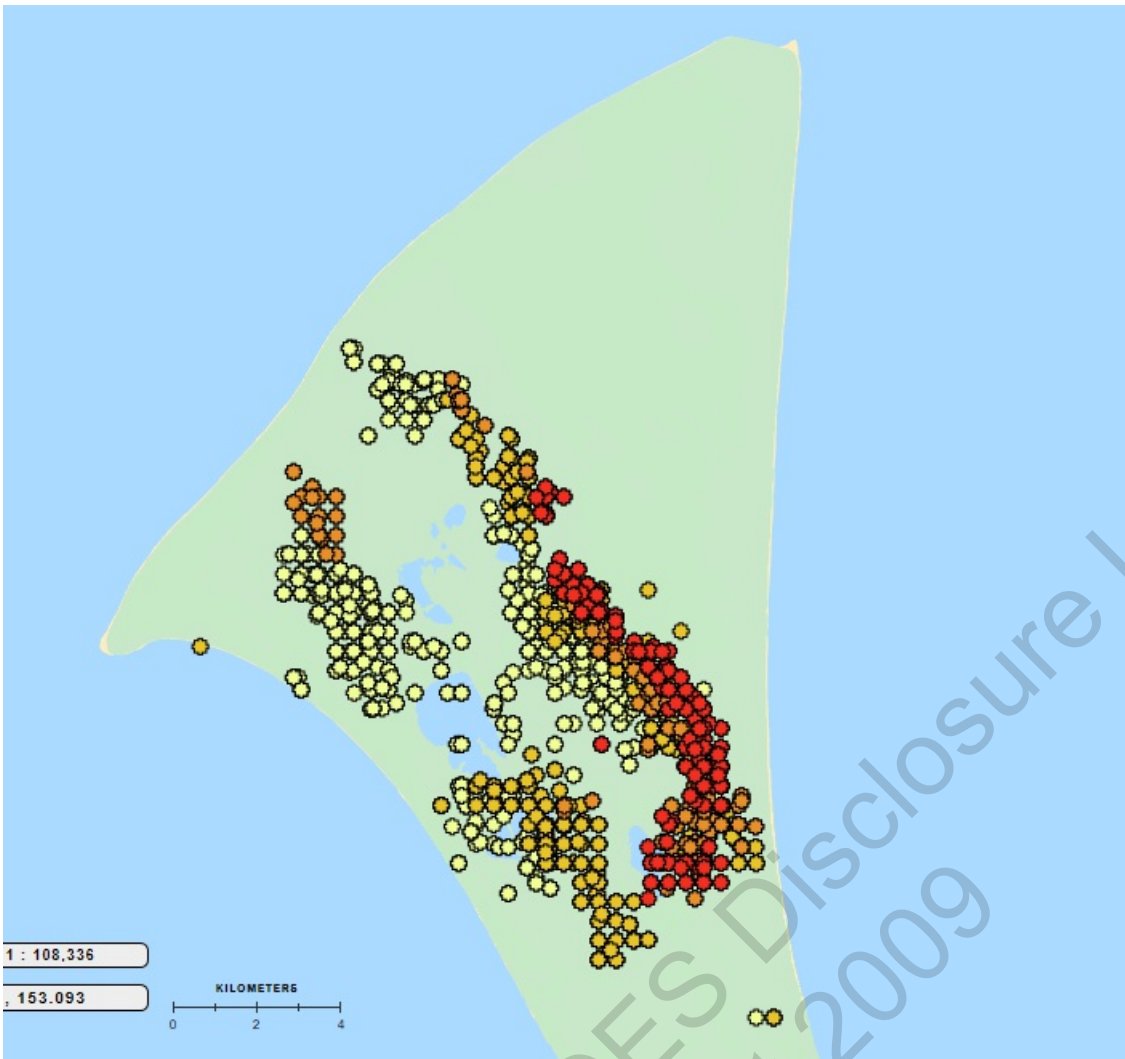
South west sector (Woralie to Happy Valley sector)

- Fire is south of Woralie break on Western side and has slowed during the day still around 9.8km from HV. Travelling through centre of island towards the eastern side of the island.
- Head fire remains in tall forest burning towards the south and west around 1.2km from Boomerang lakes area.
- 270m NW of Coomboo Barracks.
- Road closed sign remains erected along Moon Point Rd and Bullock Rd/ Northern Scenic drive intersections; Woralie Road eastern beach closed.
- Slashing / scraping of Significant cultural information- Bu of Happy Valley completed, Kooloro sand blow break slashing recompleted.
- HV community meeting occurred attendance of 37 people including QPWS&P, QFES, QPS, QAS, RFB and landholders including Eurong.

Dundubara sector (Dundubara sth)

- Fire was nursed and tied-off/secure edge early evening to prevent risk of SE wind change causing ember attack upon the base/campground and infrastructure. It's still mooching around and being patrolled.
- Still expecting active fire south of Indian Head and several kilometres north and south of Dundubara





Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

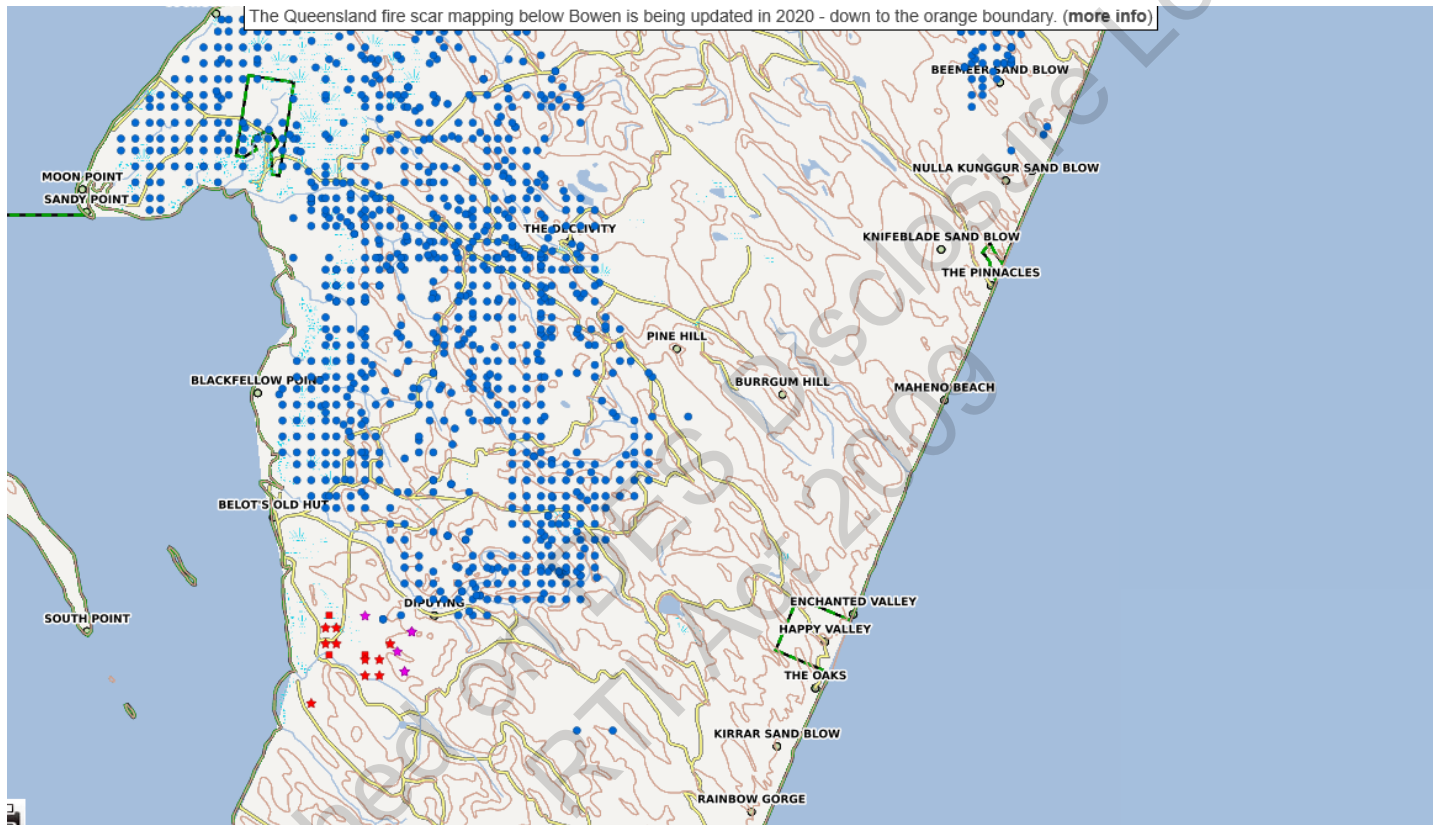
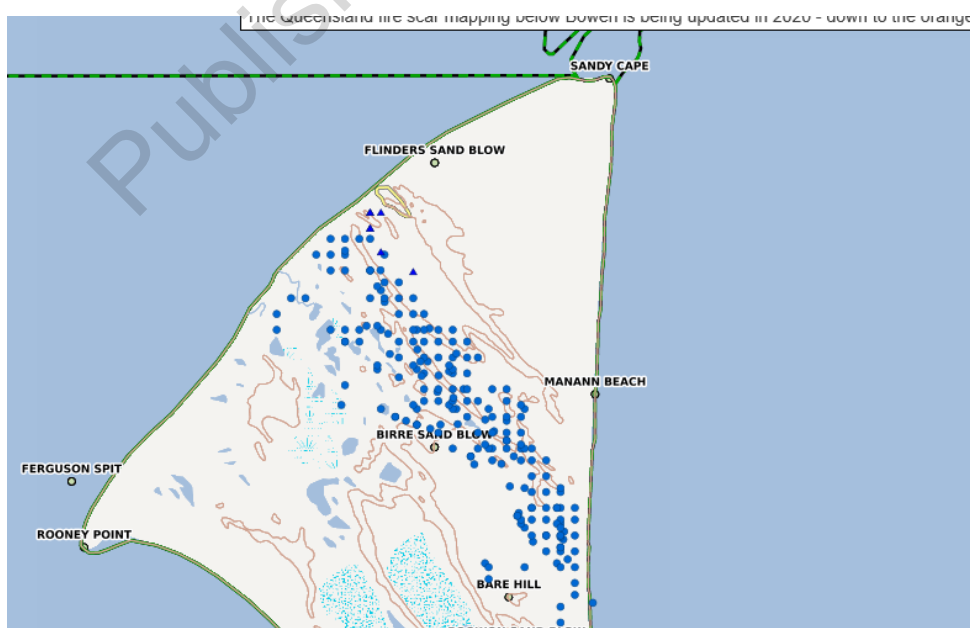
12 First Avenue Maroochydore QLD 4558

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Date : 26/11/2020 11:13:12 AM
From : "SEELEITHER Jamie"
To : "Veronica Bird" , "Mellissa Foley"
Cc : "Rachel Killer" , "Amanda Jackson"
Subject : K'gari Fire Update
Attachment : image001.png;image002.png;image003.png;image004.png;

Hello All
Please see below and update from the IMT from late yesterday.

- Fire is still burning in the north near Sandy Cape, around Cathedral Beach and Happy Valley. The fire continues to burn in the central part of the island.
- Significant cultural information- Butchulla people - Butchulla people
- Priority on developing and implementing Incident Action Plan –including fortifying Cornwells road to improve track condition. Core ignitions are planned for later this afternoon – 1700+, with crews to work along Cornwells track to backburn off as needs arise.
- Hold fire north of Cornwells/Smith Poyungan firebreak.
- Intention is to hold fire nth of Cornwells/Smith Poyungan firebreak. Fireline preparation to be completed by 1700 25/11. Integrated burn out operations to commence on falling hazard (late in the day/early evening) with ground operations to be conducted in concert with aerial core ignition north of Cornwells break and south of head fire.
- Crews to be retained at the Happy Valley community for monitoring and protection.
- Significant cultural information- Butchulla people
- Crews will monitor fire burning near Sandy Cape Significant cultural information- Butchulla



Cheers

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal** | E: jamie.seeleither@des.qld.gov.au

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Date : 2/12/2020 9:18:19 AM

From : "SEELEITHER Jamie"

To : "Veronica Bird" , "Melissa Foley" Personal information - personal

Cc : "Rachel Killer" , "ch@bac-kgari.org"

Subject : K'gari Fire Update from Yesterday Evening

Attachment : image001.png;image002.png;image003.png;image004.png;image005.png;

All

An update from yesterday evening on the K'gari fire

K'gari Camp

- Crews commenced early patrols at 05:00 and found containment lines held at K'gari from previous night. Air support deployed during the day to hold the spread of the fire on the north west side of K'gari to allow machinery to finish mulching activities.
- Contractor (McK Group) completed mulching activities around K'gari camp.
- Sector leaders worked on possible plans for implementation of burn-out. K'gari monitored, no fire put on the ground.

Cathedrals

- Crews onsite monitoring throughout the day.
- Sector leaders worked on possible plans for implementation of burn-out. Permissions sought from IC Rainbow for implementation for burnout activities on both K'gari & Cathedrals. Cathedrals supported subject to suitable weather conditions, operations commenced at 17:00.

Western

- Fire to the south of Boon Boon Creek.
- 3x crews sent to assess Cornwells Rd, Bennet's Rd and Bennet's Creek firebreak and McKenzie's Jetty for suitability for containment lines. Photos sent – unsuitable in present condition.
- Overhanging canopies (banksias), large amounts of bark accumulation, thick vegetation on both side of the roads and deep cuttings.

Happy Valley

- Community meeting at Happy Valley – main discussions regarding organisation and plans for inside the township during a fire event, welfare if personnel. Following the meeting QFES, QPS, QPWS discussed the proposed implementation of the new fire control lines, QPWS seeking BAC approval in principal, DNR to pay contractor, QPWS will supply a Butchulla presence during mulching operations (due to commence 02/12/2020).

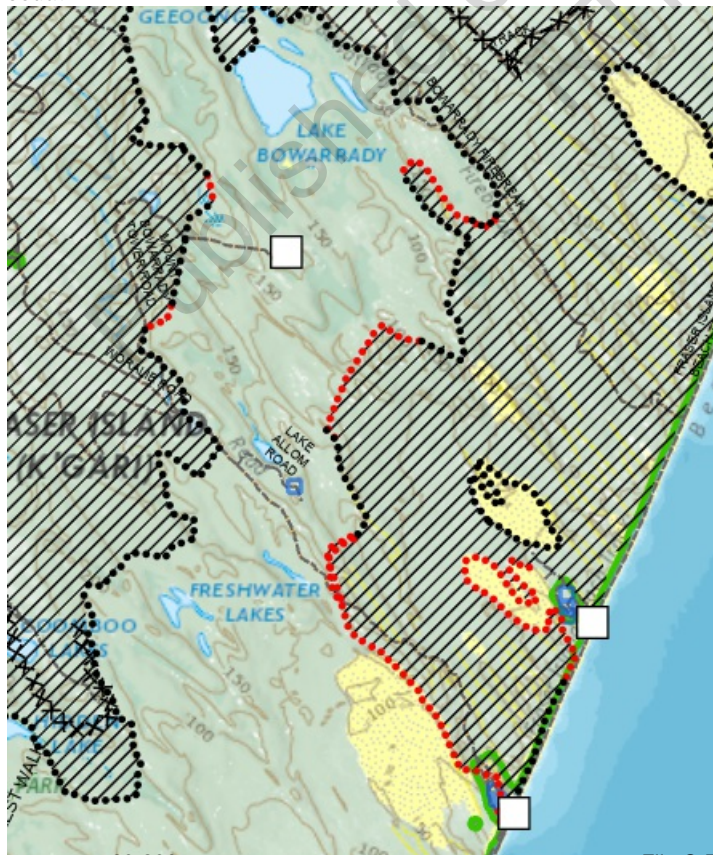
Asset Protection

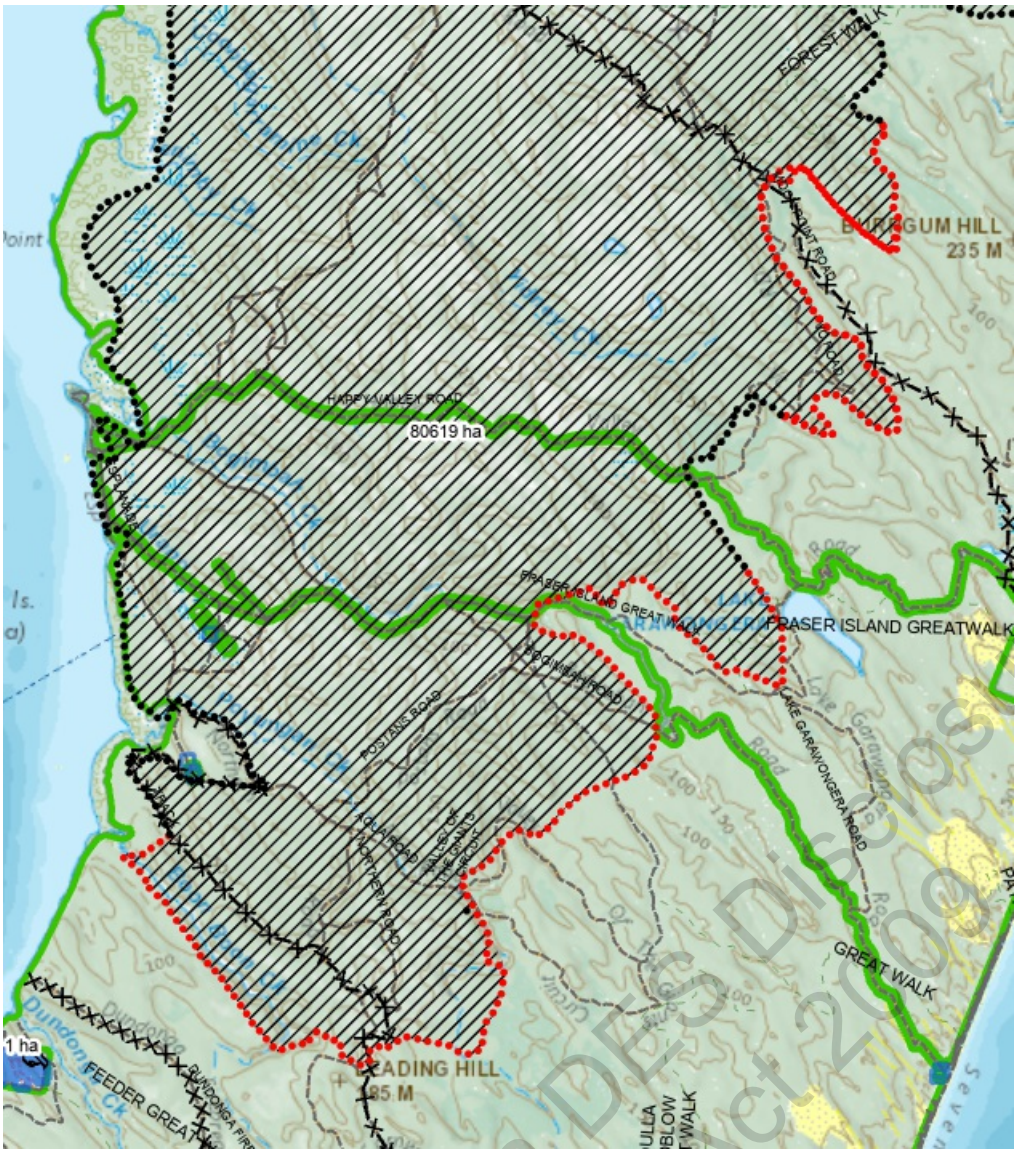
- Contractor completed repair works to Yidney & Poyungan bypasses early afternoon 01/12/2020 – work completed to good standard.

Heavy Machinery

- McK tracked mulcher working at Happy Valley tomorrow and the wheeled loader will be onsite at Happy Valley for deployment as requested and discussed through McK Group contact.

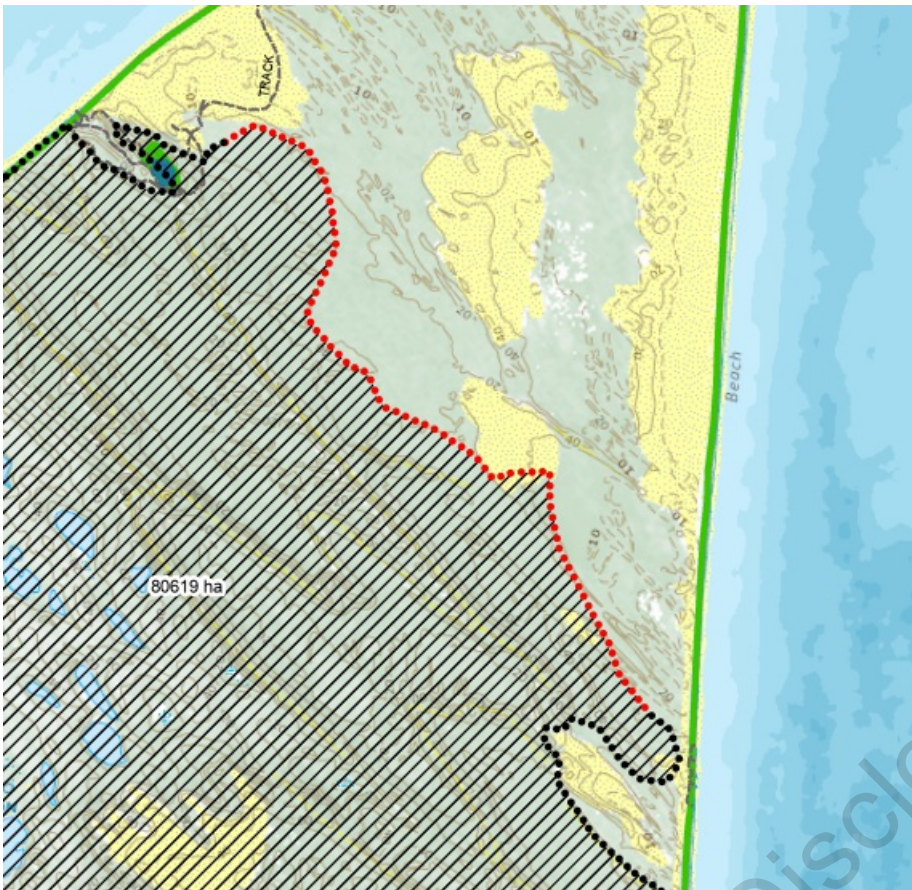
South





North





Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



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Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

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Date : 22/10/2020 7:55:54 AM

From : "SEELEITHER Jamie"

To : "Veronica Bird" , "Melissa Foley (Personal information - personal)"

Cc : "joyce@butchullaaboriginalcorporation.org"

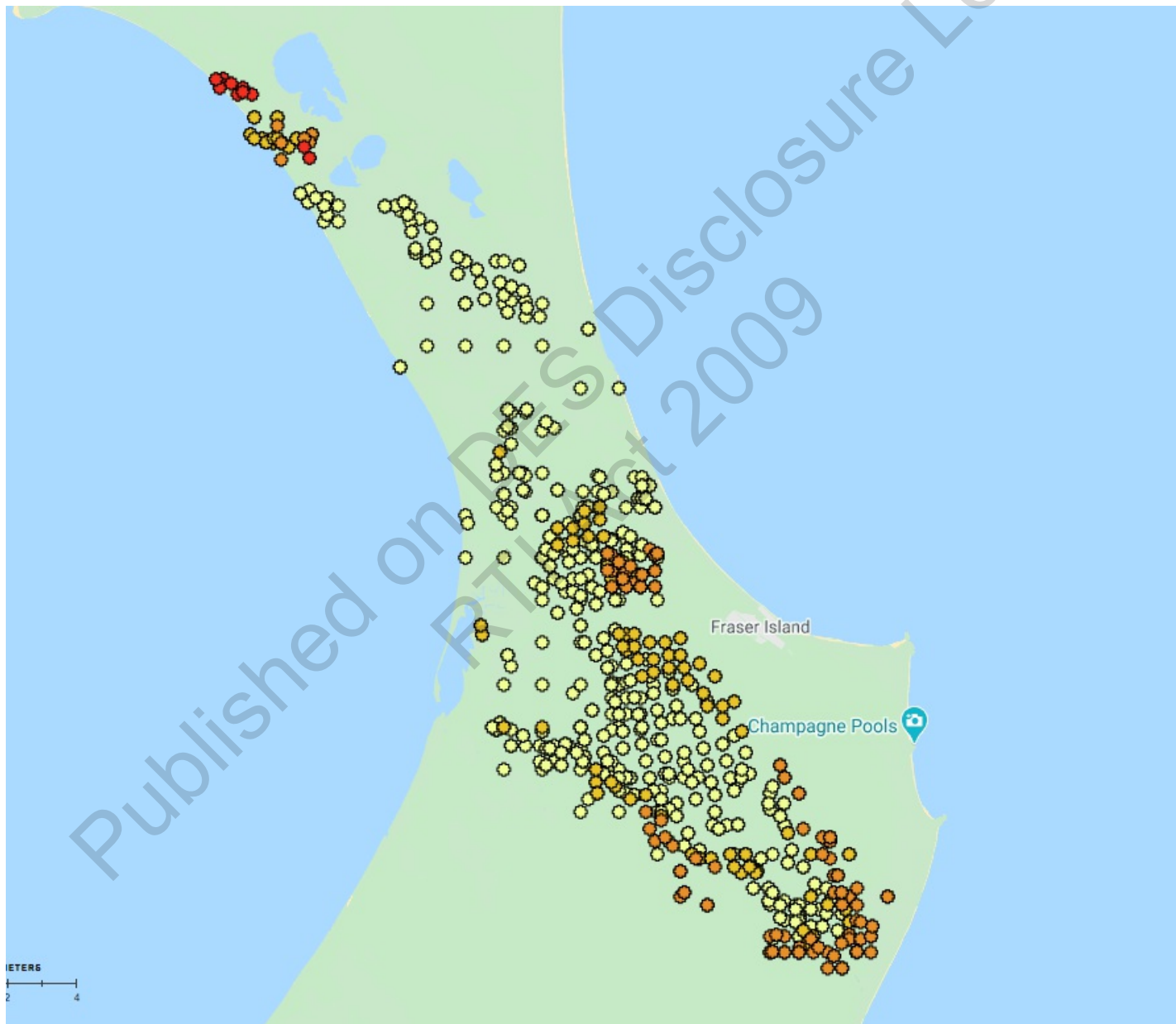
Subject : K'gari Fire Update

Attachment : image001.png;image003.png;image004.png;

Veronica/ Mellissa

Quick update on the K'gari fire.

- The fire continues to burn in the north. It is approximately 6 kms south of Rooneys Point on the western Beach.
- The fire has almost reached the beach on the eastern beach 4.2 kms south of Tukkee Wurroo.
- Crews (QPWS/ QFES) continue to watch the fire around Orchid Beach Township and will continue to watch for the next couple of days with a view to protecting the township if required.
- Weather early next week looks promising for some rain.



I will again update when there are changes to the above.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal info** | E: jamie.seeleither@des.qld.gov.au

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Date : 5/12/2020 4:35:43 PM
From : "SEELEITHER Jamie"
To : "Veronica Bird" , "Melissa Foley" Personal information - personal "
Cc : "Rachel Killer" , "ch@bac-kgari.org"
Subject : K'gari Sitrep as of Saturday morning
Attachment : image001.png;image002.png;
Hello all
K'gari fire update as of this morning.

SitRep as of 0630 Saturday 5 December 2020

Duling WF SITREP 05:15 SAT 05/12/2020

QPWS East Division Com -Graeme Bulley

QPWS West Division -Com John Kleka

QFES - Michael Koch - Eurong

QFES – KFBR – Wayne McClennan

Western Division - Cornwells Rd Sector Night Shift

- Fire contained on north of Cornwells rd. control line.
- Fire self - extinguished overnight.
- No Backburning undertaken overnight as directed.
- Unburnt vegetation between Pt 55 and Pt. 53 on cornwells rd. will be pressure point today. Attached map
- 5 x QFES Crews, 8 x QPWS Crews overlapping shifts on fire line overnight.
- Pressure point expected today between pt. 53 and pt. 55 on Cornwells rd - leading hill location
- Day shift crews - 2 x QFES, 8 x QPWS overlapping shifts on sector.
- 4 x contractor heavy plant continuing to strengthen Cornwells rd. control line - Vegetation management

Eastern Division –

- Water Bombing continued on Fri Afternoon East Division hotspots and fire activity.
- No anticipated threats overnight - No night shift crews required
- 2 x QPWS & 1 x BLSR crew rostered on Sat day shift.
- Task 1 - monitor / patrol / black out previous hot spots at Cathedral Beach Resort / Kgari camp.
- Task 2 - Recce closed east beach campgrounds for campers.
- Task 3 – Recce additional prep works required.

Identified Safety Issue

- QFES Michael Koch report to QPWS Div com 18:00 04/12 - Drone was visibly sighted by air support aircraft to be operating in the Central lakes area – Reported as near miss / hazard.
- Action taken – DIV Com to advise QPS and QPWS staff to be on alert for Island visitors operating drones and take action accordingly.
- Further action - Develop Draft Park alert recommending prohibition of unauthorised drone use on Kgari - Jan 01/21

Cultural Heritage

- Significant cultural information - Butchulla people - Butchulla people
- Air ops have GPS coordinates for water bombing on the above sites if required.
- QPWS continuing to work with Kgari traditional custodians to manage.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

Date : 24/11/2020 9:08:47 AM
From : "SEELEITHER Jamie"
To : "Amanda Jackson"
Subject : Letter of support
Attachment : EPSON005.PDF;image001.png;image002.png;

Amanda
Let me know if this will suit or anything else that is needed in the letter.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

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Department of
Environment and Science

24/11/2020

To Whom it May Concern

On behalf of Queensland Parks and Wildlife Service (QPWS) I would like to offer support for our cooperative Partners, the Butchulla Aboriginal Corporation, in their undertaking of any land management work on K'gari.

The Butchulla Aboriginal Corporation, have recently undertaken similar work for QPWS on K'gari utilising their Community Ranger Program to clear fire break and roads, and also under supervision to construct road palletting to go on the roads around K'gari. The community ranger are also currently on K'gari as part of the fire suppression effort and undertaking facility maintenance in order to free up trained QPWS personnel for firefighting duties.

The participants in this program are well prepared, briefed and supplied with personal protective equipment for the tasks to be undertaken by the BAC Program Coordinator (Rachel Killer) backed by the Organisation.

Should you require any further information, please contact Jamie Seeleither (A/Principal Ranger) on Personal information or by email at jamie.seeleither@des.qld.gov.au

Yours sincerely

Personal information F sig

/ A/Principal Ranger
Great Sandy Area
Coastal and Island Region
Queensland Parks and Wildlife Service and Partnerships

Date : 2/12/2020 5:29:50 PM

From : "SEELEITHER Jamie"

To : "ch@bac-kgari.org"

Subject : List of Firefighting crews to Date

Attachment : image001.png;image002.png;

Dustyn

This is the list of fire fighters you were chasing.

It is current to today but will obviously increase over time.

Personal information	Cooloola
	Maryborough
	Maryborough
	Maroochydore
Nathan Cooper	State Fire Team
Jack Hargreaves	Cairns (GBRMP)
John Atkinson	State Fire Team
Personal information	Rockhampton
	BLSR
	BLSR
	Rockhampton
	Rockhampton
	Rockhampton
	Rockhampton
	Cooloola
	Cooloola
	Cooloola
	Cooloola
	Cooloola
	North Stradbroke Island
	Cairns (Northern Region)
	Cairns (Northern Region)
Joel McLune	Cairns (GBRMP)
Rikki Veronese	Cairns (GBRMP)
Personal information	K'gari
	K'gari
	K'gari
	K'gari
	K'gari
	K'gari
	K'gari
	K'gari
	K'gari
	K'gari
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	Cooloola
	Cooloola
	Cooloola
	K'gari
	Cooloola
	Cooloola
	K'gari
	Cooloola
	Cooloola

Personal information	NSI
	NSI
	South Stradbroke Island
	Cooloola
	Fort Lytton
	K'gari
	NSI
	NSI
	Moreton Bay
	NSI
	NSI
	K'gari
	Maroochydore
	Gold Coast
	Brisbane
	Brisbane
	Brisbane
	Cooloola
	BLS
	BLS
	K'gari
	K'gari
	K'gari
	MaryBorough
	BAC
	BAC
	BAC
	BAC
	NSI
	NSI
	Cooloola
	BLS
Wayne Matthews	Manly (GBRMP)
Personal information	Manly
	Hervey Bay
	Bribie Island
	Cairns
	Cairns
	Maleny
	Maleny
	Cairns
	Cairns
	BAC Ancilliary
	BAC Ancilliary
	BAC Wongari
	BAC Wongari
	BAC Fire Crew
	BAC Fire Crew
	Maleny
	Blackall
	Northern region
	Northern region
Richard Orchard	Manly (GBRMP)
Personal information	Manly
	Hervey Bay
	Springbrook
	Springbrook
	Maleny

Personal information	Gympie
	Gympie
	Springbrook
	Rockhampton
	Rockhampton
	Mackay
	Mackay
	Eungella
	Eungella

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal info** | E: jamie.seeleither@des.qld.gov.au
12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work,Live and walk.

Veronica

I just wanted to let you know that Dustin called into the IMT on the way to K'gari this morning and had a really good yarn to Matt Davies, Tim Killen and myself about cultural values. Significant cultural information - Butchulla people - Butchulla people
Significant cultural information - Butchulla people - Butchulla people
Significant cult. We will need to have this sort of detailed discussion for areas around Significant cult as well in the next day or so. Should we collar Dustin tomorrow on his way off the island.

It was great that Dustin was able to do this and also I fielded some comments from QFES about his positive, and engaging manner . Just wanted to pass that on.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | **M** Personal info | **E:** jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

Date : 1/12/2020 2:37:11 PM
From : "SEELEITHER Jamie"
To : "Veronica Bird"
Cc : "Rachel Killer", "ch@bac-kgari.org", "Amanda Jackson"
Subject : Mackenzie's Jetty Area
Attachment : image001.png;image002.png;
Veronica
Sorry to hassle you with more of the fire talk.

I am sitting on the IMT and they are talking through areas that could possibly require special protection in the next couple of days.
Significant cultural information- Butchulla people

Significant cultural information- Butchulla people - Butchulla people

Significant cultural information- Butchulla
Happy to talk through what is required if that is easier.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

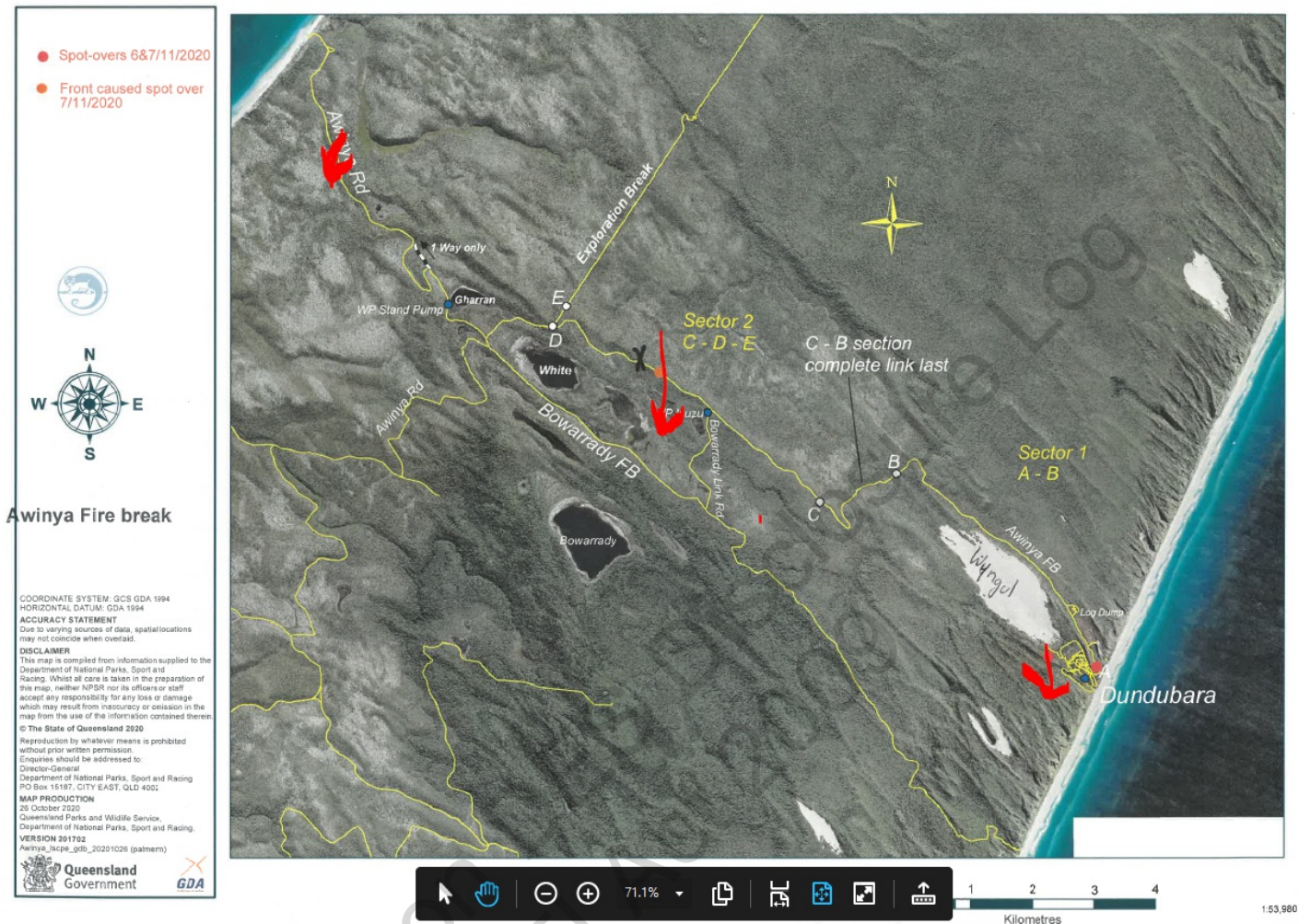
Department of Environment and Science

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12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

Date : 9/11/2020 10:56:08 AM
From : "SEELEITHER Jamie"
To : "culturalheritage@butchullaaboriginalcorporation.org"
Subject : Photos Of K'gari fire
Attachment : IMG_1713.JPG;IMG_1707.JPG;IMG_1698.JPG;20201105Fraser Island Southern section 1200.pdf;image001.png;image002.png;image003.png;
Dustin
How are you?
Please find attached some photos / map of the fire burning late last week.



Regards
Jamie Seeleither
A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships
Department of Environment and Science
P (07) 54596130 | M **Personal** | E jamie.seeleither@des.qld.gov.au
12 First Avenue Maroochydore QLD 4558 |

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Published on DES Disclosure Log
Project 2019

DIRECTION
338 deg(T)

-24°59'26.8"
+153°18'40.8"

ACCURACY 5 m
DATUM WGS84



Published on DES Disclosure Log
RTI Act 2009

AAS J Evans
AOB T Collingwood

FB 460

5/11/20, 12:28:47 pm

DIRECTION
328 deg(T)

-25°01'10.0"
+153°11'18.6"

ACCURACY 5 m
DATUM WGS84



AAS J Evans
AOB T Collingwood

FB 460

5/11/20, 12:00:14 pm



- Legend**
- Current Incidents**
- FIRE VEHICLE *
 - FIRE VEHICLE *
 - FIRE VEGETATION
 - FIRE VEGETATION EXPOSURES (FIRE VEGETATION)
 - PERMITTED BURN (ATTENDANCE)
 - HAZARD *
 - HAZARD *
 - HAZARD *
 - HAZARD *
 - HAZARD *
 - FIRE STRUCTURE *
 - FIRE STRUCTURE *
 - FIRE STRUCTURE *
 - FIRE STRUCTURE *
 - FIRE STRUCTURE *
 - (FIRE STRUCTURE)
 - ASSIST ANIMAL RESCUE
 - ALARM *
 - ALARM *
 - ALARM *
 - ALARM *
 - ASSIST EXTREME WEATHER
 - RESCUE ROAD *
 - RESCUE ROAD *
 - RESCUE ROAD *
 - RESCUE ROAD *
 - RESCUE WATER ALL TYPES
- Fire Direction**
- Fire E
 - Fire N
 - Fire NE
 - Fire NW
 - Fire S
 - Fire SE
 - Fire SW
 - Fire W
- Fire Points**
- Control Centre
 - Divisional Boundary
 - Evacuation Area
 - Fire
 - Fire - Point of Origin
 - Fire Appliance
 - Fire Hot Spot
 - General Asset
 - Note
 - POI
 - Refuge Area
 - Road Closed
 - Sector Boundary
 - Spot Fire
 - Threatened Asset
 - Water Point
- Fire Lines**
- Access Track
 - Back Burn - Completed
 - Back Burn - Planned
 - Evacuation Route
 - Fire Control Line - Completed
 - Fire Control Line - Planned
 - Fire Edge - Active
 - Fire Edge - Predicted
 - Powerlines
 - Sector Boundary
 - LAT Line - Completed
 - LAT Line - Planned

Disclaimer: This product has been prepared for Queensland Fire and Emergency Services and Public Safety Business Agency. Other users must satisfy themselves it is accurate and suitable for their purpose. QFES & PSBA does not accept any liability for any loss or damage that may result from the use of or reliance on this information.



File O Release



When printed at A3 - 1: 144,448
0 3.67 7.34
Kilometres
WGS_1984_Web_Mercator_Auxiliary_Sphere

This map was automatically generated using Geocortex Essentials.



A3 map produced at:
November 5, 2020 12:49:18 PM

Date : 14/10/2020 2:29:24 PM

From : "SEELEITHER Jamie"

To : "Veronica Bird" , "Melissa Foley Personal information - personal" , "joyce@butchullaaboriginalcorporation.org"

Subject : Possible fire South of Ngala Rocks

Attachment : image001.png;image002.png;

Hello Veronica and Mellissa

QPWS have had a call from Firecomm regarding a possible fire on the eastern beach of K'gari - north of Orange Creek and south of Ngala Rocks in Camp Zone 8.

QPWS rangers are attending the location and assessing the report of fire.

I will provide an update on this when I receive more information.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

Date : 17/11/2020 2:02:23 PM
From : "BEHRENDORFF Linda"
To : "Rachel Killer"
Cc : "SEELEITHER Jamie"
Subject : RE: BAC Ancillary Support Team
Attachment : image001.png;image002.png;
Fire fighting for me please. John Green can advise of the other.
Thank you.
L.

From: Rachel Killer <rachel.killer@bac-kgari.org>
Sent: Tuesday, 17 November 2020 1:15 PM
To: BEHRENDORFF Linda
Cc: SEELEITHER Jamie
Subject: RE: BAC Ancillary Support Team

Is that for a Fire Fighting crew or Ancillary Crew.

YES to a fire-fighting crew changeover. Am putting together a brief now for a Fire Assist Team to swap Personal information out on Friday. Just need to get confirmation of bookings etc.

Cheers
Rachel

From: BEHRENDORFF Linda <Linda.Behrendorff@des.qld.gov.au>
Sent: Tuesday, 17 November 2020 1:07 PM
To: Rachel Killer <rachel.killer@bac-kgari.org>
Cc: SEELEITHER Jamie <Jamie.Seeleither@des.qld.gov.au>
Subject: RE: BAC Ancillary Support Team

Hi Racheal,

Can you please confirm if the changeover crew are still able to attend Friday?

Regards,
Linda

'The legacy you leave for colleagues emerging behind you, is how you allow yourself to be treated by others.'



Linda Behrendorff
Ranger in Charge, Natural Resource Management
Great Sandy National Park – K'gari (Fraser Island) & Cooloola
Coastal and Island Parks - Queensland Parks and Wildlife Service & Partnerships
Department of Environment and Science

P 07 4127 9128

M Personal information

I acknowledge and pay my respect to Traditional Owners as the Custodians of the Lands and Seas on which I walk, work and live on.

From: Rachel Killer <rachel.killer@bac-kgari.org>
Sent: Tuesday, 17 November 2020 11:19 AM
To: BEHRENDORFF Linda
Subject: BAC Ancillary Support Team

Hi Linda,
Sorry I thought I sent this to you yesterday.
Cheers
Rachel

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Date : 14/10/2020 8:27:50 AM
From : "SEELEITHER Jamie"
To : "Butchulla Land & Sea Rangers"
Subject : RE: BAC/ BLSR/ QPWS Operations Meeting
Attachment : image001.png;image003.png;image004.png;

Chantel

No inconvenience at all and happy to change days so that all can come

Do you think another day next week (if so what day) or will it be the following week? (if so which days are out for you)

Cheers

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

From: Butchulla Land & Sea Rangers <bls.bac@outlook.com>

Sent: Wednesday, 14 October 2020 8:24 AM

To: SEELEITHER Jamie

Subject: Re: BAC/ BLSR/ QPWS Operations Meeting

I would prefer another day if possible please. The rest of the team are completing work with fisheries on Thursday the 22nd and there would not be a replacement available. Sorry for the inconvenience.

Kind regards

Chantel

Get [Outlook for iOS](#)

From: SEELEITHER Jamie <Jamie.Seeleither@des.qld.gov.au>

Sent: Wednesday, October 14, 2020 8:21:31 AM

To: Butchulla Land & Sea Rangers <bls.bac@outlook.com>

Subject: RE: BAC/ BLSR/ QPWS Operations Meeting

Thanks Chantelle

Sorry to hear. Did you want someone else to represent BLSR or is another day more suitable?

It would be great to have you there as you are key from the BLSR side.

Give me a call if you want to discuss.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

From: Butchulla Land & Sea Rangers <bls.bac@outlook.com>
Sent: Tuesday, 13 October 2020 4:47 PM
To: SEELEITHER Jamie; YETMAN Brendon; HARVEY Peter; joyce@butchullaaboriginalcorporation.org; BLACKMAN Boyd; culturalheritage@butchullaaboriginalcorporation.org
Cc: Conway Burns
Subject: Re: BAC/ BLSR/ QPWS Operations Meeting

I am unavailable next Thursday as I have sorry business to attend in Gaynda and am transporting my Elders.

Get [Outlook for iOS](#)

From: SEELEITHER Jamie <Jamie.Seeleither@des.qld.gov.au>
Sent: Tuesday, October 13, 2020 3:55:14 PM
To: YETMAN Brendon <Brendon.Yetman@des.qld.gov.au>; HARVEY Peter <Peter.Harvey@des.qld.gov.au>; Butchulla Land & Sea Rangers <bls.bac@outlook.com>; joyce@butchullaaboriginalcorporation.org <joyce@butchullaaboriginalcorporation.org>; BLACKMAN Boyd <Boyd.Blackman@des.qld.gov.au>; culturalheritage@butchullaaboriginalcorporation.org <culturalheritage@butchullaaboriginalcorporation.org>
Cc: Conway Burns <Conway.Burns@des.qld.gov.au>
Subject: BAC/ BLSR/ QPWS Operations Meeting
When: Thursday, October 22, 2020 10:00 AM-1:00 PM.
Where: TBA

Apologies again – this one has changed again. There is some sorry business happening.
Can you all indicate whether this will work for you??

Purpose;

To reinstate the operational discussions and logistics for on ground work programs for BAC community ranger, BLSR program and QPWS post Covid.

Agenda Could include:

- ☐ New Briefing/ Request form
- ☐ Upcoming projects- Palletting, possible GW work
- ☐ NRM projects
- ☐ Training
- ☐ Fire Season Preparedness

(Please send in other agenda items to Jamie)

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Date : 1/12/2020 3:18:37 PM
From : "SEELEITHER Jamie"
To : "Chantel Van Wamelen" , "Veronica Bird"
Cc : "Rachel Killer" , "Amanda Jackson"
Subject : RE: Cultural Advisor for Mulching Works
Attachment : image001.png;image005.png;image002.png;image004.png;
Thank you Chantel
That's excellent. Apologies for the short notice.
Cheers

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal info** | E: jamie.seeleither@des.qld.gov.au
12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

From: Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>

Sent: Tuesday, 1 December 2020 3:17 PM

To: SEELEITHER Jamie; Veronica Bird

Cc: Rachel Killer; Amanda Jackson

Subject: RE: Cultural Advisor for Mulching Works

Hi Jamie and Veronica,

I have arranged for Dustyn to assist in the Mulching work tomorrow, he will be on the 7.00am barge from Inskip tomorrow morning 2/12/2020. Dustyn has been instructed to report to **Personal info** (Division Commander) at 8.30am at the Eurong Ranger Base. Dustyn will stay overnight with Rachel and **Per** in the Eurong guest house.

If you need anything else, please let me know.

Galangoor nyin (thank you)

Chantel Van Wamelen

Ranger Coordinator

Butchulla Land & Sea Rangers

Unit 1/24 Southern Cross Circuit, Urangan, Hervey Bay 4655

blsr@bac-kgari.org

PH 41256128



From: SEELEITHER Jamie <Jamie.Seeleither@des.qld.gov.au>

Sent: Tuesday, 1 December 2020 1:53 PM

To: Veronica Bird <veronica.bird@bac-kgari.org>

Cc: Rachel Killer <rachel.killer@bac-kgari.org>; Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>; Amanda Jackson

<amanda.jackson@bac-kgari.org>

Subject: Cultural Advisor for Mulching Works

Veronica

How are you?

The IMT have asked if there is a possibility of utilising a cultural advisor to walk in front of a mulcher around Happy Valley township perimeter commencing tomorrow morning.

The work will take 4- 6 hours.

Is this a possibility and do you want to send someone or utilise one of your staff already on the Island.

I have had an initial talk to Rachel regarding this.

Thanks and as always happy to have a yarn.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal info** | E: jamie.seeleither@des.qld.gov.au
12 First Avenue Maroochydore QLD 4558 |

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Date : 11/11/2020 7:26:15 AM

From : "SEELEITHER Jamie"

To : "Communication & Education Officer" , "Rachel Killer" , "Amanda Jackson" , "Chris Darvell" , "Veronica Bird"

Subject : RE: Fire Management Control - K'gari

Attachment : image001.jpg;image002.png;

Thank you Aunty Joyce

From: Communication & Education Officer <c&e@bac-kgari.org>

Sent: Tuesday, 10 November 2020 5:15 PM

To: Rachel Killer; Amanda Jackson; Chris Darvell; Veronica Bird

Cc: SEELEITHER Jamie

Subject: Re: Fire Management Control - K'gari

Importance: High

Galangoor djali Rachel

I have spoken to [Personal information] in regards to K'gari Camp near Woralie Track. As K'gari landline has been disconnected [Personal information] also advised [Personal information] have their fire tickets. Information for Fire Management Control for contact details is; [Personal information] who has taken over from [Personal information]

[Personal information] [Personal information]

[Personal information] [Personal information]

Any other information please contact [Personal information] who will know their availability due to working for the forestry. Hopefully this assists if we need provide Butchulla members who have fire tickets who can be utilised.

'yanga galangoor djali, yangu bana' (have good day, yarn later). 😊

'Without language, one cannot talk to people and understand them: one cannot share their hopes and aspirations, grasp their history, appreciate their poetry, or savour their songs'. Nelson Mandela

'yanidjin nyinam gumuri galangoor gawun ngaa marigurim dugoo' (intend to walk, stay safe shielded in good health care and good heart). Joy Bonner

[Personal information]

Joyce Bonner

Communication Education Officer

Butchulla Aboriginal Corporation (BAC)

Shop 5/107 Boat Harbour Drive

Pialba, Hervey Bay 4655

joyce@butchullaaboriginalcorporation.org

Phone: (07) 4148 7074

Mobile: [Personal information]



1. 'minyang galangoor gu djaa kalim baya-m' - Butchulla

What good for land, first come - Butchulla translation

What is good for the land must come first - SAE

2. 'wangou nyin gamindu biralunbar nyin wumga-n' - Butchulla

If you have many you give - Butchulla translation

If you have plenty, you must share - SAE

3. 'minyang waa nyinung waa bunmalee dhama-n' - Butchulla

What not yours, do not take or touch - Butchulla translation

Do not touch or take anything that does not belong to you - SAE

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Date : 7/12/2020 11:47:19 AM

From : "SEELEITHER Jamie"

To : "Dustyn Currie" , "Veronica Bird" , "gadejould"

Cc : "Amanda Jackson"

Subject : RE: Initial Ecological Assessment Process

Attachment : image002.png;image005.jpg;image007.png;image010.png;image001.png;image003.png;

All

I have just had an update on this assessment and it has been postponed for this week. The main reason being is that all the helicopters are involved in fire-fighting operations for the next couple of days.

The Ecological Assessment unit will try to reschedule for the week 21 st of December.

I will let you know once it has firmed.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal info** | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

From: Dustyn Currie <dustyn.currie@bac-kgari.org>

Sent: Monday, 7 December 2020 11:39 AM

To: SEELEITHER Jamie; Veronica Bird; gadejould

Cc: Amanda Jackson

Subject: RE: Initial Ecological Assessment Process

Thanks for the update Jamie.

I will follow the advice from Amanda and Veronica.

Galangoor nyin (thank you)

Dustyn Currie

Cultural Heritage Officer (K'gari)

Butchulla Aboriginal Corporation

5/107 Boat Harbour Drive

Pialba 4655

P: 07 4124 9144

M: **Personal info**

culturalheritage@butchullaaboriginalcorporation.org



From: SEELEITHER Jamie <Jamie.seeleither@des.qld.gov.au>

Sent: Monday, 7 December 2020 11:35 AM

To: Veronica Bird <veronica.bird@bac-kgari.org>; Jade JG. Gould <gadejould@gmail.com>

Cc: Dustyn Currie <dustyn.currie@bac-kgari.org>; Amanda Jackson <amanda.jackson@bac-kgari.org>

Subject: RE: Initial Ecological Assessment Process

Veronica

I am happy to put forward Dustyn but note that it may be for a couple of days and would take him out of phone contact. With that in mind are you still happy for me to nominate Dustyn or are his talents needed for the fire effort.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

From: Veronica Bird <veronica.bird@bac-kgari.org>

Sent: Friday, 4 December 2020 7:28 PM

To: gadejould; SEELEITHER Jamie

Cc: Dustyn Currie; Amanda Jackson

Subject: Re: Initial Ecological Assessment Process

Hi Jamie,

I would recommend Dustyn.

Please confirm details with Amanda who will be back on deck on Monday.

Kind Regards

Veronica

Get [Outlook for Android](#)

From: SEELEITHER Jamie <Jamie.Seeleither@des.qld.gov.au>

Sent: Friday, December 4, 2020 9:19:06 AM

To: Jade JG. Gould <Personal information>; Veronica Bird <veronica.bird@bac-kgari.org>

Subject: Initial Ecological Assessment Process

Jade (and Veronica)

This pertains to an ecological assessment team on the impacts of the fire potentially visiting K'gari next week and they wanted to see if there was a BAC representative that wanted to be part of that Team. Let me know if there is interest and who it might be and I will put them in touch with Rhonda Melzer who is leading the team.

Outline of trip which may be over 1 or 2 days

QPWS is organising chopper today so can't be sure of day until that's settled....but we are hoping for next Tuesday.

Ca. 5 hours with chopper air doing the following:

- Flying transects to record and photograph so as to 'ground-truth' fire severity mapping and get as good an idea as possible of impacts on the various wetland systems, and identify areas that may need a ground inspection in a future trip.
- Get on the ground where safe to do so to get a better look at areas that appear to have been most severely burnt.
- Deploy ca. 10 acoustic sensors to monitor for vocal species – in particular frogs and ground parrots.
- Working in the north mostly but down to Moon Pt if possible as we'd like to look at the fens there.

Regards



Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

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Date : 7/12/2020 11:53:24 AM

From : "SEELEITHER Jamie"

To : "Dustyn Currie"

Subject : RE: Initial Ecological Assessment Process

Attachment : image002.png;image005.jpg;image007.png;image010.png;image001.png;image003.png;

Cheers Dustyn

Hope you are good and had a weekend with the family.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M [Personal information](#) | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558|

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

From: Dustyn Currie <dustyn.currie@bac-kgari.org>

Sent: Monday, 7 December 2020 11:39 AM

To: SEELEITHER Jamie; Veronica Bird; gadejould

Cc: Amanda Jackson

Subject: RE: Initial Ecological Assessment Process

Thanks for the update Jamie.

I will follow the advice from Amanda and Veronica.

Galangoor nyin (thank you)

Dustyn Currie

Cultural Heritage Officer (K'gari)

Butchulla Aboriginal Corporation

5/107 Boat Harbour Drive

Pialba 4655

P: 07 4124 9144

M: [Personal information](#)

culturalheritage@butchullaaboriginalcorporation.org



From: SEELEITHER Jamie <jamie.seeleither@des.qld.gov.au>

Sent: Monday, 7 December 2020 11:35 AM

To: Veronica Bird <veronica.bird@bac-kgari.org>; Jade JG. Gould <[Personal information](#)>

Cc: Dustyn Currie <dustyn.currie@bac-kgari.org>; Amanda Jackson <amanda.jackson@bac-kgari.org>

Subject: RE: Initial Ecological Assessment Process

Veronica

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A/ Principal Ranger – Special Projects



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From: Veronica Bird <veronica.bird@bac-kgari.org>

Sent: Friday, 4 December 2020 7:28 PM

To: gadejould; SEELEITHER Jamie

Cc: Dustyn Currie; Amanda Jackson

Subject: Re: Initial Ecological Assessment Process

Hi Jamie,

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Please confirm details with Amanda who will be back on deck on Monday.

Kind Regards

Veronica

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To: Jade JG. Gould **Personal information up**; Veronica Bird <veronica.bird@bac-kgari.org>

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Regards



Jamie Seeleither

A/ Principal Ranger – Special Projects



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Date : 30/11/2020 10:16:15 AM
From : "SEELEITHER Jamie"
To : "Amanda Jackson"
Subject : RE: K'gari Fire Recovery Effort
Attachment : image002.png;image005.png;image001.png;image003.png;
No problems
Understood.

Cheers

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

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From: Amanda Jackson <amanda.jackson@bac-kgari.org>
Sent: Monday, 30 November 2020 10:14 AM
To: SEELEITHER Jamie
Subject: RE: K'gari Fire Recovery Effort

Hi Jamie

I'll come back to you this afternoon when I get a draft scope from Scott Brook

Thanks

Biralunbar Galangoor (Many Thanks)

Amanda Jackson

General Manager

Butchulla Aboriginal Corporation

5/107 Boat Harbour Drive

PIALBA QLD 4655

07 4124 9144

amanda.jackson@bac-kgari.org



What is good for the land must come first
Do not touch or take anything that does not belong to you
If you have plenty you must share

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From: SEELEITHER Jamie <Jamie.Seeleither@des.qld.gov.au>
Sent: Monday, 30 November 2020 9:38 AM
To: Amanda Jackson <amanda.jackson@bac-kgari.org>
Subject: K'gari Fire Recovery Effort

Amanda

It seems strange with the fire still burning on K'gari but we are getting asked to provide some input for what a recovery process may look like.

QPWS are looking at a three pronged recovery process

- Cultural assessment – lead by BAC with co-ordination from GSA Cultural Unit.
- Environmental assessment – Central office aligned with GSA Operations Support Unit.
- Tourism recovery – GSA K'gari Operations Unit co-ordination with assist from where-ever it can come from.

With this in mind I have been asked to cost out what the cultural impact assessment from the fires may entail.

I am happy to discuss but was thinking along the lines of 2 crews of two people (wages / accommodation/ vehicle hire/ barges /TA) for two months to conduct an assessment. What do you think?

Happy if you need to have a talk with Rachel/ Dustin and Veronica/ **Persona** as well but I am required to provide an initial response by 11 am today. Also happy if you would like to discuss.

Cheers

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal info** | E: jamie.seeleither@des.qld.gov.au

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Date : 8/12/2020 7:13:47 AM
From : "SEELEITHER Jamie"
To : "Amanda Jackson"
Subject : RE: K'gari Fire Recovery Effort
Attachment : image002.png;image007.png;image001.png;image003.png;image005.png;

Thanks Amanda

No real scope from Scott but I am happy to talk through what this may look like with you.

We have put in for some initial survey funding.

Talk when you are back in.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal info** | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

From: Amanda Jackson <amanda.jackson@bac-kgari.org>

Sent: Monday, 7 December 2020 10:01 PM

To: SEELEITHER Jamie

Subject: RE: K'gari Fire Recovery Effort

Hi Jamie

Did you get more information on this from Scott

Amanda

From: SEELEITHER Jamie <Jamie.seeleither@des.qld.gov.au>

Sent: Monday, 30 November 2020 10:16 AM

To: Amanda Jackson <amanda.jackson@bac-kgari.org>

Subject: RE: K'gari Fire Recovery Effort

No problems

Understood.

Cheers

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal info** | E: jamie.seeleither@des.qld.gov.au

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Amanda Jackson

General Manager

Butchulla Aboriginal Corporation

5/107 Boat Harbour Drive

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amanda.jackson@bac-kgari.org



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Cheers

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A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal | E jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558

I give my consent to the traditional and custodial Aboriginal and Torres Strait Island

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Published on DES Disclosure Log
RTI Act 2009

Date : 13/11/2020 8:19:51 AM
From : "SEELEITHER Jamie"
To : "culturalheritage@butchullaaboriginalcorporation.org"
Cc : "General Manager" , "DARGUSCH Marc"
Subject : RE: K'gari Fire Update
Attachment : image001.png;image005.jpg;image002.png;image003.png;

Dustyn

Thanks for the email.

The cultural Heritage of the area would be foremost in the staffs mind over on K'gari (especially when using large machines) but it's always good to remind the IMT. I think the BAC regular briefs (Teams Hook-ups) are a good way to relay specific concerns on locations where they may be conducting fire operations into the future. Happy for you raise the specific examples you may have and you are right we have a known track for this fire (to the south) and if we can look to identify areas that may be of concern in the coming week we should take protective actions if we can.

Talk soon and Thanks for raising this.
Galangoor nyin

Jamie

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal info** | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

From: culturalheritage@butchullaaboriginalcorporation.org <culturalheritage@butchullaaboriginalcorporation.org>

Sent: Thursday, 12 November 2020 10:09 AM

To: SEELEITHER Jamie

Cc: General Manager

Subject: RE: K'gari Fire Update

Importance: High

Thank you very much for this informative update Jamie. Using those aerial images is an excellent visual communication tool, easily understood by anyone unfamiliar with the environment.

As you would be aware, there is a substantial number of **Significant cultural information - Butchulla people - Butchu** I trust that the loader operator is aware of this and all care will be taken to open up the access track. I appreciate the need for the measures to be taken.

I am available to supervise these Ground Disturbance activities (where safe to do so) - at short notice. An adhoc approach to Cultural Heritage Duty of Care is entirely avoidable and I ask that advanced consideration be given to other breaks or assets that may require preventative Ground Disturbance activities. The Telstra infrastructure on **Significant cult** comes to mind as an asset protection priority?

Does any part of the current Wildfire Management Strategy have a component that addresses the need to minimise potential harm to Butchulla (Heritage) Assets?

Can we look into this and get something happening and close the gaps in the way we do things together.

Galangoor nyin (thank you)

Dustyn Currie

Cultural Heritage Officer (K'gari)

Butchulla Aboriginal Corporation

5/107 Boat Harbour Drive

Pialba 4655

P: 07 4124 9144

M: **Personal info**

culturalheritage@butchullaaboriginalcorporation.org



From: SEELEITHER Jamie <Jamie.Seeleither@des.qld.gov.au>
Sent: Wednesday, 11 November 2020 10:18 AM
To: Rachel Killer <rachel.killer@bac-kgari.org>; culturalheritage@butchullaaboriginalcorporation.org
Cc: gm@butchullaaboriginalcorporation.org; Veronica Bird <[Personal information](#)>; Mellissa Foley <[Personal information - ipers](#)>; DARGUSCH Marc <Marc.Dargusch@des.qld.gov.au>
Subject: K'gari Fire Update

Hello All,
Please see below some points of update on the K'gari Fire

- **9mm rain** at Dundubara overnight, similar amount along eastern side of Bowarrady Break (tonight's backburn cancelled)
- Winds are as forecasted and predicted to remain E/SE tending to E on Thursday then N to NNW until Monday
- Fire around Dundubara appears to be out, but IC will wait to see if reactivated in the heat of the day today.
- Fire was burning south of Awinya Creek in moderate to high intensity along swamp section, both sides of Awinya Road west have burnt with low intensity.
- Crews to investigate the possibility of water bombing if any active fire south of Awinya line.
- Planning for Cat loader to prepare road into old Bowarrady lake camp ground to assist in containing fire to NW of Bowarrady Firebreak
- RFS support today will organise 12,000 ltr collar tank to be at Dundubara to assist with chopper fill if required
- Road closed signs to be erected today along Moon Point Rd and Bullock Rd/ Northern Scenic drive intersections
- Slashing of Woralie firebreak by contractors to commence tomorrow – to focus on western side first, for backburn operations if needed.
- BLSR crew to arrive late today for work on fireline tomorrow.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M [Personal info](#) | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

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Date : 2/12/2020 7:02:46 PM
From : "SEELEITHER Jamie"
To : "Cultural Heritage"
Subject : Re: List of Firefighting crews to Date
Attachment : image002.png;
You're welcome.

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From: Cultural Heritage <ch@bac-kgari.org>
Sent: Wednesday, December 2, 2020 6:53:54 PM
To: SEELEITHER Jamie <Jamie.Seeleither@des.qld.gov.au>
Subject: RE: List of Firefighting crews to Date

Gottim thanks jamie

From: SEELEITHER Jamie <Jamie.Seeleither@des.qld.gov.au>
Sent: Wednesday, 2 December 2020 5:30 PM
To: Cultural Heritage <ch@bac-kgari.org>
Subject: List of Firefighting crews to Date

Dustyn
This is the list of fire fighters you were chasing.
It is current to today but will obviously increase over time.

Personal information	Cooloola
	Maryborough
	Maryborough
	Maroochydore
	State Fire Team
Jack Hargreaves	Cairns (GBRMP)
John Atkinson	State Fire Team
Personal information	Rockhampton
	BLSR
	BLSR
	Rockhampton
	Rockhampton
	Rockhampton
	Rockhampton
	Cooloola
	Cooloola
	Cooloola
	Cooloola
	Cooloola
	North Stradbroke Island
	Cairns (Northern Region)
	Cairns (Northern Region)
Joel McLune	Cairns (GBRMP)
Rikki Veronese	Cairns (GBRMP)
Personal information	K'gari
	K'gari
	K'gari
	K'gari
	K'gari
	K'gari
	K'gari
	K'gari
	K'gari
	K'gari
	K'gari
	K'gari
	K'gari

Personal information

K'gari
Cooloola
Cooloola
K'gari
Cooloola
Cooloola
Cooloola
K'gari
Cooloola
Cooloola
K'gari
Cooloola
Cooloola
NSI
NSI
South Stradbroke Island
Cooloola
Fort Lytton
K'gari
NSI
NSI
Moreton Bay
NSI
NSI
K'gari
Maroochydore
Gold Coast
Brisbane
Brisbane
Brisbane
Cooloola
BLS
BLS
K'gari
K'gari
K'gari
MaryBorough
BAC
BAC
BAC
BAC
NSI
NSI
Cooloola
BLS

Wayne Matthews

Manly (GBRMP)

Personal information

Manly
Hervey Bay
Bribie Island
Cairns
Cairns
Maleny
Maleny
Cairns
Cairns
BAC Ancilliary
BAC Ancilliary

Personal information	BAC Wongari
	BAC Wongari
	BAC Fire Crew
	BAC Fire Crew
	Maleny
	Blackall
	Northern region
	Northern region
	Manly (GBRMP)
Richard Orchard	
Personal information	Manly
	Hervey Bay
	Springbrook
	Springbrook
	Maleny
	Gympie
	Gympie
	Springbrook
	Rockhampton
	Rockhampton
	Mackay
	Mackay
	Eungella
	Eungella

Regards

Jamie Seeleither
A/ Principal Ranger ♦ Special Projects



Coastal and Islands Region / QPWS & Partnerships
Department of Environment and Science
P (07) 54596130 | M **Personal info** | E: jamie.seeleither@des.qld.gov.au
12 First Avenue Maroochydore QLD 4558 |
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Date : 2/12/2020 1:53:57 PM
From : "SEELEITHER Jamie"
To : "Veronica Bird"
Cc : "Cultural Heritage" , "gadejould" , "Amanda Jackson"
Subject : RE: Mackenzies Jetty Area
Attachment : image001.png;image004.png;image002.png;

Thanks Veronica
We are still going!!

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558

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From: Veronica Bird <veronica.bird@bac-kgari.org>
Sent: Wednesday, 2 December 2020 1:51 PM
To: SEELEITHER Jamie
Cc: Cultural Heritage; gadejould; Amanda Jackson
Subject: Re: Mackenzies Jetty Area

Hi Jamie,

Thank you so much for your update & feedback regarding Dustyn.

I am pleased IMT are now aware of significant areas Significant cultural information- Butchulla people & where efforts can be focussed.

I am happy for Dustyn to call into IMT tomorrow to discuss Significant cultural Person will also be there to advise.

Keep up the good fight

Veronica

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From: SEELEITHER Jamie <jamie.seeleither@des.qld.gov.au>
Sent: Wednesday, December 2, 2020 12:55:31 PM
To: Veronica Bird <veronica.bird@bac-kgari.org>
Cc: Cultural Heritage <ch@bac-kgari.org>
Subject: Mackenzies Jetty Area

Veronica

I just wanted to let you know that Dustin called into the IMT on the way to K'gari this morning and had a really good yarn to Matt Davies, Tim Killen and myself about cultural values Significant cultural information- Butchulla people - Butchulla people
Significant cultural information- Butch The IMT are now very aware of where protection efforts should be focussed and what is required in each of these areas. We will need to have this sort of detailed discussion for areas around Significant cultural as well in the next day or so. Should we collar Dustin tomorrow on his way off the island.

It was great that Dustin was able to do this and also I fielded some comments from QFES about his positive, and engaging manner. Just wanted to pass that on.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M **Personal info** | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558

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Date : 1/12/2020 7:57:00 PM

From : "SEELEITHER Jamie"

To : "'Amanda Jackson'", "Mellissa Foley", "gadejould", "veebird"

Subject : Re: RE: Water Bombing Strategy for Old Growth Forests [Redacted]

Thanks Veronica

I will touch base with Dustin tomorrow.

Thanks

Jamie

Get [Outlook for Android](#)

From: veebird <veebird@yahoo.com>

Sent: Tuesday, December 1, 2020 7:54:42 PM

To: SEELEITHER Jamie <Jamie.Seeleither@des.qld.gov.au>; 'Amanda Jackson' <amanda.jackson@bac-kgari.org>; Mellissa Foley

[Redacted]; gadejould [Redacted]

Subject: FW: RE: Water Bombing Strategy for Old Growth Forests [Redacted]

Hi Jamie,

Please see proposed Water Bombing Strategy below from Dustyn for [Redacted]

As advised in my previous email please speak to Dustyn about a Water Bombing Plan for [Redacted]

The Plan below may be a similar approach that Dustyn may recommend for [Redacted]

Kind Regards

Veronica

Sent from my Galaxy

From: Dustyn Currie

Sent: Monday, 30 November 2020 9:28 PM

To: Veronica VB. Bird <[Redacted]>; Amanda Jackson <amanda.jackson@bac-kgari.org>; General Manager <gm@bac-kgari.org>

Cc: Rachel Killer <rachel.killer@bac-kgari.org>; Chantel Van Wamelen <chantel.vanwamelen@bac-kgari.org>

Subject: Water Bombing Strategy for Old Growth Forests [Redacted]

Brief

- Saltwater has varied degrees of saline density associated with seasonal changes on Butchulla Country. Right now the sodium density is high, meaning that for every cup of saltwater taken, you have a higher volume of residual salts in the cup (after the water has evaporated, net weight of residual salt in the cup is of a greater mass).
- Deposition of saltwater on the forest canopy will leave caking salt residues on the leaves, therefore reducing the trees ability to photosynthesise and adequately recover from the trauma of the wildfire event. Any saltwater that reaches the forest floor is anticipated to be suspended within the dense leaf matter and not penetrate into the sub surface soils which may affect the root systems.
- Water bombing efforts - including the use of GEL- were ground proofed by myself on the [Redacted] today and I am satisfied that the GEL used bears minimal residual effects at this time. Follow up monitoring will be a vital component of our Post Event Surveys and to clinically validate the long term outcomes, for the effects it has had on our Country.

Recommendation

- 3:2:1 drop strategy

3 parts saltwater over a given transect (line, point to point)

2 parts freshwater over same transect to rinse off suspended sodium/saltwater on leaves/crown of vegetation

1 part GEL retardant over same transect to inhibit heat source progression (slow him up)

MUST be done in this sequence and ratio to mitigate long term harm to Butchulla Country.

I have conferred with forest ecologists who are familiar with K◊gari, before making these recommendations.

We cannot stop the kirra but we can guide where it goes.

Galangoor nyin (thank you)

Dustyn Currie

Cultural Heritage Officer (K◊gari)

Butchulla Aboriginal Corporation

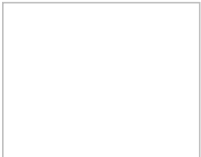
5/107 Boat Harbour Drive

Pialba 4655

P: 07 4124 9144

M: Personal inform

culturalheritage@butchullaaboriginalcorporation.org



Date : 17/11/2020 2:47:33 PM
From : "SEELEITHER Jamie"
To : "Rachel Killer"
Subject : RE: Water Bombing Queries
Attachment : image002.png;image004.png;image001.png;
Thanks Rachel
I will grab that information together and put something back to you.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

12 First Avenue Maroochydore QLD 4558 |

I give my respect to the traditional and custodial Aboriginal and Torres Strait Island Elders and Owners of the Land in which I work, Live and walk.

From: Rachel Killer <rachel.killer@bac-kgari.org>

Sent: Tuesday, 17 November 2020 2:31 PM

To: SEELEITHER Jamie

Subject: Water Bombing Queries

Nara Jamie,

At the fire briefing yesterday Marc mentioned there had been some water bombing done to date.

Are you able to provide information on the following please?

- What dates was water bombing conducted
- What areas were water bombed
- What was the strategy
- What was the conditions
- How effective was it

Regards

Rachel

Rachel Killer

Program Coordinator

Butchulla Aboriginal Corporation (BAC)

Shop 5/107 Boat Harbour Drive

Pialba, Hervey Bay 4655

pc@bac-kgari.org

Phone: (07) 4124 9144

Mobile: Personal info



What is good for the land must come first

If you have plenty you must share

Do not touch or take anything that does not belong to you

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Date : 14/11/2020 12:21:00 PM

From : "SEELEITHER Jamie"

To : "Veronica Bird" , "Melissa Foley (Personal information - personal)"

Cc : "Rachel Killer" , "Amanda Jackson" , "culturalheritage@butchullaaboriginalcorporation.org"

Subject : Saturday update on K'gari Fire

Attachment : image001.png;image002.png;

Hello All

Please see below an update on the Kgari Fire.

- Moderate winds (~30 Km) from North today and the BoM have forecast Very High to Severe FDR for parts of SE Qld over the next 2 – 4 days
- Fire south of Awinya Creek has burnt down South of Woralie break on Western side (remote sensing)
- Fire now south of Bowarrady break approximately, 1.6 K north of Cathedral beach
- Crews preparing Cathedral beach for direct attack if fire approaches before 1600
- Planning to backburn northern edge of Cathedrals outer fire break after 1600 if fire is still not on site by then, last few days conditions for backburning favourable after 1600 wind not as strong as predicted (see sabre reports)
- RFS 12,000 ltr collar tank setup at Cathedral Beach helipad - using as additional water point – helipad too small to use there, needs redeployment for helicopter use, preferably beach front area
- QFES support officer on site
- Road closed erected along Moon Point Rd and Bullock Rd/ Northern Scenic drive intersections; Woralie Road eastern beach closed
- Slashing / scraping Significant cultural information - Butchul Happy Valley Tomorrow, then back to around K'gari area – slasher crew to depart Sunday AM TBC
- Extra QPS assistance on site ; PSPA trigger to yet be determined, air observation on route, predictive mapping requested via QFES
- Smoke alert to be issued

I will provide an update when I can.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

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Date : 17/11/2020 10:51:16 AM

From : "SEELEITHER Jamie"

To : "Rachel Killer" , "Amanda Jackson"

Subject : Some Urgent requests from the K'gari Fire IMT

Attachment : image001.png;image002.png;

Rachel/ Amanda

The IMT for the fire has asked me several questions regarding the management of the fire to ask BAC

1. Can they (the IMT of the fire) utilise a lake on the island to fill up with water with helicopters to use directly on the fire

The specific request is for the Helitak to be able to refill out of a nearby lake on the island – nearby to where they are dropping. The reasons for this are

- Alternatives are to pick up water from:
 - o East Booral on the mainland
 - Significant reduction in amount of drops due to increased turn round times
 - Significant increase in fuel use during ferrying.
 - o Use collar tank on the island
 - Helipad needs to be a minimum of 30 metres diameter with a gradual departure path for the chopper to depart under load, and
 - Accessible to a water source capable of sustaining up to 36,000 litres per hour for up to 5 hours
 - Cathedral Beach – too small
 - Happy Valley
 - LZ large enough (AW139 EMQ uses the pad)
 - Water supply – seriously challenged (Bore 3,500 litres per hour)
 - Would need to check with QAS re closing the LZ to Aeromed evac as a consequence
 - Orchid Beach
 - Side of airstrip without impact Fixed Wing Operations.
 - I understand there is adequate bore flow but confirmation would be good

Protocols

- **Belly tank could be cleansed prior to departure for Fraser Island**
- **If contamination is a concern then no use of gel etc, however this would reduce drop persistence from 3 hours to 20 minutes max depending on local weather conditions**

Overall the ability to use a nearby lake would increase the effectiveness of Helitak operations by:

- Significantly reducing turn round time between drops
- Increasing litres per hour delivered, and
- Increased likelihood of success in pulling up any spot overs

2. The provision of a cultural advisor to Significant cultural information - Butchulla people - Butchulla people as a road to back burn from.

Is Dustyn still on the Island and is he the logical choice??

I will ring Rachel to discuss now or it can be discussed in the 11 am meeting with Amanda.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

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Date : 1/01/0001 12:00:00 AM

Subject : to BAC

Attachment : Fwd: K'Gari Wilfire Mapping 20201203 1600hrs;Extraction data from aircraft;Old growth trees;Request for information to BAC;

Regards

Graeme Bulley

Senior Ranger North Stradbroke Island

Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

Mob Personal inform

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Date : 3/12/2020 5:42:23 PM
From : "BULLEY Graeme"
To : "dustyn.currie@bac-kgari.org", Personal information type
Subject : Fwd: K'Gari Wilfire Mapping 20201203 1600hrs
Attachment : image001.png;image002.png;

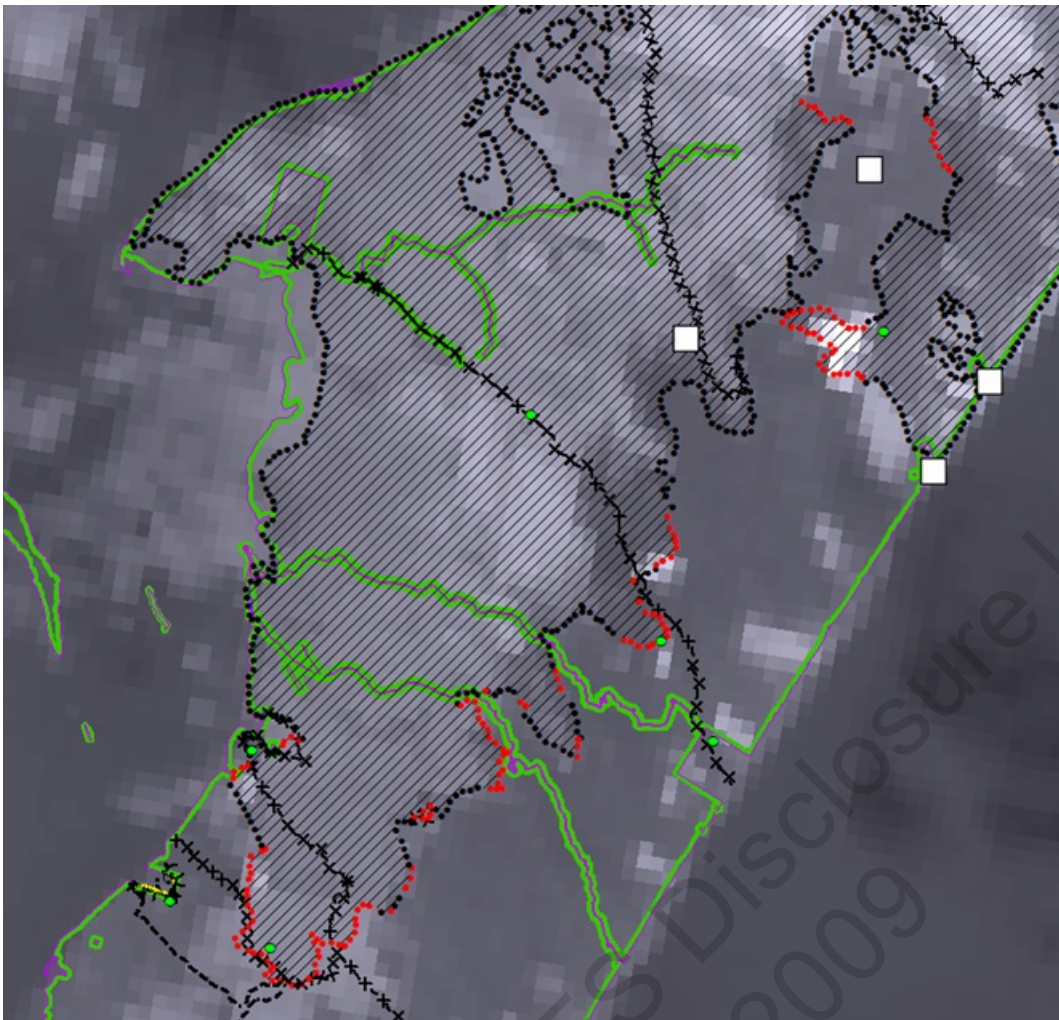
Graeme Bulley
QPWS North Stradbroke Island Island
Phone Personal information type
Sent from my iPhone

Begin forwarded message:

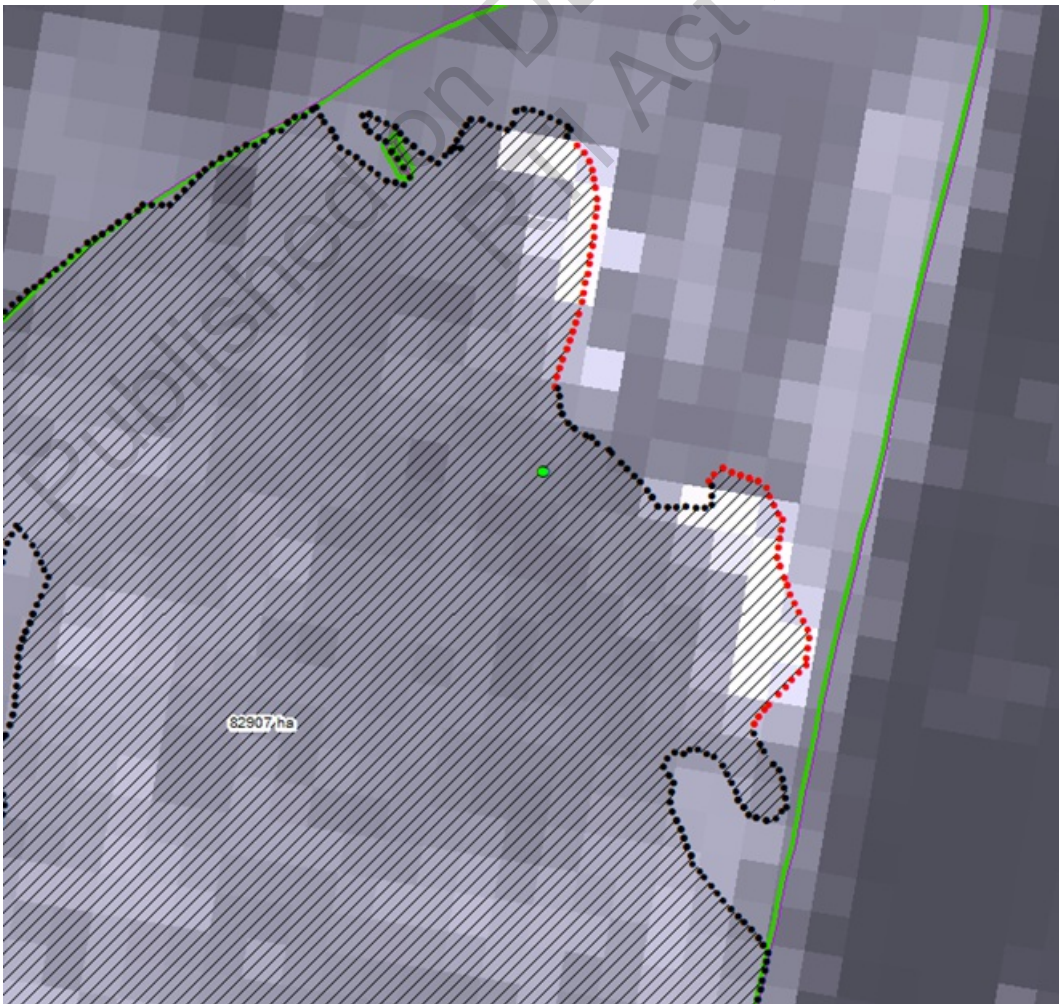
From: HOOLIHAN Dave <Dave.Hoolihan@des.qld.gov.au>
Date: 3 December 2020 at 4:36:49 pm AEST
To: MIDTAUNE Kristiane <Kristiane.Midtaune@des.qld.gov.au>, BEHRENDORFF Linda <Linda.Behrendorff@des.qld.gov.au>, CONNOR Nathan <Nathan.Connor@des.qld.gov.au>, CIR Fire Team <CIR.FireTeam@des.qld.gov.au>, HARRIS Bluey <Bluey.Harris@des.qld.gov.au>, BULLEY Graeme <Graeme.Bulley@des.qld.gov.au>, DARGUSCH Anthony <Anthony.Dargusch@des.qld.gov.au>, ATKINSON John <John.Atkinson@des.qld.gov.au>, MCLAUGHLIN Marty <Marty.McLaughlin@des.qld.gov.au>, EDMED Greg <Greg.Edmed@des.qld.gov.au>, MACDONALD Stirling <Stirling.MacDonald@des.qld.gov.au>, DAVIES Matt <Matt.Davies@des.qld.gov.au>, WALLACE Lyn <Lyn.Wallace@des.qld.gov.au>, MUSIAL Adam <Adam.Musial@des.qld.gov.au>, HARGREAVES Jack <Jack.Hargreaves@des.qld.gov.au>, BROOK Michelle <Michelle.Brook@des.qld.gov.au>, "amanda.jackson@bac-kgari.org" <amanda.jackson@bac-kgari.org>, BROOK Scott <Scott.Brook@des.qld.gov.au>, "HARRIS Paul (Byfield)" <Paul.Harris@des.qld.gov.au>, PRIOR Jade <Jade.Prior@des.qld.gov.au>, RICHARDS Samuel <Samuel.Richards@des.qld.gov.au>, KLEKAR John <John.Klekar@des.qld.gov.au>, Richard Onn <richard.onn@qfes.qld.gov.au>, BRECKNELL Teresa <Teresa.Brecknell@des.qld.gov.au>, EDEN Jodie <Jodie.Eden@des.qld.gov.au>, PURCHASE Dylan <Dylan.Purchase@des.qld.gov.au>, SCC Qpws <QPWS.SCC@des.qld.gov.au>
Cc: Spatial Services <Spatial.Services@des.qld.gov.au>
Subject: K'Gari Wilfire Mapping 20201203 1600hrs

Good afternoon,
I have updated fire mapping products [available at this location](#). The fire has been updated using VIIRS hotspots from 1341hrs today and MICA at 1400hrs. If you want to see the source layers or print out your own map you can use QPWS Fire Operation web application and other web services under [BurnView Tools](#).

South (VIIRS)



North



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Date : 3/12/2020 7:08:54 AM
From : Graeme.Bulley@des.qld.gov.au
To : "DAVIES Matt" , "dustyn.currie@bac-kgari.org"
Subject : Extraction data from aircraft

Matt

Dustyn has requested ASAP a compilation of the fresh water lake extraction figures from the aircraft.
Concern that extraction from the lakes does not exceed refill capacity.

Graeme Bulley
QPWS North Stradbroke Island Island
Phone Personal in
Sent from my iPhone

Published on DES Disclosure Log
RTI Act 2009

Date : 1/12/2020 6:13:39 AM
From : "BULLEY Graeme"
To : "ch@bac-kgari.org"
Cc : "rachel.killer@bac-kgari.org"
Subject : Old growth trees

Morning Dustyn,

Just following our conversation last night.

Use of sea water in the 3:1 ratio which we discussed is endorsed where sea water is the most viable option for rapid turn around of aircraft. For every 9000lt of sea water put onto the area a further 2000 lt of fresh water is to be put over the same area to wash the salt of the foliage followed by 1000 lt of gel.

As a question if they are not using gel should the ration be 9000 lt sea water followed by 3000 lt fresh to wash the salt?

Further to that Rachel mentioned last night that she thought that there were Gambusia in the Kingfisher pond system. If this is the case should these be quarantined for use of aircraft?

Regards

Graeme Bulley

Senior Ranger North Stradbroke Island

Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

Mob Personal inform

Date : 17/11/2020 4:30:40 PM
From : "BULLEY Graeme"
To : "SEELEITHER Jamie"
Cc : "BEHRENDORFF Linda"
Subject : Request for information to BAC

Jamie,
Dustyn Currie has requested that information about the fire , areas burnt, operational plans and footage of the burn water sources used etc be sent to Amanda Jackson, of BAC. gm@bac-kgari.org
Can you please assist with this request?

Regards

Graeme Bulley
Senior Ranger North Stradbroke Island
Coastal and Islands Region / QPWS & Partnerships
Department of Environment and Science

Mob Personal information

Date : 1/12/2020 4:48:58 PM
From : "SEELEITHER Jamie"
To : "Veronica Bird"
Cc : "Rachel Killer" , "amanda.jackson@bac-kgari.org"
Subject : Use of Fire Retardant
Attachment : image001.png;image002.png;

Hello Veronica/Rachel

The IMT is looking at the possibility of defending Kingfisher resort for the next couple of days.

They have asked for the BAC 's view on the use of fire retardant gel.?

Is this something that you provided previously for this fire? (I remember the water bombing and use of water stance but don't remember seeing one on gel retardant use apart from Dustin's response this morning Significant cultural information- But null)

If you have it previously please forward to me. They would like this advice to plan tomorrows works

Thank you in Advance and Apologies.

Regards

Jamie Seeleither

A/ Principal Ranger – Special Projects



Coastal and Islands Region / QPWS & Partnerships

Department of Environment and Science

P (07) 54596130 | M Personal info | E: jamie.seeleither@des.qld.gov.au

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Date : 18/11/2020 11:55:38 AM

From : "SEELEITHER Jamie"

To : "Veronica Bird" , "Melissa Foley"

Cc : "Rachel Killer" , "Amanda Jackson" , "ch@bac-kgari.org"

Subject : Wednesday Morning K'gari Fire Update

Attachment : QPWS_A3_20201118_0830_Great Sandy National Park.pdf;image001.png;image002.png;

Good morning all,

Weather conditions: K'gari experienced some rain in critical areas overnight and cooler conditions are being experienced currently and predicted for the next couple of days. Moderate winds (~20 km/hr) Easterly today turning ESE early tomorrow through to Northerlies from early Monday.

Note: attached map of burnt areas of island and red denotes going fire (as plotted by air obs this morning)

Sector breakdown:

1. **North (Sandy Cape) Sector**

Current situation - Fire at Sandy Cape still estimated by air observers this morning to be 4km from the western break and around 3-4 days with prevailing winds from the lighthouse area.

- Main fire has a 5+km front moving easterly south of Lk Maroong moving towards North Ngkala, flanking traveling towards Browns rocks- air observations to be completed every second day at Sandy cape.
- Preparing crews for securing infrastructure arrive Thursday and expected ignition from lighthouse infrastructure on Friday (3 crews+1 SC Matt P).

2. **Eastern sector (Cathedrals/K'gari camp)**

Current situation - **23 mm rain fell** on Cathedrals this morning (to 9am) easing conditions. 1x RFS truck patrolling today.

- Fire has settled north of Cathedral beach and was burnt back by crews last night successfully to the northern dune and beachfront. Currently being monitored by RFS today.
- Due to topography, fuel variations and weather influence it is predicted to move westerly and around the northern dune that will require defending. Overgrown break reopened 1.3 blade width (prev 4 blade) from Nulla Kunggur SB to the Cathedral's western FB can be lit off for defence tactics.
- Previous QFES Water and gel bombing activities recommenced commenced yesterday afternoon initially slowing the progression of fire to the beachfront.
- Fire is still predicted to come around from the west, around the sand dune to the veg finger on western section between the southern and northern sand dunes..
- Back burning Western and Southern edge of Cathedrals outer fire break will be attempted if required.
- RFS 12,000 ltr collar tank remains setup at Cathedral Beach helipad – currently full of water where required. Could be moved south to HV in preparation for possible defence campaign.
- PSPA remains deactivated- removal of personnel occurring as required.

3. **Southern sector (Moon Pt Rd - Happy Valley)**

Current situation - **Fire is reported to have remained ~100-200m north of Moon Pt. road and is likely to meet the road today.** 2 x QPWS, 1xBAC and 3xRFS crews were deployed to investigate 3 hotspots off the rainforest belt east of the northern forest walk approx. 9-11km west of Happy Valley. Monitor and advise progress. Objective is to keep the fire north of the Moon Point Road/

- The active fire on the north western side is moving in a north westerly direction. Movement of this will be influenced by the SE change and weather conditions.
- **3.8 mm rain fell on Happy Valley** this morning
- Logistics for mulching plant and equipment contracted for Moon Pt Rd to assist in mitigating fire crossing the track from 10am tomorrow.
- **Significant cultural information-**
- A rain gauge will be deployed to Moon Pt Rd this morning for accurate rain reading.
- Road closed sign remains erected along Moon Point Rd and Bullock Rd/ Northern Scenic drive intersections; Woralie Road eastern beach closed.
- Slashing / scraping **Significant cultural information- Butchill** Happy Valley completed, Kooloro sand blow break slashing recompleted.
- Happy Valley Road to be slashed and prepped today as back up for Moon Pt Rd breach.
- KBRV – protection – As per 20201117_DulingWildfire_SituationAnalysis document being prepped for submission outing breaks for prepping (Poyungan-smith Road, old happy valley Rd, Dundonga firebreak).

4. **Orchid Beach Sector (Middle Rock/Indian Head)**

- Being monitored and investigated as required.
- Still expecting active fire south of Indian Head and several kilometres north and south of Dundubara

5. **Dundubara sector (Dundubara)**

- Being monitored and being patrolled.
- Still expecting active fire south of Indian Head and several kilometres north and south of Dundubara.

Media – DES media can contact QFES media for imagery.

Park alert – Moon Pot Rd Closed west from Lake Garrawongera turn off – signs put in place.

IMT –

- 2 QFES support officers on site (Dundubara)

- Extra QPS assistance on island
- Extra QAS on island
- FLAME / Firecom updated 16:00

IC

DAY

Sunday– Wednesday AM Linda Behrendorff

Wed PM—Sunday – Matt Davies

Logistics Support

Mid Monday – Thursday Grahame Bully

Jenna Tapply - Eurong

CIR Fire team resources allocated to Duling WF

-

Ground Crews – Wednesday

Day

2 x NMU

1 X BAC

2 X RFS 51's

1 x RFS 41

0 X SMU

-

Night – Currently at Cathedrals.

1.5x NMU

2 x NSI

1 X RFS 51

Incoming crews – TBA

CIR team sourcing 4 x Crew for SW sector and 3 crew for SC sector

SMU x 1

-

Regards

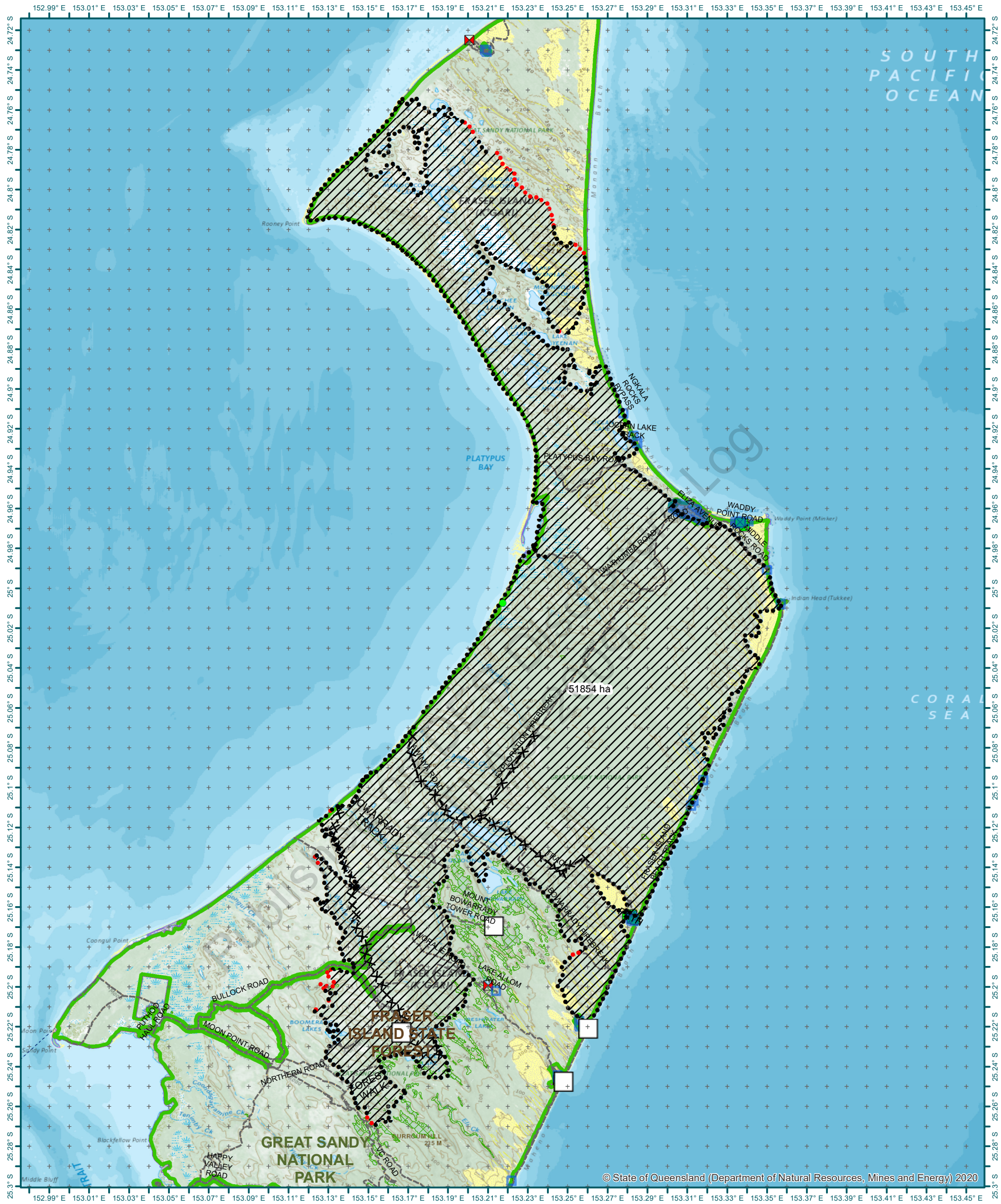
Jamie Seeleither

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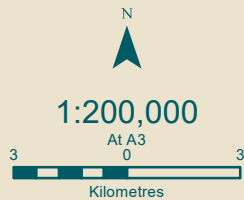
FIRE ACTION MAP
Great Sandy National Park
MICA data 18/11/2020 0800hrs, VIIRS Hotspots and Imagery 18/11/2020 0200hrs

Edition: November 2020

- Legend**
- XX Fire Control Line - Completed
 - XX Fire Control Line - Planned
 - Fire Edge - Active
 - Fire Edge - Inactive
 - /// Burnt Area - Current
 - Qld Building Points
 - Baseline roads and tracks Queensland
 - Streets
 - 4WD tracks
 - Ferry
 - Bikeways / Walkways
 - Gate, Unlocked/Unclassified
 - Gate, Locked
 - QPWS estate
 - Fire Regime Groups - Southeast Queensland
 - Rainforests



File O Release



Date: 18/11/2020
Time: 8:43:17 AM

Coordinate System: GCS GDA 1994
Horizontal Datum: GDA 1994

CAUTION
For all practical purposes the GDA 94 datum is the same as WGS 84. When using Global Positioning Systems (GPS) in conjunction with this map the GPS datum must be set to GDA.



Queensland Government

Queensland Parks and Wildlife Service, Department of Environment and Science.

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