



SCS Global

Beth Jacqmain

Brendan Grady

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Re Submission to the FSC accreditation assessment of VicForests

Dear Ms Jacqmain, Mr Grady

Kinglake Friends of the Forest Inc, KFF, is a not for profit environment organisation established for people who want to learn about, discuss and advocate for the preservation of the native forests in Kinglake and the Central Highlands. Our group was established in Dec 2018 and incorporated in August 2019.

Kinglake Friends of the Forest Inc submit that

1. Statements made by VicForests personnel during engagement with stakeholders are unreliable.
2. VicForests stakeholder information communication process is so flawed that effective engagement by Stakeholders such as our group with VicForests is impossible.
3. Flaws within the VicForests High Conservation Values and Management Systems methodology document include lack of cohesion, lack of definitive description and ambiguities. These flaws leave the model open to interpretation and potential abuse.
4. The Scientific Guidelines by which VicForests claim to base the Management systems model were significantly altered between the draft document dated June 2019 and the final document dated August 2019. There is no evidence provided of any change in Scientific thinking over the 10 week period between the draft and the final document release.

Discussion and evidence to back up our concerns is provided below.

Please pass our concerns onto the relevant assessment body.

Regards

Sue McKinnon

President Kinglake Friends of the Forest Inc

kinglakefriendsoftheforests@gmail.com



Discussion and evidence

1. Statements made by VicForests personnel during engagement with stakeholders are unreliable.

Our interactions with VicForests shows that statements made by VicForests personnel cannot be relied upon.

Reliability of information provided in meetings with VicForests personnel

Court case illustration

5th June 2019

During the Friends of Leadbeater's Possum vs VicForests court case, VicForests stated that the new systems would be implemented from the 1st July.

The wording in the court case is seen on the transcript, Line 20 page 163, 5/6/19:

"VicForests, according to Mr Paul's fifth affidavit, is intending to complete the work on the HCV – that's the High Conservation Value document – by September this year. And in respect of the systems document which represents VicForests' silvicultural policy, he says on and from 1 July this year the systems document will represent VicForests' silvicultural policy, and that policy will apply to VicForests timber harvesting operations, including regeneration on and from 1 July 2019 for the eastern forest management unit, which includes the CH – the Central Highlands Regional Forest Agreement area. He notes, though, that in the meantime, even prior to that, VicForests' practice is to identify coupes in which the adaptive silvicultural systems described in that document can apply." (my underlining)

(See reference iii for link to full court transcripts)

Logging operations (other than roading) in the "Spyglass" Coupe in Kinglake began on July 1st. yet VicForests did not implement their new HCV systems. VicForests rationale for not using their new draft HCV harvest systems in Spyglass was provided by Mr Paul Bird on July 26th 2019 in an email to Kinglake Friends of the Forest;

"Given the draft status of these documents, the Spyglass coupe is by necessity a transitional coupe in that the inception of planning pre-dated the continuing evolution of the documents.

Tree retention

Given the transitional nature of the coupe, (Spyglass) and the draft nature of the Systems documents, this coupe was not planned as a selection harvesting operation."

(see appendix C full email)

The statement appears to be either untrue or misleading; planning for the Spyglass coupe was at least partially carried out after the end of the 'continuing evolution of the documents' - The final draft HCV documents – after evolving a number of times since Feb 2019, were written on the **31st may 2019 and the 3rd June 2019.**



On Wed, **Jun 12**, 2019 at 1:43 PM Liz Langford (VF) <liz.langford@vicforests.com.au> wrote: Dear Sue.... " 295-539-0001 – planning has not been completed for this coupe"

(See Appendix E Note 2 for full email) - NB: 295-539-0001 is Spyglass coupe.

It was not until **June 27th** that the harvest plans were finalised and provide to Kinglake Friends of the Forest. This is over 3 weeks after the final drafts of the HCV systems were written and several months after VicForests had applied the new systems in Castella and in the Strathbogies.

While it may be that "*inception of planning*" may have pre- dated the continuing evolution of the documents – this can be said for every coupe on the current Timber Release Plan in Victoria, as inception of planning for every coupe is dated well before the Timber Release Plan is written.

Vicforests own documentation states that planning for coupes begins even before the Timber Release plan is approved; "*Prior to any harvesting a thorough multi-layered planning process is undertaken to consider the management of the many environmental and other values present in the forest. Following this process, a proposed Timber Release Plan (TRP) is prepared and submitted to the VicForests Board for approval*" <http://www.vicforests.com.au/planning-1/timber-release-plan-1/timber-release-plan>

Will VicForests argue that for every coupe on the current Timber Release Plan "*inception of planning pre-dated the continuing evolution of the documents*"?

It is clear from the correspondence about harvest maps referred to above that the planning of tree retention / harvest systems in Spyglass was occurring after the final draft of the HCV management and harvest system was written. It appears also that harvest plans and maps are easily modified at any stage as we have seen 2 versions of the harvest map for Spyglass since 27th June 2019. See appendix D

We do not accept that there was any reason to not implement the new HSC harvest systems for Spyglass, and the statement made in the court case affidavit was not upheld. Such unreliability in communications from VicForests makes effective Stakeholder engagement impossible.

The statement made during the court case Friends of Leadbeater's vs VicForests has been shown to be incorrect, and the intention of the authority at the time of the statement must have been contrary to the statement.

Meetings illustrations

The meetings with VicForests give an indication of the difficulty in dealing with VicForests. In the VicForests meeting with Carole Dunn and her representatives (some members of Kinglake Friends of the Forests were present at Carole Dunn's meeting to support her) on the 29th June 2019, the VicForests' management team replied in the affirmative when asked if the Spyglass coupe was to be harvested in compliance with the new draft HCV systems. (see Statutory declarations appendix A). Vicforests managers, Mr Paul Bird and Mr William Paul also told the Kinglake Friends of the Forests in a meeting on the 18th July that the new HCV systems were being employed in Spyglass, though claimed that VicForests were having trouble applying the systems due to lack of skills. (see Statutory declarations appendix A). Yet 8 days after this meeting VicForests admitted what was obvious to us, that the new HCV systems were not being employed in Spyglass.



Misleading Greater Glider survey “comparison” illustration

VicForests response to our request for post-harvest Greater Glider surveys in Castella Quarry coupe was misleading. Instead of providing a full post-harvest survey with methodology and data, as would be expected in any request for a survey, VicForests provided a brief statement that;

*“May 8: There were 5 Greater Glider detections in the harvest area
July 31 (post harvest): There were 6 Greater Glider detections in the harvest area”*

See Appendix E NOTE 10 for email

A reasonable interpretation of this statement would be that there were more Gliders detected after harvesting than before. The omission of methodology and full survey report makes the response misleading.

It was only after a specific request for provision of methodology that it was revealed that the post-harvest survey was carried out over “a 1.5 km transect” See Appendix E NOTE 10 for email

No mention was made by VicForests that the Pre-harvest survey is a 1 km transect survey. (see reference i for pre harvest survey methodology)

The fact that the pre-harvest survey covers only a 1 km transect while the post-harvest survey covers a 1.5 m transect is a serious omission that makes this response also misleading.

Despite further requests, (see Appendix E FSC stakeholder engagement table row 9) no methodology has been provided for the post-harvest surveys or full survey report. Variables which make it impossible to compare with pre harvest surveys include transect length as discussed above, transect width, number of surveyors, pace of walking the transect equipment.

See Appendix E NOTE 10 for emails

Despite specific requests, (appendix E row 8 and Note 10) VicForests have also refused to indicate tree retention data in the areas surveyed and date that logging finished in those areas. Timing of post-harvest survey relative to date logging finished is important as Gliders may survive for some days after logging as discussed on page 241 Hugh Tyndale and Biscoe, Life of Marsupials Reference iv

2. VicForests stakeholder information communication process is so flawed that effective engagement by Stakeholders such as our group with VicForests is impossible.

VicForests' means and methods of consulting with stakeholders are insufficient with respect to:

- *Method of information dissemination*
- *Avoidance of engagement by VicForests*
- *Timeliness, clarity and accuracy of information being provided to stakeholders*



Method of information dissemination

VicForests have not developed a system where by documents required by the community to engage with VicForests are readily available. Community members must ask and re- ask for critical documentation such as scheduling of harvesting; harvest plans and maps; fauna and flora surveys; High Conservation Value maps etc. Provision of documents requested by community members is repeatedly delayed and when eventually provided is incomplete and inadequate.

(See Appendix E; table KFF – VF interactions)

Avoidance of engagement by VicForests:

Vicforests did not hold a community meeting or drop in information session in Kinglake to inform residents. (See Appendix E; table KFF – VF interactions row 1)

Despite the extensive work by KFF members, other community members and Wildlife of the Central Highlands members to survey and report the presence of a high density of Greater Gliders in the coupes planned for logging in Kinglake, and our request to not log these habitats, VicForests replied with a single statement ; *“All coupes mentioned are available for harvest via approved the Timber Release Plan”*

There was no notification given to Kinglake Friends of the Forest of date that logging was to commence despite our clear interest via email

The provision of a Coupe plan and High Conservations Value Map 2 working days before logging commenced despite our repeated requests for this over 6 weeks does not provide opportunity to input into operations. (See Appendix E; table KFF- VF interactions row 4) Kinglake Friends of the Forest specifically requested a meeting after seeing the harvest plan. Although VicForests agreed to a meeting, it was delayed by VicForests while logging commenced. (See Appendix E; table KFF – VF interactions row 6)

Timeliness, clarity and accuracy of information being provided to stakeholders

There is no opportunity for input into operations if critical documentation to allow such input is delayed, not available, or in some format which VicForests cannot share. Kinglake Friends of the Forest have found that gaining access to critical documents is problematic.

Information was repeatedly delayed, not provided at all, or not provided in time to allow for informed engagement before logging commenced.

(See Appendix E; KFF–VF interactions table rows 3 and 4)

Illustration 1

In the case of Spyglass coupe in Kinglake, despite initial requests for a harvest plan and map on the 22nd May, this was not provided until 6 weeks later; 27th June which was 2 working days before harvesting began and was after road works had been completed. This was the day that logging equipment arrived, we were unaware of how close logging was at the time.

(See Appendix E KFF – VF interactions table row 4)

Illustration 2

Tim McBride in his statement to the Federal court in the same case, Friends of Leadbeater’s Possum Vs VicForests stated *“Right now my team has actually crafted a pre-harvest – an intensive pre-harvest survey program that evaluates and assesses all coupes, going forward with a one hectare plot basis, a system of one hectare plots 5 within ash forest and a one hectare per two – or, sorry, a one plot per two hectare system in mixed species forest. And within those plots we are capturing all habitat trees within 30*



metres of the plot centre and recording those. *The application was actually designed and built by VicForest such that we can identify spatially every habitat tree within 10 that plot and to the degree that we're capturing a suite of attributes or characteristics on each tree to be including species, diameter, height, numbers of hollows, what types they are, estimated sizes of those hollows as well, the age class or the form of the tree, whether it's alive or dead. Those basic attributes are captured within these plots across all coupes.*

When you say they are captured, how?---Again, they're spatially captured. So they're – foresters are physically going to them and recording an X/Y coordinate that can then be incorporated back into a geographic information system to display them spatially.

And when is this procedure you've just outlined to her Honour going to commence?---**So it has already commenced.**

Lines 5 – 20 on page 388 of the transcript for Friends of Leadbeater's Possum vs VicForests, see reference iii for link

On September 29th 2019 we requested this data for these coupes. our request was repeated two more times. On November 8th 2019 we still do not have this data. The response from VicForests is that the data is in a format which cannot be shared.

(See Appendix E; Table KFF – VF interactions row 8)

The reluctance of VicForests to reveal this critical information is alarming. The significance of the density of habitat trees is immense and it is critical for effective stakeholder engagement that we are provided this data – particularly for coupes that clearly have a large number of habitat trees.

We believe that the following coupes contain areas where density habitat trees greater than 10 per hectare;

Wallaces coupe in Kinglake, and Mr Ed, Brumby, Pony and Saddle Up in Toolangi

We believe these densities occur over a large, if not entire range of the coupes.

According to the new HCV management system, this density of habitat trees would trigger the guide for the coupe or areas of the coupe to be selective tree harvested. See p 23 VicForests' Harvesting and Regeneration Systems

"Guidelines for Mixed species:

Selection harvesting is used where more than 10 habitat trees per hectare are identified".

We also believe that Spyglass had a habitat tree density of over 13 per hectare which should have triggered the prescription for Selective tree harvesting if VicForests had applied their new draft HCV methods at the time – the methods that they stated in court that they would apply from July 1. The draft document at that time stated

"Prescriptions for Mixed species:

Selection harvesting is used where more than 13 habitat trees per hectare are identified"

Illustration 3

Inconsistent information



On Thursday 3rd October Liz Langford replied to an email regarding Pre Harvest Surveys and said that "I do know that Recharge is not on the schedule – this has been communicated to Kinglake Friends of the Forest in a couple of separate emails"

I believe that Liz may have been confusing Recharge (295-518-0003) with Chyser Creek (295-536-0021)

Recharge appears to be very much on the schedule and appears in the "contingency" section of the current rolling operations plan. (see appendix B)

On the 4/6/19 Liz said that "... 295-518-0003 – planning has not been completed for this coupe 295-536-0021- an approved Timber Release Plan Coupe, but is not on the current plan for harvest." See appendix E Note 6 for full email

While mistakes can happen, if data was routinely available on the website, these kinds of mistakes would be minimised.

HCV DOCUMENTS

1. **Flaws within the VicForests High Conservation Values and Management Systems methodology document include lack of cohesion, lack of definitive description and ambiguities. These flaws leave the model open to interpretation and potential abuse.**

and

2. **The Scientific Guidelines by which VicForests claim to base the Management systems model were significantly altered between the draft document dated June 2019 and the final document dated August 2019. There is no evidence provided of any change in Scientific thinking over the 10 week period between the draft and the final document release.**

Letter from member of Kinglake Friends of the Forest, Leigh Wykes re assessment of HCV documents

To whom it may concern:

Kinglake Friends of the Forest (KFF) is a small group formed in an attempt to protect the habitat of a healthy population of threatened Greater Gliders within our local, Mount Robertson State Forest, threatened by VicForest (VF) clearing. In July 2019 we undertook an assessment of VF High Conservation Methodologies, which is attached. While this assessment may not be scientifically rigorous its author, Leigh Wykes, has a BSc.(biological sciences), MLArch.(U. Melb) and a lifelong passion for the environment. The assessment found the preliminary HCV Methodologies extremely wanting, with no pretense of scientific rigour (see attached document). Changes in the final HCV Methodologies document and implications for harvest methodologies are equally concerning. The following points should be considered in assessing VF methodologies and implementation of:

- 1).VF's High Conservation Methodologies final document removed from the scientific guidelines for this document, the words:"select the largest and healthiest trees"(for retention) from the line " select the largest



and healthiest trees available to maintain habitat connectivity or recruitment to provide habitat in the future, and minimize risk of tree mortality or collapse in the near term;" (see appendix H). It is significant that these are the only key descriptors removed from the final document and that these words (select the largest and healthiest trees) are equally important to the success of the model as they are to VF maximization of timber volumes. Contrary to this guideline, VF claim that only trees unsuitable for harvesting can be considered H1 trees for protection under this model (W. Paul. Meeting with KFF, July 18, 2019). It is difficult to believe that scientific thought has changed within the three months between documents, presumably, this guideline has been adjusted to justify VF policy of retaining only poor quality trees.

2).VF's High Conservation Methodologies informs or prescribes the consequent harvest method (VF: Harvest Methodologies),based on density of habitat trees within coupes. Failures within HCV methodology, as seen in 1). above or in VF coupe surveys, will automatically result in downgraded harvest methods, based on the surveyed density of habitat trees within coupes. As outlined in the HCV Assessment (see attached), in surveying the *Spyglass coupe* in Kinglake (coupe 295-539-0001) VF identified between 30%-50% of the H1 trees identified in a private survey (see reference ii). A figure not disputed by VF but justified on the basis that their officers were still learning (meeting July 18, 2019). Mr. Paul claimed that H1 trees would automatically be retained within this coupe as a result of the high conservation value. Errors of this magnitude cannot be justified, impacting directly on the number of trees retained, and indirectly on the harvest methodology employed.

3) VF harvest Methodologies is advised by density of habitat trees. Much of the Victorian Central Highlands was burnt in 2009 with the consequence that most trees within mixed-eucalypt forests, which predominantly survive fire, suffered limb attrition from burning, creating potential hollows. As a result nearly all trees in burnt forests count as habitat trees placing the harvest methodology in a conservative category (selective harvesting). VF, while having a harvest methodology based on habitat tree density, will give no undertaking to impose that methodology, insisting that harvest methodology is at the discretion of the logging contractor. Within the VF preliminary version of Harvest Methodologies habitat tree density was given as a " prescription" for harvest method. "Prescription" was watered down to "guideline" in the final document: once again allowing VF flexibility to interpret and apply their own methodologies.

4).Protection of habitat within HCV is advised by 1/.Habitat tree surveying 2/.location of target species (threatened species).

VF do not undertake target species surveys (statement by W. Paul, July 18, 2019), although written into the HCV Methodology, relying instead on surveys by DELWP. DELWP undertake limited surveys, primarily when indicated by vegetation mapping. Often no surveying occurs, and in many coupes target species surveys are carried out predominantly by private citizens and submitted to DELWP, thus resulting in habitat protection. Kinglake Friends of the Forest have had experience of this in the Mount Robertson Spyglass coupe where DELWP undertook a target species survey along one boundary locating Greater Gliders (this survey undertaken in response to a private survey along another boundary locating this species). VF provided logging exclusion in the vicinity of the threatened species location. Only when, after VF logging had commenced and further private surveying identified Gliders through the center of the coupe was more protection given by VF. Failure to undertake surveying, indicated within HCV Methodology and reliance on private target species surveying shows just one of the massive failures of this system.

Vic Forests HCV and Harvest Methodologies attempt to demonstrate new methods to protect high conservation values in response to FSC accreditation weaknesses. Both documents are extremely loose, left open for interpretation at all levels; scant respect is given to scientific guidelines, and no accountability occurs within the system. Protection of high conservation values has no guarantee, even when close scrutiny can be maintained by the public. VicForests have an extremely poor reputation for protecting environmental values; these documents appear to show a determination by VF to continue ignoring environmental values while



making a pretence of the opposite. Granting of Forest Stewardship to VF would be to the detriment of the high conservation values we hold so dear.

Yours sincerely: Leigh Wykes

(Kinglake Friends of the Forest)

VicForests' new "High Conservation Values and Management Systems":

Failures in the document, interpretation and implementation.

VicForests (VF) are adopting new management methodologies which purport to protect the environment, a primary element being threatened species, and habitat of (HCV 1 and HCV 3, p5, *VicForests High Conservation Management*, June 2019). This document fails to give a description of H1, H2 and H3 trees, despite the model being based around these three categories. The tree characteristics given (which are not descriptions) fail to recognise the critical guideline principles given for the model, particularly relating to the size and health of trees, allowing Vicforests to select predominantly senescent trees for retention, and publicly defend this position despite its failure to procure the desired environmental values today, tomorrow or into the future.

The High Conservation Value model is based on The Forest Stewardship *HCV evaluation framework* of March 2013 and FSC *National Forest Stewardship Standard of Australia*, 2019. VF aims to conform with this standard in order to achieve accreditation. VF "has identified the need for greater focus on.....hollow bearing trees, and ecosystem functions that habitat trees provide" (*HCV Management*, June 2019, p8), resulting in a model based around retention of "habitat trees" (Hollow bearing). Guideline principles for this model include, in brief: 'Protect the existing individual large old trees. Ensure there is enough recruitment to replace existing large old trees. Select the largest and healthiest trees available to retain connectivity. Facilitate the development of uneven age stands.....with the object to recruit new trees within the cutting cycle" (HCV Management, June 2019, p11). Note there is no description within these guidelines that trees be senescent, the emphasis being on "large" and "old".

HCV Management gives guidelines and describes roles of habitat trees for: "existing, recruitment and replacement" habitat. Based on these guidelines three habitat classes are characterised (H1, H2 and H3), with no definite link to the described roles (though direct correlation is inferred by characteristics given). No description of the three categories is provided and no clear relationship to the model's guidelines. Characteristics and examples given are confusing and potentially conflicting, (*HCV Methodology*, June 2019, p9), leaving the model open to interpretation, particularly in regard to size and health of habitat trees which form a critical aspect of the guidelines and are inferred by the relative roles (described) but not given, in the habitat tree characteristics

HCV Management gives no description for any of the three main categories of habitat tree (H1,H2,H3), relying instead on a description of tree and hollow characteristics. The highest category, H1, characterised as "live large hollow bearing trees" with "multiple hollow types and locations" and "suitable for a range of arboreal species". This appears to be a reasonable description and fitting with the document guidelines for the "largest, healthiest" trees, however another character given is: "these trees are senescing". In a mixed eucalypt forest (which will survive bushfires) large trees, mature or post mature, can be in full health and yet show all the other characteristics of an H1 tree (hollows invariably resulting from limb attrition following fire). Healthy H1 trees can be of higher value than senescent trees: healthy foliage provides forage for animals, in particular the threatened Greater Glider, which feeds exclusively on healthy foliage of large trees; healthy large trees provide greater longevity for recruitment habitat into the future.



HCV Management gives a second example of H1 trees, characterised as “mature and/or senescing trees (hollows not visible) but girth of a width that indicates late maturity for a given species” (*HCV Management*, Annex B). This category appears to give recognition of the highest quality recruitment habitat trees for the future, also the highest quality feed trees today for the greater Glider, aligning with management guidelines. At a meeting on July 18 between VF and Kinglake Friends of the Forest (KFF), to discuss logging in the *Spyglass* coupe, Mt. Robertson, Kinglake, Mr.W Paul (VF Environment Manager) was unfamiliar with this H1 category and considered it an error because it selected for retention of high quality, high volume trees, insisting that only low quality senescing trees qualified (per characteristics of a “hollow bearing” H1 tree). A private survey of *Spyglass* trees (WOTCH July 2019) (reference ii) found that VF identified 20 out of 41 H1 hollow bearing trees for retention, VF Harvest Document (*Harvesting and Regeneration Systems*, May 2019) claims that all H1 trees will be retained. The survey did not consider H1, no visible hollow, trees, which would have numbered at least 20 more (in total VF identified for retention 30% of H1 trees required to be retained by the HCV Management system). The *spyglass coupe*, as other coupes in Mt Robertson yet to be logged support a healthy population of the threatened Greater Glider. Failure to identify H1 habitat trees will result in loss of critical denning trees, failure to recognise healthy H1 trees resulting in the loss of critical feed trees. VF denial of healthy H1 trees, the most valuable Greater Glider feed trees and future habitat (despite clear guidelines and example within the methodology) show a determination to maintain volume of timber harvest at the expense of the new environmentally sensitive methodology.

Recruitment trees (H2), characterised as: “mature trees that have hollows or are highly likely to have hollows based on their form and girth, hollows increase in number and quality as the tree ages”. A “mature tree” suggests a healthy tree and not a post-mature or a senescent tree and the reference to girth indicates this category to be suitable to replace the large, old H1 trees (per methodology guidelines). VF marked 30 H2 trees to be retained in *Spyglass* (WOTCH, July 2018), few had substantial girth and most were post-mature or senescent. Selection of poor quality, post-mature trees for retention results in retention of the same age/ health cohort as the H1 trees. While these trees may provide better habitat with time, the life expectancy is no longer, thereby nullifying the recruitment aspect of this category. Selection of post-mature trees with poor canopies also reduces the forage value, particularly for the Greater Glider.

Replacement trees (H3) are characterised as: “regrowth and early mature trees with small hollows/injuries. Hollows increase in number and quality as the tree ages”(*HCV Management*, June 2019,p9). The role of this category is to mature and replace the H1 and H2 habitat trees over the longer term and past the 80year cutting cycle for the forest, to do this, trees must be of a form and health to enable growth and maturity. In Mt Robertson, as most mixed eucalypt forests of the Central Highlands burnt in 2009, limb attrition due to the fire places all younger age cohort trees into this category. This age cohort in Mt Robertson are probably 1968 regeneration. Suppression of many trees of this age by much older and larger trees has resulted in early maturity and often early senescence; the majority, though, are healthy, mature trees, many now in the large category for this forest type. VF in selection of replacement trees (H3) in *Spyglass coupe* have nearly exclusively selected low quality, senescent trees with poor growth form: trees not suitable for logging, but no more suitable for the function selected. A transect survey of a large cohort of habitat trees for retention in the NE corner of *Spyglass* (survey of trees 25m either side of a transect line 120m long, inside which VF marked 24 trees for habitat retention) found , of 16 H3 trees for retention none had healthy canopies , all were of poor shape and form and fourteen were stunted, suppressed and senescent; two only showed potential for replacement. Mr. W Paul (VF Conservation Manager), in response to this outcome argued that suppressed trees can recover when the suppressing canopy is removed (Meeting, July 18, 2019). Trees of poor shape, form and health will never develop to become “replacement trees” as described within this model.

The transect tree survey identified three H1 and three live H2 trees for retention, of which one in each category had a health suitable for Greater Glider forage. The Greater Glider and its habitat comprise the high conservation element of this forest and yet only two feed trees within the cohort of 24 will be retained and



most H3 will never fulfil the function for which selected. The survey also established that within the transect area 28 large H2 trees with healthy canopies and 26 healthy H3 trees suitable for "replacement", for both habitat and greater glider forage, would be removed, a clear indication that VF are prioritising the volume of harvest timber over implementation of the HCV Management System.

VicForests claim, in defence of shortcoming in the *Spyglass* coupe, that the system is "transitional" (Paul Bird email July 26 See Appendix C). While this might be the case, flaws within the *HCV Methodology* document, including lack of cohesion, lack of definitive description and ambiguities, leaves the model open to interpretation and potential abuse. VicForests interpretation does not appear to coincide with guidelines or characteristics within the model. Implementation, as seen in the Kinglake *Spyglass* coupe, applies a more than lenient interpretation, with emphasis on retaining logging volume and quality at the expense of the model and the habitat; the document, interpretation and implementation are definitely not to the benefit of the high conservation values intended for protection.

Leigh Wykes (B.Sc, Latrobe; M.L.Arch, Melb.)(Kinglake Friends of the Forest)

DELWP website

<https://www.forestsandreserves.vic.gov.au/forest-management/forest-protection-survey-program>

The aim of the program is to survey at least 80% of coupes planned for harvest each year. VicForests is also required to undertake its own assessment of biodiversity values on coupes prior to harvesting.

Reference i

Pre-harvest survey methodology is readily available from DELWP website and consistent for all coupes. For transect length, see p2 of the Spot Light and Call Back survey methodology here

https://www.forestsandreserves.vic.gov.au/_data/assets/pdf_file/0025/424744/FPSPSurvGuide_SLCP-V3.pdf

Reference ii

Habitat tree data showing habitat type 1 trees not marked by VicForests 1 week after logging had commenced
<https://www.dropbox.com/s/dtk0emqqs8pvj3/Table%201.%20Significant%20Habitat%20Tree%20Data%20-%20Spyglass%20295-539-0001.pdf?dl=0>

Map of Habitat trees – marked by VicForests / not marked by VicForests and other

<https://www.dropbox.com/s/t36arvj8scv5sy4/Map%20detailing%20significant%20habitat%20trees%20within%20Spyglass-295-539-0001.pdf?dl=0>

Reference iii

FEDERAL COURT OF AUSTRALIA
VICTORIA REGISTRY
MORTIMER J



No. VID 1228 of 2017
FRIENDS OF LEADBEATER'S POSSUM INC
and
VICFORESTS

<https://www.dropbox.com/s/lwpoazzo5nzqmyk/friends%20of%20leadbeaters%20possum%20vs%20vicforests%20transcript%20court%20case%20combined%20chronological.pdf?dl=0>

Reference iv

Life of Marsupials, Hugh, Tyndale and Biscoe 2005. CSIRO publishing

Appendix A

Statutory Declaration

I, *Cameron Ronald Tozer of 480 Bowden Spur, Strathow*
make the following statutory declaration under the **Oaths and Affirmations Act 2018**:

1. The VicForests' management team replied in the affirmative when asked if the Spyglass coupe was to be harvested in compliance with the new draft HCV systems. (see Statutory declarations appendix B).

2. Vicforests managers, Mr Paul Bird and Mr William Paul also told the Kinglake Friends of the Forests in a meeting on the 18th July that the new HCV systems were being employed in Spyglass, though claimed that VicForests were having trouble applying the systems due to lack of skills.

I declare that the contents of this statutory declaration are true and correct and I make it knowing that making a statutory declaration that I know to be untrue is an offence.

[Signature]

Declared at

Eltham

*in the state of Victoria

Date

on the eleventh of November 2019

I am an authorised statutory declaration witness and I sign this document in the presence of the person making the declaration:

Date

on the eleventh of November 2019

[Signature]

Dr Wendy Bernet, medical practitioner, Andrew Place Clinic, Andrew Place Bundoora

A person authorised under section 30(2) of the **Oaths and Affirmations Act 2018** to witness the signing of a statutory declaration.



Statutory Declaration

I, *Cayle Cole of 63 Havender Park Rd Eltham 3098*

make the following statutory declaration under the **Oaths and Affirmations Act 2018**:

1. The VicForests' management team replied in the affirmative when asked if the Spyglass coupe was to be harvested in compliance with the new draft HCV systems. (see Statutory declarations appendix B).

2. Vicforests managers, Mr Paul Bird and Mr William Paul also told the Kinglake Friends of the Forests in a meeting on the 18th July that the new HCV systems were being employed in Spyglass, though claimed that VicForests were having trouble applying the systems due to lack of skills.

I declare that the contents of this statutory declaration are true and correct and I make it knowing that making a statutory declaration that I know to be untrue is an offence.

[Signature]

Date

Declared at Eltham

*in the state of Victoria

on the eleventh of November 2019

I am an authorised statutory declaration witness and I sign this document in the presence of the person making the declaration:

Date

on the eleventh of November 2019

[Signature]
Dr Wendy Bernet, medical practitioner, Andrew Place Clinic, Andrew Place Bundoora

A person authorised under section 30(2) of the **Oaths and Affirmations Act 2018** to witness the signing of a statutory declaration.

Statutory Declaration

I, Sue McKinnon of 201 Hildebrand Rd Cottles Bridge, owner manager of regeneration and garden maintenance business make the following statutory declaration under the **Oaths and Affirmations Act 2018**:

1. The VicForests' management team replied in the affirmative when asked if the Spyglass coupe was to be harvested in compliance with the new draft HCV systems. (see Statutory declarations appendix B).

2. Vicforests managers, Mr Paul Bird and Mr William Paul also told the Kinglake Friends of the Forests in a meeting on the 18th July that the new HCV systems were being employed in Spyglass, though claimed that VicForests were having trouble applying the systems due to lack of skills.

I declare that the contents of this statutory declaration are true and correct and I make it knowing that making a statutory declaration that I know to be untrue is an offence.

[Signature]

Date

Declared at Eltham

*in the state of Victoria

on the eleventh of November 2019

I am an authorised statutory declaration witness and I sign this document in the presence of the person making the declaration:

Date

on the eleventh of November 2019

[Signature]
Dr Wendy Bernet, medical practitioner, Andrew Place Clinic, Andrew Place Bundoora

A person authorised under section 30(2) of the **Oaths and Affirmations Act 2018** to witness the signing of a statutory declaration.



Appendix B

NE Schedule Oct 2019 to Apr 2020

Extract of schedule showing contingency coupes which

Contingency

Carbonara-283-505-0003	Alexandra
Fifteen Feet-312-011-0001	Marysville
Whitehorse-312-009-0010	Marysville
Bauble-312-503-0004	Marysville
Castella Hills-297-501-0005	Toolangi
Castella Heights-297-501-0007	Toolangi
Robinson-284-502-0009	Alexandra
Hoodini-312-512-0001	Marysville
LaRue-318-512-0017	Marysville
More Energy-312-512-0011	Marysville
Recharge-295-518-0003	Toolangi
Man vs Wild-281-514-0004	Alexandra
Mini-281-514-0007	Alexandra
Raccoon-281-513-0013	Alexandra
Goblet-286-504-0008	Alexandra
Snifter-286-504-0007	Alexandra
Huggy Bear-312-510-0005	Marysville
Shackle-288-509-0001	Alexandra
Turnbuckle-288-509-0002	Alexandra
Chainlink-288-509-0004	Alexandra
Shadefly-288-517-0008	Alexandra
Fishfly-288-519-0008	Alexandra
Chevrolet City-302-008-0001	Toolangi
Gulmarg-289-502-0002	Alexandra
Kinabalu-289-502-0001	Alexandra
Aristocrat-288-514-0007	Alexandra
Superficial-288-514-0005	Alexandra
Messmate Ridge-312-010-0007	Marysville
Pumba-312-510-0011	Marysville
Rumba-312-510-0010	Marysville
Maidei-309-507-0005	Marysville
Twang-397-502-0015	Benalla/Mansfield
Porky-397-502-0017	Benalla/Mansfield
Westons Ridge-400-505-0005	Benalla/Mansfield
Westons Spur-400-503-0004	Benalla/Mansfield



Appendix C

----- Forwarded message -----

From: Paul Bird (VF) <paul.bird@vicforests.com.au>
Date: Fri, Jul 26, 2019 at 1:23 PM
Subject: Vicforests harvesting in Kinglake
To: Kinglake Friends of the Great Forest <kinglakefriendsoftheforests@gmail.com>

Hello Sue,

Thank you for your email on 22 July. In reference to this, I can provide the following details:

Precautionary Principle

VicForests is confident that harvest operations within the Spyglass coupe meets the Precautionary Principle. Further, as you know, DELWP representatives have already visited the coupe and have affirmed that there are no compliance issues.

Indeed, we believe the coupe harvesting exceeds compliance requirements. Within the coupe, 37% of the gross area has been reserved, much of this specifically to protect the Greater Glider.

This is also achieved by preserving and protecting approximately 12 habitat trees per hectare.

You reference the *VicForests HCV Management Systems and the Harvesting and Regeneration Systems* documents: these documents are still drafts, subject to stakeholder input.

Given the draft status of these documents, the Spyglass coupe is by necessity a transitional coupe in that the inception of planning predated the continuing evolution of the documents.

Tree retention

Given the transitional nature of the coupe, and the draft nature of the *Systems* documents, this coupe was not planned as a selection harvesting operation.

We will take your input regarding selection harvesting into account in the final drafting of the *Systems* documents. We invite you to meet with us to provide any further input on any part of the *Systems* documents.

Wind throw

Regarding the tree you mention that was affected by wind throw: VicForests is intensely aware of safety issues on coupes.

We have extensive procedures to avert or minimise risk for personnel in coupes, and VicForests has a solid safety record. VicForests investigates all safety incidents.

Coupe schedule

Regarding your request for a coupe schedule, we will provide this as soon as possible subject to normal redactions for privacy for confidentiality.

Further engagement

We suggest that a productive and constructive way to deal with your concerns, and also for us to explain our *Systems* drafts and take your input, is to work collaboratively through genuine and on-going engagement.

We would be pleased to accommodate your group at your convenience.

Regards

Paul Bird | Manager Stakeholder Engagement and Corporate Communications
VicForests | 12/461 Bourke Street Melbourne VIC 3000 | GPO Box 191 Melbourne VIC 3001
Tel: 03 9608 9527 | mob: 0417 493 583 | paul.bird@vicforests.com.au | www.vicforests.com.au

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Our Values: Safe / Sustainable / Customer Focused / Professional / Respect



Appendix D

Map provided to Kinglake friends of the Forest by Liz Langford of VicForests on 26/6/19

This was the only harvest map provided - When questioned about this and a tree retention map requested, Liz described this map as “equivalent of a tree retention map”

Photos - spyglass HCV map which is also liz quote the equivalent of a tree retention map email July 5.png

See all photos
+ Add to

🔍
🗑️
❤️
🔄
✂️

Edit & Create
Share
🖨️
⋮

VicForests High Conservation Values Map

FMA:	CT	District:	Tasman	Cross Area No:	22.02
Coupe Address:	295-539-0021	Easting/Northing (MGASS):	351710 5954210	Est Nett Area:	18.0
Coupe Name:	Spyglass	Lat/Long:	37.0 204 496 S 145.0 139 254 E	Silvic System:	STR

Forest Management Zones

- Special Management Zone
- Special Protection Zone
- State of Forest Practice
- Other Forest Land
- Conservation Parks and Reserves
- Private Property
- Unclaimed

Other Features

- Water
- Road
- Powerline
- Other

Map Scale 1:5,000

0 50 100 200 Meters

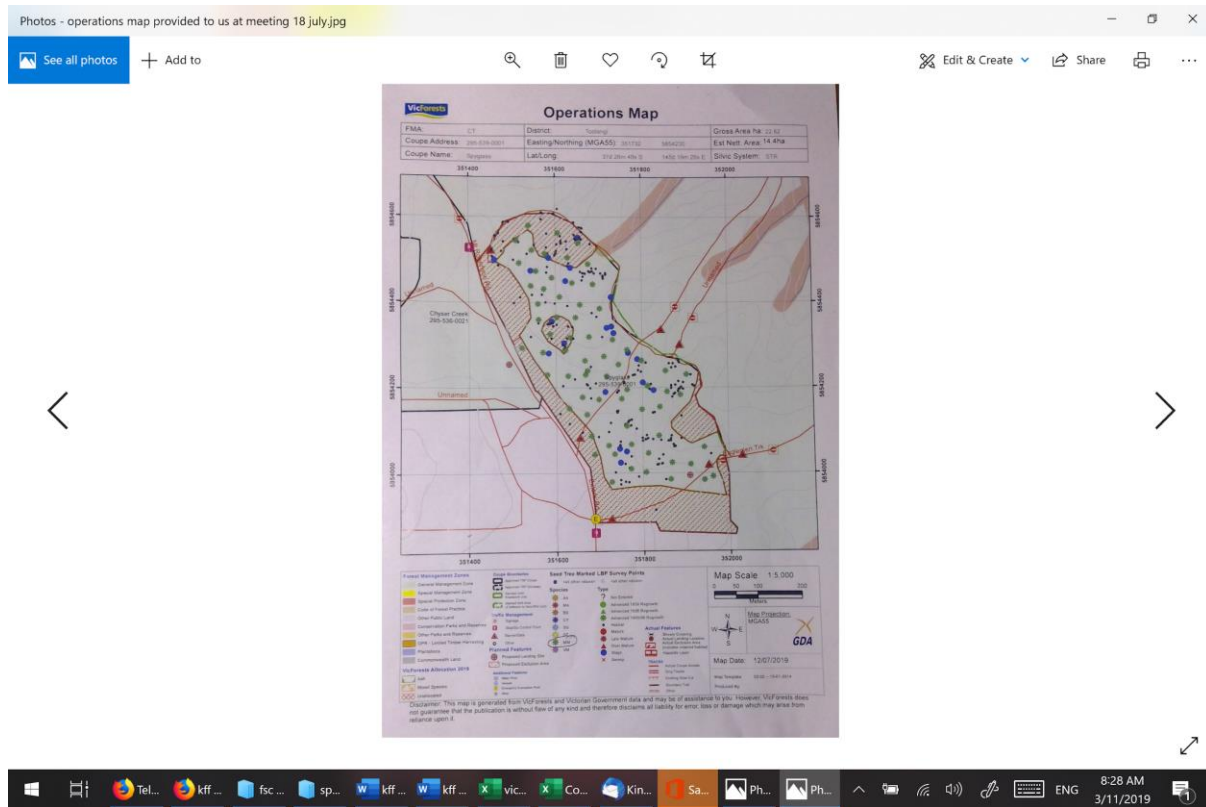
Map Date: 02/01/2019

Printed By: [Name]

Disclaimer: This map is generated from VicForests and VicForests Government data and may be of assistance to you. However, VicForests does not guarantee that the publication is without error or any negligence therefore disclaims all liability for error, omissions or damage which may arise from

Map provided at meeting of Kinglake Friends of the forest with VicForests on July 18 2019

16 | Page



Appendix E

KFF – VF interactions table

Row number	Request	Date requested	Date request repeated	Date received	Comments
Row 1 Full emails in Note 1 below	Please also provide details of the Kinglake community information session held or to be held to inform residents of the logging	23/11/18		no response	No data provided and no community information meeting with VicForests held
Row 2	Request that no logging occur in the forest in Kinglake with respect to threatened species	22/5/19	23/5/19 to To Robyn Woodbridge as Liz Langford	23/5/19 Robyn Woodbridge of VicForests	Insufficient - considering the surveys see appendix G DELWP surveys and appendix F link to WOTCH forest report Reports show presence of threatened species



<p>Full emails in Note 2-6 below</p>	<p>surveys, regeneration failure and damaged landscape</p>		<p>away 6/6/19 repeat question to Liz</p>	<p>confirmed receipt of email but no response provided Note 6 12/6/19 Liz Lanford replied: "All coupes mentioned are available for harvest via approved the Timber Release Plan"</p>	<p>We refer to failed regeneration adjacent to one coupe and damaged wider landscape. No explanation provided of any modification to logging, or any attempt to participate in engagement about the issues that we (a local community environment group) raised.</p>
<p>Row 3 Full emails in Note 5 below</p>	<p>Destination of timber estimates</p>		<p>6/6/19</p>	<p>12/6/19 Liz Langford replied: "The timber will be sent to a range of different mills across the state" 27/6/19. The requested information was provided in the coupe plan which was emailed to us on 27/6/19</p>	<p>Insufficient - VF do determine volumes of each grade of timber expected from the coupe. Although this was eventually supplied to us in the coupe plan provided on 27/6/19</p>
<p>Row 4</p>	<p>If VicForests is intending to log any of these forest areas marked as 295-548-0020, 295-539-0001,295-518-0003, 295-536-0021, please provide all plans, surveys and sampling results including all material listed below, for all of the areas intended to be logged. Pre harvest survey maps Roadline maps Roadline plans Forest Operations Coupe</p>	<p>22/5/19 Note 2</p>	<p>6/6/19 Note 5</p>	<p>12/6/19 Reply but no information provided 26/6/19 Provision of High conservations values map Coupe Plan – roadworks</p>	<p>High Conservations Values map and Coupe Plan were provided 2 working days before logging commenced. – 6 weeks after request. High Conservations Value Plan and Coupe Plan did not show tree retention of Harvest plans for the coupe. This was insufficient information as we wanted to ensure the new variable retention system was being employed.</p>



	<p>Plans</p> <p>Soil Assessment Field sheets Phytophthora sampling results Pre harvest coupe map and sighting action forms</p> <p>Please advise which form of harvesting will be carried out and provide the Vicforest guidelines for these methods.</p>			<p>Coupe Plan operations</p> <p>note 7</p>	
<p>Row 5</p> <p>Full emails in Note 8 below</p>	<p>Can you also please send a coupe harvest plan / coupe retention plan / and any other plans or maps or assessments or instructions that are available for the Spyglass coupe.</p>	1/7/19	3/7/19	5/7/19	<p>Insufficient information provided. There is no information on the map about densities of tree retention. Given that VicForests had informed us that they will be using their new systems, and our knowledge of the density of habitat trees, we were expecting the coupe to be selective tree harvested, with possibly some areas marked for variable retention 2.</p>
<p>Row 6</p> <p>Full emails in Note 8 below</p>	<p>I spoke to Jarrod Logue at the entrance to the Spyglass coupe today and he indicated that habitat trees type 3 have not been marked on site or indicated on the map. These trees and their identification make up an essential element of the new HCV Management System.</p> <p>It appears to us also that many of the Habitat trees type 1 and 2 have not been marked on the map or on site.</p> <p>Can you please arrange for an urgent meeting on site to discuss habitat tree identification and marking in this coupe.</p>	1/7/19	<p>2/7/19 with request for urgency</p> <p>3/7/19 request again for urgency</p>	<p>2/7/19</p> <p>Reply but no date given</p> <p>3/7/19</p> <p>Reply but no time given and expectation that arrangements may be discussed during the following week</p>	<p>VicForests showing avoidance of meeting to discuss what we advised of a failure to mark Habitat trees.</p> <p>Given that logging had commenced and habitat tree identification is critical to the correct implementation of the new harvest systems that VicForest had told us they were using, this is insufficient.</p> <p>Even if the new systems were not being implemented, our advice that not all habitat type 1 trees had been marked should have raised an urgent response</p>
<p>Row 7</p>	<p>Intensive pre harvest surveys as described in the Federal court case were requested</p>	22/9/19	<p>3/10/19</p> <p>29/10/19</p>	<p>30/9/19</p> <p>3/10/19</p>	<p>These intensive surveys are critical to correct application of the new harvest</p>



Full emails in Note 9 below	for 5 coupes Reference Appendix D p 388			17/10/19 8/11/19 Responses but no provision of information.	methods. Density of habitat trees guide the harvest method to be applied. We are now having to do this work ourselves in order to ensure habitat trees density is taken into consideration.
Row 8 Full emails in Note 10 below	Request for results and methodology for post logging surveys of Greater Gliders in Castella coupe	18/7/19 in KFF request made in the meeting with VF	2/10/19 Methodology and date of survey, date logging completed, tree retention for each area surveyed requested 8/10/19 9/10/19 9/10/19	2/10/19 Incomplete response provided 8/10/19 Incomplete response provided 9/10/19 incomplete response provided	VicForests responses are misleading. There is a suggestion that they are comparing like surveys while refusing to provide survey methodology despite 3 requests to do so. The only survey methodology provided is "1.5km transect" This response is totally inadequate, especially as the pre-harvest survey is carried out over a 1km transect with a specified walking pace and number of surveyors. The refusal to indicate tree retention data in each area and date that logging finished in those areas makes the data collected even less informative.

Note 1

Subject: Re: Kinglake query

Date: **Fri, 23 Nov 2018 17:22:02 +1100**

From: Sue McKinnon - BigPond <mckinnonsue@bigpond.com>

To: liz.langford@vicforests.com.au

Dear Liz

Thanks for this.



Still looking for date on forest area marked

295 536 0021

And , yes I had cut off the north area of forest in my original request to Justin.

Please provide scheduled date for

295 518 0005

Please also provide details of the Kinglake community information session held or to be held to inform residents of the logging

Regards

Sue

NOTE 2

----- Forwarded message -----

From: Kinglake Friends of the Great Forest <kinglakefriendsoftheforests@gmail.com>

Date: Wed, May 22, 2019 at 11:06 PM

Subject: Fwd: letter to vicforests

To: <liz.langford@vicforests.com.au>

Dear Liz

Kinglake community group, Kinglake Friends of the Forest, have received results of Fauna detection surveys in the forest in Kinglake which are proposed to be logged.

These areas have been labelled by VicForests as

295-548-0020

295-539-0001

295-518-0003

295-536-0021

Due to the high density of Greater Gliders in areas marked as 295-548-0020 and 295-539-0001 (11 or more Greater Gliders seen during single surveys) these areas should be removed from the logging plans.

The Kinglake area is dominated by a landscape of fire-recovering forest, we recommend that no logging occur in this part of the forest. In particular, due to the critical habitat provided by the mature forest near gullies for shelter after fires in areas marked 295-5480020, 295-536-0021 and 295-539-0001 these areas should not be logged. These areas are especially important as a wildlife link of mature, hollow bearing trees between the East and West sections of the Kinglake National Park.

The logged coupe beside forest area marked as 295-518-0003 still has not regenerated. Logging the area adjacent to this apparently failed regeneration coupe next to a recently logged coupe (last August) within a landscape of young growth which is only just regenerating after the 2009 fires could cause local extinction of Greater Gliders and Yellow Bellied Gliders.



If VicForests is intending to log any of these forest areas marked as 295-548-0020, 295-539-0001, 295-518-0003, 295-536-0021, please provide all plans, surveys and sampling results including all material listed below, for all of the areas intended to be logged.

Pre harvest survey maps
Roadline maps
Roadline plans
Forest Operations Coupe Plans
Soil Assessment Field sheets
Phytophthora sampling results
Pre harvest coupe map and sighting action forms

Please advise which form of harvesting will be carried out and provide the Vicforest guidelines for these methods.

Regards
Sue McKinnon for
Kinglake Friends of the Forest

Note 3

From: **Kinglake Friends of the Great Forest** <kinglakefriendsoftheforests@gmail.com>
Date: Thu, May 23, 2019 at 7:05 PM
Subject: Fwd: letter to vicforests
To: Robyn Woodbridge <robyn.woodbridge@vicforests.com.au>

Please see requests below and arrange for these to be supplied to me urgently.

Regards

Sue
for Kinglake Friends of the Forest

Note 4

From: **Robyn L Woodbridge (VF)** <robyn.woodbridge@vicforests.com.au>
Date: Thu, May 23, 2019 at 7:24 PM
Subject: Re: letter to vicforests
To: Kinglake Friends of the Great Forest <kinglakefriendsoftheforests@gmail.com>

Sue,

Confirming receipt of your email which has been forwarded for follow up.

Regards
Robyn

Note 5

From: **Kinglake Friends of the Great Forest** <kinglakefriendsoftheforests@gmail.com>
Date: Thu, Jun 6, 2019 at 11:46 AM
Subject: Fwd: letter to vicforests



To: <liz.langford@vicforests.com.au>

Liz,

Forwarding this request again - see below

Please respond with any information that you have available.

I also ask that the following be added to the information requested for each coupe:

- Destination of timber estimates - I recall that the drop in session at Noojee an estimate of the destination for logs was provided by VicForest for the coupe there . I would like a similar timber destination estimate for the Kinglake coupes.

Regards

Sue

for Kinglake Friends of the Forest

From: **Robyn L Woodbridge (VF)** <robyn.woodbridge@vicforests.com.au>
Date: Thu, May 23, 2019 at 7:24 PM
Subject: Re: letter to vicforests
To: Kinglake Friends of the Great Forest <kinglakefriendsoftheforests@gmail.com>

Sue,
Confirming receipt of your email which has been forwarded for follow up.
Regards
Robyn

From: Kinglake Friends of the Great Forest <kinglakefriendsoftheforests@gmail.com>

Sent: Thursday, May 23, 2019 7:05 pm
To: Robyn L Woodbridge (VF)
Subject: Fwd: letter to vicforests

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Regards
Sue
for Kinglake Friends of the Forest

----- Forwarded message -----

From: **Kinglake Friends of the Great Forest**<kinglakefriendsoftheforests@gmail.com>

Date: Wed, May 22, 2019 at 11:06 PM
Subject: Fwd: letter to vicforests
To: <liz.langford@vicforests.com.au>

Dear Liz



Kinglake community group, Kinglake Friends of the Forest, have received results of Fauna detection surveys in the forest in Kinglake which are proposed to be logged.

These areas have been labelled by VicForests as

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295-539-0001
295-518-0003
295-536-0021

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If VicForests is intending to log any of these forest areas marked as 295-548-0020, 295-539-0001, 295-518-0003, 295-536-0021, please provide all plans, surveys and sampling results including all material listed below, for all of the areas intended to be logged.

Pre harvest survey maps
Roadline maps
Roadline plans
Forest Operations Coupe Plans
Soil Assessment Field sheets
Phytophthora sampling results
Pre harvest coupe map and sighting action forms

Please advise which form of harvesting will be carried out and provide the Vicforest guidelines for these methods.

Regards

Sue McKinnon for
Kinglake Friends of the Forest

NOTE 6

From: **Liz Langford (VF)** <liz.langford@vicforests.com.au>

Date: Wed, Jun 12, 2019 at 1:43 PM

Subject: RE: letter to vicforests

To: Kinglake Friends of the Great Forest <kinglakefriendsoftheforests@gmail.com>

Dear Sue



The information I have sourced so far is :

All coupes mentioned are available for harvest via approved the Timber Release Plan . The timber will be sent to a range of different mills across the state

295-548-0020 - Coupe plan and map will be forwarded when finalised .

295-539-0001 – planning has not been completed for this coupe

295-518-0003 – planning has not been completed for this coupe

295-536-0021- an approved Timber Release Plan Coupe, but is not on the current plan for harvest.

Regarding Phytophthora, please contact DELWP for information .

Please refer to <https://www.forestsandreserves.vic.gov.au/forest-management/forest-protection-survey-program> for survey results. This information will be used to assist with planning the coupes

Further information regarding these coupes will be forwarded when available

Regards

Liz

Liz Langford | Regional Engagement Manager

VicForests | 7-9 Symes Road, Woori Yallock, 3139

Tel: (03) 5954 4106 | Mob: 0428 831 085 liz.langford@vicforests.com.au | www.vicforests.com.au

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NOTE 7

From: **Liz Langford (VF)** <liz.langford@vicforests.com.au>

Date: Wed, Jun 12, 2019 at 1:43 PM

Subject: RE: letter to vicforests

To: Kinglake Friends of the Great Forest <kinglakefriendsoftheforests@gmail.com>

Dear Sue

The information I have sourced so far is :

All coupes mentioned are available for harvest via approved the Timber Release Plan . The timber will be sent to a range of different mills across the state

295-548-0020 - Coupe plan and map will be forwarded when finalised .

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295-536-0021- an approved Timber Release Plan Coupe, but is not on the current plan for harvest.

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Further information regarding these coupes will be forwarded when available

Regards

Liz

Liz Langford | Regional Engagement Manager

VicForests | 7-9 Symes Road, Woori Yallock, 3139

Tel: (03) 5954 4106 | Mob: 0428 831 085 liz.langford@vicforests.com.au | www.vicforests.com.au

From: **Liz Langford (VF)** <liz.langford@vicforests.com.au>

Date: Wed, Jun 26, 2019 at 3:28 PM

Subject: Spy Glass Roadworks and Forest operations coupe plans and maps (redacted)

To: Kinglake Friends of the Great Forest <kinglakefriendsoftheforests@gmail.com>

Cc: Alex Messina (VF) <alex.messina@vicforests.com.au>, Jarrod Logue (VF) <Jarrod.Logue@vicforests.com.au>, Andrew McGuire (VF) <Andrew.McGuire@vicforests.com.au>

Dear Sue,

Please find attached Spy Glass Roadworks and Forest operations coupe plans and maps (redacted)

Regards

Liz

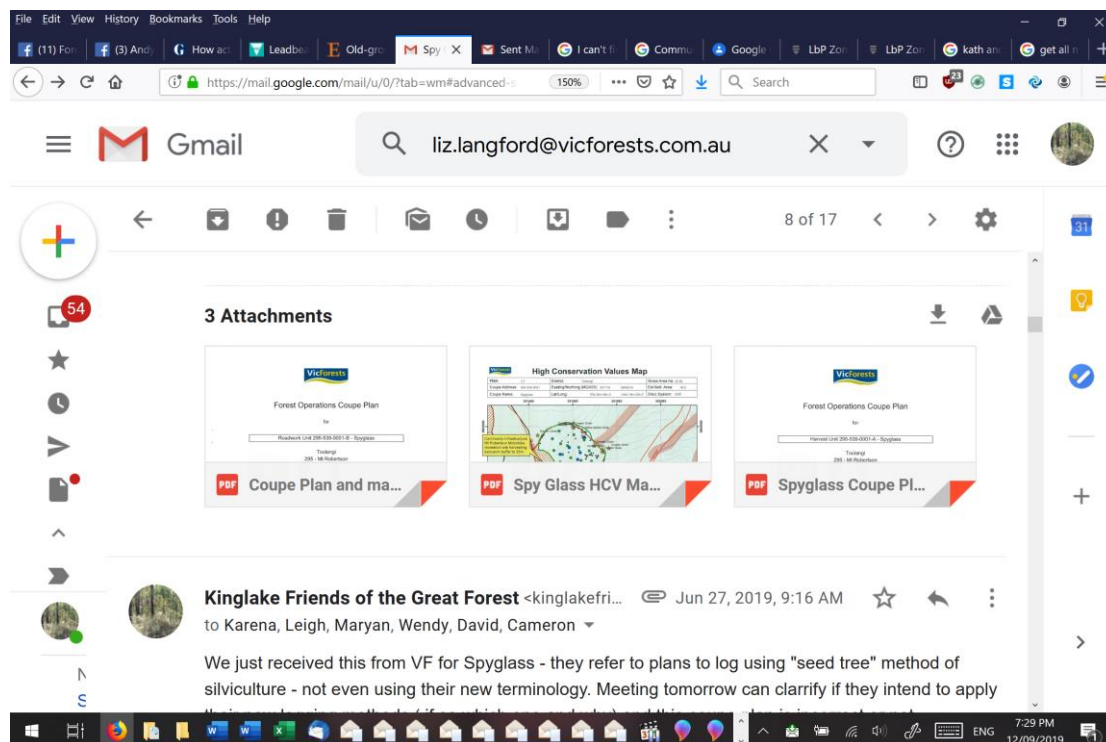
Liz Langford | Regional Engagement Manager

VicForests | 7-9 Symes Road, Woori Yallock, 3139

Tel: (03) 5954 4106 | Mob: 0428 831 085 liz.langford@vicforests.com.au | www.vicforests.com.au

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NOTE 8

From: Kinglake Friends of the Great Forest <kinglakefriendsoftheforests@gmail.com>

Sent: Monday, 1 July 2019 1:23 PM

To: Liz Langford (VF) <liz.langford@vicforests.com.au>

Subject: Fwd: Habitat trees in Spyglass coupe

Dear Liz

Thank you for providing the Spyglass High Conservation Values map and plan.

Kinglake Friends of the Forest group members have concerns with this map and plan. We know this area well and it appears to us that not all of the habitat trees have been marked. While a difference of a few is understandable, it appears that there are very many that have not been marked.

I spoke to Jarrod Logue at the entrance to the Spyglass coupe today and he indicated that habitat trees type 3 have not been marked on site or indicated on the map. These trees and their identification make up an essential element of the new HCV Management System.

It appears to us also that many of the Habitat trees type 1 and 2 have not been marked on the map or on site.

Can you please arrange for an urgent meeting on site to discuss habitat tree identification and marking in this coupe.

Can you also please send a coupe harvest plan / coupe retention plan / and any other plans or maps or assessments or instructions that are available for the Spyglass coupe.



Regards

Sue McKinnon

for Kinglake Friends of the Great Forest

On Tue, Jul 2, 2019 at 8:10 AM

Liz Langford (VF) <liz.langford@vicforests.com.au> wrote:

Hi Sue

Sorry I didn't read this until this morning as I was out of the office.

I will talk to the relevant foresters /Alex etc and get back to you ,

Other than yourself, who would be accompanying you ? As part of our OH +S , I would need to organise safety gear

Thanks

Liz

From: Kinglake Friends of the Great Forest <kinglakefriendsoftheforests@gmail.com>

Sent: Tuesday, 2 July 2019 4:48 PM

To: Liz Langford (VF) <liz.langford@vicforests.com.au>

Subject: Re: Habitat trees in Spyglass coupe

Hi Liz

there will be Leigh Wykes and Jake MacKenzie if available

Do you have a date and time yet? - This is urgent.

regards

sue

----- Forwarded message -----

From: Liz Langford (VF) <liz.langford@vicforests.com.au>

Date: Wed, Jul 3, 2019 at 2:53 PM

Subject: RE: Habitat trees in Spyglass coupe

To: Kinglake Friends of the Great Forest <kinglakefriendsoftheforests@gmail.com>

Cc: Paul Bird (VF) <paul.bird@vicforests.com.au>

Dear Sue

The relevant staff need to be available to meet with you. Due to some staff being unavailable at present, the likely timeframe is next week.



Please note that Spy Glass is an active coupe. Active timber harvesting coupes are hazardous work sites that must be carefully managed to ensure safety of both those working on site and the general public. Offences and penalties apply for unauthorized entry into a Timber Harvesting Safety Zone, as detailed within Sections 77D - 77K of the Sustainable Forests (Timber) Act 2004. Due to Spy Glass being an active coupe, the likelihood is that the meeting will take place at a suitable location to discuss detail around the coupe; rather than at/in the coupe.

Please cc Paul.Bird @[vicforests.com.au](mailto:paul.bird@vicforests.com.au) in on any correspondence as I will be on leave. Paul plans to be in touch later this week or early next week to coordinate the meeting arrangements.

Regards

Liz

From: **Kinglake Friends of the Great Forest** <kinglakefriendsoftheforests@gmail.com>

Date: Wed, Jul 3, 2019 at 4:38 PM

Subject: Re: Habitat trees in Spyglass coupe

To: Liz Langford (VF) <liz.langford@vicforests.com.au>, paul bird <paul.bird@vicforests.com.au>

Dear Liz, Paul

I think that you may have forgotten to send me the coupe plan

This is something that i asked for on the 22 nd May - (see email copied below)

I asked again on the 1st July

Perhaps i have the wording incorrect - when i asked on the 1st July i used several names in the hope of getting it right !
...anyway i would like to have the plan that directs the logging process and describes the method of logging.

Please forward this to me

The meeting about the habitat tree identification will need to be Friday morning unless logging has ceased. If logging is continuing you would understand of course that our concern about identification of habitat trees is an urgent matter.

Regards

Sue

for Kinglake Friends of the Forest

From: **Liz Langford (VF)** <liz.langford@vicforests.com.au>

Date: Fri, Jul 5, 2019 at 1:04 PM

Subject: Updated Spyglass Map

To: Kinglake Friends of the Great Forest <kinglakefriendsoftheforests@gmail.com>

Cc: Paul Bird (VF) <paul.bird@vicforests.com.au>, Andrew McGuire (VF) <Andrew.McGuire@vicforests.com.au>, Jarrod Logue (VF) <jarrod.Logue@vicforests.com.au>, Jacob H Brereton (VF) <jacob.brereton@vicforests.com.au>

Dear Sue

The attached map is an updated map for Spyglass. The HCV map is the equivalent of a tree retention map .

The Wallaces Tree Retention map was specifically created for the purpose of the meeting to discuss Carole Dunn's concerns regarding wind effect and the trees that would be retained

Regards

Liz

Liz Langford | Regional Engagement Manager

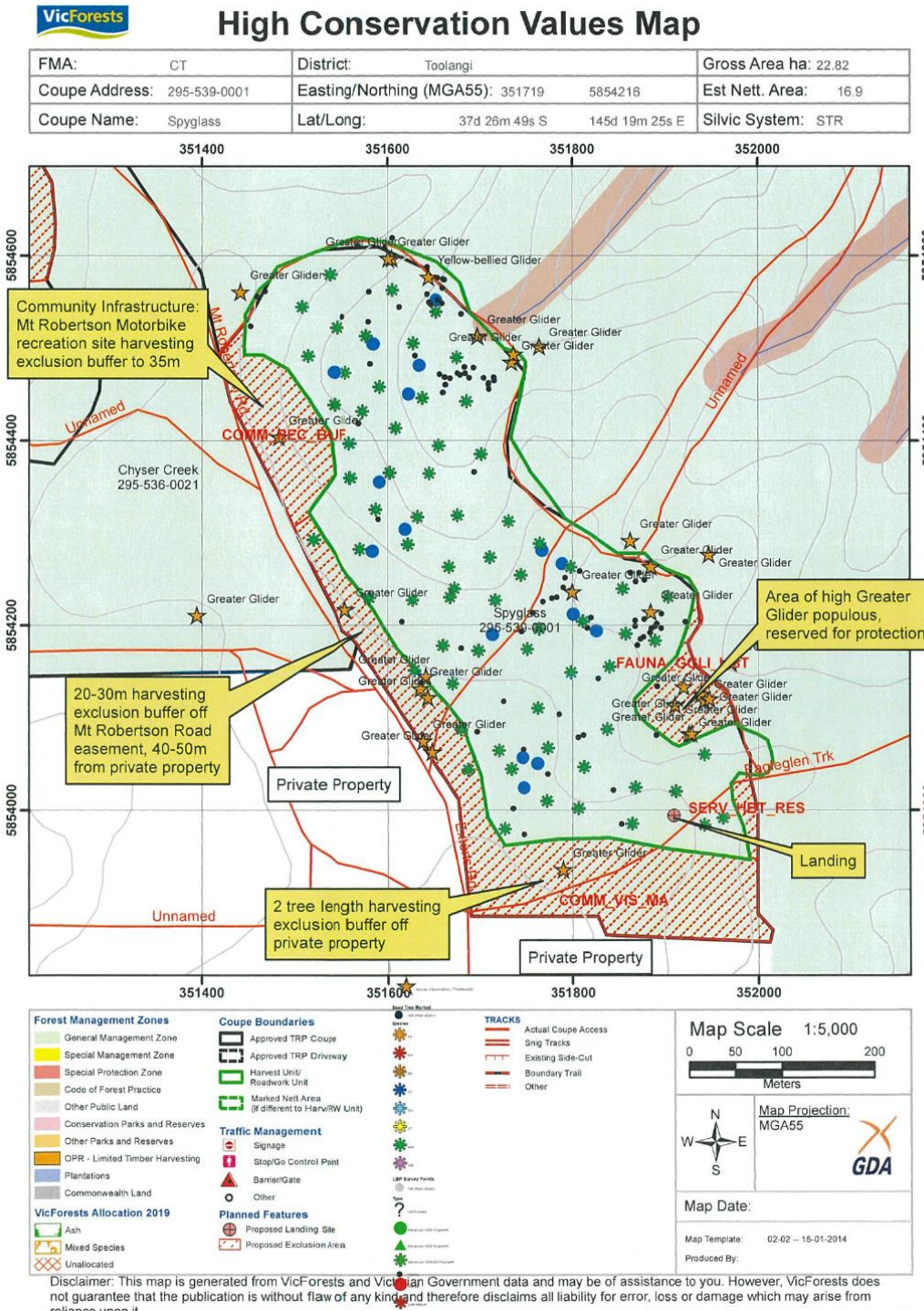


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NOTE 9

From: Gayle Cole <info@bgcole.com.au>

Sent: Sunday, 29 September 2019 2:33 PM

To: Liz Langford (VF) <liz.langford@vicforests.com.au>; Paul Bird (VF) <paul.bird@vicforests.com.au>

Subject: Intensive pre harvest surveys

Dear Liz and Paul, could you please provide the intensive pre harvest survey of Wallaces, Spyglass, Mr. Ed, Saddle Up, Brumby, Recharge, bungalow and Pony at your earliest convenience.

Regards
Gayle Cole
Mobile: 0408 315 360
Secretary of Kinglake Friends of the Forest.

From: Liz Langford (VF) [mailto:liz.langford@vicforests.com.au]

Sent: Monday, 30 September 2019 9:39 AM

To: Gayle Cole

Cc: Paul Bird (VF)

Subject: RE: Intensive pre harvest surveys

Hi Gayle

Please refer to <https://www.forestsandreserves.vic.gov.au/forest-management/forest-protection-survey-program/forest-protection-survey-program> .

DELWP are the custodians of this data

Thanks

Liz

Liz Langford | Regional Engagement Manager
VicForests | 7-9 Symes Road, Woori Yallock, 3139
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From: Gayle Cole <info@bgcole.com.au>

Date: Thu, Oct 3, 2019 at 9:28 AM

Subject: RE: Intensive pre harvest surveys

To: Liz Langford (VF) <liz.langford@vicforests.com.au>

Hi Liz, the intensive pre harvest survey we are referring to is the one mentioned by Tim McBride in the court case. Please find copy of the transcript here.

Tim Bride's declaration in the Friends of Leadies case. The transcript reads:



"How are things changing?---Right now my team has actually crafted a pre-harvest – an intensive pre-harvest survey program that evaluates and assesses all coupes, going forward with a one hectare plot basis, a system of one hectare plots 5 within ash forest and a one hectare per two – or, sorry, a one plot per two hectare system in mixed species forest. And within those plots we are capturing all habitat trees within 30 metres of the plot centre and recording those. The application was actually designed and built by VicForest such that we can identify spatially every habitat tree within 10 that plot and to the degree that we're capturing a suite of attributes or characteristics on each tree to be including species, diameter, height, numbers of hollows, what types they are, estimated sizes of those hollows as well, the age class or the form of the tree, whether it's alive or dead. Those basic attributes are captured within these plots across all coupes.

15

When you say they are captured, how?---Again, they're spatially captured. So they're – foresters are physically going to them and recording an X/Y coordinate that can then be incorporated back into a geographic information system to display them spatially.

20

And when is this procedure you've just outlined to her Honour going to commence?---So it has already commenced. It's, basically, the - -"

Transcript Friends of Leadbeater's Possum vs VicForests FEDERAL COURT OF AUSTRALIA
VICTORIA REGISTRY
MORTIMER J

.VID1228/2017 13.6.19 P-388
©Commonwealth of Australia

Please note the numbers on the left are transcript line numbers.

From: Liz Langford (VF) [mailto:liz.langford@vicforests.com.au]
Sent: Thursday, 3 October 2019 10:44 AM
To: Gayle Cole
Subject: RE: Intensive pre harvest surveys

Hi Gayle

Sorry for the misunderstanding – I assumed you were talking about the flora and fauna surveys .

I will need to follow up with the relevant foresters and the biodiversity team

The relevant information wont be able to be collated til at least the middle of next week

I do know that Recharge is not on the schedule – this has been communicated to Kinglake Friends of the Forest in a couple of separate emails .

Thanks

Liz



From: Liz Langford (VF) [mailto:liz.langford@vicforests.com.au]

Sent: Thursday, 17 October 2019 10:34 AM

To: Gayle Cole

Cc: Paul Bird (VF)

Subject: RE: Intensive pre harvest surveys

Hi Gayle

I have followed up regarding your query for the pre harvest survey of Wallaces, Spyglass, Mr. Ed, Saddle Up, Brumby, Recharge, bungalow and Pony etc.

The data requested is held in an electronic database and not currently available via a standard template . Relevant staff will develop a format for distribution when time permits amongst other business priorities

Thanks

Liz

Liz Langford | Regional Engagement Manager

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From: Gayle Cole <info@bgcole.com.au>

Date: Tue, Oct 29, 2019 at 4:26 PM

Subject: RE: Intensive pre harvest surveys

To: Liz Langford (VF) <liz.langford@vicforests.com.au>

Hi Liz, how is the data for this going please. When can we expect the information ,

thankyou and regards Gayle Cole.

From: Liz Langford (VF) [mailto:liz.langford@vicforests.com.au]

Sent: Friday, 8 November 2019 2:40 PM

To: Gayle Cole

Subject: RE: Intensive pre harvest surveys

Hi Gayle

As per email I sent in reply on 17/10/19 -the data requested is held in an electronic database and not currently available via a standard template . Relevant staff will develop a format for distribution when time permits amongst other business priorities

Thanks

Liz



NOTE 10

On Oct 2nd 2019 Paul Bird replied to the request of Kinglake Friends of the Forest to Vicforests in the Meeting on 18th July 2019 re Greater Glider surveys carried out by VF post-harvest of Castella Quarry coupe :

From: **Paul Bird (VF)** <paul.bird@vicforests.com.au>
Date: Wed, 2 Oct 2019, 3:22 p.m.
Subject: FW: VF-Kinglake Friends of Forest - recent meeting
To: Kinglake Friends of the Great Forest <kinglakefriendsoftheforests@gmail.com>
Cc: Gayle Cole <info@bgcole.com.au>

Good afternoon,

Further to the minutes of our meeting, I have collated information in relation to Item 1 (page 4).

Surveys in the Castella coupe provided the following outputs:

May 8: There were 5 Greater Glider detections in the harvest area

July 31 (post harvest): There were 6 Greater Glider detections in the harvest area

Regards

Paul Bird | Manager Stakeholder Engagement and Corporate Communications
VicForests | 12/461 Bourke Street Melbourne VIC 3000 | GPO Box 191 Melbourne VIC 3001
Tel: 03 9608 9527 | mob: 0417 493 583 | paul.bird@vicforests.com.au | www.vicforests.com.au
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From: Kinglake Friends of the Forest <kinglakefriendsoftheforests@gmail.com>
Date: **Wed, Oct 2, 2019 at 3:35 PM**
Subject: Fwd: FW: VF-Kinglake Friends of Forest - recent meeting
To: paul bird <paul.bird@vicforests.com.au>

Dear paul

Please send full details of survey - method, location, (GPS points of Transects) **date of logging completion in each area**, **tree retention details in each area**, scope of survey,
Can you please also let me know which authority is funding this survey.
Regards Sue for KFF inc

From: Paul Bird (VF) [<mailto:paul.bird@vicforests.com.au>]
Sent: **Tuesday, 8 October 2019 3:27 PM**
To: Kinglake Friends of the Great Forest; Gayle Cole
Subject: FW: VF-Kinglake Friends of Forest - recent meeting



Good afternoon,

Thanks for your recent query - please find details of the survey/s as below:

- Location: Map attached outlining the two survey outcomes (including detection dates)
- Method: 1.5km linear transect
- Dates: As below – May 8 (harvest underway); July 31 (harvest complete)
- Delivery: VicForests – as they are harvest/post-harvest surveys; pre-harvest surveys delivered by DELWP

In regard to the map, note that:

There were four detection sites on 8 May, with five Greater Gliders detected (ie two in one tree)

There were an additional five gliders detected on 31 July outside the 1.5km transect zone – these have been included on the map.

Best Regards _____

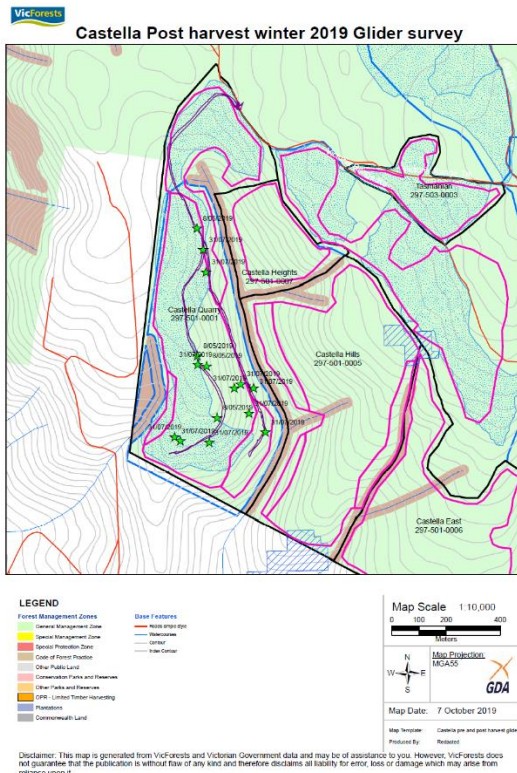
Paul Bird | Manager Stakeholder Engagement and Corporate Communications

VicForests | 12/461 Bourke Street Melbourne VIC 3000 | GPO Box 191 Melbourne VIC 3001

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From: Gayle Cole <info@bgcole.com.au>

Sent: Wednesday, 9 October 2019 9:41 AM

To: Paul Bird (VF) <paul.bird@vicforests.com.au>

Subject: RE: VF-Kinglake Friends of Forest - recent meeting



Good morning Paul,
Thank you for your email. Could I please have a legend of the map. What are the stars and the blue dots and any other things not listed in legend shown.
Regards
Gayle

From: Paul Bird (VF) [mailto:paul.bird@vicforests.com.au]
Sent: Wednesday, 9 October 2019 9:52 AM
To: Gayle Cole
Subject: RE: VF-Kinglake Friends of Forest - recent meeting

Hi Gayle,
The stars are greater glider sightings; blue dotted area is harvesting zone.
Regards P

Paul Bird | Manager Stakeholder Engagement and Corporate Communications
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From: Gayle Cole <info@bgcole.com.au>
Date: Wed, Oct 9, 2019 at 10:36 AM
Subject: RE: VF-Kinglake Friends of Forest - recent meeting
To: Paul Bird (VF) <paul.bird@vicforests.com.au>

Hi Paul,

The stars do not add up to what you have indicated. Could you please provide a report that has some integrity (ie GPS points etc, etc) something akin to the calibre of the reports that WATCH submit to you.

As you are aware having sightings this far apart would negate the first sightings as it could be the same animal that you have reported. I look forward to your correspondence.

Regards

Gayle Cole.



Appendix F

Fauna survey provided to DELWP

https://drive.google.com/file/d/1B5LsL03WoXWckh3GFT9xSML_KUngYMJc/view?usp=sharing

Appendix G

Fauna survey DELWP surveys March 2019 coupes in Kinglake 295-539-0001 Spyglass in Kinglake (logged July 2019)

Forest Management Area	Regional Forest Agreement Area	Coupe ID	Coupe Name	Survey Techniques	Camera ID	Observation Date	Observation Record	Count	FPSP Targeted Observation		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	13/03/2019	Greater Glider	1	Yes		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	13/03/2019	Greater Glider	1	Yes		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	13/03/2019	Mountain Brush-tailed Possum	2	No		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	13/03/2019	Eastern Ring-tailed Possum	1	No		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	13/03/2019	Mountain Brush-tailed Possum	1	No		
Central	Central Highlands	295-539-0001	Spyglass	OppObs	N/A	12/03/2019	Greater Glider	1	Yes		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	12/03/2019	Greater Glider	1	Yes		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	12/03/2019	Greater Glider	1	Yes		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	12/03/2019	Eastern Ring-tailed Possum	1	No		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	12/03/2019	Sugar Glider	1	No		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	12/03/2019	Eastern Ring-tailed Possum	1	No		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	12/03/2019	Eastern Ring-tailed Possum	1	No		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	12/03/2019	Eastern Ring-tailed Possum	1	No		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	12/03/2019	Eastern Ring-tailed Possum	1	No		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	11/03/2019	Greater Glider	2	Yes		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	11/03/2019	Greater Glider	1	Yes		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	11/03/2019	Yellow-bellied Glider	1	Yes		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	11/03/2019	Greater Glider	1	Yes		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	11/03/2019	Greater Glider	1	Yes		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	11/03/2019	Greater Glider	1	Yes		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	11/03/2019	Greater Glider	1	Yes		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	11/03/2019	Greater Glider	1	Yes		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	11/03/2019	Mountain Brush-tailed Possum	1	No		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	11/03/2019	Sugar Glider	1	No		
Showing 1 to 25 of 30 entries (filtered from 8,789 total entries)							Previous		1	2	Next
Forest Management Area	Regional Forest Agreement Area	Coupe ID	Coupe Name	Survey Techniques	Camera ID	Observation Date	Observation Record	Count	FPSP Targeted Observation		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	11/03/2019	Mountain Brush-tailed Possum	1	No		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	11/03/2019	Eastern Ring-tailed Possum	1	No		
Central	Central Highlands	295-539-0001	Spyglass	SLCP	N/A	11/03/2019	Eastern Ring-tailed Possum	1	No		
Central	Central Highlands	295-539-0001	Spyglass	CHASS	N/A	13/08/2019	Target taxa not found	N/A	No		
Central	Central Highlands	295-539-0001	Spyglass	FLORA	N/A	03/07/2019	Target taxa not found	N/A	No		
Showing 26 to 30 of 30 entries (filtered from 8,789 total entries)							Previous		1	2	Next

Fauna survey DELWP surveys March 2019 coupes in Kinglake 295-548-0020 Wallaces in Kinglake (scheduled for logging April 2020)

Kinglake Friends of the Forest Inc submission to the FSC audit for VicForests



CoupeID	PackageID	CoupeName	ProposedHarvestDate	Species Record	Count	Date	CameraID	ObservationEasting	ObservationNorthing	ObserverEasting	ObserverNorthing	Bearing	Distance
295-538-0021	ForestReport2019-0002	Chyser Creek	1/08/2019	Greater Glider		11/11/2018							
295-538-0021	FISH01	Chyser Creek	1/08/2019	Mountain Galaxias	60	25/02/2019		350511	5855249				
295-538-0021	FISH01	Chyser Creek	1/08/2019	Burrowing Crayfish		25/02/2019		350511	5855249				
295-538-0021	FISH01	Chyser Creek	1/08/2019	Target not found		25/02/2019							
295-518-0003	CHASS02	Recharge	1/05/2019	Target not found		9/08/2018							
295-518-0003	SLCP11	Recharge	1/05/2019	Greater Glider	1	5/03/2019				350746	5858449	118	30
295-518-0003	SLCP11	Recharge	1/05/2019	Eastern Ring-tailed Possum	1	6/03/2019				350721	5858508	203	29
295-518-0003	SLCP11	Recharge	1/05/2019	Southern Boobook	1	6/03/2019				350888	5859318	300	100
295-518-0003	SLCP11	Recharge	1/05/2019	Southern Boobook	1	6/03/2019				350950	5858993	195	100
295-518-0003	SLCP11	Recharge	1/05/2019	Yellow-bellied Glider	1	6/03/2019				350932	5858738	245	100
295-518-0003	SLCP11	Recharge	1/05/2019	Greater Glider	1	6/03/2019				350952	5859184	250	48.8
295-518-0003	SLCP11	Recharge	1/05/2019	Greater Glider	1	6/03/2019				350900	5859300	25	27
295-518-0003	SLCP11	Recharge	1/05/2019	Southern Boobook	1	6/03/2019				350956	5858919	180	100
295-518-0003	SLCP11	Recharge	1/05/2019	Greater Glider	1	7/03/2019				350745	5859442	252	19.8
295-518-0003	SLCP11	Recharge	1/05/2019	Southern Boobook	2	7/03/2019				350758	5859425	225	100
295-518-0003	SLCP11	Recharge	1/05/2019	Southern Boobook	1	7/03/2019				350758	5858425	100	100
295-518-0003	SLCP11	Recharge	1/05/2019	Southern Boobook	1	7/03/2019				350940	5858831	294	10
295-518-0003	SLCP11	Recharge	1/05/2019	Yellow-bellied Glider	1	7/03/2019				350934	5858765	335	100
295-518-0003	SLCP11	Recharge	1/05/2019	Eastern Ring-tailed Possum	1	7/03/2019				350968	5859104	215	41
295-518-0003	SLCP11	Recharge	1/05/2019	Yellow-bellied Glider	1	7/03/2019				350968	5859104	35	50
295-518-0003	SLCP11	Recharge	1/05/2019	Southern Boobook	1	7/03/2019				350959	5858922	50	100
295-538-0001	FLORA01	Spyglass	1/05/2019	Target not found		3/07/2018							
295-538-0001	CHASS02	Spyglass	1/05/2019	Target not found		13/08/2018							
295-538-0001	ForestReport2019-0002	Spyglass	1/05/2019	Greater Glider		11/11/2018							
295-538-0001	ForestReport2019-0002	Spyglass	1/05/2019	Greater Glider		23/12/2018							
295-538-0001	OppObs	Spyglass	1/05/2019	Greater Glider	1	12/03/2019		351639	5854075				
295-538-0001	SLCP11	Spyglass	1/05/2019	Mountain Brush-tailed Possum	1	11/03/2019				351556	5854195	60	5
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	2	11/03/2019				351609	5854128	83	27
295-538-0001	SLCP11	Spyglass	1/05/2019	Sugar Glider	1	11/03/2019				351476	5854588	202	50
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	1	11/03/2019				351605	5854607	182	10
295-538-0001	SLCP11	Spyglass	1/05/2019	Yellow-bellied Glider	1	11/03/2019				351605	5854607	128	50
295-538-0001	SLCP11	Spyglass	1/05/2019	Mountain Brush-tailed Possum	1	11/03/2019				351699	5854513	188	50
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	1	11/03/2019				351715	5854488	100	20
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	1	11/03/2019				351831	5854288	212	60
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	1	11/03/2019				351917	5854148	137	31
295-538-0001	SLCP11	Spyglass	1/05/2019	Sugar Glider	1	11/03/2019				351449	5854532	347	30
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	1	11/03/2019				351587	5854614	142	22
295-538-0001	SLCP11	Spyglass	1/05/2019	Mountain Brush-tailed Possum	1	11/03/2019				351587	5854614	162	35
295-538-0001	SLCP11	Spyglass	1/05/2019	Eastern Ring-tailed Possum	1	11/03/2019				351700	5854506	240	40
295-538-0001	SLCP11	Spyglass	1/05/2019	Eastern Ring-tailed Possum	1	11/03/2019				351755	5854493	48	13
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	1	11/03/2019				351755	5854493	273	18
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	1	11/03/2019				351859	5854268	155	57
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	1	11/03/2019				351927	5854168	189	55
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	1	11/03/2019				351944	5854137	51	35
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	1	12/03/2019				351753	5854478	305	66
295-538-0001	SLCP11	Spyglass	1/05/2019	Eastern Ring-tailed Possum	1	12/03/2019				351984	5854096	112	20
295-538-0001	SLCP11	Spyglass	1/05/2019	Sugar Glider	1	12/03/2019				351440	5854527	282	8
295-538-0001	SLCP11	Spyglass	1/05/2019	Eastern Ring-tailed Possum	1	12/03/2019				351615	5854008	48	20
295-538-0001	SLCP11	Spyglass	1/05/2019	Eastern Ring-tailed Possum	1	12/03/2019				351744	5854486	116	34
295-538-0001	SLCP11	Spyglass	1/05/2019	Eastern Ring-tailed Possum	1	12/03/2019				351824	5854299	62	19
295-538-0001	SLCP11	Spyglass	1/05/2019	Eastern Ring-tailed Possum	1	12/03/2019				351833	5854290	64	25
295-538-0001	SLCP11	Spyglass	1/05/2019	Eastern Ring-tailed Possum	1	12/03/2019				351833	5854290	87	29
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	1	12/03/2019				351918	5854149	135	41
295-538-0001	SLCP11	Spyglass	1/05/2019	Mountain Brush-tailed Possum	2	13/03/2019				351547	5854220	110	8
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	1	13/03/2019				351610	5854128	63	38
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	1	13/03/2019				351920	5854142	138	32
295-538-0001	SLCP11	Spyglass	1/05/2019	Eastern Ring-tailed Possum	1	13/03/2019				351720	5854412	233	21
295-538-0001	SLCP11	Spyglass	1/05/2019	Mountain Brush-tailed Possum	1	13/03/2019				351881	5854269	151	6
295-538-0001	SLCP11	Spyglass	1/05/2019	Greater Glider	1	13/03/2019				351909	5854170	180	56



Appendix H

From Draft HCV Management Systems June 3 2019 p 10 / 11

Source: VicForests

VicForests acknowledges the considerable body of research in Australia on factors that influence the extent to which large old trees can be maintained in harvested native forests. Specifically, VicForests notes a range of studies by researchers at the Australian National University over the past 12 years on the conservation of large old trees in native forest landscapes – for example, Lindenmayer, 2016¹³; Gibbons et al., 2010¹⁴; and Gibbons et al., 2008¹⁵. The findings and recommendations from these studies are closely aligned in recommending guidelines to maintain the function provided by old trees over the long term. The general principles that apply comprise:

- Protect the existing individual large old trees, through measures that may include establishing retention patches or clumps around these trees, reducing fuel loads around the base, and applying buffers to reduce the risk of damage from fire or windthrow;

¹³ Lindenmayer, D.B. (2016) Conserving large old trees as small natural features. *Biological Conservation* (2016), <http://dx.doi.org/10.1016/j.biocon.2016.11.012>.

¹⁴ Gibbons, P., McElhinny, C., Lindenmayer, D.B (2010). What strategies are effective for perpetuating structures provided by old trees in harvested forests? A case study on trees with hollows in south-eastern Australia. *Forest Ecology and Management* 260 (2010) 975-982.

¹⁵ Gibbons, P., Cunningham, R., Lindenmayer, D.B (2008). What factors influence the collapse of trees retained on logged sites? A case-control study. *Forest Ecology and Management* 255 (2008) 62-67.

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VicForests' High Conservation Values Management System
Revised draft for stakeholder input

- Ensure there is enough recruitment to replace existing large old trees as they senesce and die or collapse, with some of the research suggesting the retention of two recruitment trees for every old tree retained¹⁶;
- Select the largest and healthiest trees available to maintain habitat connectivity or recruitment to provide habitat in the future, and minimise risk of tree mortality or collapse in the near term;
- Facilitate the development of uneven aged stands, e.g. use of single tree selection or thinning systems, with the objective to recruit new trees within the cutting cycle; and

Source: VicForests

VicForests acknowledges the considerable body of research in Australia on factors that influence the extent to which large old trees can be maintained in harvested native forests. Specifically, VicForests notes a range of studies by researchers at the Australian National University over the past 12 years on the conservation of large old trees in native forest landscapes – for example, Lindenmayer, 2016¹¹; Gibbons et al., 2010¹²; and Gibbons et al., 2008¹³. The findings and recommendations from these studies are closely aligned in recommending guidelines to maintain the function provided by old trees over the long term. The general principles that apply comprise:

- Protect the existing individual large old trees, through measures that may include establishing retention patches or clumps around these trees, reducing fuel loads around the base, and applying buffers to reduce the risk of damage from fire or windthrow;

¹¹ Lindenmayer, D.B. (2016) Conserving large old trees as small natural features. *Biological Conservation* (2016), <http://dx.doi.org/10.1016/j.biocon.2016.11.012>.

¹² Gibbons, P., McElhinny, C., Lindenmayer, D.B (2010). What strategies are effective for perpetuating structures provided by old trees in harvested forests? A case study on trees with hollows in south-eastern Australia. *Forest Ecology and Management* 260 (2010) 975-982.

¹³ Gibbons, P., Cunningham, R., Lindenmayer, D.B (2008). What factors influence the collapse of trees retained on logged sites? A case-control study. *Forest Ecology and Management* 255 (2008) 62-67.

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VicForests' High Conservation Values Management System

- Ensure there is enough recruitment to replace existing large old trees as they senesce and die or collapse, with some of the research suggesting the retention of two recruitment trees for every old tree retained¹⁴;
- Select habitat trees to maintain habitat connectivity or recruitment to provide habitat in the future, and minimise risk of tree mortality or collapse in the near term;
- Facilitate the development of uneven aged stands, e.g. use of single tree selection or thinning systems, with the objective to recruit new trees within the cutting cycle; and
- Monitor health and vigour of retained trees over the course of operational practice (i.e. 2

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