

Reasons for Choosing the Location of this Riparian Dam

Our 80 acre property is divided between 55 Acres of protected karri forest and 25 Acres of usable land for agriculture. The stream that flows through our property enters from North-West protected forest region, and leaves our property heading in the South -East direction (As shown in **Picture 2**)

The reasons we purchased this property is for the fact that we can have a slice of paradise nestled close to a protected Karri forest, that loggers and other people cannot touch. It is in our best interest to protect this, and choose the RIGHT location for this dam.

We have had set backs currently from the Water Corporation, on applying for 2 Dams to meet our water needs. As we are now only applying for one small riparian stock dam, it is extremely important that we find our most reliable water source. This would be the stream that flows through our property, rather than surface water.

We would also like to make the application as easy as possible by meeting with the boundary setbacks, through the Shire of Manjimup. What we want to achieve is tapping into the stream 30m away from the Southern Neighbours fence line, as well as clearing minimal amount of Karris. There are generally only small Karris in this desired location. I have also included **Picture 4**, that helps shows the size of the Karri trees that we are avoiding to clear. (2/3 protected Karri forest and 1/3 usable Agriculture land)

Also it is important to note that I will be basing the location of the Dam around keeping the larger Karri trees surrounding it.

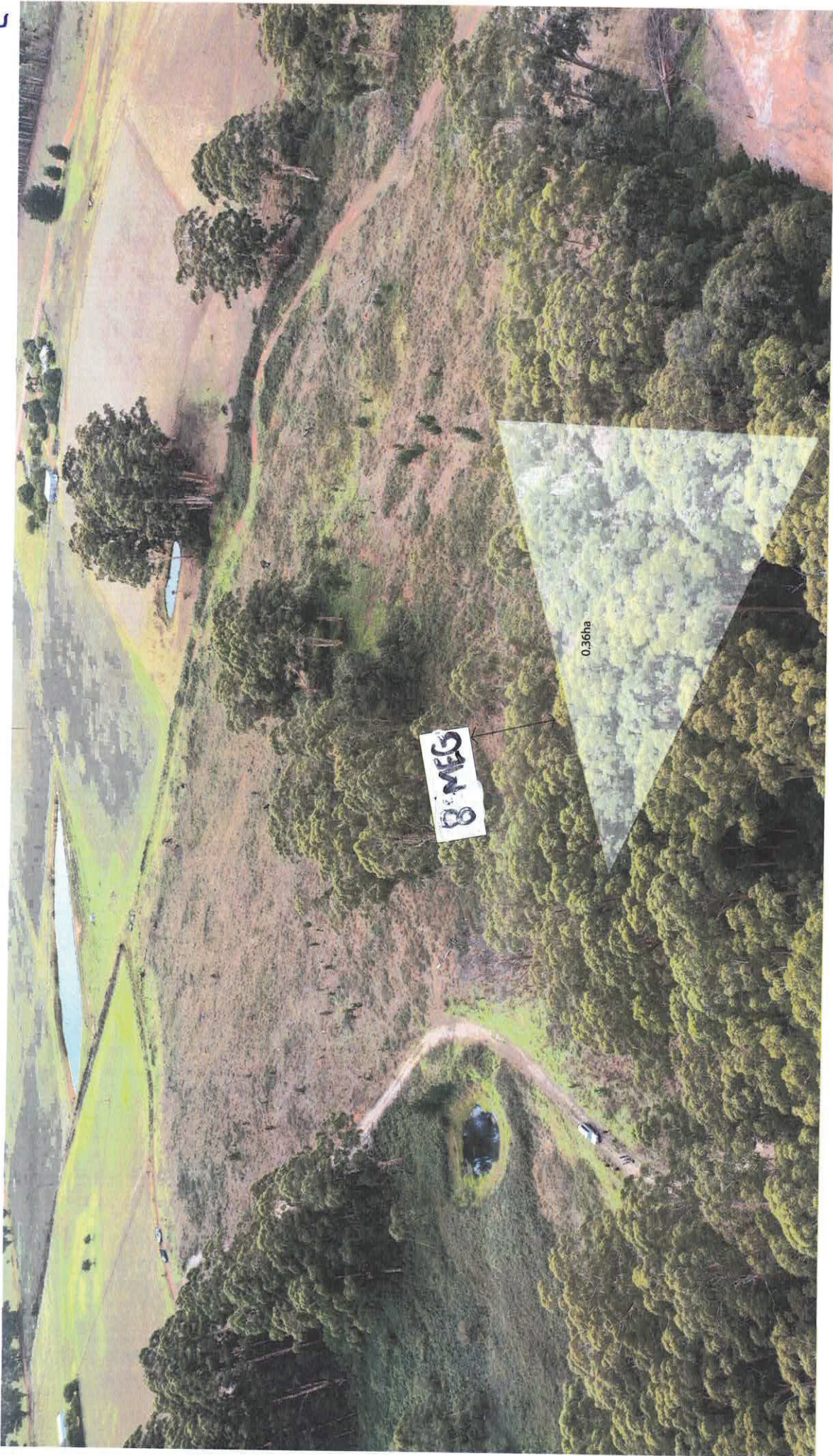
PICTURE 3 & 5 are good pictures detailing the land that would be cleared. Much of it is just soil, and it is essentially only the smaller karri trees that hug the banks of the stream, that we are requesting to clear. **PICTURE 1** is an aerial which is hard to measure what the land is below based on the tree canopy of the Karris.

Hopefully this information should suffice for DWER. Any other information required or a site visit. Please let me know.

Regards



Ben Reynolds
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2

3

5

E

PICTURE 2

E



W
BOUNDARY FENCE OF OUR PROPERTY

↑ stream that flows through property. It is our most reliable water source so we need to choose an area that has the least amount of contamination to it.

W

S

N

E

PICTURE 3

PROPOSED DAM
LOCATION

PICTURE 4

5



SOUTHERLY FENCE

2

SPRINKLER
DIRECTION MARKER PROGRAM

W



← stream flows this way and I would construct dam into the bank so I tap into the stream water surge over flow back out heading East.

N
As seen in this picture, a lot of the land does not have kam trees. It comprised much of just soil. This also clearly shows that the kam trees are smaller in size compared to any other area on our property.



E

N

PICTURE 6

Depicts the land that we propose for the dam.

— stream that runs through our property