



Mr Nathan Wilson
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PO Box 1344
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10 December 2021

Dear Nathan

**RE: Bushfire Attack Level Assessment Summary
Raynbird Road, Narangba
Response to Information Request – Development Application No. DA/2021/1926**

This advice is in response to Items 7 and 8 of the above mentioned Information Request by Moreton Bay Regional Council, and also serves to summarize the Bushfire Attack Level contours that affect the final stages of the Satterley development at Raynbird Road, Narangba.

Recent modifications to the design and vegetative composition of the revegetated drainage reserve / environmental corridor incorporates a central core 15m in width, in the centre of the corridor, solidly planted out to *Lomandra spp.* This serves to improve the filtering function of the corridor, and also significantly reduces the potential bushfire hazard posed by the corridor. It fragments the corridor with a non curing grass which represents a lesser hazard than the Regional Ecosystems which make up the remainder of the revegetation works.

When taken in conjunction with the guidelines provided by Queensland Government in Section 4.2.6 of *Bushfire Resilient Communities – Technical Reference Guide for the State Planning Policy State Interest “Natural Hazards, Risk and Resilience – Bushfire”* (October 2019) this justifies the downgrading of the hazard status of the corridor to Low Hazard. The effective width of the corridor is less than 50m and the fragmenting influence of the corridor core justifies the “patch and corridor filtering” procedure in Section 4.2.6 being applied.

As a consequence, the remaining areas of intact and unmanaged vegetation which have an influence on the Bushfire Attack Level (BAL) ratings for the development are reduced to two forest fragments; one to the north of the development and one on the southern side of Raynbird Road. Both of these forest fragments have been thoroughly analysed in existing Bushfire Attack Level Reports (Client Reference: 009.04.20 dated 28.07.2021, and Client Reference: 015.03.21 dated 7.05.2021).

Figure 1 on the following page of this response identifies the edge of such hazard and also shows the Lots affected under AS3959-2018 *Construction of buildings in bushfire prone areas*.



Figure 1. Lots affected under AS3959-2018

As shown in Figure 1, in the final Stages (11 and 12) of the development, only one Lot (Lot 1278) is affected by BAL 12.5 under AS3959-2018.

Yours sincerely

Alistair Hill

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