

APPENDIX C: ASSESSMENT OF RESIDUAL IMPACTS ON VEGETATION / HABITAT

1 DIRECT CLEARING IMPACTS

Table 1: Clearing of Vegetation Communities Revised KRSL Alignment

Code	Floristic Community Type	TEC/PEC Type	Size of Community within Study Area (ha)	Revised KRSL Clearing of this Community Type (ha)	Revised % Community Type to be cleared	Previous Road Alignment Clearing % (PER)	Change in % Clearing Resulting from Revised Road Alignment
SCP04	<i>Melaleuca preissiana</i> dampland	N/A	38.72	0.32	0.8	0.7	0.1
SCP05	Mixed shrub dampland	N/A	7.43	0	0	0	0
SCP10a	Shrublands on dry clay flat	TEC (Endangered)	4.47	0	0	0	0
SCP21a	Central <i>Banksia attenuata-Eucalyptus marginata</i> woodland	N/A	41.85	0.37	0.9	0.9	0
SCP21c	Low lying <i>Banksia attenuata</i> woodland or shrubland	PEC (Priority 3)	8.93	0.52	5.8	6.2	-0.4
SCP22	<i>Banksia ilicifolia</i> woodland	PEC (Priority 2)	5.78	0.09	1.6	1.7	-0.1
SCP23a	Central <i>Banksia attenuata-Banksia menziesii</i> woodland	N/A	23.94	0.35	1.5	1.5	0
Total all Communities			131.12	1.65	1.26	1.26	0

2 PREDICTED EDGE EFFECTS

Table 2: Areas of Floristic Community Types Affected by Edge Effects from Managed Sealed Road (van Etten, 2014)

Code	Floristic Community Type	TEC/PEC Classification	Size of Community within Study Area (ha)	Edge Effects (ha)	% Community Type Impacted by Edge Effects
SCP04	<i>Melaleuca preissiana</i> dampland	N/A	38.72	0.11	0.28
SCP05	Mixed shrub dampland	N/A	7.43	0.00	0.00
SCP10a	Shrublands on dry clay flat	TEC (Endangered)	4.47	0.00	0.00
SCP21a	Central <i>Banksia attenuata-Eucalyptus marginata</i> woodland	N/A	41.85	0.23	0.55
SCP21c	Low lying <i>Banksia attenuata</i> woodland or shrubland	PEC (Priority 3)	8.93	0.28	3.14
SCP22	<i>Banksia ilicifolia</i> woodland	PEC (Priority 2)	5.78	0.06	1.04
SCP23a	Central <i>Banksia attenuata-Banksia menziesii</i> woodland	N/A	23.94	0.24	1.00
Total all Communities			131.12	0.92	0.70

3 TOTAL PREDICTED RESIDUAL IMPACTS

**Table 3: Clearing and Predicted Edge Effected Areas of Vegetation Communities Revised
KRSL Alignment**

Code	Floristic Community Type	TEC/PEC Classification	Size of Community within Study Area (ha)	Clearing and Predicted Edge Effects (ha)	% Community Type Impacted by Clearing and Edge Effects
SCP04	<i>Melaleuca preissiana</i> dampland	N/A	38.72	0.43	1.11
SCP05	Mixed shrub dampland	N/A	7.43	0	0.00
SCP10a	Shrublands on dry clay flat	TEC (Endangered)	4.47	0	0.00
SCP21a	Central <i>Banksia attenuata</i> - <i>Eucalyptus marginata</i> woodland	N/A	41.85	0.6	1.43
SCP21c	Low lying <i>Banksia attenuata</i> woodland or shrubland	PEC (Priority 3)	8.93	0.8	8.96
SCP22	<i>Banksia ilicifolia</i> woodland	PEC (Priority 2)	5.78	0.15	2.60
SCP23a	Central <i>Banksia attenuata</i> - <i>Banksia menziesii</i> woodland	N/A	23.94	0.59	2.46
Total all Communities			131.12	2.57	1.96