TfNSW biodiversity offset case studies: Version 2, Updated March 2023

	Infrastructure project	Agreement name	Credits/ hectares	Biodiversity values present	Map of agreement
	Sponsored agreements with I	andholders			
1	Woolgoolga to Ballina Upgrade of the Pacific Highway	BA 438 (Site 13A)	778 credits 80 ha	Grassy Woodlands Wet Sclerophyll Forests	Pacific Highway, Jacky Bulbin Flat NSW 2463 Interest Interest
2	Woolgoolga to Ballina Upgrade of the Pacific Highway	BA 439 (Site 13B)	4959 credits 437 ha	Forested Wetlands Dry Sclerophyll Forest Grassy Woodlands Wet Sclerophyll Forests Oxleyan Pygmy Perch	Pacific Highway, Jacky Bulbin Flat NSW 2463 **Common Common Comm

3	Woolgoolga to Ballina Upgrade of the Pacific Highway	BA 437 (Site 23)	185 credits 15.3 ha	Rainforests Forested Wetlands	Figure 3-2 Vegetation and Pabilitat types and condition Impact Control Property
4	Woolgoolga to Ballina Upgrade of the Pacific Highway	BA 434 (Site 29)	190 credits 18 ha	Forested wetlands Wet Sclerophyll Forest (Grassy sub-formation) Wet Sclerophyll Forest (Shrubby sub-formation) Koala	604 Back Channel Road, Wardell NSW 2477 TERMINITE Vegetation Map Language Language

5 Woolgoolga to Ballina Upgrade of the Pacific Highway	BA 433 (Site 30)	376 credits 33 ha	Dry Sclerophyll Forest Forested Wetlands Wet Sclerophyll Forests (Shrubby sub-formation) Koala	Figure 3-2: Vegetalion and habital types and condition Map Ust 1: Blastade Red Midlogary Bandy Forest Map Ust 3: Glosted Cypres File Forest Map Ust 3: Glosted
6 Woolgoolga to Ballina Upgrade of the Pacific Highway	BA 431 (Site 4)	1215 credits 111 ha	Dry Sclerophyll Forest Forested Wetlands Wet Sclerophyll Forest (Grassy sub-formation)	Figure 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 1 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 1 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochanic Very shallow 2 Zondon Page 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOL GA TO BALLIMA) Sind of Biochan

7	Woolgoolga to Ballina Upgrade of the Pacific Highway	BA 481 (Site 43)	3648 credits 387 ha	Dry Sclerophyll Forest Forested Wetlands Wet Sclerophyll Forest (Grassy sub-formation) Wet Sclerophyll Forest (Shrubby sub-formation)	Windquaring from Ballian Parific Highway Upgrate Boldwarty (from Rackage - D773 198 on 40, 177, 198 and 137, Rostock Road (Ste 43) Mas E - Vegetation zenes and Plant Community Types All a Community Types Parific Highway P
8	Woolgoolga to Ballina Upgrade of the Pacific Highway	BA 432 (Site 44)	1208 credits 177 ha	Dry Sclerophyll Forest Forested Wetlands Wet Sclerophyll Forest (Grassy sub-formation)	Webjacolas to Ballins Pacific Highway Upgrade Biogliversity Offset Package - DP7s1ass (of task, 600 Bostock Road, Pillar Valley (Site 44)) Map E - Vogetation zones and Plant Community Types The Package - DP7s1ass (offset Road, Pillar Valley (Site 44)) The Package - DP7s1ass (offs

9	Woolgoolga to Ballina Upgrade of the Pacific Highway	BA 430 (Site 46)	1766 credits 180 ha	Dry Sclerophyll Forest Grassy Woodland	Figure 2 - PACIFIC HICHWAY UPGRADE PROJECT (WOOLGOOLGA TO BALLINA) Side 4 Blobank Vegedation Zones LICKUS LICKUS Vegedation Zones LICKUS Vegedation Zones LICKUS Vegedation Zones LICKUS Vegedation Zones LICKUS LICKUS Vegedation Zones LICKU
10	Woolgoolga to Ballina Upgrade of the Pacific Highway	BA 429 (Site 52)	352 credits 52ha	Dry Sclerophyll Forest Rainforests	Figure 2 - PACIFIC HIGHWAY UPGRADE PROJECT (WOOLGOOLGA TO BALLINA) Sign 52 Biobank Wigdlation Zones Vagnation zones Vagnat

11	Woolgoolga to Ballina Upgrade of the Pacific Highway	BA 442 (Lot 2)	473 credits 29.7 ha	Dry Sclerophyll Forests Wet Sclerophyll Forests (Grassy sub-formation) Wet Sclerophyll Forests (Shrubby sub-formation) Giant Barred Frog	Negligible room The proof of the control form form real The proof of the control form form real The proof of the control form form real The proof of the control form form form form form form form form
12	Woolgoolga to Ballina Upgrade of the Pacific Highway	BA 441 (Lot 712)	445 credits 30.9 ha	Wet Sclerophyll Forests (Grassy sub-formation) Wet Sclerophyll Forests (Shrubby sub-formation) Giant Barred Frog	Radio del Martino Garcino. In como Control Season Services del Control Season

13	Foxground to Berry Bypass	BA 445 (Site 7)	249 credits 394 ha	Wet Sclerophyll Forests	Pigeon (CA & MA) and 64 MA (CA Part of Figure 3.) Pigeon (CA & MA) and 64 MA (CA Part of Figure 3.) Pigeon (CA & MA) and 64 MA (CA Part of Figure 3.) Pigeon (CA & MA) and 64 MA (CA Part of Figure 3.) Pigeon (CA & MA) and 64 MA (CA Part of Figure 3.) Pigeon (CA Part of Figur
14	Foxground to Berry Bypass	BA 369 (Site 30)	181 credits 23ha	Wet Sclerophyll Forests Coastal Swamp Forests	Projection (200 Am Mich and 90)

15	Realignment of the Newell Highway at Grong Grong and Trewilga	BA 426	382 credits 41.8 ha	Grassy Woodlands	Vegetation zones map dated 2 October 2018
16	Lisarow3B Central Coast	BS0037	80 credits 12.4 ha	Forested wetlands Melaleuca biconvexa	Plant Community Types, TEC, survey effort and vegetation zones \$35,000 \$4

17	Coffs Harbour Bypass	BS0067	547 credits 37.8 ha	Wet Sclerophyll Forests Slender Marsdenia Koala	Crawford Hill Stewardship Site Management Zones Crawford Hill Stewardship Site Management Zones Crawford Hill Stewardship Site And Angelow Stewardship Site Angelow Stewar
	Total private land sponsorship		17,034credits 2060ha		

	Infrastructure project requiring offset	Agreement name	Credits generated/ hectares under agreement	Biodiversity values present	Map of agreement
	Agreements over TfNSW	owned land	ds ¹		
1	Rankin Park to Jesmond, Central Coast	BA 340 (Murrays Beach)	268 credits 19.68ha	Rainforests Dry Sclerophyll Forests	Plant Community Types and EECo Ref Economics Protein EECo Ref Economics Reform Community Ref Economics Ref Economics Reform Community Ref Economics Ref Econo

¹ TfNSW pursues a divestment strategy over these lands once the biodiversity credits are generated and the Total Fund Deposit is paid. Future landholders receive all ongoing payments from the TFD.

2	Foxground to Berry, Southern Highlands	BA 417 (site 45)	88 credits 11.2ha	Zieria granulata Daphnandra johnsonii Heathlands Rainforest Forested Wetlands	Total Control of the
3	Foxground to Berry, Southern Highlands	BA 418 (site 47)	52 credits 5.83 ha	Forested wetlands	Lagod Proceed to Close About 18 Region 19 Control of

4	40 Bends Upgrade to Great Western Highway, Blue Mountains/ Central West	BA 424 (40 bends)	976 credits 60.5ha	Purple Copper Butterfly Greater Glider Southern Myotis bat Wet and Dry Sclerophyll Forests Grassy Woodlands	Vagetation since Vagetation since Narrow-beset Pergominin - Mountain Clum - Bu Ribbox Clum - Yakow Box greaty voorbland (PM Ribbox Clum - Yakow Box greaty V
5	Warrel Creek to Urunga/ Oxley Highway to Kempsey	BA 428	6517 credits 499 ha	Wet Sclerophyll Forests Grassy Woodlands Dry Sclerophyll Forests Koala	

5	Woolgoolga to Ballina Upgrade of the Pacific Highway	BA 440 (Site 10)	4629 credits 394 ha	Forested Wetlands Wet Sclerophyll Forests (Grassy sub-formation) Dry Sclerophyll Forests (Shrubby sub-formation)	
6	Woolgoolga to Ballina Upgrade of the Pacific Highway	BA 436 (Site 17)	331 credits 29 ha	Rainforests Wet Sclerophyll Forests (Shrubby sub-formation) Koala	

7	Woolgoolga to Ballina Upgrade of the Pacific Highway	BA435 Mahogany Drive (Site 25)	4467 credits 395ha	Forested Wetlands Dry Sclerophyll Forests (Shrubby & Shrub/ grass sub-formations) Wet Sclerophyll Forests (Grassy sub-formation) Moonee Quassia Angophora robur	
8	Coffs Harbour Bypass	BS0083 Kalang River	7,258 credits 457 ha	Lowland Rainforest Wet Sclerophyll Forests Koala Giant Barred Frog Southern Myotis Slender Marsdenia	
	Total TFNSW owned lands		24,586 credits 1871ha		