

NEOSITTIDAE			
Varied Sittella	<i>Daphoenositta chrysoptera</i>	1	
PACHYCEPHALIDAE			
Rufous Whistler	<i>Pachycephala rufiventris</i>	1	2
DICRURIDAE			
Magpie-lark	<i>Grallina cyanoleuca</i>	1	2
Rufous Fantail	<i>Rhipidura rufifrons</i>	1	
Grey Fantail	<i>Rhipidura albiscapa</i>	1	2
Willie Wagtail	<i>Rhipidura leucophrys</i>	1	2
CAMPEPHAGIDAE			
Black-faced Cuckoo-shrike	<i>Coracina novaehollandiae</i>	1	2
White-winged Triller	<i>Lalage sueurii</i>	1	
ORIOOLIDAE			
Olive-backed Oriole	<i>Oriolus sagittatus</i>	1	
ARTAMIDAE			
White-browed Woodswallow	<i>Artamus superciliosus</i>	1	
Dusky Woodswallow	<i>Artamus cyanopterus</i>	1	2
Grey Butcherbird	<i>Cracticus torquatus</i>	1	2
Australian Magpie	<i>Cracticus tibicen</i>	1	2
Pied Currawong	<i>Strepera graculina</i>	1	2
Grey Currawong	<i>Strepera versicolor</i>	1	
CORVIDAE			
Australian Raven	<i>Corvus coronoides</i>	1	2
Little Raven	<i>Corvus mellori</i>	1	
CORCORACIDAE			
White-winged Chough	<i>Corcorax melanorhamphos</i>	1	2
PTILONORHYNCHIDAE			
Satin Bowerbird	<i>Ptilonorhynchus violaceus</i>	1	
ALAUDIDAE			
Eurasian Skylark*	<i>Alauda arvensis</i>	1	
MOTACILLIDAE			
Australasian Pipit	<i>Anthus novaeseelandiae</i>	1	2
PASSERIDAE			
House Sparrow*	<i>Passer domesticus</i>	1	2
Double-barred Finch	<i>Taeniopygia bichenovii</i>	1	2
Red-browed Finch	<i>Neochmia temporalis</i>	1	2
Diamond Firetail	<i>Stagonopleura guttata</i>	1	2
FRINGILLIDAE			
European Goldfinch*	<i>Carduelis carduelis</i>	1	2
DICAEIDAE			
Mistletoebird	<i>Dicaeum hirundinaceum</i>	1	

HIRUNDINIDAE			
Welcome Swallow	<i>Hirundo neoxena</i>	1	2
Tree Martin	<i>Petrochelidon nigricans</i>	1	2
Fairy Martin	<i>Petrochelidon ariel</i>	1	
SYLVIIDAE			
Australian Reed-Warbler	<i>Acrocephalus australis</i>	1	2
Rufous Songlark	<i>Cincloramphus mathewsi</i>	1	2
Brown Songlark	<i>Cincloramphus cruralis</i>	1	
Golden-headed Cisticola	<i>Cisticola exilis</i>	1	
ZOSTEROPIDAE			
Silvereye	<i>Zosterops lateralis</i>	1	
MUSCICAPIDAE			
Common Blackbird*	<i>Turdus merula</i>	1	2
STURNIDAE			
Common Starling*	<i>Sturnus vulgaris</i>	1	2
Common Myna*	<i>Sturnus tristis</i>	1	2
FROGS			
MYOBATRACHIDAE			
Common Eastern Froglet	<i>Crinia signifera</i>		2
Spotted Grass Frog	<i>Limnodynastes tasmaniensis</i>	1	2
Eastern Banjo Frog	<i>Limnodynastes dumerilii</i>		2
Smooth Toadlet	<i>Uperoleia laevigata</i>	1	2
HYLIDAE			
Green and Golden Bell Frog	<i>Litoria aurea</i>	1	
Peron's Tree Frog	<i>Litoria peronii</i>	1	
REPTILES			
CHELIDAE			
Long-necked Tortoise	<i>Chelodina longicollis</i>	1	2
SCINCIDAE			
Striped Skink	<i>Ctenotus robustus</i>	1	
Copper-tailed Skink	<i>Ctenotus taeniolatus</i>	1	
Boulenger's Skink	<i>Morethia boulengeri</i>	1	
Delicate Skink	<i>Lampropholis delicata</i>		2
Eastern Blue-tongued Lizard	<i>Tiliqua scincoides</i>	1	
ELAPIDAE			
Eastern Brown Snake	<i>Pseudonaja textilis</i>	1	
Pink-tailed Worm Lizard	<i>Aprasia parapulchella</i>	1	
AGAMIDAE			
Bearded Dragon	<i>Pogona barbata</i>		2

Appendix 3
Hollow-bearing Trees in the Project Area

No.	Tree Species	Hollows			Tree dch ¹ (cm)	GPS point (WGS84)
		small	medium	large		
01	<i>Eucalyptus rossii</i>	5	1	-	98	0681424 6098589
02	<i>Eucalyptus blakelyi</i>	-	-	1	70	0682058 6098077
03	<i>Eucalyptus blakelyi</i>	1	-	-	42	0682046 6098102
04	dead tree	4	4	1	77	0681993 6098223
05	<i>Eucalyptus melliodora</i>	2	-	-	78	0681769 6098390
06	<i>Eucalyptus blakelyi</i>	3	2	1	178	0681842 6098436
07	<i>Eucalyptus blakelyi</i>	1	-	-	82	0681819 6098517
08	<i>Eucalyptus blakelyi</i>	4	3	-	123	0681849 6098482
09	<i>Eucalyptus blakelyi</i>	-	2	-	86	0681722 6098461
10	<i>Eucalyptus blakelyi</i>	2	-	-	94	0681716 6098478
11	<i>Eucalyptus bridgesiana</i>	1	-	1	105	0681740 6098591
12	<i>Eucalyptus blakelyi</i>	1	-	-	63	0682742 6098845
13	dead tree	5	-	-	86,32	0682748 6099083
14	<i>Eucalyptus blakelyi</i>	3	-	-	115	0682710 6099124
15	<i>Eucalyptus blakelyi</i>	2	1	1	107	0682853 6099536
16	dead tree	2	-	-	93	0682933 6098624
17	<i>Eucalyptus blakelyi</i>	2	-	2	117	0682925 6098566
18	<i>Eucalyptus blakelyi</i>	1	-	1	80	0682905 6098469
19	<i>Eucalyptus melliodora</i>	1	-	-	213	0683671 6098520
20	<i>Eucalyptus blakelyi</i>	3	2	1	218	0683000 6098702
21	<i>Eucalyptus blakelyi</i>	1	-	1	80,78,78	0683292 6098735

1. dch – trunk diameter at chest height, a measure of a tree's size.

Appendix 4.
Fauna Survey Sheets

Survey Sheet - Animals		Kevin Mills & Associates	
Site Name: Vineyard, Holt, West Belconnen.		Survey No. 01	
Location: Complete site survey.		Observer: K. Mills	
Land Tenure: freehold		Topography: Rolling low hills.	
Date: 08/11/10	Habitats: Remnant woodland, cleared land, dams and drainage lines.		
Time: Start: not recorded	Finish:		
Species	Notes (breeding, etc.)	No.	
Australasian Grebe		X	
Australian Magpie		X	
Australian Raven		X	
Australian Wood Duck		X	
Black-faced Cuckoo-Shrike		X	
Black-fronted Dotterel		X	
Brown Falcon		X	
Brown Goshawk		X	
Common Myna*		X	
Common Starling *		X	
Crested Pigeon		X	
Crimson Rosella		X	
Diamond Firetail		X	
Dusky Moorhen		X	
Dusky Woodswallow		X	
Eastern Rosella		X	
Galah		X	
Grey Teal		X	
Magpie-lark		X	
Noisy Friarbird		X	
Noisy Miner		X	
Pacific Black Duck		X	
Pallid Cuckoo		X	
Pied Currawong		X	
Red Wattlebird		X	
Red-rumped Parrot		X	
Richards Pipit		X	
Sacred Kingfisher		X	
Sulphur-crested Cockatoo		X	
Superb Fairy-wren		X	
Tree Martin		X	
Welcome Swallow		X	
White-plumed Honeyeater		X	
Willie Wagtail		X	
Yellow-rumped Thornbill		X	
Eastern Long-necked Tortoise	observed		
Eastern Grey Kangaroo	observed		
Rabbit *	observed		
<i>Limnodynastes tasmaniensis</i>	calls		
<i>Crinia signifera</i>	calls		

Survey Sheet - Animals		Kevin Mills & Associates
Site Name: Vineyard, Holt, West Belconnen.		Survey No. 02
Location: Complete site survey.		Observer: K. Mills
Land Tenure: freehold	Topography: Rolling low hills.	
Date: 25/09/12	Habitats: Remnant woodland, cleared land, dams and drainage lines.	
Time: Start: 09.50	Finish: 15.00	EST
Species	Notes (breeding, etc.)	No.
Australasian Grebe		3
Australian Magpie	Active nest in tree just outside site	9
Australian Raven		3
Australian Wood Duck	Six young with adults on dam	7
Black-faced Cuckoo-Shrike		2
Brown Goshawk	0681779 6098745	1
Buff-rumped Thornbill		5
Chestnut Teal		2
Common Starling *		17
Crested Pigeon		1
Crimson Rosella	Sitting near tree hollow	8
Double-banded Finch		5
Eastern Rosella		2
Eurasian Coot		1
Galah	Sitting in tree hollow	2
Grey Fantail		3
Grey Shrike-thrush		1
Grey Teal		4
Hardhead		7
Hoary-headed Grebe		1
Laughing Kookaburra		1
Magpie-lark		6
Masked Lapwing		1
Nankeen Kestrel	0681720 6098031	1
Noisy Miner		1
Pacific Black Duck		1
Pied Currawong		3
Red-browed Finch		7
Rufous Songlark		1
Sacred Kingfisher		1
Straw-necked Ibis		2
Striated Pardalote	Pair investigating tree hollows	3
Sulphur-crested Cockatoo	Pair sitting near tree hollow	5
Superb Fairy-wren		12
Tree Martin		2
Welcome Swallow		3
White-faced Heron		1
White-plumed Honeyeater		1
White-winged Chough	Nest building?	2
Willie Wagtail		4
Yellow-faced Honeyeater		1
Yellow-rumped Thornbill		5
Eastern Long-necked Tortoise	several observed in dam	
Delicate Skink	observed	
Common Wombat	dung, burrows	
Eastern Grey Kangaroo	observed	
Rabbit *	dung, burrows	
<i>Limnodynastes dumerili</i>	calls	
<i>Limnodynastes tasmaniensis</i>	calls	
<i>Crinia signifera</i>	calls	
<i>Uperoleia laevigata</i>	calls	

Survey Sheet - Animals		Kevin Mills & Associates	
Site Name: Vineyard, Holt, West Belconnen.		Survey No. 03	
Location: Complete site survey.		Observer: K. Mills	
Land Tenure: freehold		Topography: Rolling low hills.	
Date: 17/10/12	Habitats: Remnant woodland, cleared land, dams and drainage lines.		
Time: Start: 13.50	Finish: 16.15	EDST	
Species	Notes (breeding, etc.)	No.	
Australasian Grebe		2	
Australian Magpie		13	
Australian Raven		3	
Australian Wood Duck		13	
Common Starling *		16	
Crested Pigeon		1	
Crimson Rosella		5	
Double-banded Finch		5	
Eastern Rosella		6	
Eurasian Coot		3	
Galah		6	
Grey Fantail		3	
Grey Teal		4	
Hardhead		8	
Little Eagle	Over south-eastern part of area 0682885 6098882	1	
Magpie-lark		4	
Nankeen Kestrel	56 0682180 6098074	1	
Noisy Miner		1	
Pacific Black Duck		2	
Pied Currawong		1	
Red-browed Finch		2	
Red Wattlebird		1	
Red-rumped Parrot		2	
Richards Pipit		1	
Southern Whiteface		1	
Striated Pardalote		5	
Sulphur-crested Cockatoo		3	
Superb Fairy-wren		10	
Tree Martin		2	
Welcome Swallow		2	
White-faced Heron		4	
White-browed Scrubwren		2	
White-winged Chough	Feeding young	6	
Willie Wagtail		3	
Yellow-faced Honeyeater		5	
Yellow-rumped Thornbill		2	
Eastern Grey Kangaroo	observed		
Short-beaked Echidna	observed		
House Mouse*	Nest under rock		
Bearded Dragon	observed		
<i>Limnodynastes dumerilii</i>	calls		
<i>Limnodynastes tasmaniensis</i>	calls		
<i>Crinia signifera</i>	calls		
<i>Uperoleia laevigata</i>	calls		

Survey Sheet - Animals		Kevin Mills & Associates	
Site Name: Vineyard, Holt, West Belconnen.		Survey No. 04	
Location: Complete site survey.		Observer: K. Mills	
Land Tenure: freehold		Topography: Rolling low hills.	
Date: 18/10/12		Habitats: Remnant woodland, cleared land, dams and drainage lines.	
Time: Start: 09.45		Finish: 11.15	
		EDST	
Species	Notes (breeding, etc.)	No.	
Australasian Grebe		4	
Australian Magpie	nest with young	27	
Australian Raven		1	
Australian Wood Duck		24	
Black-faced Cuckoo-shrike		1	
Brown Goshawk	56 0681603 6098542	1	
Common Starling *		7	
Crimson Rosella		9	
Double-banded Finch		26	
Dusky Moorhen		1	
Eastern Rosella		2	
Eurasian Coot		1	
Galah		10	
Grey Fantail		4	
Grey Teal		3	
Hardhead		11	
Little Eagle	Over south-eastern part of area 0682885 6098882	1	
Magpie-lark		1	
Nankeen Kestrel	56 0682020 6097926	1	
Pacific Black Duck		2	
Pied Currawong		2	
Red-browed Finch		3	
Red Wattlebird		1	
Red-rumped Parrot		4	
Rufous Whistler		1	
Striated Pardalote		4	
Sulphur-crested Cockatoo		9	
Superb Fairy-wren		13	
Tree Martin		1	
Wedge-tailed Eagle	56 0681356 6098504	1	
Welcome Swallow		3	
White-faced Heron		2	
White-plumed Honeyeater		1	
White-winged Chough		3	
Willie Wagtail		3	
Yellow-faced Honeyeater		10	
Yellow-rumped Thornbill		2	
Eastern Grey Kangaroo	Observed		
Fox*	Observed		
<i>Limnodynastes dumerilii</i>	calls		
<i>Limnodynastes tasmaniensis</i>	calls		
<i>Crinia signifera</i>	calls		
<i>Uperoleia laevigata</i>	calls		

Survey Sheet - Animals		Kevin Mills & Associates	
Site Name: Vineyard, Holt, West Belconnen.		Survey No. 05	
Location: Complete site survey.		Observer: K. Mills	
Land Tenure: freehold		Topography: Rolling low hills.	
Date: 23/10/12		Habitats: Remnant woodland, cleared land, dams and drainage lines.	
Time: Start: 16.30		Finish: 18.00	
		EDST	
Species	Notes (breeding, etc.)	No.	
Australasian Grebe		4	
Australian Magpie		21	
Australian Raven		1	
Australian Wood Duck		20	
Black-faced Cuckoo-shrike		1	
Black-shouldered Kite	0681780 6098746	1	
Buff-banded Rail	Flushed from dam	1	
Buff-rumped Thornbill		1	
Common Myna*		6	
Common Starling *		6	
Crested Pigeon		2	
Crimson Rosella		9	
Double-banded Finch		12	
Eastern Rosella		3	
Eurasian Coot		1	
Galah		6	
Grey Fantail		3	
Grey Teal		9	
Hardhead		10	
Magpie-lark		4	
Noisy Miner		2	
Pacific Black Duck		6	
Pied Currawong		2	
Red Wattlebird		1	
Richards Pipit		1	
Straw-necked ibis		1	
Striated Pardalote		3	
Sulphur-crested Cockatoo		3	
Superb Fairy-wren		11	
Superb Parrot	2 males - 0682584 6099730; pair - just east of 0683053 6099292	4	
Tree Martin		1	
Welcome Swallow		4	
White-browed Scrubwren		2	
White-faced Heron		3	
Willie Wagtail		1	
Yellow-rumped Thornbill		2	
Eastern Grey Kangaroo	observed		
<i>Uperoleia laevigata</i>	calls		

Survey Sheet - Animals		Kevin Mills & Associates	
Site Name: Vineyard, Holt, West Belconnen.		Survey No. 06	
Location: Complete site survey.		Observer: K. Mills	
Land Tenure: freehold		Topography: Rolling low hills.	
Date: 24/10/12	Habitats: Remnant woodland, cleared land, dams and drainage lines.		
Time: Start: 08.45	Finish: 10.15	EDST	
Species	Notes (breeding, etc.)	No.	
Australasian Grebe		7	
Australian Magpie	juveniles	17	
Australian Raven		3	
Australian Wood Duck	plus 7 young	19	
Black-faced Cuckoo-shrike		2	
Common Myna*		2	
Common Starling*		45	
Crested Pigeon		4	
Crimson Rosella		9	
Double-banded Finch		14	
Eastern Rosella		7	
Eurasian Coot		1	
European Goldfinch*		2	
Galah		6	
Grey Butcherbird		1	
Grey Fantail		2	
Grey Teal		4	
Hardhead		9	
Laughing Kookaburra		1	
Magpie-lark		12	
Nankeen Kestrel	0681380 6098544; 0681879 6097966; 0682090 6097697; 0683012 6099087	4	
Noisy Friarbird		1	
Noisy Miner		2	
Pacific Black Duck	plus 8 young	4	
Pied Currawong		3	
Red Wattlebird		2	
Red-browed Finch		2	
Red-rumped Parrot		5	
Rufous Whistler		1	
Straw-necked Ibis		1	
Striated Pardalote		5	
Sulphur-crested Cockatoo		4	
Superb Fairy-wren		13	
Superb Parrot	8. 0681380 6098544, heading south 3. 0681572 6098585, heading west 3. 0682725 6098497, heading south	14	
Tree Martin		5	
Welcome Swallow		4	
White-faced Heron		5	
Willie Wagtail		1	
Yellow-rumped Thornbill		2	
Eastern Grey Kangaroo	observed		
Fox*	observed		
<i>Crinia signifera</i>	calls		

Survey Sheet - Animals		Kevin Mills & Associates
Site Name: Vineyard, Holt, West Belconnen.		Survey No. 07
Location: Complete site survey.		Observer: K. Mills
Land Tenure: freehold	Topography: Rolling low hills.	
Date: 25/10/12	Habitats: Remnant woodland, cleared land, dams and drainage lines.	
Time: Start: 07.45	Finish: 09.15	EDST
Species	Notes (breeding, etc.)	No.
Australasian Grebe		1
Australian Magpie		14
Australian Raven		6
Australian White Ibis		1
Australian Wood Duck	4 chicks	16
Buff-rumped Thornbill		3
Common Myna*		4
Common Starling*		15
Crested Pigeon		3
Crimson Rosella		9
Diamond Firetail	0682965 6098744	1
Double-banded Finch		39
Eastern Rosella		1
Eurasian Coot		1
Galah		12
Grey Butcherbird		1
Grey Fantail		3
Grey Teal		8
Hardhead		10
Little Eagle	overhead 0682984 6098807	1
Magpie-lark	nest	6
Nankeen Kestrel	0682122 6097715; 0681700 6098668	2
Noisy Friarbird		1
Noisy Miner		5
Pacific Black Duck		3
Pied Currawong		3
Rainbow Bee-eater		1
Red Wattlebird		1
Red-rumped Parrot		4
Sacred Kingfisher		1
Straw-necked Ibis		1
Striated Pardalote		6
Sulphur-crested Cockatoo		10
Superb Fairy-wren		9
Superb Parrot	2m. 0681481 6098613 (heading south) 1m. 0682541 6098729 (drinking at pool in track) 2m, 1f. 0682675 6098721 (feeding in tree) 1m. 0682612 6098726	7
Tree Martin		5
Welcome Swallow		4
White-plumed Honeyeater		1
Willie Wagtail		3
Yellow-rumped Thornbill		2
Eastern Grey Kangaroo		
Fox*		
<i>Crinia signifera</i>		

Survey Sheet - Animals		Kevin Mills & Associates	
Site Name: Vineyard, Holt, West Belconnen.		Survey No. 08	
Location: Complete site survey.		Observer: K. Mills	
Land Tenure: freehold		Topography: Rolling low hills.	
Date: 30/10/12		Habitats: Remnant woodland, cleared land, dams and drainage lines.	
Time: Start: 16.55	Finish: 18.30	EDST	
Species	Notes (breeding, etc.)	No.	
Australasian Grebe		2	
Australian Magpie		19	
Australian Raven		6	
Australian Wood Duck		13	
Black-faced Cuckoo-shrike		2	
Black-shouldered Kite	0681779 6098740	1	
Brown Falcon	0682930 0698641	1	
Buff-rumped Thornbill		2	
Common Blackbird*		1	
Common Myna*		3	
Common Starling*		28	
Crested Pigeon		1	
Crimson Rosella		10	
Double-banded Finch		3	
Eastern Rosella		4	
Eurasian Coot		2	
European Goldfinch*		2	
Galah		11	
Grey Fantail		1	
Grey Teal		9	
Hardhead		6	
Magpie-lark		6	
Noisy Miner		2	
Pacific Black Duck	7 chicks. 6 chicks.	4	
Pied Currawong		2	
Red Wattlebird		1	
Red-rumped Parrot		5	
Striated Pardalote		4	
Sulphur-crested Cockatoo		4	
Superb Fairy-wren		9	
Superb Parrot	1m. 0682635 0698731. (heading west) 1. 0682900 6098453 (heading to southwest) 1m. 1f. 0683126 6098827 (heading to south) and 1f. heading north (same bird?)	4 (?5)	
Tree Martin		6	
Welcome Swallow		10	
White-faced Heron		2	
White-winged Chough		2	
Willie Wagtail		3	
Eastern Grey Kangaroo	observed	12	
Brown Hare*	observed	1	

Survey Sheet - Animals		Kevin Mills & Associates	
Site Name: Vineyard, Holt, West Belconnen.		Survey No. 09	
Location: Complete site survey.		Observer: K. Mills	
Land Tenure: freehold		Topography: Rolling low hills.	
Date: 31/10/12	Habitats: Remnant woodland, cleared land, dams and drainage lines.		
Time: Start: 06.40	Finish: 08.25	EDST	
Species	Notes (breeding, etc.)	No.	
Australasian Grebe		1	
Australian Magpie		30	
Australian Raven		3	
Australian Wood Duck		34	
Black-faced Cuckoo-shrike		2	
Black-shouldered Kite	0681768 6098756	1	
Common Blackbird*		1	
Common Myna*		8	
Common Starling*		11	
Crested Pigeon		6	
Crimson Rosella		8	
Dollarbird		1	
Double-banded Finch		17	
Eastern Rosella		19	
Eurasian Coot		1	
European Goldfinch*		14	
Galah		15	
Grey Fantail		2	
Grey Teal	3 chicks	4	
Hardhead		7	
Laughing Kookaburra		2	
Little Black Cormorant		1	
Magpie-lark	1. nest. 2. Nest building	6	
Nankeen Kestrel	0681529 6098613 0682099 6098053	2	
Noisy Miner		2	
Pacific Black Duck	5 chicks	7	
Pied Currawong		5	
Red Wattlebird		4	
Red-rumped Parrot		10	
Sacred Kingfisher		1	
Straw-necked ibis		2	
Striated Pardalote		6	
Sulphur-crested Cockatoo		8	
Superb Fairy-wren		13	
Superb Parrot	7 (heading south) 0681466 698617, west of road 1 (heard calling) 0682608 6098723 2m. 06826634 6098721 (heading north) 1m. 0682675 6098725 1m. 0682535 609873 (heading south)	12	
Tree Martin		4	
Welcome Swallow		13	
White-browed Scrubwren		1	
White-faced Heron		3	
White-necked Heron		1	
Willie Wagtail		3	
Eastern Grey Kangaroo	observed		
Rabbit*	observed		
Brown Hare*	Observed - pair with 1 juvenile		

Survey Sheet - Animals		Kevin Mills & Associates	
Site Name: Vineyard, Holt, West Belconnen.		Survey No. 10	
Location: Complete site survey.		Observer: K. Mills	
Land Tenure: freehold		Topography: Rolling low hills.	
Date: 1/11/12		Habitats: Remnant woodland, cleared land, dams and drainage lines.	
Time: Start: 08.15	Finish: 10.15	EDST	
Species	Notes (breeding, etc.)	No.	
Australasian Grebe		3	
Australian Magpie		32	
Australian Raven		4	
Australian Reed-Warbler		1	
Australian Spotted Crane	1 observed on small dam	1	
Australian Wood Duck		22	
Black-shouldered Kite	0681774 6098753	1	
Brown Thornbill		2	
Common Blackbird*		1	
Common Myna*	entering tree hollow	6	
Common Starling*		20	
Crested Pigeon		4	
Crimson Rosella		10	
Double-banded Finch		12	
Eastern Rosella		4	
Eurasian Coot		1	
European Goldfinch*		1	
Galah		19	
Grey Fantail		1	
Grey Teal		4	
Hardhead		10	
House Sparrow*		1	
Magpie-lark		6	
Noisy Miner		1	
Pacific Black Duck	+ 8 chicks	5	
Pied Currawong	nest building	16	
Red Wattlebird		2	
Red-rumped Parrot		7	
Rufous Songlark		1	
Straw-necked Ibis		6	
Striated Pardalote		10	
Sulphur-crested Cockatoo		38	
Superb Fairy-wren		14	
Superb Parrot	3 going west 0681826 6098523 (same as below?) 1m heading north 0682926 6098644 2m.1f. heading east 0681787 6098719	7	
Tree Martin		8	
Welcome Swallow		9	
White-faced Heron		4	
White-necked Heron		1	
White-plumed Honeyeater		1	
Willie Wagtail		3	
Eastern Grey Kangaroo	observed		
Common Wombat	burrows		
Fox*	observed		
Brown Hare*	observed - 2 juveniles		

Survey Sheet - Animals		Kevin Mills & Associates	
Site Name: Vineyard, Holt, West Belconnen.		Survey No. 11	
Location: Complete site survey.		Observer: K. Mills	
Land Tenure: freehold		Topography: Rolling low hills.	
Date: 13/11/12	Habitats: Remnant woodland, cleared land, dams and drainage lines.		
Time: Start: 14.10	Finish: 17.15	EDST	
Species	Notes (breeding, etc.)	No.	
Australasian Grebe		5	
Australian Magpie		25	
Australian Raven		2	
Australian Reed-Warbler		1	
Australian Wood Duck	chicks near dam	41	
Black-faced Cuckoo-shrike		1	
Black-fronted Dotterel		1	
Brown Thornbill		2	
Buff-banded Rail	Flushed from dam	1	
Common Myna*		2	
Common Starling*		16	
Crimson Rosella		6	
Dollarbird		1	
Double-banded Finch		3	
Dusky Woodswallow	0683648 6098366	2	
Eastern Rosella		4	
Eurasian Coot		4	
European Goldfinch*		3	
Galah		6	
Great Cormorant		3	
Grey Fantail		2	
Grey Shrike-thrush		1	
Grey Teal	+ 4 chicks	9	
Hardhead		5	
Little Eagle	0682741 6098738	1	
Magpie-lark		4	
Noisy Miner		2	
Pacific Black Duck	+ 6 chicks	5	
Pied Currawong		1	
Red-rumped Parrot		4	
Rufous Whistler		1	
Sacred Kingfisher		1	
Straw-necked Ibis		1	
Striated Pardalote		2	
Sulphur-crested Cockatoo		11	
Superb Fairy-wren		8	
Superb Parrot	1m.1f. 0682988 6098945 (heading north)	2	
Tree Martin		1	
Welcome Swallow		11	
White-faced Heron		2	
White-necked Heron		1	
Willie Wagtail		2	
Eastern Grey Kangaroo	dung		
Common Wombat	burrows		
Fox*	observed		
Rabbit*	dung		
Eastern long-necked Tortoise	Observed on dam		

Survey Sheet - Animals		Kevin Mills & Associates	
Site Name: Vineyard, Holt, West Belconnen.		Survey No. 12	
Location: Complete site survey.		Observer: K. Mills	
Land Tenure: freehold		Topography: Rolling low hills.	
Date: 14/11/12	Habitats: Remnant woodland, cleared land, dams and drainage lines.		
Time: Start: 07.00	Finish: 08.45	EDST	
Species	Notes (breeding, etc.)	No.	
Australasian Grebe		2	
Australian Magpie		19	
Australian Wood Duck		21	
Brown Thornbill		2	
Falcon	0682931 6098640	1	
Common Blackbird*		1	
Common Myna*		3	
Common Starling*		24	
Crested Pigeon		5	
Crimson Rosella		7	
Double-banded Finch		2	
Eastern Rosella	seen in hollow	12	
Eurasian Coot		3	
European Goldfinch*		8	
Galah		4	
Grey Butcherbird		1	
Grey Fantail		2	
Grey Teal	4 chicks	6	
Hardhead		4	
Laughing kookaburra		1	
Magpie-lark		3	
Pacific Black Duck		5	
Pied Currawong		1	
Red-rumped Parrot		4	
Richards Pipit		3	
Rufous Songlark		1	
Rufous Whistler		2	
Straw-necked Ibis		6	
Striated Pardalote	seen entering hollow	7	
Sulphur-crested Cockatoo		10	
Superb Fairy-wren		7	
Superb Parrot	0681784 6098386 2 heading west 0683028 6098818 1f heading north	3	
Tree Martin	in hollow	4	
Welcome Swallow		13	
White-faced Heron		3	
White-necked Heron		1	
White-plumed Honeyeater		1	
Willie Wagtail		1	
Yellow-faced Honeyeater		2	
Eastern Grey Kangaroo	observed		
Sambar Deer	observed		
<i>Crinia signifera</i>	calls		
Rabbit*	observed		

Appendix 5
Birds of Prey recorded in the Study Area

Species	Date	GPS Location
Brown Falcon	30.10.12	0682930 6098641
	13.11.12	0682914 6098503
	14.11.12	0682931 6098640
Brown Goshawk	08.10.10	
	11.09.10	0681779 6098745
	18.10.12	0681603 6098542
Black-shouldered Kite	23.10.12	0681780 6098746
	30.10.12	0681779 6098740
	31.10.12	0681768 6098756
Little Eagle	17.10.12	0682180 6098074
	18.10.12	0682885 6098882
	13.11.12	0682741 6098738
Nankeen Kestrel	25.09.10	0681720 6098031
	17.10.12	0682180 6098074
	18.10.12	0682020 6097926
	24.10.12	0681380 6098544
	24.10.12	0681879 6097966
	24.10.12	0682090 6097697
	24.10.12	0683012 6099087
	24.10.12	0682048 6097298
	25.10.12	0682122 6097715
	25.10.12	0681700 6098668
	31.10.12	0681529 6098613
	31.10.12	0682099 6098053
Wedge-tailed Eagle	18.10.12	0681356 6098504

Appendix 6
Records of Threatened and Rare Animals in the Study Area

Species	Date	GPS Location
Little Eagle	17.10.12	0682885 6098882
	18.10.12	0682885 6098882
	25.10.12	0682984 6098807
	13.11.12	0682741 6098738
Superb Parrot	23.10.12	0682584 6099730 (2m)
	23.10.12	0683053 6099292 (pair)
	24.10.12	0681380 6098544 (8)
	24.10.12	0681572 6098585 (3)
	24.10.12	0682723 6098497 (3)
	25.10.12	0681481 6098613 (2m; heading south)
	25.10.12	0682541 6098729 (1m; drinking at pool in track)
	25.10.12	0682675 6098721 (2m, 1f; feeding in tree)
	25.10.12	0682612 6098726 (1m)
	30.10.12	1m. 0682635 0698731. (heading west)
	30.10.12	1. 0682900 6098453(heading to southwest)
	30.10.12	1m. 1f. 0683126 6098827 (heading to south) and
	30.10.12	1f. heading north (same bird?)
	13.11.12	1m. 1f. 0682988 6098945 (heading north)
	14.11.12	0681784 6098386 2 heading west
14.11.12	0683028 6098818 1f heading north	
Diamond Firetail	08.10.10	0682782 6098867
	25.10.12	0682965 6098744 (1)
Dusky Woodswallow	08.10.10	exact location unrecorded
	13.11.12	0683648 6098366

Appendix 7
Vegetation Survey Results

A. Step-Point Transects

Site	A	B1	B2
Date	24.10.12	24.10.12	24.10.12
Location Name	Eastern Woodland	Valley Woodland	Valley Woodland
GPS start	0683648 6098366	0682731 6098095	0682620 6098507
GPS finish	0683694 6098334	0682729 6098480	0682629 6098612
Cryptograms	-	-	-
Bare Earth	-	3	2
Rock	-	-	-
Litter/dead vegetation	-	-	7
Annual Exotic Grass	50	61	79
Perennial Exotic Grass	55	24	6
Exotic Broadleaf	2	6	10
Perennial Native Grass	-	13	3
Other Native	-	-	-
Dom. Natives	na	<i>Bothriochloa macra</i>	na
Designated Type	exotic grassland	exotic grassland	exotic grassland

Site	C	D	E
Date	24.10.12	24.10.12	24.10.12
Location Name	Central grassland	Western woodland	Southern valley
GPS start	0682097 6098722	0681880 6098440	068
GPS angle	0682140 6098710	-	-
GPS finish	0682090 6098725	0681817 6098562	068
Cryptograms	-	-	-
Bare Earth	6	2	4
Rock	-	-	13
Litter/dead vegetation	-	2	-
Annual Exotic Grass	3	135	11
Perennial Exotic Grass	3	3	-
Exotic Broadleaf	27	6	2
Perennial Native Grass	61	-	103
Other Native	-	3	2
Dom. Natives	<i>Austrostipa scabra</i>	<i>Microlaena stipoides</i> <i>Carex appressa</i>	<i>Austrostipa scabra</i>
Designated Type	native grassland	exotic grassland	native grassland

Site	F	D
Date	24.10.12	03.11.12
Location Name	Southern valley	Large dam
GPS start	0682029 6097155	0682911 6098816
GPS angle	-	0682971 6098828
GPS finish	0682048 6097298	0682907 6098757
Cryptograms	-	-
Bare Earth	2	28
Rock	2	-
Litter/dead vegetation	-	-
Annual Exotic Grass	20	24
Perennial Exotic Grass	-	14
Exotic Broadleaf	3	23
Perennial Native Grass	115	71
Other Native	2	1
Dom. Natives	<i>Austrostipa bigeniculata</i> <i>Themeda australis</i> <i>Bothriochloa macra</i>	<i>Themeda australis</i> <i>Austrodanthonia</i> spp.
Designated Type	native grassland	native grassland

B. Structure of Vegetation

Date: 24 October 2012

Site: Elvin Vineyard, Holt

Location: Eastern Woodland

Surveyors: K.Mills

Polygon ID: A

Location GPS: 0683648 6098366 (WGS84)

Species	Vegetation structure, cover and height class					List up to five spp. for each stratum. Annotate each with a dominance indicator within that stratum. Dominant. Codominant. Subdominant. Note - tree regeneration may occur in any stratum. For tree species in upper stratum only, indicate % frequency.
	Crown Cover	>75%	50-75%	20-50%	0.25-20%	
Emergent						
Upper 1				7		<i>E.bridgesiana</i> (1) – 1%; <i>E. melliodora</i> (3) – 9%
Upper 2			6			<i>E.blakelyi</i> (D) – 90%
Middle 1						nil
Middle 2						nil
Lower 1			2			Phalaris (D), Horehound, Scotch Thistle (S)
Lower 2	1					<i>Bromus</i> spp. (C), Phalaris (D), Sorell, <i>Hordeum</i> sp. (C).
Height class: 1 <0.5 m 2 0.5-1 m 3 1-2 m 4 2-5 m 6 5-10 m 7 10-30 m 8 >30 m Life forms: <u>T</u> ree <u>S</u> hrub <u>F</u> orb <u>G</u> rass						

Mature trees: One *E.bridgesiana* (dch – 125cm).

Notes: Many trees dead or showing extensive branch death, probably due to drought in last few years.

Date: 24 October 2012

Site: Elvin Vineyard, Holt

Location: Valley woodland

Surveyors: K.Mills

Polygon ID: B

Location GPS: 0682678 6098589 (WGS84)

Species	Vegetation structure, cover and height class					List up to five spp. for each stratum. Annotate each with a dominance indicator within that stratum. Dominant. Codominant . Subdominant. Note - tree regeneration may occur in any stratum. For tree species in upper stratum only, indicate % frequency.
	Crown Cover	>75%	50-75%	20-50%	0.25-20%	
Emergent						nil
Upper 1				7		<i>E.blakleyi</i> (D) (96%), <i>E.melliodora</i> (2%), <i>E.bridgesiana</i> (2%)
Upper 2				6		<i>E.blakleyi</i> (D)
Middle 1				4		<i>E.blakleyi</i> (D)
Middle 2						nil
Lower 1				3		<i>E.blakleyi</i> (D), Rosa, Cratagus
Lower 2		2				Exotic grasses
Height class: 1 <0.5 m 2 0.5 - 1 m 3 1 - 2 m 4 2 - 5 m 6 5 - 10 m 7 10 - 30 m 8 > 30 m Life forms: Tree Shrub Forb Grass						

Mature trees: About 15 trees with > 125cm dch.

Notes: Large stand of woodland with good eucalypt regeneration; almost entirely exotic ground cover.

Date: 24 October 2012

Site: Elvin Vineyard, Holt

Location: Central grassland

Surveyors: K.Mills

Polygon ID: C

Location GPS: 0682090 6098725 (WGS84)

Species	Vegetation structure, cover and height class					List up to five spp. for each stratum. Annotate each with a dominance indicator within that stratum. Dominant. Codominant. Subdominant. Note - tree regeneration may occur in any stratum. For tree species in upper stratum only, indicate % frequency.
	Crown Cover	>75%	50-75%	20-50%	0.25-20%	
Emergent						nil
Upper 1						nil
Upper 2						nil
Middle 1						nil
Middle 2						nil
Lower 1						nil
Lower 2		1				<i>Austrostipa scabra</i> (D)
Height class: 1 <0.5 m 2 0.5 - 1 m 3 1 - 2 m 4 2 - 5 m 6 5 - 10 m 7 10 - 30 m 8 > 30 m Life forms: <u>T</u> ree <u>S</u> hrub <u>F</u> orb <u>G</u> rass						

Mature trees: Treeless.

Notes: A small area of about 18 by 50 metres of native grassland.

Date: 24 October 2012

Site: Elvin Vineyard, Holt

Location: Western woodland

Surveyors: K.Mills

Polygon ID: D

Location GPS: 068 (WGS84)

Species	Vegetation structure, cover and height class					List up to five spp. for each stratum. Annotate each with a dominance indicator within that stratum. Dominant. Codominant. Subdominant. Note - tree regeneration may occur in any stratum. For tree species in upper stratum only, indicate % frequency.
	Crown Cover	>75%	50-75%	20-50%	0.25-20%	
Emergent						nil
Upper 1						<i>E.blakelyi</i> (D) (90%)
Upper 2			7			<i>E dives</i> (C) (10%)
Middle 1			6			nil
Middle 2			4			<i>Leptospermum brevipes</i> , <i>E.blakelyi</i>
Lower 1				2		<i>E.blakelyi</i> , <i>Leptospermum brevipes</i>
Lower 2	1					Exotic grassland

Height class: 1 <0.5 m 2 0.5-1 m 3 1-2 m 4 2-5 m 6 5-10 m 7 10-30 m 8 >30 m
Life forms: Tree Shrub Forb Grass

Mature trees: One tree over 125cm dch; another one was measured at 123cm dch.

Notes: A reasonable stand of woodland, albeit small, with an exotic understorey. Associated with a dam and a small watercourse.

Date: 24 October 2012

Site: Elvin Vineyard, Holt

Location: Southern valley (1)

Surveyors: K.Mills

Polygon ID: E

Location GPS: 0681907 6097134 (WGS84)

Species	Vegetation structure, cover and height class					List up to five spp. for each stratum. Annotate each with a dominance indicator within that stratum. Dominant. Codominant. Subdominant. Note - tree regeneration may occur in any stratum. For tree species in upper stratum only, indicate % frequency.
	Crown Cover	>75%	50-75%	20-50%	0.25-20%	
Emergent						nil
Upper 1						nil
Upper 2						nil
Middle 1						nil
Middle 2						nil
Lower 1					2	Rosa
Lower 2		1				<i>Austrostipa scabra</i> (D)
Height class: 1 <0.5 m 2 0.5 - 1 m 3 1 - 2 m 4 2 - 5 m 6 5 - 10 m 7 10 - 30 m 8 > 30 m Life forms: <u>T</u> ree <u>S</u> hrub <u>F</u> orb <u>G</u> rass						

Mature trees: Treeless, although *E.dives* grows to the northeast.

Notes: A large area of native grassland on the northern side of the watercourse.

Date: 24 October 2012

Site: Elvin Vineyard, Holt

Location: Southern valley (2)

Surveyors: K.Mills

Polygon ID: F

Location GPS: 0682048 6097298 (WGS84)

Species	Vegetation structure, cover and height class					List up to five spp. for each stratum. Annotate each with a dominance indicator within that stratum. Dominant. Codominant. Subdominant. Note - tree regeneration may occur in any stratum. For tree species in upper stratum only, indicate % frequency.
	Crown Cover	>75%	50-75%	20-50%	0.25-20%	
Emergent						nil
Upper 1						nil
Upper 2						nil
Middle 1						nil
Middle 2						nil
Lower 1						nil
Lower 2		1				<i>Austrostipa</i> spp. (D), <i>Bothriochloa macra</i> , <i>Themeda australis</i> (C)
Height class: 1 <0.5 m 2 0.5 - 1 m 3 1 - 2 m 4 2 - 5 m 6 5 - 10 m 7 10 - 30 m 8 > 30 m Life forms: <u>T</u> ree <u>S</u> hrub <u>F</u> orb <u>G</u> rass						

Mature trees: Treeless.

Notes: A large area of native grassland on the southern side of the watercourse.

Date: 1 November 2012

Site: Elvin Vineyard, Holt

Location: Above large dam

Surveyors: K.Mills

Polygon ID: G

Location GPS: 0682911 6098816 (WGS84)

Species	Vegetation structure, cover and height class					List up to five spp. for each stratum. Annotate each with a dominance indicator within that stratum. Dominant. Codominant. Subdominant. Note - tree regeneration may occur in any stratum. For tree species in upper stratum only, indicate % frequency.
	Crown Cover	>75%	50-75%	20-50%	0.25-20%	
Emergent						nil
Upper 1			7			<i>E.blakelyi</i> (D) (100%)
Upper 2						nil
Middle 1			6			<i>E.blakelyi</i>
Middle 2						nil
Lower 1			3			<i>E.blakelyi</i>
Lower 2		1				<i>Themeda australis</i> (D); <i>Austrostipa</i> spp. <i>Poa sieberiana</i>
Height class: 1 <0.5 m 2 0.5-1 m 3 1-2 m 4 2-5 m 6 5-10 m 7 10-30 m 8 >30 m Life forms: <u>T</u> ree <u>S</u> hrub <u>F</u> orb <u>G</u> rass						

Mature trees: No trees over 125cm dch.

Notes: Understorey mainly exotic grassland, with patches of native grassland.

Appendix 8
Lists of Native Plant Species at Survey Sites

Species	Site A	Site B	Site C	Site D	Site G	Elsewhere
<i>Acacia dealbata</i>						O
<i>Acacia mearnsii</i>						O
<i>Acaena agnipila</i>		B			G	
<i>Alternanthera sp. A</i>						O
<i>Asperula conferta</i>					G	
<i>Austrodanthonia carphoides</i>			C		G	
<i>Austrodanthonia sp.</i>			C		G	
<i>Austrostipa bigeniculata</i>					G	
<i>Austrostipa scabra</i>	A	B	C		G	
<i>Bothriochloa macra</i>		B			G	
<i>Carex appressa</i>		B		D	G	
<i>Carex ? inversa</i>	A					
<i>Cheilanthes sieberi</i>			C			
<i>Chrysocephalum apiculatum</i>					G	
<i>Crassula sieberiana</i>	A		C			
<i>Cynodon dactylon</i>						O
<i>Cynoglossum australe</i>		B				
<i>Drosera peltata</i>						O
<i>Einadia nutans</i>	A					
<i>Eleocharis acuta</i>				D	G	
<i>Elymus scaber</i>					G	
<i>Enneapogon nigricans</i>						O
<i>Epilobium billardierianum</i>				D	G	
<i>Eucalyptus blakelyi</i>	A	B		D	G	
<i>Eucalyptus bridgesiana</i>	A	B				
<i>Eucalyptus dives</i>				D		
<i>Eucalyptus goniocalyx</i>				D		
<i>Eucalyptus macrorhyncha</i>				D		
<i>Eucalyptus melliodora</i>	A	B				
<i>Eucalyptus rossii</i>						O
<i>Eucalyptus rubida</i>						O
<i>Euchiton sphaericus</i>						O
<i>Geranium solanderi</i>		B		D	G	
<i>Goodenia pinnatifida</i>					G	
<i>Haloragis heterophylla</i>		B			G	
<i>Hydrocotyle laxiflora</i>	A	B				
<i>Juncus spp.</i>	A		C	D		
<i>Leptospermum brevipes</i>				D		
<i>Lomandra filiformis</i>			C		G	
<i>Lythrum hyssopifolia</i>						O
<i>Microlaena stipoides</i>		B		D	G	
<i>Oxalis perennans</i>	A	B		D		
<i>Poa sieberiana</i>					G	
<i>Pseudognaphalium luteoalbum</i>				D		
<i>Ranunculus pumilio</i>						O
<i>Rumex brownii</i>				D	G	
<i>Schoenoplectus validus</i>		B				
<i>Schoenus apogon</i>				D	G	
<i>Senecio quadridentatus</i>			C		G	
<i>Sorghum leiocladum</i>						O
<i>Themeda australis</i>		B			G	
<i>Tricoryne elatior</i>						O
<i>Triptilodiscus pygmaeus</i>			C			
<i>Typha orientalis</i>		B			G	
<i>Vittadinia cuneata</i>		B				
<i>Vittadinia gracilis</i>						O
<i>Vittadinia muelleri</i>					G	
<i>Wahlenbergia communis</i>					G	
<i>Wahlenbergia gracilis</i>			C	D		

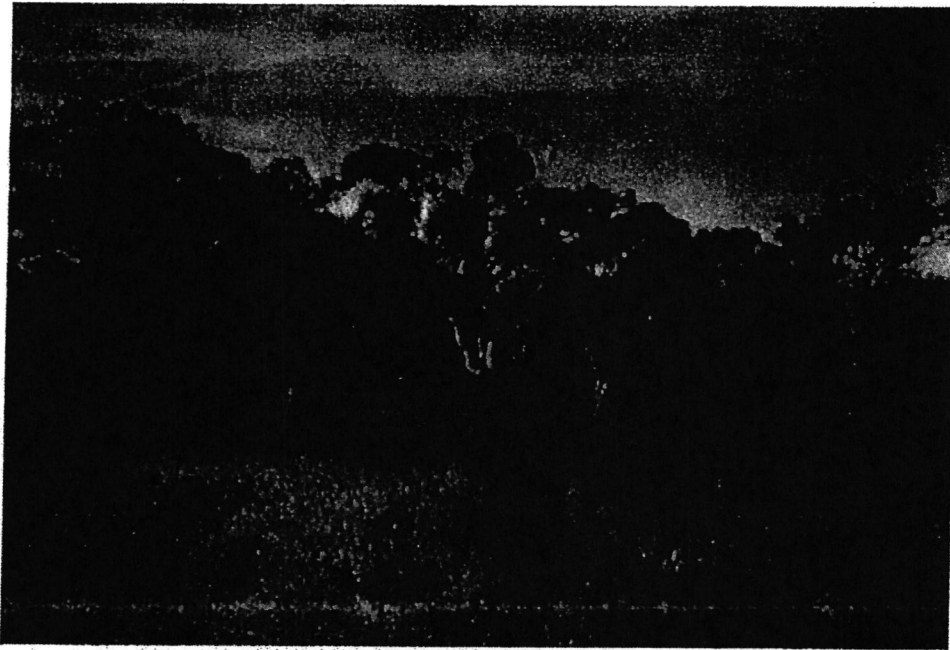
**Appendix 9
Photographs**



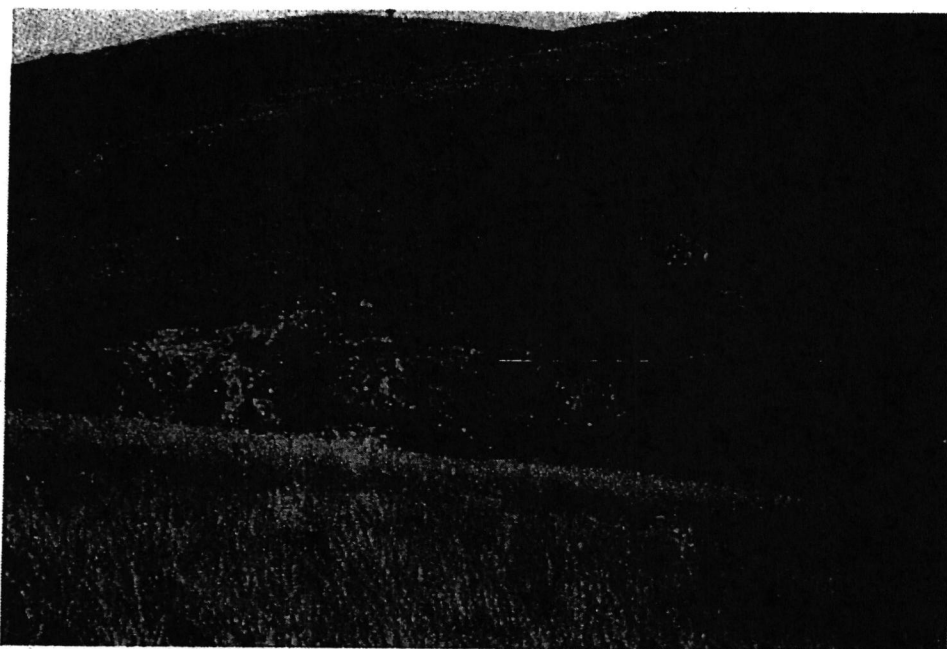
Photograph 1. Woodland between vineyards 2 and 3 (site B); understorey is an exotic grassland and much eucalypt regeneration.



Photograph 2. Woodland at Site A; small severely drought-affected trees above an exotic grassland.

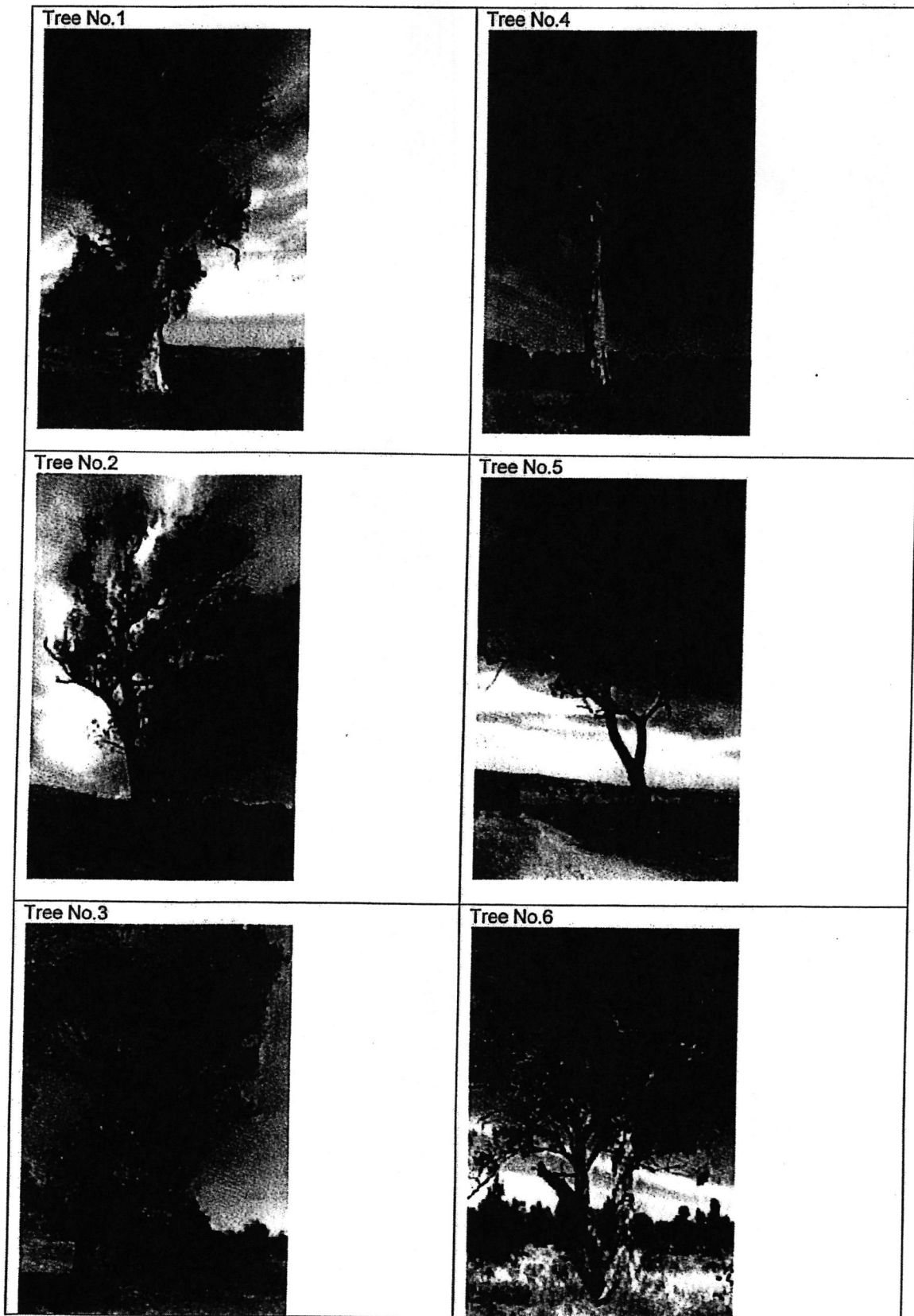


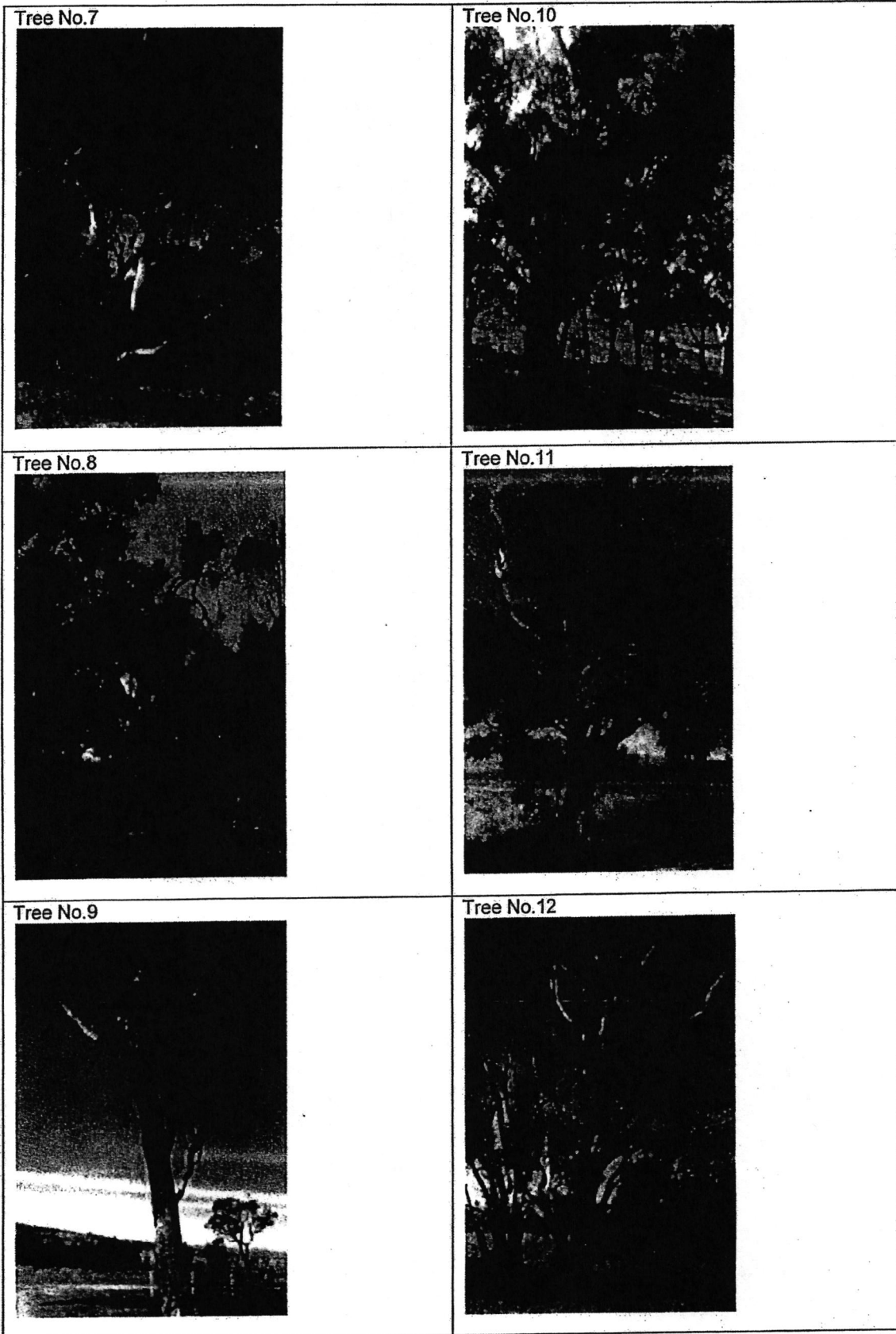
Photograph 3. Woodland and dam at site D; the understorey is exotic, with patches of the shrub *Leptospermum brevipes*.



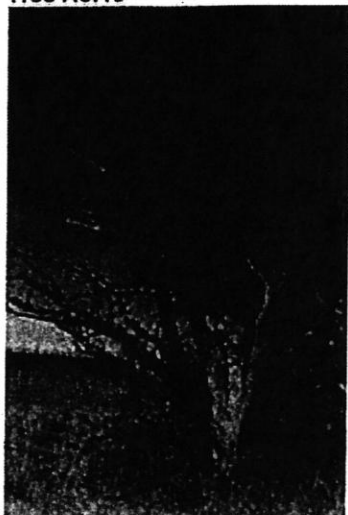
Photograph 4. Native grassland and rocky habitat, southern valley below vineyards (sites E and F).

Appendix 10. Photographs of Hollow-bearing Trees in the Project Area





Tree No.13



Tree No.16



Tree No.14



Tree No.17



Tree No.15



Tree No.18



Tree No.19



Tree No.21



Tree No.20



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McNamara, Damien

From: Ellis, Greg
Sent: Thursday, 14 March 2013 5:26 PM
To: John Kenworthy
Cc: McNamara, Damien
Subject: RE: Holt

John – thanks. When we get your stuff we probably should have another quick meeting with you, me, and Damien.
Cheers
Greg

From: John Kenworthy [<mailto:jkenworthy@villagebuilding.com.au>]
Sent: Thursday, 14 March 2013 5:11 PM
To: Ellis, Greg
Subject: Holt

Good afternoon Greg,

We are still finalizing the updated submission for Holt, but will be able to deliver it to you by noon tomorrow.

Regards

John Kenworthy

John Kenworthy
Housing Policy & Sustainability

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KJG
4/7**Power, Rod**

From: Ellis, Greg
Sent: Friday, 15 March 2013 4:25 PM
To: McNamara, Damien; Power, Rod
Subject: FW: Updated Holt Submission
Attachments: 0284_001.pdf

From: John Kenworthy [mailto:jkeworthy@villagebuilding.com.au]
Sent: Friday, 15 March 2013 4:19 PM
To: Ellis, Greg
Subject: Updated Holt Submission

Good afternoon Greg,

Please find attached updated submission document for Holt. There are a further 4 emails which I will send without header.

Would you please peruse so we can discuss and amend as you consider necessary.


I have not completed a detailed cash flow, but expect to do so over the weekend.

Regards

John Kenworthy

John Kenworthy
 Housing Policy & Sustainability

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From: civexec@villagebuilding.com.au [mailto:civexec@villagebuilding.com.au]
Sent: Friday, March 15, 2013 4:19 PM
To: John Kenworthy
Subject: [1/5]Attached Image

50

McNamara, Damien

From: Ellis, Greg
Sent: Friday, 15 March 2013 4:25 PM
To: John Kenworthy
Cc: McNamara, Damien
Subject: RE: Updated Holt Submission

Thanks John – I am in Sydney for Monday and Tuesday next week. Could you please speak to Damien. He'll be aiming to get in even as early as Monday or Tuesday.
Greg

From: John Kenworthy [<mailto:jkenworthy@villagebuilding.com.au>]
Sent: Friday, 15 March 2013 4:19 PM
To: Ellis, Greg
Subject: Updated Holt Submission

Good afternoon Greg,

Please find attached updated submission document for Holt. There are a further 4 emails which I will send without header.

Would you please peruse so we can discuss and amend as you consider necessary.

I have not completed a detailed cash flow, but expect to do so over the weekend.

Regards

John Kenworthy

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From: civexec@villagebuilding.com.au [<mailto:civexec@villagebuilding.com.au>]
Sent: Friday, March 15, 2013 4:19 PM
To: John Kenworthy
Subject: [1/5]Attached Image

Power, Rod

To: Thomson, Ian
Subject: FW: Holt - Change of Use Charge Schedule

Ian-
 From rod p

From: McNamara, Damien
Sent: Thursday, 21 March 2013 1:53 PM
To: Power, Rod
Subject: FW: Holt - Change of Use Charge Schedule

From: John Kenworthy [<mailto:jkenworthy@villagebuilding.com.au>]
Sent: Thursday, 21 March 2013 1:52 PM
To: Ellis, Greg
Cc: McNamara, Damien
Subject: Holt - Change of Use Charge Schedule

Good afternoon Greg,

As discussed, the following schedule sets out the anticipated payments for change of use charge over time. The amounts are in present day terms with no allowance for any CPI adjustments.

1.	February 2015	\$2.715 m.
2.	December 2015	\$2.558 m.
3.	June 2016	\$3.526 m.
4.	December 2016	\$2.807 m.
5.	June 2017	\$2.807 m.
6.	December 2017	\$2.807 m.
7.	June 2018	\$2.704 m.
8.	December 2018	\$2.017 m.
9.	June 2019	\$2.017 m.
10.	December 2019	\$2.017 m.
11.	June 2020	\$3.538 m.
12.	December 2020	\$3.538 m.
13.	June 2021	\$3.629 m.
14.	December 2021	\$3.629 m.
15.	June 2022	\$3.426 m.
16.	December 2022	\$3.426 m.
17.	June 2023	\$2.969 m.
	Total payments	\$50.130 m.

These amounts and timing are estimates only at this stage and could change depending on final yield in each stage, market conditions and site servicing conditions.

The cost estimates provided in the project budget allow for upgrading of road services such as access roundabouts and also upgrading to part of Stockdill Drive adjacent to the site to normal suburban street standards. It does not make any allowance for any roadworks remote from the site. It also allows for relocation of electrical services that currently traverse the site and for provision of trunk sewer mains to allow connection to the main Canberra trunk sewer system.

If you require any further information, please let me know as soon as possible.

Yours faithfully,

John Kenworthy

Re

John Kenworthy

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~~258~~
521**Power, Rod**

From: McNamara, Damien
Sent: Thursday, 21 March 2013 4:13 PM
To: Power, Rod
Subject: FW: Attached Image
Attachments: 0327_001.pdf

From: John Kenworthy [<mailto:johnkenworthy@villagebuilding.com.au>]
Sent: Thursday, 21 March 2013 3:29 PM
To: Ellis, Greg
Cc: McNamara, Damien
Subject: FW: Attached Image

Good afternoon Greg,

Whilst compiling the Change of Use Charge Schedule I noted a typo with respect to the dates for items 15,16 and 17 of the Project Schedule in the Submission Update document. The years on these dates should be 2015 and not 2014.

I have attached a replacement page for you to include in the Submission Update document.

Regards

John Kenworthy

John Kenworthy
Housing Policy & Sustainability

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From: civexec@villagebuilding.com.au [<mailto:civexec@villagebuilding.com.au>]
Sent: Thursday, March 21, 2013 2:46 PM
To: John Kenworthy
Subject: Attached Image

Profit share will be allocated in equal amounts of 1/3 of total profit to each of the joint venture participants at times agreed by the Joint Venture management committee in accordance with responsible cash flow management.

VBC has previously completed 6 successful joint ventures with successive ACT and Federal Governments, without any significant disagreement on any joint management committee. VBC and Elvin's would be the sole guarantor of any loans and would not expose the ACT Government to any possible impacts of losses, apart from profit impacts. All land payments relating to CUC charges would be guaranteed.

Anticipated profit, based on current cost estimates is \$71.4m. This would deliver a profit share of \$23.8m to each JV participant. Attachment D provides budget details including the CUC of \$50 million.

6. Project Schedule – Timing of releases and product delivery

This project has the ability to fill a gap in the current 4 year land release program for Greenfield sites to achieve the objectives of the ACT Government Affordable Housing strategy, whilst, enhancing the financial return on land to Government.

We anticipate the Territory and National Capital Plan variations could be achieved within 14 months of cabinet approval. The variations required for the proposed "Riverview" project and Holt should be managed as a single process to deal with all the related issues in a comprehensive manner. Detailed design work would commence during the later stages of the TPV process. Key target dates are summarized as follows:

1.	Cabinet Approval	30 April 2013
2.	Environment Studies Completed	4 December 2012
3.	Planning Study Report finalized	31 August 2013
4.	Consultation period commences (both Agency and Public)	1 September 2013
5.	Consultation process complete	12 October 2013
6.	Draft Variation Report to Minister	1 November 2013
7.	Referral to Legislative Planning Committee (if required)	8 November 2013
8.	Committee Report to Assembly	31 March 2014
9.	Minister's Approval	7 April 2014
10.	Disallowance period (6 days) and Amendment incorporated into Territory Plan	31 May 2014
11.	Release of Stage 1 house/land packages to market	Mid June 2014
12.	Approval of Estate Development Plan for 1 st Stages	31 August 2014
13.	Engineering Design Approvals	15 October 2014
14.	Commence Construction	16 October 2014
15.	Stage 1 complete	28 February 2015
17.	First land payment to ACT Government	28 February 2015
18.	Initial housing completions	30 April 2015

The balance of program would be subject to market conditions.

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McNamara, Damien

From: Ellis, Greg
Sent: Wednesday, 27 March 2013 12:48 PM
To: John Kenworthy
Cc: McNamara, Damien; Power, Rod
Subject: RE: Holt Proposal

John – we don't need anything more from you. The timing is a bit of a moveable feast, we will confirm but I believe we are scheduled for about 9 April.

Greg

From: John Kenworthy [mailto:jkenworthy@villagebuilding.com.au]
Sent: Wednesday, 27 March 2013 12:39 PM
To: Ellis, Greg
Cc: McNamara, Damien
Subject: Holt Proposal

Good afternoon Greg,

Do you need any further input from us at this point in time? Also, are there any items we need to discuss further before your Cabinet submission is finalized?

What is the date for the Cabinet meeting?

Regards

John Kenworthy

John Kenworthy
Housing Policy & Sustainability

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Richard on wed 27/3 at NCA

1599 Broadcast in NCP
1582 " " "

59

DA 63

NCA against central Molonglo development

Updated Tue Jul 15, 2008 4:36pm AEST

The National Capital Authority (NCA) has ruled out urban development in the central Molonglo area.

The ACT Government wants to build 17 new suburbs for up to 73,000 people in the Molonglo Valley area between Weston Creek and Belconnen over the next 40 years. The area is divided into central, east and west Molonglo.

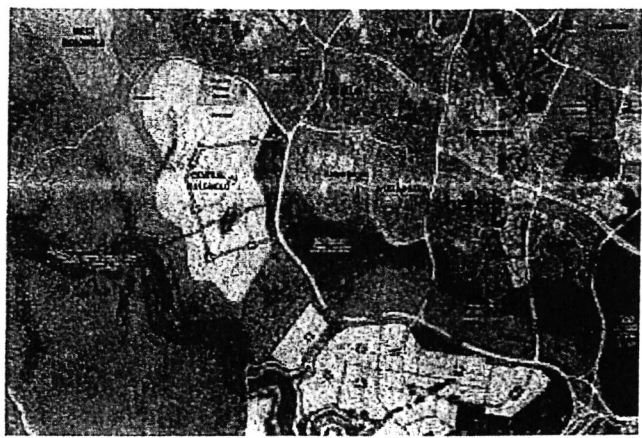


PHOTO: The NCA is against development in central Molonglo.

MAP: Canberra 2600

The Standing Committee on Planning and Environment is considering a variation to the ACT Territory Plan so the development can proceed.

The ACT Government has already placed a 20-year moratorium on development in central Molonglo.

But NCA spokesman Todd Rohl has told a Legislative Assembly committee hearing, the NCA board is against any future urban development in central Molonglo as well as an area east of the Orana School.

Mr Rohl says the NCA has informed the ACT Planning and Land Agency of its decision which is based on environmental reports.

"[There are] at least seven species of concern. A couple are listed in the Environment Protection Biodiversity Conservation Act and others are listed in the Nature Conservation Act of the ACT," he said.

"Given that we know that there's ecological issues and it's highly constrained ecological area it seems nonsensical to include as urban at this time."

A federal parliamentary inquiry report into the role of the NCA is due to be released tomorrow and Mr Rohl side-stepped questions about the authority's role in the Molonglo development.

"We don't know what the outcome of tomorrow is and there would still have to be a Government response to that so it's business as usual at the NCA," he said.

Topics: states-and-territories, urban-development-and-planning, canberra-2600, act

First posted Tue Jul 15, 2008 4:02pm AEST

McNamara, Damien

From: John Kenworthy [jkenworthy@villagebuilding.com.au]
Sent: Tuesday, 23 July 2013 3:43 PM
To: McNamara, Damien
Subject: RE: Holt - Location with respect to Central Molonglo

Thanks Damien,

Regards

John Kenworthy

John Kenworthy
 Housing Policy & Sustainability

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From: McNamara, Damien [mailto:Damien.McNamara@act.gov.au]
Sent: Tuesday, July 23, 2013 3:39 PM
To: John Kenworthy
Cc: Ellis, Greg; Stewart, Daniel
Subject: RE: Holt - Location with respect to Central Molonglo

John

Please find attached an extract from the Molonglo Structure Plan which shows Central Molonglo.

Damien

From: Ellis, Greg
Sent: Tuesday, 23 July 2013 2:33 PM
To: John Kenworthy; Stewart, Daniel
Cc: McNamara, Damien
Subject: RE: Holt - Location with respect to Central Molonglo

John – I was about to ring in answer to your call but need to go to a meeting right now. I'll ask Damien to send you the relevant map. He should be able to do this in about 30 mins – when he also gets out of a meeting.

Greg

From: John Kenworthy [mailto:jkenworthy@villagebuilding.com.au]
Sent: Tuesday, 23 July 2013 2:29 PM
To: Stewart, Daniel
Cc: Ellis, Greg
Subject: Holt - Location with respect to Central Molonglo

Good afternoon Dan,

At our meeting on 15.7.13 we were advised there may be some objection to our affordable housing proposal due to the site's location with respect to Central Molonglo.

Are there any maps available that define the Central Molonglo area? If so, would you please email details.

Regards

John Kenworthy

John Kenworthy
Housing Policy & Sustainability

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