

# Ashfield Flats Works Program: 2018-2023

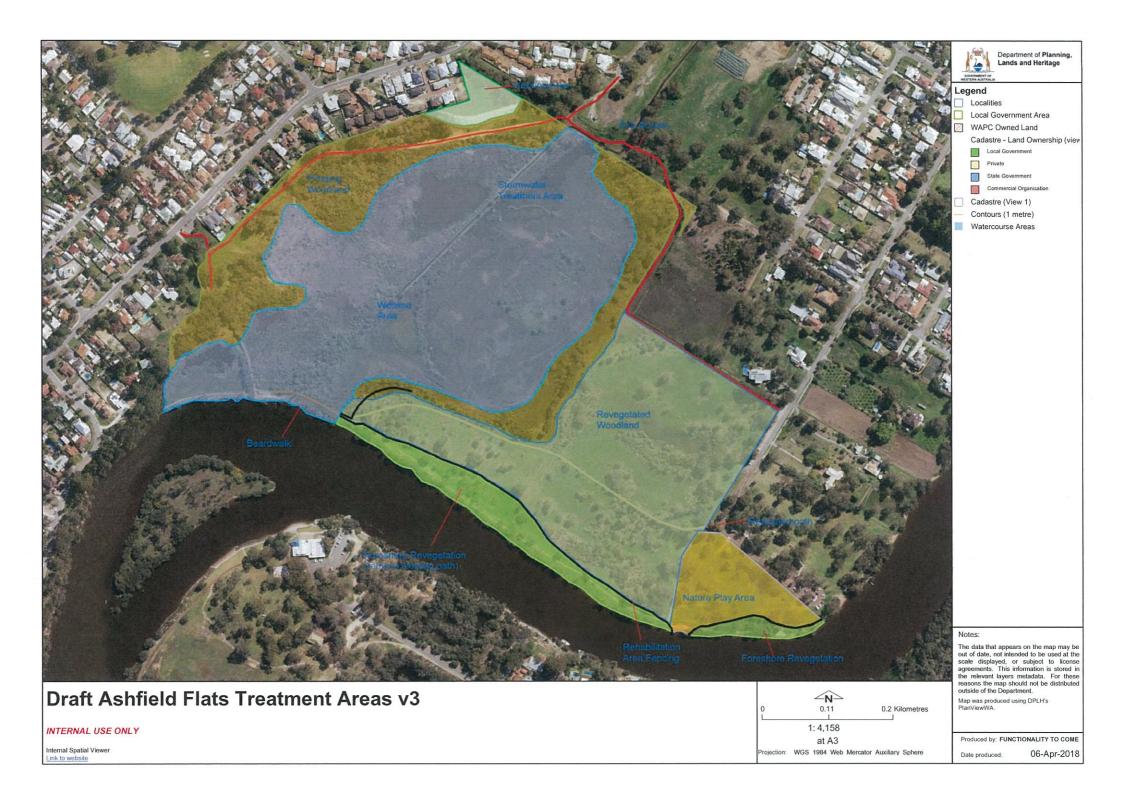


# Overview: Ashfield Flats - treatment of areas

Area	Details	Priority	Funding
Foreshore	<ul> <li>Remediate foreshore areas near boardwalk that have been severely affected by erosion and implement erosion control measures subject to approval by DBCA. Proposed remediation techniques to include stabilisation of the foreshore using hessian bags filled with locally sourced material, brush walling, infill with local sand, brush mattressing, coir matting and revegetation using endemic riparian species. Research and monitoring will be undertaken to assess whether treatment is effective</li> </ul>	High (within 1 year)	DPLH ~\$30k
	<ul> <li>Continue to maintain existing areas where foreshore stabilisation and revegetation works have been carried out including additional plantings, signage, ongoing weed management and maintenance of fencing to protect revegetated areas from dogs and pedestrian traffic</li> <li>Work in conjunction with SRT to develop species list, signage and staged plan of implementation (may be suitable for SRT funding)</li> </ul>		~\$10k
	<ul> <li>Revegetate back ~20m from the foreshore with medium density vegetation (to enable some access by pedestrians). Minimum of 5 year program,</li> </ul>		~\$40k

	yearly plantings, fencing and ongoing maintenance will be required for this area		
	<ul> <li>Remove the existing path along the foreshore – boardwalk to remain in place</li> <li>Re-alignment of the pathway along the foreshore and relocation of benches above the area of tidal influence to allow for the creation of a wider strip of native riparian vegetation along the foreshore</li> </ul>	Medium/ High (Within 1-2 yrs)	DPLH ~300k
Revegetated Woodland	<ul> <li>Undertake revegetation program to create an open woodland corridor using appropriate species such as <i>Eucalyptus rudis</i> - develop a suitable species list in conjunction with Swan River Trust and Bassendean Preservation Society</li> <li>New sealed path to be on a lateral alignment with revegetated area. Path to double as fire access track as needed and be developed in stages</li> <li>Fire Access Track along northern border</li> <li>Maintain as a public open space</li> <li>Continue program of weed mapping, targeted weed management, weed monitoring and slashing of open grassed areas</li> </ul>	Medium/ High (Within 1-2 yrs)	DPLH ~\$30k
Fringing Woodland	<ul> <li>Path at northern boundary further delineated</li> <li>Maintain and enhance existing woodland areas with supplementary planting and weed management</li> <li>Undertake fire hazard reduction works where necessary to reduce fuel loads in the margins of the reserve, consideration of the ecological values of the site must be considered prior to scheduling work of this nature</li> <li>Continue program of weed mapping, targeted weed management, weed monitoring and slashing of open grassed areas</li> </ul>	Low (Within 3 yrs)	DPLH ~\$30k
Samphire Wetland and Stormwater Treatment Areas	<ul> <li>Investigate options to infill Water Corporation drains and redirect flows to mimic the historical hydrology of the wetlands including a revegetated area for stormwater treatment and sediment capture - hydrology study required</li> <li>Investigate options to include a stormwater treatment area on ToB held Lots adjacent to Iveson Place, Bassendean</li> <li>Consider potential environmental impacts and feasibility of providing a walking trail incorporating boardwalks and a viewing platform</li> <li>Planting of fringing vegetation around Samphire Wetland area to reduce invasion by weeds and provide cover for fauna</li> <li>Ongoing weed management</li> </ul>	Low (Within 3 yrs)	DPLH/ Water Corp \$TBA
Viewing Area	<ul> <li>Continue revegetation/ stabilisation program and weed management on the steep bank and lookout at Villiers St West</li> <li>Potential to subdivide out of Lot 821 and cede to Crown with Management Order to ToB</li> </ul>	Medium/ High (Within 1-2 yrs)	DPLH/ ToB
Fire Access Tracks And Bushfire Management	<ul> <li>Construction of strategic fire access tracks for emergency response vehicles, location of limestone access tracks to be determined through consultation with relevant stakeholders</li> <li>Recognise the use of Helitac equipment during fire response as best practice – able to use river water due to wetland vegetation</li> <li>Prescribed burning unlikely due to Wetland area and Bush Forever status</li> <li>Undertake opportunistic weed control and revegetation after fire events</li> <li>Must work with ToB to manage vegetation on their Lots 3 and 12 at rear of Hardy Rd properties – consider transfer to WAPC to consolidate area</li> <li>Maintain fences, bollards and access gates to restrict unauthorised vehicle access</li> </ul>	Medium/ High (Within 1-2 yrs)	DPLH
Consultation and Heritage	<ul> <li>Undertake consultation with stakeholders and traditional owners with historical connections and knowledge relevant to Ashfield Flats</li> </ul>	Medium/ High (1-2 yrs)	N/A

Fragmented Areas	<ul> <li>Consolidate fragmented land parcels and unmade roads to create well defined management areas for the appropriate land managers to maintain and improve</li> </ul>	Low (Within 3 yrs)	N/A
Acid Sulphate Soils	<ul> <li>High probability of ASS and PASS onsite</li> <li>Best approach is to minimise disturbance</li> <li>Infill of Water Corp drain may reduce acidification processes</li> </ul>	Low (Within 3 yrs)	N/A



# **ATTACHMENT NO. 2**

(O:\General\Covers attachments and confidential reports.doc)

# Friends of Success Hill Reserve Action Plan 2018

# Weeding.

The steam weeding trial in the bushland has been very successful. We thank the ToB for allocating funds to this. We now request that this approach be expanded to other parts of the reserve, particularly the northern end and the embankment on the river side.



Veldt grass in 2012 after two blanket spray treatments with Fusilade Forte in 2010 and 2011.









Steam Weed treatment in 2017

As such the FOSHR would like to continue hand weeding and planting throughout winter. We would like to acknowledge the success of steam and other pesticide free alternatives undertaken by the EMRC in their recent trial and suggest that the Town of Bassendean support safer non-chemical ecological restoration at Success Hill Reserve and throughout the Town of Bassendean in other bushlands and wetland environments as a priority given the success of safer alternatives.

http://www.emrc.org.au/documents/231/alternative-weed-management-trail-report

FOSHR intend to hand weed and plant in the reserve from May 2018 through to Sep 2018. We would therefore appreciate any support and seedlings the ToB can offer.

# **Planting**

Some species have been doing really well while others have not. Most of the Marri tree's have not survived but a number of other species, especially those which came from the 'Friends of the Trees' stock, did really well.

We would like to suggest that these species be a priority for groundcover.









Banksia's continue to be the most robust and successful tree to plant in the reserve. There are many self-seeded Banksia's in the reserve that have survived well. We would like to prioritise Banksia tree plantings for food for native species especially the endangered Carnaby Cockatoo's who visit regularly.

# The future of Success Hill Reserve

The ecological and cultural values of Success Hill Reserve are at risk while this small Class A bushland reserve and adjoining turfed green open space remains the site for an events venue. This Class A bushland reserve must be protected from any events plans if it is to survive and thrive. A reconsideration of all plans affecting this reserve is urgently needed.

# **Unresolved paths**

The paths that currently exist at the reserve are contributing to a number of issues that are adversely affecting the ecological and cultural values of the reserve.

- 1. People are using the eastern boundary path because it is the biggest and widest, to walk their dogs (using the reserve as a dog lavatory) and ride bikes (sometimes trail bikes) This is in effect scaring native species away, soiling the reserve, and spreading weeds. I rarely see anyone using the dieback stations especially bike riders who ride along this path without ever brushing off their wheels. This has the potential to spread dieback into the reserve. This path must be closed if the reserve is to be restored and regenerated.
- 2. People using the internal paths are taking their metal detectors into the reserve and digging into the soil.
- 3. People using the internal paths are often leaving these paths and entering the bushland reserve, damaging large plants and trees, ripping them down for firewood, lighting fires and using the bush as a toilet, leaving rubbish behind, spreading weeds and damaging seedlings.

The limestone path along the embankment fenceline (eastern boundary) should be closed and the paths that were agreed to by the Traditional Owners should be formalised. These include the first entry point path at the south western corner of the reserve and along 7<sup>th</sup> avenue.

The council should consider fencing the reserve along the edge under the pine trees and along seventh avenue at the base of the dune so as to prevent the spread of weeds, dieback, rubbish and vandalism.

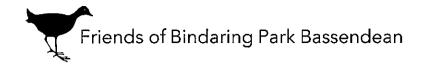
# Signs

When the paths are formalised, signage should be erected at each entry point to state that the bushland is a registered sacred site and that bikes, horses, vehicles and straying off the paths, is prohibited.

Yours sincerely,

Jane Bremmer
Coordinator
Friends of Success Hill Reserve.
47 Seventh Ave,
Bassendean, 6054.
0432 041 397

Broadway specific -								Ashfie	eld Flats								Prop d	letails		propagatio				gram or	1	enter	gram or	
		Broad- way Arbo	Anzac To	e Chris' Patch	Triangle	Board walk	Whitfield St	under story in-fill	Out Look	Marri Grove	BMX track	fore shore I	fore shore II	Redcliffe Bridge	Baigup	Line Totals	mean days to germinate	priority for potting	WAPC supplied	/MofTT	BPG grown "DONE"	Total	Qty seeds/ gram	seed on hand	unit	seeds per pot	seed required 2018	balance (negative un is deficit)
Banksia attenuata	Candle Banksia	25					0		0			0		0	0							0	12	34	seed	1	25	9 seed
Banksia grandis	Bull Banksia	25	5	9.71		110	0		0	21		0		0	0	25	28					0	10	55	seed	1	25	30 see
Banksia littoralis	Swamp Banksia	(					20		0			0		0		20	28					0	52	0	seed	1	20	-20 seed
Casuarina obesa	Salt Sheoak				25		0		0			20		0		45		(m				0	632	8	gram	5	0.4	7.6 gran
Corymbia calophylla	Marri				35		0		0	1.0	10	0		0	100	145					Ĺ	0	10	129	seed	1	145	-16 seed
Melaleuca cuticularis	Saltwater Paperbark			10			-		0			0		0		45						0	1000	0	gram	10	0.5	-0,5 gran
Melaleuca rhaphiophylla	Swamp Paperbark			10					0			0		0		45		A				0	2000	8	gram	5	0.1	7.9 gran
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Acacia saligna	Golden Wreath Wattle			-			25	25				0		0		50				-		0	120	4	gram	2	0.8	3.2 gran
Beaufortia elegans	Elegant Beaufortia	50					0		0			0		0	0							0	2500	5	gram		0.0	5.0 gran
Hakea prostrata	Harsh Hakea		1		1		0	25	-	25		0		25	-	75						Ť	25	125	seed	1	75	50.0 seed
Hakea trifurcata	Two-Leaved Hakea		$\vdash$		1		0	25		25		0		25		75							62	109	seed	1	75	34.0 seed
Hakea varia	Variable Leaf Hakea				1		0	25		25		0		25		75							150	33	seed	1	75	-42.0 seed
Jacksonia furcellata	Grey Stinkwood	25	5		_	1	100	25				0		25		200						0	200	4	gram	2	2.0	2.0 gran
Melaleuca lateritia	Robin Red Breast						25		0			0		100	50							0	1000	0	gram	10	1.8	-1.8 gran
Melaleuca viminea	Mohan			25	5 25	5										50	17					0	1000	20	gram		0.0	20.0 gran
Viminaria juncea	Swish Bush	25	5	10			0		0			0		0	0	60	22					0	122	3	gram	3	1.5	1.5 gran
**************************************	sub totals	s 100	) (	0 35	5 50	) 0	150	125	25	75	0	0	0	300	50	910				•	•				-			
Under Storey			2-2-																									
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Banksia <del>Dryandra lindleyana</del>	Honeypot Dryandra								59000							25			l .					0		1	25	
nivea			0				0		25			0		0	0	325	41					0			seed			-25 see
Conostylis candicans	Grey Cottonheads		0				25		200	25		0		50	25							0	2200	2	gram		0.0	2.0 gran
Gompholobium tomentosum			0				0		50			0		0	0							0	700	9	gram		0.0	9.0 gran
Hardenbergia comptoniana	Native Wisteria		0				0		25			0		0	0							0	60	0	gram		0.0	0.0 gran
Hemiandra pungens	Snake Bush		0				0		200			0		0	0							0	400	1	gram	B. HO	0.0	1 gran
Hypocalymma angustifolium	White Myrtyle	25					25		0			0		50	0							0	2000	24	gram		0.0	24 gran
Hypocalymma robustum	Swan River Myrtle	50	0			-	0	-	0			0		0	0							0	650	13	gram		0.0	13.0 grar
Juncus kraussii	Shore Rush		0				0		0			200		0		200						0	1000	0	gram	10	2.0	-2.0 gran
Kennedia prostrata	Running Postman	25					0		150			0	_	0	25							0	38	23	gram	3	15.8	7.2 gran
Lobelia anceps alata	Angled Lobelia	25					25		50			0		50	0							0	8000	3	gram	10	0.2	2.8 gran
Patersonia occidentalis	Purple Flag	25	5				0		150			0		0	0							0	350	10	gram	10	5.0	5.0 gran
Schoenoplectus validus	Lake Club Rush												100			100	can't find					0	1000	#N/A			0	
Scholtzia involucrata	Spiked Scholtzia								50																			
	sub total			C				0		25	_		- 27///2	150	75					postale les	C 774-665							
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12 January 2018

# Proposal for community engagement 2018, with support from the Town of Bassendean

# Outcomes for 2018:

- 1. The FoB group proposes to conduct a community event at Bindaring Park with speakers in the morning, guided walks, lunch and an open forum in the afternoon. The forum would be centred within a marquee, with the idea is that being on-site participants can go and look at areas under discussion and get to know the ground.
- 2. During the event volunteers will have the opportunity to enrol to take part in ongoing activities that will contribute to the conservation values of the wetland and increase the sense of ownership felt in the community, see 5, below.
- 3. Also FoB members would like to take up the offer of training in use of ToB's water testing equipment so that data collection can be commenced.
- 4. In addition to the forum event, FoB would like to offer two separate walking tours at different times of year and times of day for discussion with ToB.
- 5. Each event will include some information displays that show life in the wetland -- such as mosquito management and viewing water critters through the microscope always popular.

# Outline of proposed event 'On the Ground at Bindaring Park'

- 1. People invited to speak to include
  - Jeremy Walker, Town of Bassendean
  - COTERRA Environment?
  - People from kindred organisations and neighbouring projects (use Wetland conference to spot potential speakers/projects) to talk about successes in their wetland management
- 2. Offer guided walks to specific areas of interest
- 3. Conduct an open forum discussion
- 4. Sausage sizzle lunch
- 5. Call for volunteers for community engagement activities, such as -
  - coordinated fauna database compilation
  - commence intensive weed replacement and revegetation work in carefully selected area/s.

### 6. Costs:

A preliminary estimate has identified costs of about \$2,500, which includes marquee, toilet PA hire, catering and printing, etc. To cover those costs FoB plans to

- a. approach the ToB to assist with half of that cost, plus the in-kind loan of other furniture and equipment
- b. approach local sources of sponsorship
- c. identify any grants that may be available for 'Friends of..' groups.

# d. Preliminary costs for doing a forum at Bindaring Park:

Spuds Hire - Marquee 9m X 9m could seat 60 -100 people -\$1069.20

Delivery \$66.00 Labour \$330.00

sub total	\$1465.20
Toilet hire - 2 loos (based on 2017 cost)	\$450.00
PA hire (based on 2017 cost)	\$120.00
Catering (estimate)	\$350.00
Printing (estimate)	\$150.00

Preliminary budget (as at Jan 2018)

\$2535,20

Note: Second quote for Marquee hire was \$2112 for 10m x 12m, plus \$220 delivery.

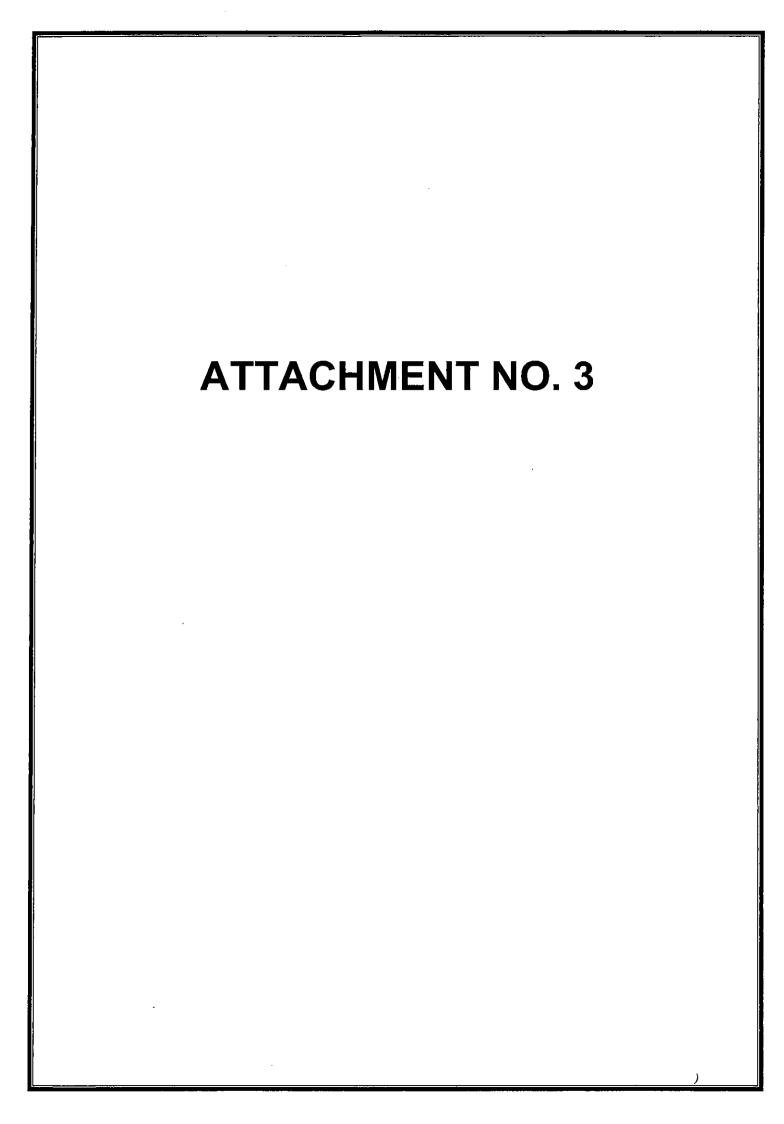
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source - TOB

60 -100 chairs source - TOB

BBQ

source TOB





# Town of Bassendean Ashfield Flats Fox Activity Survey

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Document Title	2017 11 13 NAM TOB Ashfield Flats Fox Activity Survey											
Location	S:\Drop Box\Client Folders (GPB)\Town of Bassendean\2017 Quotes\Ashfield Fox											
Location	Monitoring\2017 11 13 NAM TOB Ashfield fox monitoring.docx											
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	16/11/2017	Reviewed	CW	D.C.	Dalaged							
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# **Executive Summary**

The Town of Bassendean manages approximately 3.9 ha of Ashfield Flats reserve; with adjacent areas currently under the management of the Western Australian Planning Commission (WAPC). Ashfield Flats is bound by the Swan River to the south, residential properties to the north and west, and adjoins sandy beach reserve and additional residential properties to the east.

Natural Area Consulting Management Services undertook monitoring for fox activity between 8<sup>th</sup> November and 13<sup>th</sup> November 2017. The survey involved a site inspection of the area, the establishment of camera traps and installation of sand pads. Sand pads were baited with an olfactory lure (fox urine) to attract foxes to the monitoring locations.

No fox dens, tracks or signs of feeding (carcasses) were located during the site inspection. One scat was located near 151 Hardy Road. Fox activity was recorded on Camera 5 (near French Street) on 12<sup>th</sup> November 2017, and Camera 6 (adjacent to Reid St drain, not Town managed land) on 8<sup>th</sup> November 2017.

Based on the lack of dens, low recorded levels of fox activity and high levels of off lead dog activity at this site, Natural Area does not recommend any trapping for foxes with the Town managed areas of Ashfield Flats.

# 1.0 Introduction

Natural Area Consulting Management Services was contracted by the Town of Bassendean in November 2017 to undertake fox activity monitoring within the Town managed land parcels of Ashfield Flats (Figure 1). A site inspection was undertaken on Wednesday 8<sup>th</sup> November 2017, with motion sensor camera traps and sand traps installed in key locations; these locations were monitored until Monday 13<sup>th</sup> November 2017. The purpose of this report is to outline the inspection methodology, results and recommendations of fox activity monitoring at Ashfield Flats.



Figure 1: Town managed land parcels of Ashfield Flats, approximately 3.9 ha

# 2.0 Methodology

An initial site inspection was undertaken on 8<sup>th</sup> November 2017. The inspection involved walking over the assessment area and recording the GPS locations of any fox activity. During the inspection, areas with a higher probability of recording fox activity were identified, and camera traps or sand plots were installed (Figure 2, Table 1). Sand plots were baited with an olfactory lure (fox urine) to attract foxes to the plot location.

Camera traps and sand plots were monitored from 9<sup>th</sup> November to 13<sup>th</sup> November 2017, all traps were removed on the final day of monitoring.

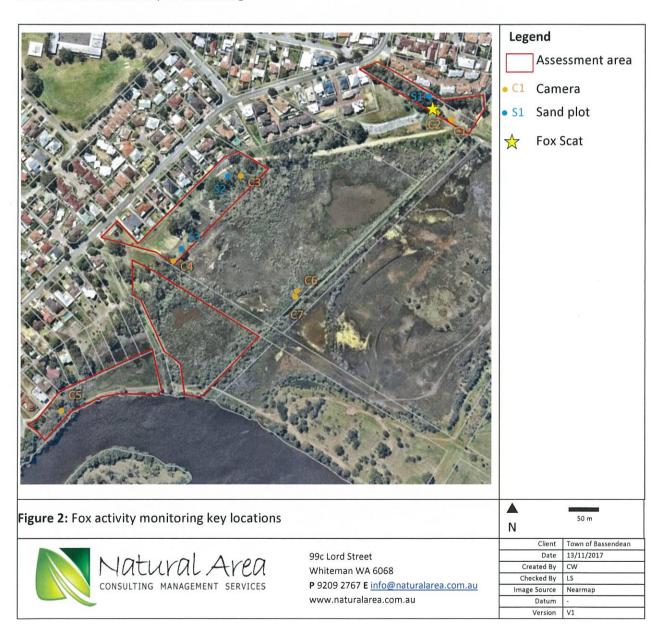


Table 1: Camera/Sand plot locations

Camera/ Sand plot #	Latitude (S)		Photo
Camera 1	-31.91614°	115.94647°	
Camera 2	-31.91611°	115.94611°	
Camera 3	-31.91694°	115.94337°	
Camera 4	-31.91804°	115.94238°	
Camera 5	-31.91990°	115.94077°	

Camera/ Sand plot #	Latitude (S)	Longitude	Photo
Camera 6	-31.91911°	115.94346°	
Camera 7	-31.91918°	115.94347°	
Sand plot 1	-31.91591°	115.94621°	
Sand plot 2	-31.91691°	115.94321°	
Sand plot 3	-31.91804°	115.94238°	

# 3.0 Results

No signs of fox dens, tracks or feeding (carcasses) were located during the site inspection. A fox scat (Figure 3) was located near the location where Camera 2 was established. Fox activity was recorded on Cameras 5 and 6 (Figure 4 and 5); a record of image captures is outlined in Table 2. Non-target animals recorded on the camera traps included birds and domestic dogs. No signs of fox activity were recorded in any of the sand plots.



Figure 3: Fox scat located near Camera 2 set up area



Figure 4: Fox recorded on Camera 5 November 12, 2017 at 4.29 am



Figure 5: Fox recorded on Camera 6 November 8, 2017 at 8:19 pm

Table 2: Camera trap image record

Camera #	Date	Time	Description
Camera 1	8/11/2017	10:21 AM	Snake, most likely Tiger Snake (Notechis scutatus)
	8/11/2017	4:44 PM	Australian Magpie (Cracticus tibicen)
	9/11/2017	7:08 AM	Australian Magpie (Cracticus tibicen)
	9/11/2017	11:02 AM	Bird, Pasșerine sp.
	10/11/2017	6:52 AM	Australian Magpie (Cracticus tibicen)
	10/11/2017	6:26 PM	Australian Magpie (Cracticus tibicen)
	11/11/2017	10:46 AM	Bird, Passerine sp.
	11/11/2017	6:34 PM	Australian Magpie (Cracticus tibicen)
	12/11/2017	8:06 AM	Australian Magpie (Cracticus tibicen)
	13/11/2017	6:57 AM	Australian Magpie (Cracticus tibicen)
Camera 2	11/11/2017	10:20 AM	Australia Raven (Corvus coronoides)
Camera 3	11/11/2017	11:13 AM	Laughing Dove (Streptopelia senegalensis)
Camera 4	8/11/2017	4:19 PM	Grey Butcher Bird (Cracticus torquatus)
	9/11/2017	4:11 PM	Purple Swamphen ( <i>Porphyrio porphyrio</i> )
	10/11/2017	7:43 PM	Grey Butcher Bird (Cracticus torquatus)
	10/11/2017	7:44 AM	Laughing Dove (Streptopelia senegalensis)
	10/11/2017	8:53 AM	Purple Swamphen ( <i>Porphyrio porphyrio</i> )

Camera #	Date	Time	Description
•	12/11/2017	6:18 AM	Purple Swamphen ( <i>Porphyrio porphyrio</i> )
	12/11/2017	8:52 AM	Spotted Dove (Streptopelia chinensis)
	12/11/2017	2:01 PM	Purple Swamphen ( <i>Porphyrio porphyrio</i> )
Camera 5	11/11/2017	8:23 AM	Domestic dog (Canis lupus familiaris)
	11/11/2017	12:29 PM	New Holland Honeyeater (Phylidonyris novaehollandiae
	12/11/2017	4:29 AM	European red fox (Vulpes vulpes)
Camera 6	8/11/2017	8:19 PM	European red fox (Vulpes vulpes)
	9/11/2017	8:19 AM	Australian Magpie (Cracticus tibicen)
Camera 7	8/11/2017	6:28 PM	Recreational walker
	9/11/2017	10:01 AM	Australia Raven (Corvus coronoides)
	9/11/2017	3:01 PM	Domestic dog (Canis lupus familiaris) and walker
	10/11/2017	6:57 AM	Recreational walker
	10/11/2017	9:02 AM	White-faced Heron (Egretta novaehollandiae)
	10/11/2017	4:00 PM	Domestic dog (Canis lupus familiaris) and walker
	10/11/2017	5:49 PM	Domestic dog (Canis lupus familiaris) and walker
	10/11/2017	6:05 PM	Domestic dog (Canis lupus familiaris) and walker
	11/11/2017	10:47 AM	White-faced Heron (Egretta novaehollandiae)
	12/11/2017	6:13 AM	Domestic dog (Canis lupus familiaris) and walker
	12/11/2017	7:28 AM	Australia Raven (Corvus coronoides)
	12/11/2017	8:03 AM	Domestic dog (Canis lupus familiaris) and walker
	12/11/2017	10:45 AM	Australia Raven (Corvus coronoides)
	12/11/2017	1:49 PM	Australia Raven (Corvus coronoides)
	12/11/2017	6:11 PM	Domestic dog (Canis lupus familiaris) and walker
	13/11/2017	5:47 AM	Domestic dog (Canis lupus familiaris) and walker

# 4.0 Recommendations

Two foxes were recorded during the monitoring event, once in the Town of Bassendean managed areas near French Street and once near the drain on WAPC land (Table 2). As there were no signs of carcasses or dens, it is likely that foxes are using the area as a corridor to access other areas along the Swan River rather than a den or hunting location. Due to the low levels of fox activity and high numbers of dogs recorded off lead at this site, trapping is not recommended due to the risks of injury domestic animals and the low cost/benefit ratio of a trapping program.



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# Quotation for fox monitoring and trapping program

Date: 3/05/2018

Quote No.: 2018 04 27 Rev1

Attention: Jeremy Walker

Company: Town of Bassendean/Department of Planning, Lands and Heritage

Email: jwalker@bassendean.wa.gov.au

Project: Ashfield Flats fox monitoring and trapping program

Prepared by: Ben Cocker
Phone: 0488 297 560

Email: ben.cocker@naturalarea.com.au

The following quotation is provided to the Town of Bassendean and Department of Planning, Lands and Heritage for the monitoring and control of foxes within Town of Bassendean managed land at Ashfield Flats. Foxes will be targeted with the use of soft jaw leg hold traps and euthanized in-situ in a humane and ethical manner by method of firearm. A 5 day pre-trap monitoring program followed by a 5 day trapping program will be undertaken.

# Methodology

# Monitoring

Prior to the application of any soft jaw leg hold traps, a preliminary site assessment will be undertaken to identify areas of feral pest activity; locating possible den sites, areas of high activity (scats, tracks, carcasses) and potential trap locations. A 5 day pre-trapping monitoring program will be undertaken with the use of infra-red motion sensor trail cameras to ascertain pest numbers, travel pathways taken and time of visitations. Free feed baiting will be undertaken to attract foxes to the trap sites and establish a feeding routine. Any dens located onsite will be collapsed upon inspection. Trail cameras will be reviewed regularly, and free feed applied to the area to continue activity to the selected trap sites.

# Trapping

Given the site location and zoning, an 'Application for permit to trap declared vertebrate pest animals' form must be completed as prescribed under Regulation 45 of the Biosecurity and Agricultural Management Act (2007), for use of soft jaw leg hold traps. Victor 1.5 soft jaw leg hold traps for fox capture will be left set 'live' in the ground for the duration of the trapping program. Protective lids will be used to cover the soft jaw leg hold traps throughout the day until the late afternoon where they will be removed and the trap will be 'live'. Trapping locations will be marked with flagging tape and GPS coordinates recorded for reference.

All traps will be checked each morning for the duration of the program. All traps to be checked and reset no later than 3 hours after sunrise. In the event that non-target native species are captured, the animal shall be



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# Quotation for fox monitoring and trapping program

inspected for potential injury prior to being released. Any suspected injured native animals will be transported to the nearest veterinary clinic for assessment.

Caution signage will be erected at all potential access points no later than 72 hours prior to traps being installed. Trapped feral animals will be euthanized in-situ with a firearm which is licenced under Natural Area's Corporate Firearms Licence. A firearms risk assessment and shoot plan will be conducted for the site prior to any shooting works. Notification of firearm use will be provided to the nearest police station and Town of Bassendean contact before the firearm is discharged to euthanise pests. No open ground shooting will occur other than at trapped pests. Destroyed pests will be buried at a suitable location onsite at a minimum depth of 600mm below ground level.

Table 1: Cost schedule

Item	Unit	Qty	Unit Cost (\$ ex GST)	Total Cost (\$ ex GST)
Pre-trapping monitoring	item	1	1,800.00	1,800.00
Trapping program	item	1	3,250.00	3,250.00
Report	ea.	1	400.00	400.00
			Total ex GST	5,450.00
		: <b>-</b>	GST	545.00
			Total inc GST	5,995.00

**Note:** Pending the results of pre-trapping monitoring works, if domestic animals are highly likely to be affected by trapping activities, the Town will be consulted to determine whether trapping should proceed. If it is decided that trapping should not proceed, invoicing will reflect pre-trapping monitoring works only.