



Sir Joseph Banks Park Bushcare Plan 2024



Sir Joseph Banks Park Bushcare Group Plan

Land tenure: Bayside Council, Sydney Water, Roads and Maritime

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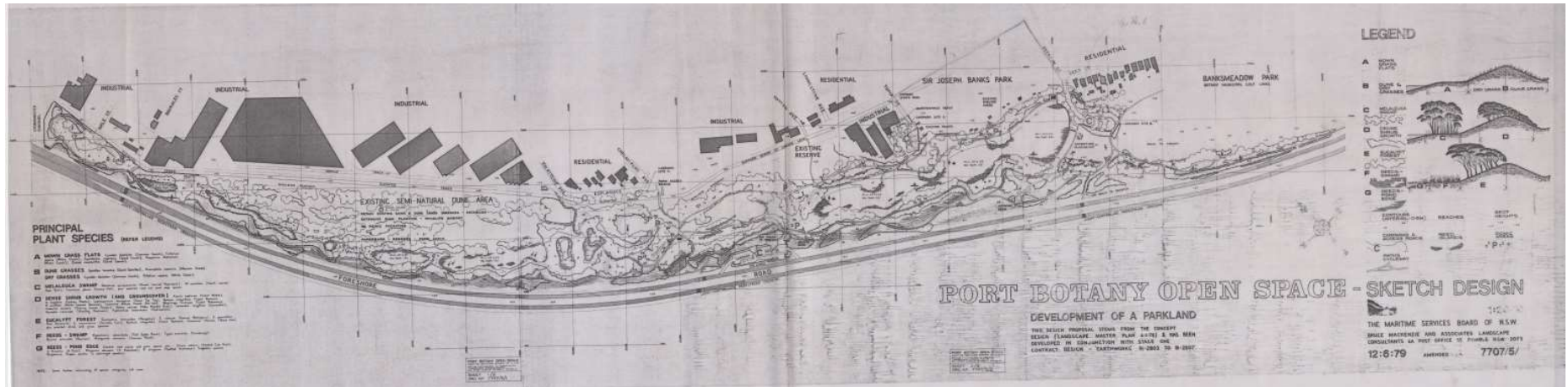
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1. Sir Joseph Banks Park Map



2. Bruce Mackenzie - Masterplan Foreshore Reserve - Sir Joseph Banks Park



3. Sir Joseph Banks Park Description

Sir Joseph Banks Park was constructed between 1979 and 1982 by the then-Maritime Services Board as part of the construction of a major industrial port facility on Botany Bay. Council has identified Sir Joseph Banks Park as a significant regional facility, serving large areas of the city, as well as communities outside the Local Government Area. The area described elsewhere as 'the Foreshore Reserve' (incorporating the original dune system and all reclaimed land) was developed by Bruce Mackenzie & Associates, a landscape consultancy firm commissioned by the then-Maritime Services Board in the mid-1970s. Mounding and shaping of the sand filled areas comprised Stage 1 of the project, with completion of earthworks in early 1980. The re-creation of coastal bushland by planting locally occurring species, the installation of paths, boardwalks, a chain of ponds, and other park infrastructure (Stage 2) was carried out over the next five years.

SJBP is divided into two (2) main sections: Sir Joseph Bank Park Pleasure Gardens, grasslands and recreational facilities ('the parkland',) and the Foreshore Reserve ('the recreated bushland'). SJBP provides areas of passive recreation through its managed parkland and associated amenities in the southern part of the Park, and as a network of bushland walking trails in the north; these running parallel to Foreshore Drive.

Sir Joseph Banks Park is a linear reserve of 28 hectares in size along the northwestern shore of Botany Bay of which six hectares is native vegetation growing on the original sand dunes, and the remainder established as native bushland planted on reclaimed land. There are five broad vegetation communities;

- Remnant bushland (coastal dune formation - ESBS);
- Reconstructed bushland (being the woodland areas in the western section, and the scrub and dunes of the central and eastern sections of the Park.
- Ponds/wetlands; and
- Managed open grasslands.

While these broad vegetation communities may still be distinguished, in much of the park they have been dramatically altered both floristically and structurally due to chronic weed invasion and the consequent blurring of community boundaries.

4. Condition of Bushland Colour Code

COLOUR CODE	CONDITION OF BUSHLAND	DESCRIPTION	INTERVENTION REQUIRED
GREEN	GOOD	Virtually weed free – healthy native community (0-10% weed).	1. Minimal
BLUE	FAIR	Minor infestation of weeds (10-30%weed).	2. Low
ORANGE	POOR	Severely infested – regeneration of native species being suppressed (30-70% weed).	3. Medium
RED	VERY POOR	Bushland replaced by exotic species OR only mature specimens of highest stratum remain – no seedlings or saplings due to infestation by exotics (70-100% weed).	4. Medium or High

5. Sir Joseph Banks Park Bushcare Group Action Plan

Priority H = High (within 12 months); M = Medium (1-3 years); L = Low

ACTION	PRIORITY	Notes	TIME
Sweep through planted areas around the light tower (Folkstone Parade) and along the path.	H	This is the area the group will work in during summer.	Ongoing
Work progressively along the SWOOS from Folkstone Parade west.	M	This is the area the group will work in during summer.	Ongoing
In the winter months sweep through the bush tucker forest.	M	As needed	Ongoing
Council to organise a contractor to clean up the bush tucker forest and re mulch the pathway.	H	Madeline to organise.	ASAP
Develop signage for the bush tucker forest to be installed at either end of the track.	H	Madeline to organise.	ASAP
Schedule education sessions for SJBP on 5 th Saturdays.	H	Madeline to organise.	Ongoing
Schedule possible weekday summer bushcare session 5-6:00PM.	L	Need to see how much appetite there is for this.	
Develop warm up exercises hand out	H	Madeline to organise	ASAP
Develop flip book of common weeds and weed look a likes.	H	Madeline to organise	ASAP
Develop bushcare sign to display during bushcare sessions.	H	Madeline to organise	ASAP

6. Related Management Plans and Strategies

Name of document	Year	Produced by
Local Strategic Planning Statement A land-use vision to 2036	2020	Bayside Council
Reflect Reconciliation Action Plan	2022	Bayside Council
Sir Joseph Banks Park Plan of Management	1999	Botany Council
Sir Joseph Banks Park Conservation Management Plan	2019	Bayside Council
Sir Joseph Banks Park Review of Vegetation Management Plan	1999	Botany Council

7. Weed Species Sir Joseph Banks Park

Scientific Name	Common Name	Notes
<i>Acacia saligna</i>		Very specimens in the park
<i>Acetosa sagitta</i>	Turkey Rhubarb	major problem along the SWOOS.
<i>Alternanthera philoxeroides</i>	Alligator Weed	Weed of National Significance (WONS) Found in some of the SJBP ponds.
<i>Amaranthus viridis</i>	Amaranth	
<i>Anredera cordifolia</i>	Madeira Vine	WONS. Not significant in SJBP.
<i>Asparagus aethiopicus</i>	Asparagus Vine	WONS. Found throughout the park. Most major infestations have been removed but continuing issues along the SWOOS.
<i>Araujia hortorum</i>	Moth Vine	
<i>Aster subulatus</i>	Saltmarsh Aster	
<i>Bidens pilosa</i>	Cobblers Pegs	
<i>Bidens subalternans</i>	Cobblers Pegs	
<i>Brassica sp.</i>	Mustard	
<i>Bromus catharticus</i>	Brome Grass	
<i>Cinnamomum camphora</i>	Camphor Laurel	
<i>Cardamine hirsuta</i>	hairy Bittercress	
<i>Cestrum parqui</i>	Green Cestrum	Infestations throughout bushland.
<i>Chenopodium album</i>	Fat Hen	
<i>Chrysanthemoides monilifera</i>	Boneseed	WONS. Only a few individual specimens.
<i>Conyza sp.</i>	Fleabane	Most notable in cleared areas. Continues to be a problem along the SWOOS and in the CVA planting bed.
<i>Digitaria sanguinalis</i>	Hairy crabgrass	
<i>Ehrharta calycina</i>	Perennial veldtgrass	
<i>Ehrharta erecta</i>	Panic veldtgrass	
<i>Eragrostis curvula</i>	African Lovegrass	Major problem throughout the entire park. Found along the bush track and throughout bush in northern end of the park.
<i>Euphorbia peplus</i>	Milkweed	
<i>Fumaria muralis</i>	Fumitory	
<i>Gamochaeta americana</i>	American everlasting	
<i>Gamochaeta calviceps</i>	Cudweed	

Hypochaeris radicata	Catsear/Flatweed	
Ipomoea purpurea	Morning Glory	Mostly found in the old car park area off Foreshore Drive.
Lactuca serriola	Prickly lettuce	
Lantana camara	Lantana	WONS. Some large patches remain in the northern area of the bushland. Continues to pop up throughout the park and needs to be maintained.
Lepidium africanum	Common peppergrass	
Malva sp.	Mallow	
Modiola caroliniana	Carolina bristlemallow	
Ochna serrulata	Mickey Mouse Plant	
Olea europaea	African Olive	
Onopordum sp.	Scotch Thistle	
Opuntia species	Prickly Pear	WONS. Throughout the bushland area.
Osteospermum moniliferum	Bitou Bush	WONS. Major infestations along Foreshore Drive. Individual plants scattered throughout bushland.
Paspalum dilatatum	Paspalum	
Paspalum urvillei	Vasey Grass	
Portulaca oleracea	Purslane	
Phyllanthus tenellus	Mascarene Island leaf flower	
Phoenix canariensis	Phoenix Palm	Throughout bushland, major problem.
Ricinus communis	Castor Oil Plant	Continuing problem along the SWOOS.
Senecio madagascariensis	Fireweed	WONS. Throughout the bushland area.
Sida rhombifolia	Paddys Lucerne	
Solanum nigrum	Blackberry Nightshade	
Sonchus oleraceus	Sow Thistle	
Stellaria media	Chickweed	
Verbena bonariensis	Purple Top	
Vulpia myuros	Annual fescue/Rat's-tail fescue	

8. Native Species List Sir Joseph Banks Park

Family	Name	Notes
	<i>Acacia longifolia</i>	
	<i>Acacia sophorae</i>	
	<i>Acmena smithii</i>	
	<i>Allocasuarina littoralis</i>	
	<i>Angophora costata</i>	
Ericaceae	<i>Astroloma pinifolium</i>	
	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	
	<i>Banksia serrata</i>	
	<i>Billardiera scandens</i>	
	<i>Breynia oblongifolia</i>	
	<i>Cassytha pubescens</i>	
	<i>Carex longebrachiata</i>	
	<i>Casuarina glauca</i>	
	<i>Commelina cyanea</i>	
	<i>Desmodium gunnii</i>	
	<i>Dianella caerulea</i> var. <i>caerulea</i>	
	<i>Dianella crinoides</i>	
	<i>Dichondra repens</i>	
	<i>Echinopogon ovatus</i>	
	<i>Entolasia marginata</i>	
	<i>Eucalyptus botryoides</i>	
	<i>Eucalyptus pilularis</i>	
	<i>Geranium potentilloides</i>	
	<i>Glycine clandestina</i>	
	<i>Gonocarpus teucrioides</i>	
	<i>Hardenbergia violacea</i>	
	<i>Hibbertia scandens</i>	
	<i>Imperata cylindrica</i> var. <i>major</i> <i>Isolepis nodosa</i>	

	<i>Kennedia rubicunda</i>	
	<i>Lagenifera stipitata</i>	
	<i>Lepidosperma concavum</i>	
	<i>Leptospermum laevigatum</i>	
	<i>Lomandra longifolia</i>	
	<i>Marsdenia rostrata</i>	
	<i>Microlaena stipoides</i> var. <i>stipoides</i>	
	<i>Monotoca elliptica</i>	
	<i>Notelaea longifolia</i>	
	<i>Oplismenus imbecillus</i>	
	<i>Parsonsia straminea</i>	
	<i>Pittosporum revolutum</i>	
	<i>Pittosporum undulatum</i>	
	<i>Pratia purpurascens</i>	
	<i>Pteridium esculentum</i>	
	<i>Ricinocarpus pinifolius</i>	
	<i>Rubus parvifolius</i>	
	<i>Solanum pungentium</i>	
	<i>Stephania japonica</i> var. <i>discolor</i>	
	<i>Stellaria flaccida</i>	
	<i>Themeda australis</i>	
	<i>Viola hederacea</i>	

9. Plant Summary Sir Joseph Banks Park

Sir Joseph Banks Park Plant Summary	Number
Vascular plants	
Mosses	
Liverworts	
Lichens	
Fungi	

10 most common plants that are indigenous to the area.	10 most common plants that are <i>not</i> indigenous to the area.
Acacia longifolia/sophorae	Turkey Rhubarb
Banksia integrifolia	Lantana camara
Kunzea ambigua	Bitou bush
Leptospermum laevigatum	Asparagus weed
Breynia oblongifolia	Fleabane
Pteridium esculentum	Hydrocotyle
Commelina cyanea	African Lovegrass
Lomandra longifolia	Ehrharta
Ficinia nodosa	Castor Oil plant
Casuarina glauca	Green Cestrum
Can all of the group regular volunteers identify these? YES (NO)	Can all of the group regular volunteers identify these? YES (NO)

10. Group support and skill development needs

This information helps to identify gaps that may exist between what the group require to function effectively and what the group has available. This focuses on the group, overall, not individual members.

Tick one box only	We are absolute beginners – don't know a great deal	We know a bit – enough to get by most of the time	We know quite a lot – and we know when to seek help	There's probably not much more we can learn on this.	Comments
OH&S – develop and follow risk assessment					
Develop and/ or monitor Action Plan					
Plant identification – indigenous plants					
Weed identification & control methods					
Bush regeneration methods					
Seed collection & propagation					
Group planning and decision making					
Managing neighbour relations					
Community education – schools, neighbours etc					
Volunteer/ group member recruitment					
Preparing grant applications					