

Lower Field River (Cormorant Drive Reserve) Aleppo Pine Tree Removal and Revegetation Action Plan 2020-2025

Stage	Year	Tree identification	Description	Timing	Revegetation species/habitat	Revegetation zones (refer to aerial)				Notes
1	Year 1 -2020	2,3,7,12,14,15,18,19,25,27,28,33 (12 trees)	<ul style="list-style-type: none"> Aleppo Pine Trees have been assessed to be in poor health and structure and are hazardous. Aleppo Pine Trees are small and their removal will have limited impact to the visual amenity of the reserve 	November 2020 concurrent with the recommended crown lifting of all Aleppo Pine Trees through the two stands.	Riparian , Common Reed (<i>Phragmites australis</i>) and Narrow-leaf Bulrush (<i>Typha domingensis</i>), with an emergent shrub layer, particularly along edges, of Silky Tea-tree (<i>Leptospermum lanigerum</i>), Creekline , of open Red Gum (<i>Eucalyptus camaldulensis</i> var. <i>camaldulensis</i>), over a generally open shrub and grassy/herbaceous understorey, and Woodland (<i>Eucalyptus porosa</i> , <i>Allocasuarina verticillata</i> over an open shrub understorey). Swamp Paperbark (<i>Melaleuca halmaturorum</i>)	Riparian	Woodland	Creekline	Swamp Paperbark	Revegetation only to occur where it can't be damaged in future Aleppo Pine Tree removals i.e tree ID 2, 12,14, 15, 25,27,28 33 . Investigate whether Pine Tree mulch (not all) can be left on site for revegetation preparation.
2	Year 2 -2021	1,5,21,23,24,29,30, 34,35 (9 trees)	<ul style="list-style-type: none"> Aleppo Pine Trees have been assessed to be in fair health and fair to poor structure and do not pose an immediate risk at this time. The retention of these trees will for a period of time soften the loss of stage 1 trees and allow the establishment of replacement plantings from an amenity and bank erosion perspective. Stage 2 tree removals should occur within 24 months. 	November 2021	Riparian , Common Reed (<i>Phragmites australis</i>) and Narrow-leaf Bulrush (<i>Typha domingensis</i>), with an emergent shrub layer, particularly along edges, of Silky Tea-tree (<i>Leptospermum lanigerum</i>), Creekline , of open Red Gum (<i>Eucalyptus camaldulensis</i> var. <i>camaldulensis</i>), over a generally open shrub and grassy/herbaceous understorey, and Woodland (<i>Eucalyptus porosa</i> , <i>Allocasuarina verticillata</i> over an open shrub understorey).	Riparian	Woodland	Creekline		Revegetation only to occur where it can't be damaged in future Aleppo Pine Tree removals i.e tree ID 1, 21, 23, 24, 29, 30, 34, 35 . Retain some Pine Tree mulch for revegetation preparation.
3	Years 3/4 - 2022-2023	4,6,8,9,10,11,16,17,20,32 (10 trees)	<ul style="list-style-type: none"> Aleppo Pine Trees have been assessed to be in fair health and fair structure. Aleppo Pine Tree retention, until years 3 and 4 will allow replacement species to mature and soften the loss of amenity once removal of these trees occur and reinforce the protection of the banks from erosion. Stage 3 tree removals should occur within 36 to 48 months. 	November 2022 and November 2023	Riparian , Common Reed (<i>Phragmites australis</i>) and Narrow-leaf Bulrush (<i>Typha domingensis</i>), with an emergent shrub layer, particularly along edges, of Silky Tea-tree (<i>Leptospermum lanigerum</i>), Creekline , of open Red Gum (<i>Eucalyptus camaldulensis</i> var. <i>camaldulensis</i>), over a generally open shrub and grassy/herbaceous understorey, and Woodland (<i>Eucalyptus porosa</i> , <i>Allocasuarina verticillata</i> over an open shrub understorey).	Riparian	Woodland	Creekline		It is recommended that an ecologist re-evaluate the site after three years, and provide an up-to-date review of the effectiveness of the Aleppo Pine removal, an evaluation of the revegetation being undertaken and an update of any current research as it relates to Aleppo Pines and importance to Yellow-tailed Black Cockatoos. Retain some Pine Tree mulch for revegetation preparation.
	2023	Mid term review	Re-evaluation of removal plan by ecologist and update provided to Council	Spring 2023 (prior to 2023 sheduled removal)	All areas of Aleppo Pine Removal Area					
4	Years 5/6- 2024-2025	13, 22,31 (3 trees)	<ul style="list-style-type: none"> Aleppo Pine Trees have been assessed to be in fair to good health and fair to good structure. In addition, Trees 22 and 31 are the largest trees within the immediate locality. Tree retention, until years 5 and 6 will provide opportunity to allow replacement species to mature and soften the loss of amenity once removal of these trees occur. Stage 4 tree removals should occur within 60 to 72 months. 	November 2024 and November 2025	Woodland (<i>Eucalyptus porosa</i> , <i>Allocasuarina verticillata</i> over an open shrub understorey).	Riparian	Woodland	Creekline		A larger revegetation area will provide ample room to revegetate with local woodland species while keep enough distance from nearby housing.

* no tree identified as number 26