

22/11/2012
C53(Part 1)**SCHEDULE 6 TO THE ENVIRONMENTAL SIGNIFICANCE OVERLAY**

Shown on the planning scheme map as **ESO6**.

SITES OF KNOWN BIOLOGICAL SIGNIFICANCE**1.0 Statement of environmental significance**22/11/2012
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Brimbank City Council supports some of the most threatened ecosystems in Australia. Sites of biological significance in the municipality play an important role in contributing to the ecological processes and biodiversity of the region.

Located in the Victorian Volcanic Plains Bioregion, the municipality supports four broad vegetation communities: Plains Grassland, Escarpment Shrubland, Riparian Complex and Plains Grassy Wetland.

Plains Grassland and Plains Grassy Wetland are listed as “endangered” vegetation communities under the Victorian *Flora and Fauna Guarantee Act 1988*. Plains Grassland (Natural Temperate Grasslands of the Victorian Volcanic Plains) is also listed as “critically endangered” under the Australian Government’s *Environment Protection and Biodiversity Conservation Act 1999*, (EPBC Act). All ecological vegetation classes (evc) found in Brimbank are listed as “endangered” by the Department of Sustainability and Environment.

These vegetation communities provide critical habitat for several species of threatened fauna and flora including the Striped Legless Lizard (*Delmar impar*) which is listed as “vulnerable” under the EPBC Act, the Spiny Rice Flower (*Pimelea Spinescens subs spinecens*) and Golden Sun Moth (*Synemon plana*) which are both listed as “critically endangered”.

Preserving the biodiversity of the region depends on retaining and enhancing existing native vegetation, sensitive land management, revegetating land with indigenous species and strengthening habitat corridors.

The sites covered by this schedule have been identified as sites of biological significance in the *Brimbank City Council Natural Heritage Strategy 1997*, the Department of Sustainability and Environment’s Biodiversity Database and / or the *Brimbank Native Vegetation Review: Site Assessment 2007* and targeted flora and fauna reports. The ecological vegetation class of each site is listed in Table 2.

2.0 Environmental objective to be achieved22/11/2012
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- To protect and enhance the viability and connectivity of ecosystems, species and genetic diversity in areas of identified biological significance.
- To ensure that any use, development or management of land within and adjacent to areas of biological significance are compatible with their long-term maintenance and conservation and will not have detrimental impacts on biodiversity values.
- To maintain the integrity of sites of biological significance through protection from:
 - pest plant and animal invasion;
 - reduction or fragmentation of habitat;
 - increases in nutrient and sediment input from fill batters and earthworks;
 - inappropriate location of vehicle access;
 - inappropriate fire regimes; and
 - distortion of the natural hydrological regime.
- To protect and enhance the landscape character and heritage values of identified grasslands, valleys and wetlands.

3.0 Permit requirement22/11/2012
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A permit is not required:

- To remove vegetation not indigenous to the region or proclaimed as a weed under the *Catchment and Land Protection Act 1994*, or listed in Table 1 to this Schedule.
- For works undertaken by or on behalf of a public authority or waterway management agency involving revegetation, including preparatory works associated with revegetation.

An application to use land to construct a building or carry out works, to remove or lop any vegetation, or to subdivide land should be accompanied by the following:

(i) A report prepared by an appropriately qualified ecologist, biologist, botanist or zoologist. The report should include the following information:

- A flora and fauna survey of the whole site, identifying the type, significance and fauna values or other habitat components of the vegetation on the site. The flora and fauna survey should provide the following information with reference to the *Port Phillip and Western Port Native Vegetation Plan* or *Victoria's Native Vegetation Management: A Framework for Action*:
 - The Bioregional Conservation Status of the Ecological Vegetation Classes found on the site.
 - The conservation significance of the site.
- An explanation of how the proposal addresses the “three step approach” to avoid, minimise and offset native vegetation losses as specified in *Victoria's Native Vegetation Management: A Framework for Action* and the *Port Phillip and Western Port Native Vegetation Plan*.
- Identification of any native vegetation or other habitat components to be removed, destroyed, damaged or otherwise disturbed.
- The likely impact of the proposal on the biodiversity of the region.
- The specific measures to be taken to ensure that any impacts on native flora and / or fauna are compensated for by rehabilitation or revegetation to achieve an environmental net gain in accordance with the requirements of the *Port Phillip and Western Port Native Vegetation Plan*. If the proposal involves clearing areas of native vegetation, the report should specify:
 - The quality and quantity of native vegetation to be removed (expressed in habitat hectares).
 - The native vegetation offset required (expressed in habitat hectares) to achieve a net gain in accordance with the requirements of the *Port Phillip and Western Port Native Vegetation Plan*.
 - An Offset Management Plan which outlines:
 - the location of the offset including fully dimensioned plans drawn to a scale of 1:200 or 1:500;
 - a habitat hectare assessment of the offset site;
 - the management actions required to achieve the specified net gain including revegetation, fencing, pest plant and animal control, burning regimes, methodology to be used for monitoring the site and signage;
 - the timing of the management actions including a schedule of works over a 10 year period;
 - the land manager responsible for implementing the management plan;
 - a schedule of costs for implementing the management plan including all administrative expenses;
 - construction of and maintenance of management/access tracks or buffer areas required for the delivery of management activities; and
 - the legal mechanism to be used to permanently secure the offset.
- Any statutory requirements under the Flora and Fauna Guarantee Act 1988 or the Environment Protection and Biodiversity Act 1999.

- (ii) A construction management plan showing how remnant patches of native vegetation will be protected during construction from vehicles, machinery and clean fill storage areas with appropriate fencing and / or buffer zones. All vehicle routes, machinery paths and clean fill storage areas should be located at least 3 metres from patches of native vegetation.

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Decision guidelines

Before deciding on an application to construct a building or construct or carry out works; to remove, destroy or lop vegetation; or to subdivide land, the responsible authority must consider, as appropriate:

- The State Planning Policy Framework and Local Planning Policy Framework.
- The conservation status of the vegetation to be removed.
- The targets and policies specified in the *Port Phillip and Western Port Native Vegetation Plan* and *Victoria's Native Vegetation Management: A Framework for Action*.
- The reason for removing any vegetation and the viability of any alternative options which do not require removal of native vegetation or other habitat components. Where alternatives exist which do not require the loss of native vegetation or other habitat values, these alternatives should be favoured.
- The results of any flora and fauna survey and assessment of the land and consideration of whether the survey and assessment has been adequately completed under appropriate seasonal conditions and by suitably qualified personnel.
- If native vegetation is to be removed, whether suitable measures have been identified to achieve a net environmental gain in accordance with the requirements of the *Port Phillip and Western Port Native Vegetation Plan*.
- Any other statutory requirements related to native flora and fauna.
- If vegetation is to be removed and an offset is required, the preference is to locate offsets within Brimbank and connected to similar types of vegetation.

Table 1 Environmental Weeds

Species	Common Name
<i>Cynara cardunculus</i>	Spanish Artichoke
<i>Helminthotheca echioides</i>	Ox-tongue
<i>Hypochoeris radicata</i>	Cats Ear
<i>Lycium ferocissimum</i>	African Box-thorn
<i>Nassella hyalina</i>	Fine Needle-grass
<i>Nassella leucotricha</i>	Pale Needle-grass
<i>Nassella neesiana</i>	Chilean Needle-grass
<i>Nassella trichotoma</i>	Serrated Tussock
<i>Palntago lanceolata</i>	Ribwort
<i>Allium vineale</i>	Crow Garlic
<i>Asphodelus fistulosus</i>	Onion Weed
<i>Aster subulatus</i>	Aster Weed
<i>Berkheya rigida</i>	African Thistle
<i>Brassica fruticulosa</i>	Twiggy Turnip
<i>Chrysanthemoides monilifera</i> ssp. <i>Monilifera</i>	Boneseed
<i>Cirsium vulgare</i>	Spear Thistle

Species	Common Name
<i>Conium maculatum</i>	Hemlock
<i>Convolvulus arvensis</i>	Common Bindweed
<i>Echium plantagineum</i>	Paterson's Curse
<i>Foeniculum vulgare</i>	Fennel
<i>Fraxinus angustifolia</i> ssp. <i>Anustifolia</i>	Desert Ash
<i>Galenia pubescens</i>	Galenia
<i>Genista monspessulana</i>	Montpellier Broom
<i>Juncus acutus</i> ssp. <i>Acutus</i>	Sharp Rush
<i>Lavatera cretica</i>	Cretan Hollyhock
<i>Leontodon taraxacoides</i>	Hairy Hawkbit
<i>Marrubium vulgare</i>	Horehound
<i>Myrsiphyllum asparagoides</i>	Simlax Asparagus
<i>Olea europaea</i> ssp. <i>Europaea</i>	African Olive
<i>Opuntia vulgaris</i>	Drooping Prickly Pear
<i>Opuntia</i> sp.	Prickly Pear
<i>Oxalis pes-caprae</i>	Soursob
<i>Plantago coronopus</i>	Buck's-horn Plantain
<i>Prunus cerasifera</i>	Cherry Plum
<i>Populus</i> sp.	Poplar
<i>Ricinus communis</i>	Castor Oil Plant
<i>Rosa rubiginosa</i>	Sweet Briar
<i>Rubus discolor</i>	Balckberry
<i>Rumex conglomerates</i>	Clustered Dock
<i>Rumex crispus</i>	Curled Dock
<i>Salix</i> spp.	Willows
<i>Schinus molle</i> var. <i>areira</i>	Pepper Tree
<i>Silybum marianum</i>	Variiegated Thistle
<i>Sonchus</i> spp.	Sow-thistles
<i>Tradescantia albiflora</i>	Wandering Jew
<i>Tragopogon porrifolius</i>	Salsify
<i>Ulex europaeus</i>	Furze

Table 2 to Schedule 6

Site No.	Site Name	Ecological Vegetation Class
ESO4-7A	Calder Park Rail Reserve	Plains Grassland
ESO4-8A	Cyril Clements Reserve	Derived Grassy Woodland
ESO4-12A	Deer Park Rail Reserve - Railway Parade	Plains Grassland
ESO4-13A	Deer Park Urban Forest Grassland	Plains Grassland
ESO4-14A	Denton Grassland	Plains Grassland

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Site No.	Site Name	Ecological Vegetation Class
ESO4-15A	Derrimut Grassland	Plains Grassland, Plains Grassy Wetland
ESO4-18A	Gilbertsons Drainage Easement Grasslands	Plains Grassland, Plains Grassy Wetland
ESO4-19A	Gilbertsons Estate Grasslands - Melbourne Water Retarding Basin	Plains Grassland
ESO6-19B	Gilbertsons Estate Grassland Patches	
ESO6-19M	Gilbertsons Estate Grassland Patches	
ESO4-20C	Ginifer Rail Reserve Grassland Patches	Plains Grassland
ESO4-20D	Ginifer Rail Reserve Grassland Patches	Plains Grassland
ESO4-23A	Iramoo Grassland	Plains Grassland
ESO4-25A	Jones Creek Grassland	Plains Grassland
ESO4-27A	Kayes Drain Grassland	Plains Grassland, Plains Grassy Wetland
ESO4-51A	Matthews Hill Grassland (O'Brien Park)	Plains Grassland
ESO4-55A	Mt Derrimut Grassland	Plains Grassland
ESO4-57A	Pimelea Terrace Grassland	Plains Grassland
ESO4-58A	Pioneer Park East	Plains Grassland
ESO4-59A	Pioneer Park West	Plains Grassland
ESO4-60A	Ptilotus Grassland	Plains Grassland
ESO4-61A	Reid Street Grassland	Plains Grassland
ESO4-62A	Lot 3 Robinsons Road	Plains Grassland
ESO4-63A	Oakwood Road - Eaton Court Grassland	Plains Grassland
ESO4-67A	St Albans Rail Reserve Grassland Patches - (north west)	Plains Grassland
ESO4-67B	St Albans Rail Reserve Grassland Patches - (south west)	Plains Grassland
ESO4-67C	St Albans Rail Reserve Grassland Patches - (south east)	Plains Grassland
ESO4-68A	St. Albans Transmission Line Grasslands	Plains Grassland
ESO4-69A	Stoney Creek Grassland	Plains Grassland
ESO4-70A	Sunshine Rail Reserve - Wright St	Plains Grassland
ESO4-73A	Sydenham Rail Reserve Grassland Patches	Plains Grassland
ESO4-74A	Taylors Creek Escarpment Shrubland - Green Gully	Plains Grassland, Escarpment Shrubland
ESO4-75D	Taylors Creek Grassland – Wanaka Drive	Plains Grassland
ESO4-77A	Taylors Creek – (Kings Road)	Plains Grassland, Plains Grassy Wetland

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Site No.	Site Name	Ecological Vegetation Class
ESO4-78A	Taylor's Creek - (Green Gully Road to Sunshine Avenue)	Riparian, Escarpment Shrubland, Plains Grassland, Plains Grassy Wetland
ESO4-79A	Calder Park Industrial Estate Grassland	Modified Plains Grassland
ESO5-80C	Kings Road Interchange	
ESO4-82A	Keilor Downs Plaza Grassland - (west)	Plains Grassland
ESO4-82B	Keilor Downs Plaza Grassland (east)	Plains Grassland
ESO4-83A	Bunnings Grassland	Plains Grassland
ESO4-84A	Investa Grassland	Plains Grassland
ESO4-86B	Ballarat Road Grassland (north)	Plains Grassland
ESO4-87A	Mobil Service Station Grassland	Plains Grassland
ESO5-88A	Cairnlea Drive, north of the Ring Road	
ESO4-91A	Steele Creek Grasslands	Plains Grassland