

ADVERTISED PLAN



Preliminary Land Management Plan for Lilydale Waste to Energy Facility

The concept Preliminary Land Management Plan has been prepared at the request of Department of Environment, Land, Water and Planning.

Yarra Ranges Planning Scheme

Schedule 1 to Clause 42.01 Environmental Significance Overlay states that indigenous vegetation within habitat corridors has been fragmented and degraded by past land management practices. The policy seeks to improve the network of flora and fauna habitats through the rehabilitation of these degraded areas especially along watercourses.

Sub-clause 4.0 states:

A preliminary land management plan (may be required as a condition of permit) that identifies the important environmental values of the site and describes the land management actions, such as revegetation and fencing, that are proposed to be undertaken in conjunction with the proposed development or vegetation removal.

Land management measures to be included in the Preliminary Land Management Plan

Prior to the commencement of construction, a Preliminary Land Management Plan (PLMP) for the land affected by the Waste to Energy Facility is to be prepared to the satisfaction of the responsible authority. The PLMP must set out how flora and fauna habitats will be supported and enhanced post-construction in the areas that works have been undertaken.

The Land Management Plan must include (but not be limited to):

- Site plan
- Land to which the preliminary Land Management Plan applies (and does not apply)
- Site description
- List of the objectives for the property
- A description of native plant and animals on site and in the area
- A description of the site outside the native vegetation areas
- Identification of Land Management Issues
- Goal setting, specification of actions, implementation and monitoring of the identified actions.

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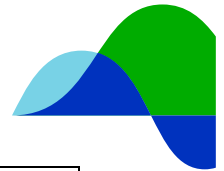


Preliminary Land Management Plan

Site Plan	Refer to Figure 1
Affected land	The LMP applies to land shown in Figure 1 that is owned by Yarra Valley Water. The LMP does not apply to land shown in Figure 1 that is not owned by Yarra Valley Water.
Site description	83-85 Nelson Road, Lilydale which comprises of the following affected titled lots: 1\TP125400, 2\TP895065, 1\TO340613 and 1\TP428498. The land is zoned as Public Use Zone 1. The land is owned by Yarra Valley Water. Yarra Valley Water uses the land as a sewerage treatment plant. The land is significantly disturbed and there is limited native and non-native vegetation on the land. Easements that apply to the land are high voltage transmission, drainage, channel, pipeline and passageway. 535-537 Maroondah Highway, Coldstream which comprises of the following affected titled lots: 1\TP550095 and 5\PS327190. The land is zoned as Green Wedge Zone 2 and Green Wedge Zone 4, respectively. The land is owned by Yarra Valley Water. Yarra Valley Water leases the land for farming purposes. The land has been disturbed by past farming practices. Native and non-native vegetation is generally limited to the waterways and fenced property boundaries. Easements that apply to the land are high voltage transmission.
Objectives for the property	<ul style="list-style-type: none"> To facilitate the use and development of the land in accordance with the planning controls, permits and other approvals that apply to the land. To protect and maintain wildlife corridors along waterways and fence lines. To support the re-establishment of native flora and fauna in areas disturbed by the Waste to Energy Facility works. Re-connecting habitat connectivity and networks were disturbed by the project.
Description of native plant and animals on site and in the area	<p>Nelson Road Drain Comprises EVC 821 Tall Marsh dominate by Common Reed (<i>Phragmites australis</i>) in combination with some <i>Juncus</i> (<i>Juncus</i> sp.) and Broad-leaf Cumbungi (<i>Typha orientalis</i>). A Swamp Gum (<i>Eucalyptus ovata</i>) also occurs along the Nelson Road Drain. Common Eastern Froglet (<i>Crinia signifera</i>) and provides habitat for various wetland bird species</p> <p>Yarra Rail crossing Blackwood (<i>Acacia melanoxylon</i>) and Weeping Grass (<i>Microlaena stipoides</i> var. <i>stipoides</i>) and Silver Wattle (<i>Acacia dealbata</i>), likely planted for conservation purposes.</p> <p>Lilydale drain Blackwood (<i>Acacia melanoxylon</i>) and, an occasional eucalypt tree (Swamp Gum) and some grasses, such as Wallaby Grass (<i>Rytidosperma</i> sp.) or Weeping Grass (<i>Microlaena stipoides</i> var. <i>stipoides</i>) Is habitat for birds and reptiles</p> <p>Fence line</p>

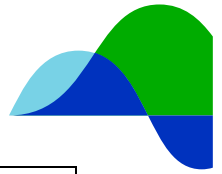
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	Eucalyptus species comprising: <i>Eucalyptus ovata</i> , <i>Eucalyptus obliqua</i> and <i>Eucalyptus viminalis</i> and scattered native shrubs such as Blackwood (<i>Acacia melanoxylon</i>)
Description of the site outside the native vegetation areas	<p>Vegetation with the Lilydale Waste to Energy project area The area is predominantly exotic weed species, including Brassica (*<i>Brassica</i> sp.), Plantain (*<i>Plantago</i> sp.), Small-flower Mallow (*<i>Malva parviflora</i>) and Cocksfoot (*<i>Dactylis glomerata</i>). In wetter areas are Water Couch (*<i>Paspalum distichum</i>) and Toowoomba Canary-grass (*<i>Phalaris aquatica</i>). The majority of the WtE Facility Project Area is previously disturbed due to past land use. The remainder of the trees within the WtE facility Project Area are planted Southern Mahogany (#<i>Eucalyptus botryoides</i>).</p> <p>Vegetation within the subject land and surrounds Area containing exotic species, such as Common Nettle (*<i>Urtica dioica</i>), *Small-flower Mallow, Paspalum (*<i>Paspalum dilatatum</i>) and *Cocksfoot <u>Fence line</u> Planted along the fence line Monterey Cypress (*<i>Hesperocyparis macrocarpa</i>), Southern Mahogany (*<i>Eucalyptus botryoides</i>) and Pin Oak (*<i>Quercus palustris</i>) <u>The Lilydale drain</u> The system is dominated by weeds, including Paspalum, Blackberry (*<i>Rubus fruticosus</i> spp. agg.), *Brassica and Gorse (*<i>Ulex europaeus</i>). Is habitat for birds</p> <p>Weeds found within subject land and surrounds Declared noxious weeds include the following species:</p> <ul style="list-style-type: none"> • Spear Thistle (*<i>Cirsium vulgare</i>) • Blackberry (*<i>Rubus fruticosus</i> spp. agg.) • Gorse (*<i>Ulex europaeus</i>) • Fennel (*<i>Foeniculum vulgare</i>) • Watsonia (*<i>Watsonia meriana</i>).
Land Management Issues	<ul style="list-style-type: none"> • Protection and enhancement of indigenous flora and fauna • Revegetation to support connectivity and network of habitat for indigenous flora and fauna • Pests and weed control • Revegetation of trees and shrubs within the high voltage (220kV) transmission line easement to be undertaken in accordance with Ausnet Services guide to planting near electricity lines. • Revegetation not to impede line-of-sight on approach to intersections at Yarra Valley Rail Trail and Maroondah Highway
Goal setting, specification of actions, implementation	<ul style="list-style-type: none"> • Natural regrowth of the tree canopy over access road at the intersection with the Lilydale Drain East (Branch) to be supported to the extent that it does not impact on the use of the land and movement of vehicles.

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	<ul style="list-style-type: none">• Planting of vegetation between Yarra Valley Rail Trail and Maroondah Highway with species to be agreed in consultation with Yarra Ranges Shire Council• Weeds to be managed in accordance with maintenance program.
Monitoring	<ul style="list-style-type: none">• Monitor regrowth of habitat connectivity and network.• Identify whether further actions are required to support habitat.

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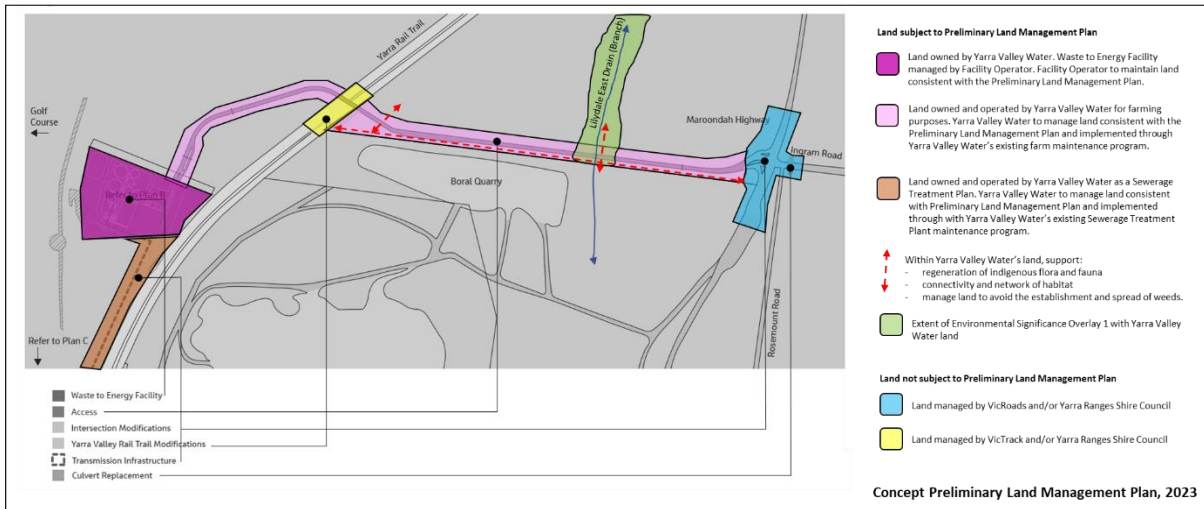


Figure 1: Concept Preliminary Land Management Plan, 2023

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