

KEY DIRECTIONS

- 1** Remove the existing Monterey Cypress trees in stages, commencing with the eastern row to the Elgar Road frontage, then the southern row, leaving the western and northern rows to last. The Monterey Cypress have reached maturity and are starting to slowly decline. Sensitive remove the Cypress trees near ground level with minimal disturbance to surrounding soil.

Revegetate the cleared embankments in the sequence noted above. Establish a mix of small native and indigenous shrubs and ground covers for erosion control on the embankments. Allow gaps for regeneration of indigenous species (Refer to Study Report).

Plant the small indigenous tree species to the bottom third of each embankment:
Acacia implexa and *Allocasuarina littoralis*.

Plant the following small indigenous shrubs and groundcovers to the bottom two-thirds of each embankment: *Platylobium obtusangulum*, *Correa glabra*, *C. reflexa*, *Acacia genitifolia*, *Spyridium parvifolium*, *Coprosma quadrifida*, *Acacia acinaceae*, *Bossiaea prostrata*, *Kenmedia prostrata*, *Hardenbergia violaceae*, *Acaena novae-zelandiae*, *Bossiaea prostrata*, *Brachyscome multifida*, *Chrysocephalum semipapposum* and *C. apiculatum*

Plant the following indigenous tufting species to the top two thirds of each embankment:
Dianella admixta, *D. caerulea 'Breeze'*, *Lomandra longifolia*, *Poa ensiformis*, *P. labillardieri* and *P. poiformis*.
- 2** Create an openspace area within the existing 12 metre wide setback, parallel to Elgar Road. The space should be considered special as Melbourne Water rarely open up their assets for community use, due to the nature of their operations in providing clean potable water for the metropolitan area.
 - Allow viewlines into the front setback from Elgar Road.
 - Establish a grassed surface for passive recreation use.
 - Provide strategic planting that frames, rather than fills, the space.
 - Provide space(s) that children from the Primary School can use, i.e. running, ball play, etc.
 - Relocate the front cyclone fence to the west side of the public space. Construct two sets of access steps and construct a low barrier pipe rail fence to the bluestone wall edge.
 - Construct a timber post and open rail low barrier fence to the Elgar Road frontage.
 - Over time, work with the adjoining Primary School, Church and the local community in the review of activities and facilities that could be provided.
- 3** Provide a sequence of interpretive panels to the Elgar Road frontage, documenting the history of the Water Development Board and the Melbourne Metropolitan Board of Works' roles in the establishment of service or holding reservoirs from the 1860s, in particular, the Surrey Hills Reservoirs in the 1890's and early 1900's.
- 4** Retain the existing vehicular access to the historic concrete water tower. Retain the existing, inclined access track to service the reservoirs' function.
- 5** Regularly inspect the health and condition of the Mountain Ash Gum tree at the top of the north-east embankment. This tree is of historical and horticultural significance.
- 6** Prepare a tree management plan to maintain the existing trees listed for retention.
- 7** Remove the existing timber pine log fence to part of the vehicular access road along the Elgar Road setback.
- 8** The existing concrete water storage tower is heritage listed and currently has a declared no access zone around its perimeter, for safety reasons. A structural engineering review is required to test the feasibility of allowing closer public access surrounding the tower. In the interim, fence the tower and its immediate surrounds, to restrict public access and congregation around the tower and surrounds. Construct a security fence to the east side of the water tower.
- 9** Remove environmental weeds such as *Cotoneasters*, *Pittosporums* and *Ligustrums* from the embankments and around the three specimen Douglas Firs. Monitor eradicated weed areas for regrowth and the need for further control.
- 10** Reduce the need for maintenance of the steep embankments to minimise OH&S and access issues. This can be achieved by the planting of long lived, shrub and ground cover species to the embankments and long lived tree species to only the toe of embankment slopes. Provide anchor points to the perimeter of the top embankments to provide compliant safe working conditions to embankment slopes. Set a threshold of how much weed ingress is acceptable before weeding is implemented and set priorities in eradication of specific weed species. Weed control should be implemented sensitively, to allow natural regeneration where possible.
- 11** Provide interpretive sign to the tower and to the *Eucalyptus regnans*.

RESERVOIR NO. 2
Existing covered water storage

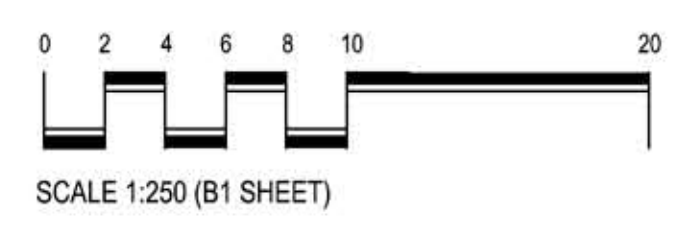
LEGEND

- Proposed medium sized to large evergreen indigenous trees
- Proposed small evergreen indigenous trees
- Proposed scattering to medium sized indigenous shrubs to embankment slope
- Proposed group of indigenous shrubs
- Existing evergreen tree to be retained
- Existing deciduous street tree to be retained
- Existing large shrub to be retained
- Proposed indigenous tufting plants
- Existing groundcovers supplemented with additional groundcover planting.
- Existing batter slope to be retained
- Existing Bluestone retaining wall to be retained
- Proposed cyclone mesh fence to 2.1 metres high with a barbed wire section on top (existing fence to Elgar Road footpath to be removed)
- Lightpole
- Proposed timber post and pipe rail fence
- Existing gravel surface to be retained
- Existing dead Eucalypt tree to be retained for habitat value
- Electricity pole
- Valve box
- Proposed grassed surface

EXISTING PLANT SPECIES TO REMAIN

TREES	
A.e.	<i>Acacia elata</i>
A.m.	<i>Acacia melanoxylon</i>
C.d.	<i>Cedrus deodora</i>
C.t.	<i>Cupressus torulosa</i>
E.b.	<i>Eucalyptus botryoides</i>
E.r.	<i>Eucalyptus regnans</i>
L.p.	<i>Lagunaria patersonii</i>
P. x. a.	<i>Platanus x acerifolia</i> (street tree)
Q.p.	<i>Quercus palustris</i> (street tree)
SHRUBS	
P.r.	<i>Photinia robusta</i>

KEY DIRECTIONS PLAN SURREY HILLS RESERVOIR NUMBER 2



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Amendments:

Print Issue: Revised Embankment Planting

Title : Key Directions Plan, Surrey Hills Reservoir Number 2

Client : Melbourne Water

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