



Reservoir Road Wetland

Site Number:	143
Ecological District:	Rotorua Lakes
Source of Information:	Field work 2016
Digital Scale:	1:5,000
Data Source:	BOPLASS Ltd 2011
Regional Council:	Bay of Plenty
1998 Site Number:	Not identified as a site in Shaw and Beadel (1998)
Current Tenure:	Unprotected
Site Area:	2.53 ha
Altitude Range:	340-360 m
Bioclimatic Zone:	Lowland
Grid Reference:	NZTM E1887838, N5768130

VEGETATION		LANDFORM	EXTENT
CODE	TYPE		
1	Mānuka/raupō-Carex virgata-toetoe shrubland Mānuka, raupō, <i>Carex virgata</i> and toetoe shrubland with scattered plants of kōhūhū, harakeke, bracken, <i>Coprosma propinqua</i> and whekī throughout. Himalayan honeysuckle is present within the wetland and wilding pines (including radiata pine, lodgepole pine (<i>Pinus contorta</i>) and maritime pine) encroach from the margins.	Wetland	0.53 ha
2	Raupō-toetoe-Carex secta-kiokio reedland Raupō dominant reedland with scattered plants of harakeke, blackberry, bracken and whekī.	Wetland	0.57 ha
3	Raupō reedland Reedland with local patches of <i>Carex geminata</i> , <i>Machaerina rubiginosa</i> and swamp kiokio. Small plants of grey willow, Himalayan honeysuckle and karamū are present. Swamp kiokio, bracken and blackberry occur throughout. There are small areas of open water with duck weed (<i>Lemna disperma</i>), <i>Eleocharis acuta</i> , and <i>Azolla pinata</i> .	Wetland	1.43 ha

Indigenous Flora:	No threatened or at risk plant species as listed in de Lange <i>et al.</i> 2013 have been recorded from this site.
Fauna:	No threatened or at risk bird species as listed in Robertson <i>et al.</i> 2013 have been recorded from this site.
Notes on Overall Condition:	This site comprises a largely indigenous dominant reedland and shrubland with minor weed issues.
Change Relative to Shaw and Beadel (1998):	Unknown, but likely to be minor.
Threats/Modification/Vulnerability:	This site is vulnerable during adjacent plantation forestry harvesting as the trees are close to the margins. Wilding pines could be removed during the next round of harvesting. Additional weeds, although present in relatively low numbers, may increase over time; particularly grey willow.
Risk Assessment:	Pest plants: Risk to site - low; Timeframe - low. Harvesting operations: Risk to site - low; Timeframe - low.
Significance Level:	Local (Appendix 8 - Table 1 - Criteria 3.1, 3.6, 3.12; Table 2 - Factor L).

Significance Justification: This wetland is of Local significance as it contains wetland habitat, a much reduced vegetation type in Rotorua Lakes Ecological District and nationally.

Field Work Required: No field work required.

Notes: None

References: None