



Wharekaunga Stream Riparian

Site Number:	597
Ecological District:	Atiamuri (2.87 ha) and Kaingaroa (5.97 ha)
Source of Information:	Based on aerial photographs and personal knowledge
Digital Scale:	1:5,000
Data Source:	WRAPS 2012
Regional Council:	Waikato
1998 Site Number:	Not identified as a site in Shaw and Beadel (1998)
Current Tenure:	Unprotected
Site Area:	8.84 ha
Altitude Range:	350-460 m
Bioclimatic Zone:	Lowland
Grid Reference:	NZTM E1898115, N5740735

VEGETATION		LANDFORM	EXTENT
CODE	TYPE		
1	Raupō reedland and (grey willow)/harakeke-swamp kiokio-toetoe-crack willow fern and flaxland A mosaic of raupō reedland and swamp kiokio with abundant harakeke and scattered grey willow. Toetoe and <i>Carex secta</i> are scattered throughout.	Wetland	Not mapped separately
2	Toetoe-harakeke tussockland and flaxland, and, radiata pine/harakeke-tī kōuka-whēkī/<i>Carex secta</i>-bracken flaxland and treefernland A mosaic of tussockland, treefernland and flaxland with karamū scattered throughout.	Gully	Not mapped separately
3	Bracken fernland with abundant ponga whēkī and swamp kiokio	Hillslope	Not mapped separately
4	Open water	Open water	Not mapped separately

Indigenous Flora: No threatened or at risk plant species as listed in de Lange *et al.* 2013 have been recorded from this site.

Fauna: No threatened or at risk bird species as listed in Robertson *et al.* 2013 have been recorded from this site.

Notes on Overall Condition: This site comprises secondary riparian vegetation alongside Wharekaunga Stream. Wetland vegetation includes raupō reedlands surrounding open water. Further up the gully toetoe and harakeke form a tussockland and flaxland. Bracken fernland and toetoe tussockland occur on gentle hillslopes surrounding the site.

Change Relative to Shaw and Beadel (1998): Unknown

Threats/Modification/Vulnerability: Pest plant species include radiata pine, grey willow, radiata pine, European oak, poplar, barberry and blackberry. Radiata pine, grey willow, and blackberry are likely to continue invading this site. This site will be vulnerable during adjacent pine plantation operations.

Risk Assessment: Pest plants: Risk to site - medium; Timeframe - low
Adjacent harvesting operations: Risk to site - low; Timeframe - low

Significance Level: Local (Appendix 7 - Table 1 - Criteria 6 and 9; Table 2 - Factor S).

Significance This relatively small site is of Local significance and includes wetland
Justification: vegetation which has been significantly reduced on a national scale. It is on the
margins of Wharekaunga Stream and is surrounded by plantation forestry.

Field Work Required: No field work required.

Notes: This large dammed gully wetland has formed following road construction
which impeded Wharekaunga Stream flow.

References: None