



Mangaharakeke Wetland

Site Number:	701
Ecological District:	Kāingaroa
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:	7.49 ha
Altitude Range:	500-510 ha
Bioclimatic Zone:	Lowland
Grid Reference:	NZTM E1903407, N5746388

VEGETATION		LANDFORM	EXTENT
CODE	TYPE		
1	Toetoe-harakeke/creeping buttercup-soft rush herbfield-rushland Toetoe and harakeke are scattered throughout a creeping buttercup and soft rush herbfield-rushland. Lotus and browntop are also present.	Wetland	Not mapped separately
2	Mānuka scrub Mānuka scrub has lotus and browntop scattered throughout.	Wetland	Not mapped separately
3	Toetoe-harakeke/Machaerina rubiginosa-Machaerina articulata sedgeland Toetoe and harakeke is scattered within a sedgeland comprising of <i>Machaerina rubiginosa</i> and <i>Machaerina articulata</i> . Lotus and browntop are also present.	Wetland	Not mapped separately
4	Open water Open water with <i>Eleocharis sphacelata</i> reedland on the margins. Mānuka scrub with abundant blackberry and occasional grey willow is also on the margins.	Open water, wetland	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: Little black shag (At Risk-Naturally Uncommon) are present at this site.

Notes on Overall Condition: A reasonably intact indigenous wetland with weeds including grey willow, blackberry, Spanish heath and gorse present on the margins.

Change Relative to Shaw and Beadel (1998): Unknown

Threats/Modification/Vulnerability: Radiata pines are planted up to the margin and occasional old logs are present within this wetland. The wetland will be vulnerable during adjacent plantation forest operations and is threatened by increased weed invasion.

Risk Assessment: Weeds: Risk to site - low; Timeframe - low.

Plantation operations: Risk to site - low; Timeframe - low.

Significance Level: Local (Appendix 7 - Table 1 - Criteria 3, 6, 9; Table 2 - Factor S).

Significance Justification: This relatively small wetland is of Local significance and comprises a representative example of typical wetland vegetation of the Kaingaroa Ecological District. It is on the margins of a tributary of the Maungaharakeke Stream, which it helps buffer from the effects of forestry activities, and is

surrounded by plantation forestry.

Field Work Required: No field work required.

Notes: This site is surrounded by Kāingaroa Forest.

References: None