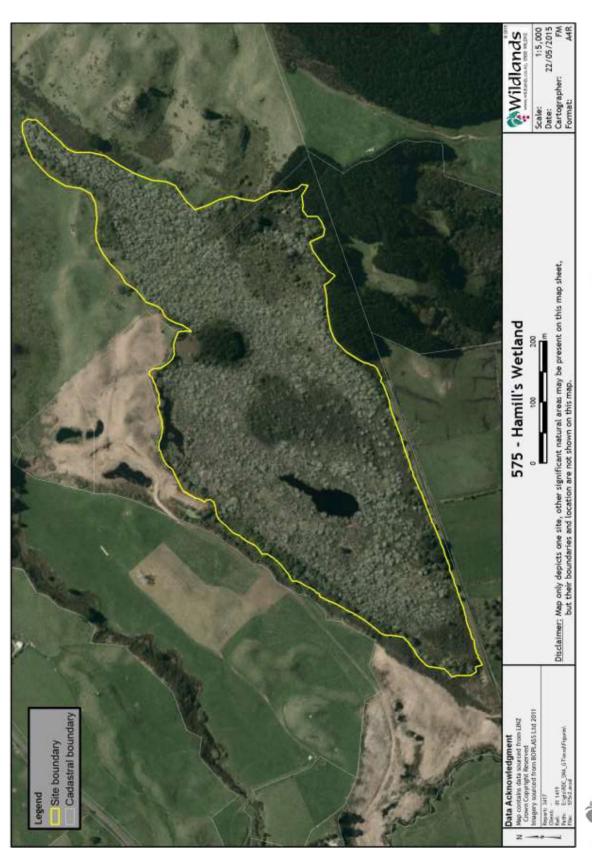
10



## Hamill's Wetland

Site Number: SNA575 Ecological District: Atiamuri

**Source of Information:** Wildland Consultants (2008b)

Digital Scale:1:5,000Data Source:WRAPS 2007Regional Council:Waikato

**1998 Site Number:** Not identified as a site in Shaw and Beadel (1998).

Current Tenure: Unprotected Site Area: 25.1 ha Altitude Range: 360-370 m Lowland

Grid Reference: NZTM E1881361, N5760573

VEGETATION		LANDEODM
CODE	ТҮРЕ	LANDFORM
1	Dead grey willow forest	Wetland
2	Tasmanian blackwood stand	Wetland
3	Harakeke flaxland	Wetland
4	Natural open water	Wetland
5	Artificial ponds	Wetland
6	Manuka shrubland	Wetland
7	(Manuka)/blackberry- <i>Machaerina rubiginosa-Gleichenia microphylla</i> -kiokio shrubland	Wetland
8	Manuka-grey willow shrubland	Wetland
9	Open water	Open water
10	Wetland vegetation (unknown type)	Wetland

Indigenous Flora: Forty-eight plant species were recorded in April 2007 (Wildland

Consultants 2008b). There is an unconfirmed record of *Ranunculus macropus* ('Data Deficient' in de Lange *et al.* 2013) from 2006, and other significant plant species such as *Spiranthes sinensis* could be present within

the wetland.

**Fauna:** Three Threatened and At Risk bird species are known from this site: grey

duck ('Threatened-Nationally Critical'), New Zealand dabchick ('Threatened-Nationally Vulnerable'), and North Island fernbird ('At Risk-

Declining') (Wildland Consultants 2008b).

Notes on Overall Much of the site was dominated by grey willow in 2007; however most of the mature willow has been controlled in recent years. Follow-up control of

the mature willow has been controlled in recent years. Follow-up control of willow saplings is required. Silver birch around the margins of the wetland should also be controlled. A single specimen of royal fern (*Osmunda regalis*) was observed and removed from the site in 2007. This is a highly

invasive species of wetland habitats in the Waikato Region.

Change Relative to

1998:

This site was not identified in Shaw and Beadel (1998).

**Threats/Modification/** Grey willow: Risk to site - high; Timeframe - high. **Vulnerability:** Royal fern: Risk to site - high; Timeframe - high.

Risk Assessment: Unknown.



**Significance Level:** Regional (Appendix 5 - Table 1 - Criteria 3, 4, 6; Table 2 - Factors L3,

M4&9.

Significance This site is of regional significance as it contains wetland habitat, a Justification:

nationally reduced habitat type. It also provides habitat for three

Threatened and At Risk indigenous bird species.

Field work Required: Yes. The larger site (which extends beyond the Rotorua District) was

> surveyed several years ago, but the information is not specific to the eastern part of the site. Biodiversity and management information is lacking. The significance level requires reassessment. At the next update, site

boundaries should be refined during a field check.

**Notes:** None.

**References:** Wildland Consultants (2008b).