

Appendix E: Wetland Record Sheets

(Template source: Clarkson *et. al.*, 2004)

Table 2: Wetland Record Sheet

Wetland name: *Railway Wetland, Otaki* Date: *08/05/12*
 Region: *Greater Wellington* GPS/Grid Ref.:
 Altitude: *20m* No. of plots sampled: *4*

Classification: I System	IA Subsystem	II Wetland Class	IIA Wetland Form
<i>Palustrine</i>	<i>Permanent</i>	<i>Swampy</i>	<i>Swamp</i>

Field team:

Indicator	Indicator components	Specify and Comment	Score 0-5 ¹	Mean score
Change in hydrological integrity	Impact of manmade structures	<i>Road & rail embankment</i>	<i>1</i>	<i>1.66</i>
	Water table depth	<i>Sustained by man-made structures</i>	<i>1</i>	
	Dryland plant invasion	<i>Eucalypts, willow, gorse</i>	<i>3</i>	
Change in physico-chemical parameters	Fire damage	<i>None</i>	<i>5</i>	<i>3.33</i>
	Degree of sedimentation/erosion	<i>Water clarity good</i>	<i>5</i>	
	Nutrient levels		<i>0</i>	
	von Post index	<i>N/A</i>	<i>N/A</i>	
Change in ecosystem intactness	Loss in area of original wetland	<i>Difficult to determine</i>	<i>3</i>	<i>2.0</i>
	Connectivity barriers	<i>Isolated, road, rail, housing</i>	<i>1</i>	
Change in browsing, predation and harvesting regimes	Damage by domestic or feral animals	<i>Potentially higher in tree part</i>	<i>3</i>	<i>3.33</i>
	Introduced predator impacts on wildlife	<i>Easy predator access.</i>	<i>2</i>	
	Harvesting levels		<i>5</i>	
Change in dominance of native plants	Introduced plant canopy cover		<i>3</i>	<i>3.0</i>
	Introduced plant understorey cover		<i>3</i>	
Total wetland condition index /25				<i>13.33</i>

¹Assign degree of modification thus: 5=v. low/ none, 4=low, 3=medium, 2=high, 1=v. high, 0=extreme

Main vegetation types:

Native fauna:

Other comments:

Pressure	Rating ²	Specify and Comment
Modifications to catchment hydrology	<i>4</i>	<i>Highly modified</i>
Water quality within the catchment	<i>5</i>	<i>High available nitrogen levels</i>
Animal access	<i>4</i>	<i>Stock grazed.</i>
Key undesirable species	<i>3</i>	<i>Easy access</i>
% catchment in introduced vegetation	<i>5</i>	<i>All</i>
Other pressures	<i>4</i>	
Total wetland pressure index /30	<i>25/30</i>	

²Assign pressure scores as follows: 5=very high, 4=high, 3=medium, 2=low, 1=very low, 0=none