

Te Hiku

Te Paki Stream Pond No. 1 NRC Lake No. 14A



Te Paki Stream Pond No. 1, 2016.

Summary	Te Paki Stream Pond No. 1
Surveyed:	2016
Overall ranking:	High-Moderate: Small pond, in a native catchment, surrounded by wetland and emergent fringe, native submerged vegetation.
Threats:	The pond is adjacent to the popular Te Paki Stream Road link to Ninety Mile Beach and potentially pest species could be introduced.
Management recommendations:	No monitoring.

Description

Te Paki Stream Pond No. 1 (1579380E, 6179545N) is a small 0.75 ha waterbody situated amongst a 1.5 ha wetland in a tributary of the Kauaeaparaoa (Te Paki) Stream. The catchment is in scrub. Access is from the Te Paki Road, off the stream.

Wetland vegetation

The pond was surrounded by *Typha orientalis*, *Eleocharis sphacelata*, *Machaerina articulata*, *M. juncea*, *M. rubiginosa*, *Apodasmia similis* and *Schoenoplectus tabernaemontani*. Other indigenous wetland species seen included *Pericaria decipiens*, *Eleocharis acuta*, *Cyperus ustulatus*, *Isolepis prolifera*, *Carex secta*, *C. maorica* and *Myriophyllum propinquum*.

Submerged vegetation

Submerged vegetation was dominated by low covers of *Nitella* sp. aff. *crinata* growing to 3.5 m, with lesser amounts of *Potamogeton cheesemani* and *Myriophyllum propinquum* and the invasive *Utricularia gibba*. Underwater visibility was c. 1.5 m.

LakeSPI

No LakeSPI score was generated.

Water birds

Pied stilt (*Himantopus himantopus*) were noted wading in shallow water.

Fish

Shortfin eels (*Anguilla australis*), inanga (*Galaxias maculatus*) and common bullies (*Gobiomorphus cotidianus*) were commonly observed.

Aquatic invertebrates

No invertebrates were noted.

Endangered species

The At-Risk Declining pied stilt (*Himantopus himantopus*) and inanga (*Galaxias maculatus*) were noted.

Lake Ecological Value

A 2016 Lake Ecological Value rating of 8 (High-Moderate) was scored due to the entire fringe of emergent and wetland species within a natural scrub catchment. Submerged vegetation was limited.

Threats

The pond is adjacent to the popular Te Paki Stream Road link to Ninety Mile Beach and potentially pest species could be introduced.

Management recommendations

No monitoring.