

**Institute of Veterinary, Animal and Biomedical Sciences
Massey University**

PATHOLOGY REPORT

Status: Final
Date: 09/02/2008
Type: Mortality

<p>Submitter</p> <p style="text-align: center;">Department of Conservation</p>	<p>Submission Details</p> <p>Lab. Case/Spec ID: 42768</p> <p>Date Submitted:</p> <p>Date Received: 14/01/2009</p> <p>Previous Case ID:</p> <p>WMD Case/Spec ID: 4727/1</p>
<p>Animal Details</p> <p>Animal Name: W09-02Ch Species: <i>Cephalorhynchus hectori hectori</i> Common Name: Hector's Dolphin Sex Class: Male Age Class: Adult Date Died:</p>	<p>Epidemiology</p> <p>Number Dead: 1 Number at Risk: Number Sick: Number Submitted: 1</p>

Growth and Development

Parameter	Result Description	Value	Date Measured	Age Group
Depth of Tail Notch		m	27/01/2009	Adult
Dorsal Blubber Depth		mm	27/01/2009	Adult
Eye to Blowhole Length		m	27/01/2009	Adult
Eye to Corner of Mouth Length		m	27/01/2009	Adult
Girth at Anus		m	27/01/2009	Adult
Girth at Eye		m	27/01/2009	Adult
Girth at Flippers		m	27/01/2009	Adult
Girth at Navel		m	27/01/2009	Adult
Height of Dorsal Fin		.071 m	27/01/2009	Adult
Lateral Blubber Depth		mm	27/01/2009	Adult
Length of Base of Dorsal Fin		.177 m	27/01/2009	Adult
Length of Flipper		m	27/01/2009	Adult
Length of Flukes		m	27/01/2009	Adult
Snout to Anus Length		m	27/01/2009	Adult
Snout to Corner of Mouth Length		m	27/01/2009	Adult
Snout to Origin of Dorsal Fin Length		m	27/01/2009	Adult
Snout to Origin of Flipper Length		m	27/01/2009	Adult

Standard Length	1.214 m	27/01/2009	Adult
Ventral Blubber Depth	mm	27/01/2009	Adult
Width of Flipper	m	27/01/2009	Adult
Width of Flukes	m	27/01/2009	Adult
Weight	kg	27/01/2009	Adult

DIAGNOSIS

Open - too autolysed

ANIMAL HISTORY

Email from Mahaanui Area Office on 21/12/08 with location. On 22/12/08 Craig Alexander and Robin Smith located dolphin on beach south of Leihfield settlement. Animal very decomposed.

GROSS PATHOLOGY

The carcass consists mainly of skin surrounding bones, many of which have become completely detached from soft tissue. There is extensive epidermal sloughing, most teeth have fallen out of sockets, no internal organs or brain tissue remain.