

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

PATHOLOGY REPORT

Status: Final

Date:

Type: Mortality

Submitter	Submission Details
	Lab. Case/Spec ID: 44853 Submitter's Ref: H194 Date Submitted: Date Received: Previous Case ID: WMD Case/Spec ID: 5034/1
Animal Details	Epidemiology
Animal ID: H194 Animal Name: W10-02Ch Species: <i>Cephalorhynchus hectori hectori</i> Common Name: Hector's Dolphin Sex Class: Unknown Age Class: Neonate Date Died:	Number Dead: 1 Number at Risk: Number Sick: Number Submitted: 1

Growth and Development

Parameter	Result Description	Value	Date Measured	Age Group
Depth of Tail Notch		.016 m	11/05/2010	
Dorsal Blubber Depth		mm	11/05/2010	
Eye to Blowhole Length		.018 m	11/05/2010	
Eye to Corner of Mouth Length		.015 m	11/05/2010	
Girth at Anus		m	11/05/2010	
Girth at Eye		m	11/05/2010	
Girth at Flippers		m	11/05/2010	
Girth at Navel		m	11/05/2010	
Height of Dorsal Fin		.065 m	11/05/2010	
Lateral Blubber Depth		mm	11/05/2010	
Length of Base of Dorsal Fin		.11 m	11/05/2010	
Length of Flipper		.125 m	11/05/2010	
Length of Flukes		.065 m	11/05/2010	
Snout to Anus Length		.53 m	11/05/2010	
Snout to Corner of Mouth Length		.11 m	11/05/2010	
Snout to Genital Slit Length		.465 m	11/05/2010	
Snout to Origin of Dorsal Fin Length		.35 m	11/05/2010	
Snout to Origin of Flipper Length		.22 m	11/05/2010	

Total Length	.705 m	11/05/2010
Ventral Blubber Depth	mm	11/05/2010
Width of Flipper	.055 m	11/05/2010
Width of Flukes	.17 m	11/05/2010
Weight	kg	11/05/2010

DIAGNOSIS

1. Undetermined - Due to Autolysis

GROSS PATHOLOGY

The animal was severely decomposed and had been frozen. There were multiple teeth rake marks along the caudo-lateral parts of the body, but no signs of severe trauma or scavenging. Advanced decomposition made several of the parameters such as weight and blubber depths invalid.

Pathologist: