



BC Centre for Aquatic Health Sciences

an ISO/IEC 17025:2017 Accredited Laboratory*

Zooplankton Report

BC CAHS #T0271

Report submitted by

Elan Downey

**BC Centre for Aquatic Health Sciences
871A Island Highway
Campbell River, BC
V9W 2C2**

DATE

July 29, 2020

Report submitted to:

**Matt Whelan, Nori Okamoto
Hakai Institute**



CALA
Testing
Accreditation No. **A4144**

BC CAHS is ISO/IEC 17025:2017 accredited to screen for:
Infectious Hematopoietic Necrosis virus
Infectious Salmon Anemia virus
Viral Hemorrhagic Septicemia virus
Piscine Orthoreovirus

Zooplankton Report



Company	Hakai Institute	CAHS submission #	T0271
Attention	Nori	Assay Location	BC CAHS
Purchase Order		CAHS assay #	
Client case #		CAHS receipt date	July 17, 2020
Sampling date		Report Date	July 29, 2020
Sampling location	Quadra Island	CAHS Technician	Elan Downey
Sample submitter	Matt Whelan, Nori Okamoto	Report approval	Elan Downey
# of samples	9		

Zooplankton Totals number /sample		QPK2071 Split 3 times*	QPK2073 Split 3 times*	QPK2074	QPK2075	QPK2076	QPK2077	QPK2078	QPK2079	QPK2084
Annelids:	Trocophore larvae	24	16	6	1	0	0	0	0	14
	Polychaeta- adult	0	0	0	0	0	0	0	2	1
Bryozoan	Cyphonaute	0	0	26	4	2	0	0	10	98
Echinoderms-larvae	Bipinnaria	0	16	6	7	0	0	0	0	3
	Ophiopluteus	0	0	0	0	0	0	0	1	5
Nemertea		0	0	0	0	0	0	0	0	0
Phoronidea		0	0	0	0	0	0	0	0	0
Chaetognatha		0	0	0	0	0	0	0	0	0
Arthropods										
Crustacea	Branchiopoda									
	Bosminidae	160	144	36	73	1	0	0	7	72
	Podonidae									
	Podon	752	1472	287	348	100	38	55	113	165
	Evadne	3568	1704	476	589	125	18	12	301	6
	Ostracoda	32	88	23	22	0	0	3	2	8
	Malacostraca									
	Mysidacea	8	32	1	0	11	0	1	2	1
	Stomatopoda	0	0	0	0	0	0	0	0	0
	Amphipoda			1	0	7	2	0	5	1
	Decapoda	48	0	1	0	37	8	2	2	3
	Euphausiacea	0	0	0	0	0	0	0	8	0
	Cirripedia Larvae	1728	1368	154	70	11	26	78	227	29
	Copepoda									
	Calanoida	640	408	67	75	164	79	69	443	629
	Cyclopoida	0	0	0	0	0	2	0	0	0
	Harpacticoida	0	0	0	0	0	0	0	1	0
	Poecilotomatoida	16	8	3	4	0	4	4	7	16
Urochordata	Larvacea	1728	1744	372	76	14	20	33	183	23
	Pteropod	0	0	0	0	0	0	0	1	0
Protista		0	0	0	0	0	0	0	0	0
Mollusca	Gastropoda	184	328	192	67	15	7	16	5	208
	Littorina egg cases	32	160	8	4	2	1	29	2	3
	Bivalvia	0	0	46	5	4	0	4	90	13
Ctenophora		0	0	5	3		4	1	0	27
Chordata	eggs	0	0	15	8	10	15	10	20	9
	Larvae	0	0	1	0	0	0	0		0
Cnidaria	Hydrozoan	56	32	62	14	2	5	7	8	34
	Siphonophora	0	0	0	0	0	0	0	0	0
	Scyphozoa	0	0	0	0	0	0	0	0	0
Annelid	Trocophore larvae	24	16	5	3	0	0	0	0	12
Euphausiid	larvae	0	24	0	0	0	0	0	7	2
Insecta		0	0	0	0	0	0	0	1	0
Unidentified										

*: sample was split 3 times, counted and final count multiplied by 8.