

NATIONAL DIOXIN SAMPLING PROGRAM BRITISH COLUMBIA - COASTAL PULP MILLS  
DIBENZODIOXIN/DIBENZOFURAN RESULTS FOR FISH AND SHELLFISH (ppt Wet Wt.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
LAB NO.	SPECIES/SITE	SAMPLE TYPE	% LIPID	2378 T4CDD	T4CDD TOTAL	12378 P5CDD	P5CDD TOTAL	123478 H6CDD	H6CDD TOTAL	1234678 H7CDD	H7CDD TOTAL	08CDD TOTAL	2378 T4CDF	T4CDF TOTAL	12378 P5CDF	P5CDF TOTAL	23478 P5CDF	P5CDF TOTAL	234678 H6CDF	H6CDF TOTAL	1234678 H7CDF	H7CDF TOTAL	08CDF TOTAL
TCDD 359	Dungeness Crab Off Pulp Mill Docks Powell River B.C.	Muscle Tissue	1.31	N.D.	N.D.	N.D.	N.D.	-	9.3	-	N.D.	N.D.	220	240	N.D.	N.D.	N.D.	-	N.D.	-	-	-	-
TCDD 361	Dungeness Crab Off Pulp Mill Docks Powell River B.C.	Hepatopancreas	1.43	N.D.	N.D.	N.D.	1.6	-	12	-	N.D.	N.D.	170	190	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	N.D.
TCDD 378	Chinook Salmon 1km S of Outfall Powell River B.C.	Fillet	4.31	2.2	-	2.4	2.4	-	2.5	-	9.4	20	62	62	-	1.3	1.3	-	N.D.	-	14	16	
TCDD 344	Prawns 6km d/s of Outfall Port Alberni B.C.	Muscle Tissue	2.07	N.D.	N.D.	N.D.	N.D.	-	10	-	N.D.	N.D.	2	2	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	N.D.
TCDD 367	Dungeness Crab Cous Creek 6km d/s Port Alberni B.C.	Muscle Tissue	0.77	N.D.	N.D.	N.D.	N.D.	-	3.8	-	N.D.	N.D.	2.0	2.0	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	N.D.
TCDD 368	Dungeness Crab Cous Creek 6km d/s Port Alberni B.C.	Hepatopancreas	2.02	N.D.	N.D.	N.D.	N.D.	-	62	-	N.D.	N.D.	6.6	6.6	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	N.D.
TCDD 369	Rat Fish 1km d/s Outfall Port Alberni B.C.	Fillet	3.78	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	N.D.

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LAB NO.	SPECIES/SITE	SAMPLE TYPE	% LIPID	2378 T4CDD	T4CDD TOTAL	12378 P5CDD	P5CDD TOTAL	123478 H6CDD	H6CDD TOTAL	1234678 H7CDD	H7CDD TOTAL	08CDD TOTAL	2378 T4CDF	T4CDF TOTAL	12378 P5CDF	P5CDF TOTAL	234678 H6CDF	H6CDF TOTAL	1234678 H7CDF	H7CDF TOTAL	08CDF TOTAL	
TCDD 306	Coho Salmon Mouth of Gold River Gold River B.C.	Fillet	2.15	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	3.2	3.2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
TCDD 364	Prawn Mouth of Gold River Gold River B.C.	Muscle Tissue	1.74	N.D.	N.D.	N.D.	0.8	-	N.D.	-	N.D.	N.D.	350	420	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.
TCDD 365	Yellow Eye Rockfish S.E. Off Victor Is. Gold River B.C.	Fillet	0.73	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	12	12	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.

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TCDD 366	Canary Rockfish Mouth of Gold River Gold River B.C.	Fillet	2.12	2.7	2.7	N.D.	N.D.	-	45	-	N.D.	N.D.	10	10	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	
TCDD 357	Dungeness Crab Vicinity of Outfall Ocean Falls B.C.	Muscle Tissue	1.7	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	
TCDD 358	Dungeness Crab Vicinity of Outfall Ocean Falls B.C.	Hepatopancreas	4.83	N.D.	N.D.	N.D.	N.D.	-	17	-	2	N.D.	12	15	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	
TCDD 341	Quillback Rockfish Outfall Elk Falls	Fillet	0.85	N.D.	N.D.	N.D.	N.D.	-	20.0	-	13.0	8.8	9.9	9.9	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	
TCDD 342	Dogfish Outfall Elk Falls B.C.	Fillet	10.0	1.0	1.0	3.6	3.6	-	22.0	-	1.4	N.D.	20.0	20.0	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	
TCDD 362	Dungeness Crab 2km South of Outfall Elk Falls B.C.	Muscle Tissue	1.02	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	23	24	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	
TCDD 363	Dungeness Crab 2km South of Outfall Elk Falls B.C.	Hepatopancreas	4.85	N.D.	N.D.	43	43	-	390	-	N.D.	N.D.	330	360	N.D.	3.0	3.0	-	N.D.	-	N.D.	N.D.	

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TCDD 282B	Chinook Salmon Five Finger Isl to Neck Pt. Georgia St.	Fillet	6.46	N.D.	N.D.	N.D.	N.D.	-	4.2	-	N.D.	N.D.	47	47	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.
TCDD 383	Dungeness Crab Cowichan Bay Cowichan Bay B.C.	Muscle Tissue	1.64	1.3	1.3	N.D.	N.D.	-	10.0	-	N.D.	13	6.7	11	-	N.D.	N.D.	-	N.D.	-	N.D.	N.D.
TCDD 384	Dungeness Crab Cowichan Bay Cowichan Bay B.C.	Hepatopancreas	9.63	12	12	15	35	-	190	-	29	N.D.	161	221	-	N.D.	N.D.	-	N.D.	-	N.D.	N.D.
TCDD 348	Shrimp 750 m N u/s Prince Rupert B.C.	Muscle	1.99	26	26	9.7	9.7	-	89	-	N.D.	N.D.	670	710	N.D.	N.D.	0.44	-	N.D.	-	2.5	N.D.
TCDD 349	Shrimp 750 m S d/s Prince Rupert	Muscle	1.31	20	20	N.D.	N.D.	-	71	-	N.D.	N.D.	540	580	N.D.	N.D.	N.D.	-	N.D.	-	1.2	N.D.
TCDD 351	English Sole 750 m N u/s Prince Rupert B.C.	Fillet	1.13	N.D.	N.D.	N.D.	N.D.	-	5.1	-	N.D.	N.D.	22	22	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.
TCDD 352	English Sole 750 m S d/s Prince Rupert B.C.	Fillet	1.16	0.6	0.6	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	15	15	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.

d/s = Downstream    u/s = Upstream    - = Not analyzed    N/A = Not available    N.S. = Non detectable    \* = Previously evaluated

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TCDD 379	Coho Salmon Robertson Creek Port Alberni B.C.	Fillet	2.06	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	4.5	17.0	1.3	1.3	-	N.D.	N.D.	-	N.D.	-	5.7	12
TCDD 345	Dungeness Crab Thurburn Bay d/s Port Alice B.C.	Muscle Tissue	1.35	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	0.56	0.56	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.
TCDD 346	Dungeness Crab Thurburn Bay d/s Port Alice B.C.	Hepatopancreas	6.27	N.D.	N.D.	N.D.	N.D.	-	1.9	-	N.D.	N.D.	5.3	7.2	N.D.	N.D.	N.D.	-	2	-	5.9	N.D.
TCDD 371	Prawn Frigon Is. 4.5km d/s Port Alice B.C.	Muscle Tissue	2.33	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.
TCDD 372	Kelp Greenlings Frigon Is. 4.5km d/s Port Alice B.C.	Fillet	0.87	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.
TCDD 304	Dungeness Crab & Redrock Crab, Mouth of Gold River Gold River B.C.	Muscle Tissue	1.11	5.4	5.4	7.8	17.0	20.0	68.0	N.D.	N.D.	N.D.	260	420	3.1	5.3	8.4	N.D.	N.D.	N.D.	N.D.	N.D.
TCDD 305	Dungeness Crab & Redrock Crab, Mouth of Gold River Gold River B.C.	Hepatopancreas	4.27	58	80	N.D.	89	280	890	15	25	N.D.	3000	4400	40	64	104	N.D.	N.D.	6.2	6.2	33

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TCDD 385	Chinook Salmon Quinsam River Elk Falls B.C.	Fillet	2.4	N.D.	N.D.	N.D.	N.D.	-	1.1	-	2.9	31.0	7.4	7.4	-	N.D.	N.D.	-	N.D.	-	N.D.	N.D.
TCDD 386	Coho Salmon Quinsam River Elk Falls B.C.	Fillet	1.79	N.D.	N.D.	N.D.	N.D.	-	1.2	-	N.D.	1.6	6.9	6.9	-	N.D.	N.D.	-	N.D.	-	N.D.	N.D.
TCDD 387	Pink Salmon Quinsam River Elk Falls B.C.	Fillet	1.22	1.3	1.3	N.D.	N.D.	-	5.2	-	N.D.	5.1	31	31	-	N.D.	N.D.	-	N.D.	-	N.D.	N.D.
TCDD 388	Butter Clams Gowlland Harbour Elk Falls B.C.	Soft Tissue	2.34	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	26	2.3	4.1	-	N.D.	N.D.	-	N.D.	-	N.D.	N.D.
TCDD 381	Pacific Herring Harmac Outfall Harmac B.C.	Fillet	6.13	N.D.	N.D.	N.D.	N.D.	-	6.0	-	N.D.	N.D.	16	16	-	N.D.	N.D.	-	N.D.	-	N.D.	N.D.
TCDD 382	Pacific Herring Harmac Outfall Harmac B.C.	Roe	3.2	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	5.1	6.8	-	3.4	3.4	-	N.D.	-	N.D.	N.D.
*	Dungeness Crab East of Mill Dock Harmac, B.C.	Hepatopancreas	11.9	16	21	23	61	N.D.	471	17	29	5	353	420	3	4	20	N.D.	33	8	14	N.D.

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TCDD 356*	Shrimp Morse Basin (Millar Bay) Prince Rupert B.C.	Muscle	1.9	N.D.	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.	28	29	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.
TDCC 403	Chinook Salmon Morse Basin Prince Rupert B.C.	Whole Fish	13.75	1.0	1.0	2.4	2.4	-	3.1	-	N.D.	N.D.	75	75	N.D.	N.D.	N.D.	-	N.D.	-	N.D.	N.D.