

Analyte	Copco1 Reservoir - Sediment - Dioxins, Furans, PBDEs, and PCB Congeners	
	Sampling Sites	
	CDH-S-014 (0.0-5.3)	CDH-S-015A (0.0-9.7)
Organics		
Polychlorinated Dioxins and Furans (pg/g dry weight, Method 8290A)		
2,3,7,8-TCDD	<0.17	<0.25
2,3,7,8-TCDF	1.2	0.99
1,2,3,7,8-PECDD	1.2 J	1.4 J
1,2,3,7,8-PECDF	0.84 J	<0.47 J
2,3,4,7,8-PECDF	1.9 J	1.8 J
1,2,3,4,7,8-HXCDD	1.7 J	1.9 J
1,2,3,6,7,8-HXCDD	8.8	9.8
1,2,3,7,8,9-HXCDD	4.3	4.2
1,2,3,6,7,8-HXCDF	5.5	3.5
1,2,3,7,8,9-HXCDF	1.0 J	<0.43
1,2,3,4,7,8-HXCDF	2.3	2.8
2,3,4,6,7,8-HXCDF	3.7	3.2
1,2,3,4,6,7,8-HPCDD	190	180
1,2,3,4,6,7,8-HPCDF	89	96
1,2,3,4,7,8,9-HPCDF	<2.9	<3.6
OCDD	1,500	1,200
OCDF	170	180
TOTAL HPCDD	390	330
TOTAL HPCDF	210	220
TOTAL HXCDD	73	70
TOTAL HXCDF	78	84
TOTAL PECDD	5.5	6 V
TOTAL PECDF	31	31
TOTAL TCDD	2.2	2.7
TOTAL TCDF	11	6.8
Organics		
PBDEs (pg/g dry weight, Method 1614 unless otherwise noted)		
BDE-10	<0.83	<1.1
BDE-100	14	29
BDE-105	<4.3	<5.2
BDE-116	<5.2	<6.3
BDE-118	<3.7	<4.4
BDE-119/BDE-120	<3.4	<4.1
BDE-12/BDE-13	<0.46	<0.60
BDE-126	<2.9	<3.0
BDE-128	<16	<21
BDE-138/BDE-166	<12	<16
BDE-140	<6.3	<8.3
BDE-15	<1.4 J	<1.7 J
BDE-153	<7.2	<9.9
BDE-154	<4.3	<5.9
BDE-155	<3.7	<4.9
BDE-17/BDE-25	<7.0	18
BDE-181	<21	<23
BDE-183	<11	<11
BDE-190	<35	<38
BDE-203	<48	<28
BDE-206	<29	<37
BDE-207	<28	<36
BDE-208	<30 L	<39 L
BDE-209	140	190
BDE-28/BDE-33	5.2	<2.0
BDE-30	<1.4	<2.5
BDE-32	<1.0	<1.7
BDE-35	<0.87	<1.5
BDE-37	<0.86	<1.5
BDE-47	47	100
BDE-49	20	62
BDE-51	<4.6	<8.2
BDE-66	<1.5	<1.9
BDE-7	22	<0.91
BDE-71	<1.3	<1.6
BDE-75	<1.1	<1.4
BDE-77	<1.0	<1.3
BDE-79	<0.89	<1.2
BDE-8/BDE-11	<0.92 J	<2.9
BDE-85	<3.9	<4.7
BDE-99	34	110
DBDPE (Method 1614 Mod)	<150	<180
HBB (Method 1614 Mod)	<6.9	<4.7
PBEB (Method 1614 Mod)	<1.7	<2.3
Organics		
PCBs (pg/g dry weight, Method 1668A)		
PCB Congener 1	20 H, T	12 H, T
PCB Congener 100	<1.4 T	<0.93 T
PCB Congener 101/113/89	470 T	370 T
PCB Congener 104	<0.86 T	<0.61 T
PCB Congener 105/127	200 T	160 T
PCB Congener 108/83	27 T	18 T
PCB Congener 109/107	60 T	43 T
PCB Congener 11	170 H, T	130 H, T
PCB Congener 110	650 T	420 T
PCB Congener 112	<3.9 T	<1.9 T
PCB Congener 114	<10 T	<2.2 T
PCB Congener 115/116/87	200 T	140 T
PCB Congener 117/111	11 T	9.3 T
PCB Congener 118/106	580 T	460 T
PCB Congener 119	13 T	11 T
PCB Congener 12/13	<22 T	16 T
PCB Congener 122	<3.9 T	<2.2 T
PCB Congener 123	8.8 T	8.2 T
PCB Congener 124	<14 T	<10 T
PCB Congener 126	<4.5 T	<3.0 T
PCB Congener 128	180 T	110 T
PCB Congener 129	30 T	28 T

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	CDH-S-014 (0.0-5.3)	CDH-S-015A (0.0-9.7)
PCB Congener 130	48 T	<38 T
PCB Congener 132	310 T	<0.97 V, T
PCB Congener 133/165/131	9.8 T	7.9 T
PCB Congener 134	44 T	29 T
PCB Congener 135	84 T	<61 T
PCB Congener 136/154	110 T	74 T
PCB Congener 137	38 T	<24 T
PCB Congener 138/160	550 T	450 T
PCB Congener 139/149	580 T	430 T
PCB Congener 14	<21 T	<7.4 T
PCB Congener 140	<2.8 T	<0.89 T
PCB Congener 141	130 T	100 T
PCB Congener 142	<11 T	<0.91 T
PCB Congener 143	<2.7 T	<0.86 T
PCB Congener 144	26 T	<0.84 T
PCB Congener 145/148	<0.85 T	<0.84 T
PCB Congener 147	18 T	<8.0 T
PCB Congener 15	99 H, T	75 H, T
PCB Congener 150	<0.77 T	<0.75 T
PCB Congener 151	130 T	<98 T
PCB Congener 152	<0.72 T	<0.70 T
PCB Congener 155	<1.9 T	<0.40 T
PCB Congener 156	65 T	55 T
PCB Congener 157	14 T	12 T
PCB Congener 158	71 T	51 T
PCB Congener 159	<2.0 T	<0.63 T
PCB Congener 16/32	69 H, T	56 H, T
PCB Congener 161/146	83 T	78 T
PCB Congener 162	3.2 T, J	<0.71 T
PCB Congener 164/163	200 T	160 T
PCB Congener 166	<10 T	<0.64 T
PCB Congener 167	22 T	20 T
PCB Congener 168/153	580 T	530 T
PCB Congener 169	<2.1 T	<1.7 T
PCB Congener 17	38 H, T	37 H, T
PCB Congener 170/190	180 T	140 T
PCB Congener 171	<48 T	38 T
PCB Congener 173	3.7 T, J	4.0 T, J
PCB Congener 174	250 T	180 T
PCB Congener 175	9.4 T	<7.4 T
PCB Congener 176	<24 T	19 T
PCB Congener 177	130 T	90 T
PCB Congener 178	<45 T	<38 T
PCB Congener 179	94 T	<69 T
PCB Congener 18	110 H, T	99 H, T
PCB Congener 181	<3.0 T	<1.3 T
PCB Congener 182/187	330 T	280 T
PCB Congener 183	<92 T	100 T
PCB Congener 184	<1.5 T	<1.1 T
PCB Congener 185	29 T	21 T
PCB Congener 186	<1.6 T	<1.2 T
PCB Congener 188	<1.7 T	<1.4 T
PCB Congener 189	<8.1 T	<4.8 T, J
PCB Congener 19	10 T	<5.3 T
PCB Congener 191	<4.8 T, J	5.5 T
PCB Congener 192/172	29 T	25 T
PCB Congener 193/180	410 T	360 T
PCB Congener 194	120 T	110 T
PCB Congener 195	46 T	39 T
PCB Congener 196/203	190 T	180 T
PCB Congener 197	<4.4 T, J	7.3 T
PCB Congener 198	<8.4 T	<8.7 T
PCB Congener 199	220 T	220 T
PCB Congener 2	25 T	24 T
PCB Congener 20/33/21	140 H, T	100 H, T
PCB Congener 200	23 T	<14 T
PCB Congener 201	<28 T	28 T
PCB Congener 202	<41 T	50 T
PCB Congener 204	<2.0 T	<0.91 T
PCB Congener 205	<7.0 T	7.4 T
PCB Congener 206	210 T	230 T
PCB Congener 207	<29 T	28 T
PCB Congener 208	<85 T	93 T
PCB Congener 209	250 T	330 T
PCB Congener 22	86 H, T	67 H, T
PCB Congener 25	11 H, T	13 H, T
PCB Congener 26	25 H, T	25 H, T
PCB Congener 27/24	<7.6 T	8.0 H, T
PCB Congener 29	<4.4 T	<11 T
PCB Congener 3	39 T	31 T
PCB Congener 30	<1.1 T	<0.99 T
PCB Congener 31/28	390 H, T	380 H, T
PCB Congener 34/23	<4.5 T	<11 T
PCB Congener 35	12 H, T	<9.9 T
PCB Congener 36	<4.0 T	<9.6 T
PCB Congener 37	110 H, T	78 H, T
PCB Congener 38	<3.9 T	<9.5 T
PCB Congener 39	7.2 T	<9.0 T
PCB Congener 4/10	48 H, T	<13 T
PCB Congener 40/57	29 T	16 H, T
PCB Congener 41	<1.0 T	<0.74 T
PCB Congener 42	70 T	44 H, T
PCB Congener 43	<1.7 T	<1.2 T
PCB Congener 44	200 T	130 H, T
PCB Congener 45	23 H, T	15 H, T
PCB Congener 46/69/73	9.0 T	<4.4 T, J
PCB Congener 48/47/75	83 H, T	62 H, T

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	Sampling Sites	
	CDH-S-014 (0.0-5.3)	CDH-S-015A (0.0-9.7)
PCB Congener 49	150 T	120 T
PCB Congener 50	<1.4 T	<0.98 T
PCB Congener 51	7.6 T	4.8 T, J
PCB Congener 52	260 T	210 T
PCB Congener 53	19 H, T	14 H, T
PCB Congener 54	<1.0 T	<0.74 T
PCB Congener 55	5.0 H, T, J	<0.84 T
PCB Congener 56	100 T	89 T
PCB Congener 58	<1.2 T	1.3 T, J
PCB Congener 59	<1.2 T	<0.82 T
PCB Congener 6	<22 T	<9.1 T
PCB Congener 60	56 H, T	31 H, T
PCB Congener 62	<1.2 T	<0.85 T
PCB Congener 63	11 T	<7.6 T
PCB Congener 65	<1.1 T	<0.81 T
PCB Congener 66/80	250 T	190 T
PCB Congener 67	<7.7 T	5.8 H, T
PCB Congener 71	54 T	31 H, T
PCB Congener 72/64/68	130 T	86 H, T
PCB Congener 74/61	130 T	110 T
PCB Congener 76/70	340 T	280 T
PCB Congener 77	41 T	29 T
PCB Congener 78	5.8 T	<0.84 T
PCB Congener 79	<1.1 T	1.1 V, T, J
PCB Congener 8/5	92 H, T	54 H, T
PCB Congener 81	<1.3 T	<0.93 T
PCB Congener 82	83 T	50 T
PCB Congener 84/90	170 T	110 T
PCB Congener 85/120	86 T	59 T
PCB Congener 86/97/125	160 T	120 T
PCB Congener 88	<1.5 T	<1.0 T
PCB Congener 9/7	<22 T	<7.6 T
PCB Congener 91	65 T	47 T
PCB Congener 92	95 T	78 T
PCB Congener 94	<1.7 T	<1.2 T, J
PCB Congener 95/93/121	340 T	230 T
PCB Congener 96/103	<7.5 T	4.8 T, J
PCB Congener 98/102	<10 T	<8.1 T
PCB Congener 99	250 T	200 T

Qualifiers:

- V: result may vary excessively from the true value
- H: result may have a high bias
- L: result may have a low bias
- T: result obtained past the holding time
- U: result determined to be an outlier at the time of data validation
- J: result is between the reporting limit and lowest calibration level
- : no data
- <: not detected at reporting limit shown

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