

Analyte	Iron Gate Reservoir - Sediment - Dioxins, Furans, PBDEs, and PCB Congeners		
	Sampling Sites		
	CDH-S-029(0.0-4.8)	CDH-S-031(0.0-4.8)	CDH-S-046(0.0-2.5)
Organics			
Polychlorinated Dioxins and Furans (pg/g dry weight, Method 8290A)			
2,3,7,8-TCDD	<0.18	<0.17	<0.21 T
2,3,7,8-TCDF	<0.72	0.68	0.68 T
1,2,3,7,8-PECDD	0.68 J	0.62 J	0.82 T, J
1,2,3,7,8-PECDF	0.44 J	<0.34 J	0.52 T, J
2,3,4,7,8-PECDF	0.74 J	<0.72 J	<0.71 T, J
1,2,3,4,7,8-HXCDD	<0.78 J	1.1 J	<1.2 T, J
1,2,3,6,7,8-HXCDD	3.5	3.4	3.5 T
1,2,3,7,8,9-HXCDD	2.0 J	2.0	2.5 T
1,2,3,6,7,8-HXCDF	1.2 J	1.3 J	1.4 T, J
1,2,3,7,8,9-HXCDF	<0.30 J	<0.22	<0.81 T, J
1,2,3,4,7,8-HXCDF	<0.96 J	1.2 J	<1.1 T, J
2,3,4,6,7,8-HXCDF	1.2 J	1.2 J	1.4 T, J
1,2,3,4,6,7,8-HPCDD	70	74	62 T
1,2,3,4,6,7,8-HPCDF	22	24	18 T
1,2,3,4,7,8,9-HPCDF	<1.1 J	<0.74 J	2.0 T
OCDD	470	530	430 T
OCDF	49	55	44 T
TOTAL HPCDD	140	150	130 T
TOTAL HPCDF	53	58	45 T
TOTAL HXCDD	32 H	31 H	27 T, H
TOTAL HXCDF	23	24	18 T
TOTAL PECDD	2.0	4.9 V	3.8 T
TOTAL PECDF	5.5	8.5	3.9 T
TOTAL TCDD	0.83	<0.17	0.39 T
TOTAL TCDF	6.5	4.9	3.4 T
Organics			
PBDEs (pg/g dry weight, Method 1614 unless otherwise noted)			
BDE-10	<0.28	<0.28	-
BDE-100	18	22	-
BDE-105	<1.4	<1.3	-
BDE-116	<1.7	<1.6	-
BDE-118	<1.2	<1.1	-
BDE-119/BDE-120	<1.1	<1.1	-
BDE-12/BDE-13	<0.48 J	<0.15	-
BDE-126	<0.72	<0.78	-
BDE-128	<5.0	<6.7	-
BDE-138/BDE-166	<4.0	<5.4	-
BDE-140	<2.0	<2.7	-
BDE-15	<1.1 J	<0.13	-
BDE-153	<2.1	<3.1	-
BDE-154	8.4	<8.8	-
BDE-155	<1.2	<1.6	-
BDE-17/BDE-25	11	12	-
BDE-181	<7.7	<7.2	-
BDE-183	<3.9	<3.6	-
BDE-190	<13	<12	-
BDE-203	<16	<6.2	-
BDE-206	<11	<15	-
BDE-207	<11	<14	-
BDE-208	<12 L	<15 L	-
BDE-209	84	220	-
BDE-28/BDE-33	4.6	23	-
BDE-30	<0.62	<1.1	-
BDE-32	<1.2 J	<0.82	-
BDE-35	<2.4	<0.69	-
BDE-37	<0.37	<0.68	-
BDE-47	62	74	-
BDE-49	52	46	-
BDE-51	<0.57	<4.5	-
BDE-66	<1.0	<0.51	-
BDE-7	<4.7	<1.8 J	-
BDE-71	<0.85	<0.43	-
BDE-75	<0.72	<0.37	-
BDE-77	<0.84	<0.32	-
BDE-79	<0.60	<0.30	-
BDE-8/BDE-11	2.2	<0.19	-
BDE-85	<1.3	<1.2	-
BDE-99	43	62	-
DBDPE (Method 1614 Mod)	<47	<47	-
HBB (Method 1614 Mod)	<3.9	11	-
PBEB (Method 1614 Mod)	<1.1	<0.80	-
Organics			
PCBs (pg/g dry weight, Method 1668A)			
PCB Congener 1	12 H, T	11 H, T	6.8 H, T
PCB Congener 100	<1.4 T	<1.5 T, J	<1.3 T, J
PCB Congener 101/113/89	350 T	320 T	240 T
PCB Congener 104	<0.85 T	<0.56 T	<1.1 T, J
PCB Congener 105/127	110 T	110 T	72 T
PCB Congener 108/83	19 T	17 T	10 T
PCB Congener 109/107	53 T	45 T	34 T
PCB Congener 11	130 H, T	150 H, T	130 H, T
PCB Congener 110	440 T	380 T	230 T
PCB Congener 112	<2.6 T	<2.2 T	<1.3 T
PCB Congener 114	<7.0 T	<6.9 T	<1.7 T
PCB Congener 115/116/87	130 T	110 T	66 T
PCB Congener 117/111	7.7 T	8.5 T	4.9 T
PCB Congener 118/106	340 T	340 T	220 T
PCB Congener 119	12 T	12 T	9.0 T
PCB Congener 12/13	<22 T	<13 T	<14 T
PCB Congener 122	<2.4 T	<1.8 T	<1.7 T
PCB Congener 123	<2.4 T	<4.4 T, J	<3.3 T, J

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PCB Congener 124	<9.1 T	<9.7 T	<3.7 T, J
PCB Congener 126	<3.1 T	<2.5 T, J	<2.1 T
PCB Congener 128	130 T	100 T	60 T
PCB Congener 129	<20 T	23 T	<0.67 T
PCB Congener 130	53 T	<35 T	33 T
PCB Congener 132	330 T	200 V, T	150 T
PCB Congener 133/165/131	<4.0 T, J	<1.8 T, J	<4.3 T, J
PCB Congener 134	<48 T	36 T	<21 T
PCB Congener 135	150 T	82 T	62 T
PCB Congener 136/154	190 T	100 T	79 T
PCB Congener 137	<23 T	<17 T	15 T
PCB Congener 138/160	600 T	480 T	330 T
PCB Congener 139/149	890 T	550 T	440 T
PCB Congener 14	<22 T	<8.8 T	<14 T
PCB Congener 140	<7.0 T	<3.4 T, J	<2.2 T, J
PCB Congener 141	190 T	130 T	100 T
PCB Congener 142	<8.6 T	<8.0 T	<0.61 T
PCB Congener 143	<1.8 T	<0.63 T	<0.58 T
PCB Congener 144	38 T	<24 T	22 T
PCB Congener 145/148	<2.2 T	<0.58 T	<0.50 T
PCB Congener 147	<9.4 T	<5.9 T	6.9 T
PCB Congener 15	62 H, T	68 H, T	47 H, T
PCB Congener 150	<2.0 T	<0.52 T	<0.45 T
PCB Congener 151	260 T	150 T	140 T
PCB Congener 152	<1.9 T	<0.49 T	<0.42 T
PCB Congener 155	<2.6 T	<1.1 T	<0.70 T
PCB Congener 156	50 T	48 T	33 T
PCB Congener 157	9.3 T	<7.8 T	<5.3 T
PCB Congener 158	70 T	<43 T	42 T
PCB Congener 159	<1.3 T	<0.46 T	<0.43 T
PCB Congener 16/32	50 H, T	51 H, T	46 H, T
PCB Congener 161/146	98 T	89 T	79 T
PCB Congener 162	<1.5 T	<0.52 T	<1.8 T, J
PCB Congener 164/163	280 T	210 T	160 T
PCB Congener 166	<1.3 T	<9.4 T	<0.43 T
PCB Congener 167	<18 T	19 T	15 T
PCB Congener 168/153	660 T	590 T	540 T
PCB Congener 169	<1.6 T	<1.3 T	<1.0 T
PCB Congener 17	35 H, T	33 H, T	32 H, T
PCB Congener 170/190	430 T	250 T	200 T
PCB Congener 171	140 T	67 T	50 T
PCB Congener 173	11 T	5.9 T	<4.1 T, J
PCB Congener 174	680 T	330 T	260 T
PCB Congener 175	<9.1 T	<8.7 T	10 T
PCB Congener 176	<77 T	<34 T	26 T
PCB Congener 177	370 T	180 T	140 T
PCB Congener 178	100 T	59 T	57 T
PCB Congener 179	290 T	130 T	100 T
PCB Congener 18	80 H, T	90 H, T	82 H, T
PCB Congener 181	<2.5 T	<1.6 T	<1.3 T
PCB Congener 182/187	670 T	400 T	350 T
PCB Congener 183	220 T	150 T	120 T
PCB Congener 184	<2.9 T	<0.96 T	<0.55 T
PCB Congener 185	63 T	33 T	<30 T
PCB Congener 186	<3.2 T	<1.1 T	<0.61 T
PCB Congener 188	<3.0 T	<1.3 T	<0.81 T
PCB Congener 189	12 T	<5.5 T	<5.5 T
PCB Congener 19	6.1 T	7.6 T	5.8 T
PCB Congener 191	<14 T	10 T	8.2 T
PCB Congener 192/172	58 T	39 T	36 T
PCB Congener 193/180	800 T	560 T	500 T
PCB Congener 194	<160 T	130 T	130 T
PCB Congener 195	120 T	70 T	51 T
PCB Congener 196/203	<230 T	190 T	160 T
PCB Congener 197	<12 T	8.4 T	6.6 T
PCB Congener 198	<14 T	13 T	<7.3 T
PCB Congener 199	300 T	210 T	170 T
PCB Congener 2	16 H, T	17 T	13 H, T
PCB Congener 20/33/21	75 H, T	90 H, T	81 H, T
PCB Congener 200	47 T	22 T	18 T
PCB Congener 201	39 T	29 T	22 T
PCB Congener 202	<44 T	40 T	37 T
PCB Congener 204	<1.4 T	<0.98 T	<0.49 T
PCB Congener 205	<11 T	8.7 T	7.4 T
PCB Congener 206	100 T	89 T	59 T
PCB Congener 207	<12 T	<11 T	10 T
PCB Congener 208	<25 T	28 T	19 T
PCB Congener 209	<47 T	52 T	34 T
PCB Congener 22	58 H, T	64 H, T	52 H, T
PCB Congener 25	8.9 H, T	10 H, T	<11 T
PCB Congener 26	18 H, T	18 H, T	16 H, T
PCB Congener 27/24	7.3 H, T	<6.4 T	6.2 H, T
PCB Congener 29	<7.5 T	<4.2 T	<11 T
PCB Congener 3	21 T	20 T	14 T
PCB Congener 30	<1.3 T	<0.89 T	<1.2 T
PCB Congener 31/28	280 H, T	310 H, T	270 H, T
PCB Congener 34/23	<7.5 T	<4.2 T	<12 T
PCB Congener 35	8.1 H, T	9.4 H, T	<11 T
PCB Congener 36	<6.7 T	<3.8 T	<10 T
PCB Congener 37	73 H, T	78 H, T	51 H, T
PCB Congener 38	<6.6 T	<3.7 T	<10 T
PCB Congener 39	<6.3 T	6.0 T	<9.8 T
PCB Congener 4/10	<36 T	30 H, T	<22 T

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PCB Congener 40/57	18 H, T	18 H, T	11 H, T
PCB Congener 41	<0.93 T	<0.59 T	<0.58 T
PCB Congener 42	49 H, T	50 H, T	34 H, T
PCB Congener 43	<1.5 T	<0.97 T	<0.95 T
PCB Congener 44	130 H, T	130 H, T	79 H, T
PCB Congener 45	17 H, T	16 H, T	12 H, T
PCB Congener 46/69/73	6.0 H, T	<5.7 T	<3.4 T, J
PCB Congener 48/47/75	59 H, T	61 H, T	45 H, T
PCB Congener 49	98 T	110 T	79 H, T
PCB Congener 50	<1.2 T	<0.78 T	<0.77 T
PCB Congener 51	5.8 T	4.7 T	3.8 T, J
PCB Congener 52	160 T	170 T	120 H, T
PCB Congener 53	15 H, T	13 H, T	10 H, T
PCB Congener 54	<0.83 T	<0.58 T	<0.63 T
PCB Congener 55	<1.1 T	<0.67 T	<0.78 T, J
PCB Congener 56	75 H, T	76 H, T	50 H, T
PCB Congener 58	<1.0 T	0.84 T, J	0.85 T, J
PCB Congener 59	<1.0 T	<0.65 T	<0.64 T
PCB Congener 6	<22 T	<9.6 T	<14 T
PCB Congener 60	35 H, T	34 H, T	25 H, T
PCB Congener 62	<1.1 T	<0.67 T	<0.66 T
PCB Congener 63	6.4 T	7.1 T	5.8 T
PCB Congener 65	<1.0 T	<0.65 T	<0.64 T
PCB Congener 66/80	170 T	170 T	120 H, T
PCB Congener 67	<4.0 T, J	5.6 H, T	3.7 H, T, J
PCB Congener 71	33 H, T	29 H, T	20 H, T
PCB Congener 72/64/68	84 H, T	90 H, T	57 H, T
PCB Congener 74/61	79 H, T	92 H, T	68 H, T
PCB Congener 76/70	200 T	220 T	140 H, T
PCB Congener 77	24 T	28 T	18 H, T
PCB Congener 78	<1.1 T	3.5 T, J	<0.82 T
PCB Congener 79	<1.1 T	<0.83 V, T	<0.87 T
PCB Congener 8/5	48 H, T	66 H, T	41 H, T
PCB Congener 81	<1.3 T	<0.98 T	<0.91 T
PCB Congener 82	50 T	50 T	27 T
PCB Congener 84/90	110 T	100 T	58 T
PCB Congener 85/120	55 T	49 T	32 T
PCB Congener 86/97/125	110 T	95 T	58 T
PCB Congener 88	<1.5 T	<0.94 T	<0.68 T
PCB Congener 9/7	<22 T	<8.9 T	<14 T
PCB Congener 91	48 T	40 T	25 T
PCB Congener 92	75 T	69 T	52 T
PCB Congener 94	<1.7 T	<1.3 T, J	<0.75 T
PCB Congener 95/93/121	290 T	220 T	130 T
PCB Congener 96/103	<7.7 T	<6.4 T	6.5 T
PCB Congener 98/102	11 T	<7.5 T	4.6 T
PCB Congener 99	170 T	170 T	120 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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