

PCB's and Dioxins in Perdido Bay

all values are in nanograms/gram

<u>Date</u>	<u>Type of sample</u>	<u>Location</u>	<u>Total PCB</u>	<u>Total Dioxins and Furans</u>	Dioxin equivalents	OCDD	PCB 118
12/28/2004	muck	Upper Perdido Bay	3566	5505.4	33	4660	2290
12/28/2004	muck	Upper Perdido Bay	1737	5145.5	24.8	4450	1040
7/29/2005	muck	Upper Perdido Bay	2079	7209.87	32.9	6090	1220
7/29/2005	crab tissue	Upper Perdido Bay	145		0.057	0.936	97
7/20/2007	crab tissue (lipid ad)	Upper Perdido Bay	76505		30.5	493	51100
11/9/2014	Clam tissue	Upper Perdido Bay	603	7.57	0.104	7.19	383
7/18/2017	muck	Tee Lake	1913	2910	7.01	1470	106
7/28/2018	Clam tissue	Upper Perdido Bay	2260	10.9	0.156	4.28	72.2
7/28/2018	muck	Tee Lake	3900	586	3.18	368	189
7/28/2018	muck	Wicker Lake	8690	913	5.26	603	296

Dioxin equivalents - standardized to the toxicity of the dioxin congener
 OCDD is a very prevalent form of dioxin which comes from wood burning
 PCB 118 is the most common PCB in all samples



