

Table 3-7 - Average Concentrations of COCs in Sediment
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

	<i>Total DDTs</i>	<i>Total DDT Compounds</i>	<i>Total PCBs - short list</i>	<i>Total PCBs - expanded list</i>
2009 Data Set				
Full model (baseline and outfall area)				
Total bed	1,600	2,300	120	NA
0-8 cm interval	1,300	1,600	86	NA
Outfall area				
Total bed	2,800	3,600	160	NA
0-8 cm interval	1,900	2,400	110	NA
2013 Data Set				
Full model (shelf-wide and outfall area)				
Total bed	3,300	4,700	200	400
0-8 cm interval	1,800	2,500	120	240
Outfall area				
Total bed	5,600	7,400	300	600
0-8 cm interval	2,500	3,300	160	320
NORMALIZED FOR ORGANIC CARBON				
2009 Data Set				
Full model (baseline and outfall area)				
Total bed	58,000	85,000	4,500 (410)	NA
0-8 cm interval	56,000	71,000	3,000 (230)	NA
Outfall area				
Total bed	98,000	130,000	6,500 (570)	NA
0-8 cm interval	83,000	100,000	4,700 (300)	NA
2013 Data Set				
Full model (shelf-wide and outfall area)				
Total bed	98,000	140,000	6,500	13,000
0-8 cm interval	77,000	110,000	5,000	10,000
Outfall area				
Total bed	160,000	210,000	9,900	20,000
0-8 cm interval	120,000	150,000	7,100	14,000

Abbreviations

cm - Centimeter
COCs - Chemicals of concern
NA - Not available
OC - Organic carbon

Notes

1. All values are in micrograms per kilogram (parts per billion).
2. For the Total PCBs OC normalized (short list) from the 2009 sediment data set, the values in parentheses were previously published (ITSI Gilbane, 2013b), and are believed to be erroneous. There may have been errors in the computational formulas used to prepare the input to the MVS model. Values without parentheses are based on rigorous quality control checks performed in winter 2016-2017, and are believed to be the best estimates of average Total PCBs OC normalized concentrations for the 2009 sediment data set.