

Table 3-8 - Estimates of Mass of COCs in Sediment
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

	<i>o,p'</i> -DDD	<i>o,p'</i> -DDE	<i>o,p'</i> -DDT	<i>p,p'</i> -DDD	<i>p,p'</i> -DDE	<i>p,p'</i> -DDT	<i>Total DDTs</i>	<i>p,p'</i> -DDMU	<i>p,p'</i> -DDNU	<i>Total DDT Compounds</i>	<i>Total PCBs - short list</i>	<i>Total PCBs - expanded list</i>
2009 Data Set												
<i>Full model (baseline and outfall area)</i>												
Total bed	290	1,900	120	1,300	9,700	530	14,000	5,200	940	20,000	1,000	NA
0-8 cm interval	36	210	16	190	1,200	63	1,700	410	71	2,200	110	NA
<i>Outfall area</i>												
Total bed	150	930	33	920	5,000	310	7,300	1,200	330	8,800	460	NA
0-8 cm interval	19	110	5.8	140	600	37	910	210	33	1,200	58	NA
2013 Data Set												
<i>Full model (shelf-wide and outfall area)</i>												
Total bed	730	6,100	100	2,700	30,000	2,600	42,000	18,000	1,300	61,000	2,900	5,900
0-8 cm interval	64	470	10	280	2,500	250	3,600	1,300	110	5,000	280	570
<i>Outfall area</i>												
Total bed	420	3,300	67	1,800	17,000	1,900	24,000	7,200	470	32,000	1,500	3,000
0-8 cm interval	31	210	7	170	1,100	180	1,700	540	39	2,300	140	270

Abbreviations

cm - Centimeter

COCs - Chemicals of concern

NA - Not available

PCBs - Polychlorinated biphenyls

Notes

1. All values are in kilograms and were rounded to two significant figures.
2. For results reported as non-detected, a value of 5 micrograms per kilogram (ug/kg) was used.
3. The baseline/shelf-wide modeled area was 30 square kilometers (km²). The outfall modeled area was 11 km².
4. The volume of the baseline/shelf-wide modeled grid was 15 million cubic meters (m³).
5. The volume of the 0-8 cm interval as modeled was 2.3 million m³.