

**Table 4-1 – History of Mass Estimates of COCs at PV Shelf
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California**

<i>Mass of p,p'-DDE (MT)</i>	<i>Mass of PCBs (MT)</i>	<i>Modeled area (km²)</i>	<i>Data set</i>	<i>Computational approach</i>	<i>Reference^a</i>
119.6	NA	43.8	Gravity cores collected by Sanitation Districts between 1981-1989, plus 2 cores from 1991	Integration of five water-depth zones	Lee, H.J., 1994
72	12.3	22.1	1992 USGS box cores and gravity cores from 38 stations	Integration of five water-depth zones	Lee, H.J., 1994
66.8	NA	43.1	1992 USGS box cores and gravity cores from 38 stations	Integration of five water-depth zones	Lee, H.J., <i>et al.</i> , 2002
71.9	NA	22.1	1992 USGS box cores and gravity cores from 38 stations	Integration of four “volume grids” using “E-type” estimate	Murray, C.J., <i>et al.</i> , 2002
61.4	NA	22.1	1992 USGS box cores and gravity cores from 38 stations	Integration of four “volume grids” using median concentrations	Murray, C.J., <i>et al.</i> , 2002
9.7	1.0	29.8	2009 gravity cores from 59 stations	Kriging using MVS with cell averaging	ITSI Gilbane, 2013
13.8	1.0	29.8	2009 gravity cores from 59 stations	Kriging using MVS with adaptive gridding	ITSI Gilbane, 2013
30	2.9 (5.9) ^b	29.8	2013 gravity cores from 65 stations	Kriging using MVS with 20,000 horizontal to vertical anisotrop	Appendix C (this report)

Abbreviations

km ²	--	square kilometers
m ³	--	cubic meters
MT	--	Metric tons = grams X 10 ⁶
MVS	--	Mining Visualization System
NA	--	Not available

Superscript Notes

^a References are provided in Section 6.0 of this report.

^b Mass of PCBs provided as 2009 list of congeners result with 2013 expanded list of congener result in parentheses.