

Table 5-1 - Summary of IROD Compliance
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

	<i>IROD estimated value</i>	<i>Representative value</i>	<i>IROD post- capping goal</i>	<i>IROD interim cleanup level</i>	<i>IROD final cleanup level</i>
Sediment (average concentrations)					
<i>Total DDTs (mg/kg OC)</i>	150	77	78	46	23
<i>Total PCBs - short list (mg/kg OC)</i>	-	5	7	7	-
<i>Total PCBs (mg/kg OC)</i>	-	10	-	-	-
Water (human health)					
<i>p,p'-DDE (ng/L)</i>	-	1.1	-	0.22	-
<i>Total PCBs (ng/L)</i>	1.1	0.19	-	0.064	-
Water (ecological)					
<i>Total DDTs (ng/L)</i>	16	1.6	-	1	-
<i>Total PCBs (ng/L)</i>	1.1	0.19	-	30	-
White croaker - Zone 1 Collection Area					
<i>Total DDTs (ug/kg)</i>	33,000	1,000	-	400	-
<i>Total PCBs (ug/kg)</i>	3,000	98	-	70	-
White croaker - Zone 2 Collection Area					
<i>Total DDTs (ug/kg)</i>	8,600	940	-	400	-
<i>Total PCBs (ug/kg)</i>	920	130	-	70	-
White croaker - Zone 3 Collection Area					
<i>Total DDTs (ug/kg)</i>	4,200	520	-	400	-
<i>Total PCBs (ug/kg)</i>	190	60	-	70	-

Abbreviations

IROD - Interim Record of Decision
mg/kg OC - milligrams per kilogram normalized for organic carbon
ug/kg - micrograms per kilogram (parts per billion)
ng/L - nanograms per liter (parts per trillion)

Notes

1. For Total PCBs, all values are for the expanded list of congeners (46), unless otherwise noted.
2. For sediment, all values are for the 0-8-cm bed-depth interval (the bioactive zone at PV Shelf).
The representative values are from the current output of the geostatistical model.
3. For water, the representative values are maximum concentrations from the current MNR data set.
The representative values for p,p'-DDE and for Total DDTs are from the near-bottom sample for location 4C, and the representative value of Total PCBs is from the mid-column sample at location 7C.
4. For white croaker, the representative value for each collection area is the exposure point concentration based on the current data set.
5. The IROD estimated values were published in Section 5.0 of the IROD as being representative of site