

Table 3-17 — Total DDTs in Fish
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Fish identifier	Barred sand bass						White croaker					
	Breakwater	Huntington	Redondo				Breakwater	Redondo	Ventura			
	Zone	Flats	Flats	Zone 1	Zone 2	Zone 3	Zone	Flats	Flats	Zone 1	Zone 2	Zone 3
1	22.2	172	31.1	155	39.2	19.5	287	382	11	603	598	580
2	155	21.3	35.8	146	93.3	35	105	508	10.8	1,280	1,040	528
3	57.4	124	112	105	64.4	245	293	163	5.71	1,180	856	245
4	99.2	205	101	137	225	219	57	118	17.1	348	410	685
5	70.5	134	78.3	331	371	250	81.8	195	7.72	451	611	268
6	48.1	59	105	100	198	32.7	166	247	9.06	580	341	496
7	78.3	141	114	501	44.9	58.7	280	79.8	8.11	401	711	433
8	26.2	58.4	122	206	60.8	61	294	82.9	6.51	236	865	469
9	201	47.7	8.77	72.6	296	18.6	308		12.5	416	129	248
10	31.5	27.7	22.4	133	83.8	13.4	421		16.1	1,290	347	183
11	91.7	20.4	153	191	114	177	622		8.13	265	136	424
12	247	30.6	15.5	565	40.4	156	264		6.46	2,080	182	515
13	121	137	34.2	518		32.8	434		4.83	693	110	1,530
14	56.5	84.9	50.4	551		37.5	585		6.94	295	758	551
15	41.3	130	73.1	529			233		7.32	680	2,000	365
16	49.5	62.7	25.1	302			333		17.7	187	991	207
17	31	64.7	22.7	536			341		7.5	389	2,030	84.4
18	93	20.2	9.99	116			331		7.77	229	1,680	1,020
19	45.5	543	66.9	214			374		4.49	2,360	1,060	81.7
20	24.6	95.2	36.1	74.5			316		5.66	347	632	281
21	38.7	29.3	39.6	17.6			253		20.4	836	1,600	553
22	160	119	25.6	91.1			517		21.3	1,700	355	259
23	85.1	32.6	46.1	662			91.7		16.2	311	552	166
24	27.6	147	26.1	37.6			383		18.8	1,400	472	335
25	136	143	47.1	297			187		16.1	678	852	381
26	23.9	29.1	15.1	107			120		17.4	390	508	353
27	47.8	52.6		508			199		16.2	834	551	561
28	51.5	10.7		701			341		17.6	2,110	1,180	281
29	37.4	31.5		325			164		17.4	157	1,410	160
30	90.9	28.9		339			129		9.97	225	215	256
31	46.4											
Summary statistics												
Minimum	22.2	10.7	8.77	17.6	39.2	13.4	57	79.8	4.49	157	110	81.7
Median	51.5	60.9	37.9	210	88.6	48.1	290	179	10.4	516	622	359
Mean	75.3	93.4	54.5	286	136	96.9	284	222	11.8	765	773	417
95% UCL	94.2	126	72.1	376	227	172	328	324	13.4	995	939	515
Maximum	247	543	153	701	371	250	622	508	21.3	2,360	2,030	1,530
StDev	55.3	101	40.3	206	111	91.0	143	152	5.3	627	536	289
N	31	30	26	30	12	14	30	8	30	30	30	30
N >= IROD goal	NA	NA	NA	NA	NA	NA	5	1	0	18	22	13

- Notes
1. All Total DDTs are in micrograms per kilogram (ug/kg).
 2. Total DDTs is the sum of six target DDT isomers (o,p'-DDD, o,p'-DDE, o,p'-DDT, p,p'-DDD, p,p'-DDE, p,p'-DDT).
 3. Shaded cells show Total DDTs greater than the IROD Remedial Action Objective (RAO) for white croaker ingestion of 400 ug/kg
 4. In calculating summations of Total DDTs, nondetects were assumed to have a value of the EDL

Abbreviations

DDD - Dichlorodiphenyldichloroethane

DDE - Dichlorodiphenyldichloroethene

DDT - Dichlorodiphenyltrichloroethane

EDL - Estimated detection limit (sample specific)

IROD - Interim Record of Decision

N - Number of fish

NA - Not available

RAO - Remedial Action Objective

StDev - Standard deviation

UCL - Upper confidence limit (of the mean)

ug/kg - Micrograms per kilogram

>= - Greater than or equal to