

Table 3-18 — Total DDT Compounds 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 Zone	Huntington Flats	Redondo Flats	Zone 1	Zone 2	Zone 3	Breakwater Zone	Redondo Flats	Ventura Flats	Zone 1	Zone 2	Zone 3
1	23.6	183	32.1	172	42.9	20.3	315	417	11.6	834	796	673
2	163	22.5	37.7	158	107	36	115	545	11.3	1,690	1,360	584
3	61.1	133	120	114	68.9	256	318	180	6.07	1,640	1,330	287
4	105	220	107	151	236	230	64.3	128	18.2	415	562	819
5	73.6	142	81.6	360	408	261	88.5	210	8.17	536	886	307
6	51.3	71	110	106	228	33.8	191	268	9.75	690	489	564
7	79.7	149	120	557	49.6	62.6	306	92.2	8.59	536	993	551
8	28.1	62.4	128	218	68.4	64.5	327	92.9	6.82	282	1,360	534
9	214	51.3	9.45	80.4	331	19.5	335		12	495	315	278
10	33.6	29.3	23.5	151	94.1	14.4	468		15.9	1,760	448	204
11	95.9	21.7	163	208	135	187	696		7.88	319	167	473
12	256	33.1	16.7	672	42.5	165	298		6.18	2,860	225	564
13	131	148	36	591		34.1	480		4.64	789	131	1,970
14	61.6	88.8	53.5	654		38.8	646		6.76	368	887	611
15	42.5	143	79.9	607			264		7.17	854	2,620	450
16	51.2	67.2	26.6	360			371		18.5	259	1,400	234
17	32.5	68.6	24.4	639			385		7.34	490	2,590	94.3
18	97.1	21.5	10.8	134			380		8.07	291	1,950	1,260
19	47.2	589	70.9	234			415		4.39	3,230	1,470	91.6
20	25.5	106	39.3	79.9			358		5.58	433	736	305
21	41	31.6	42.8	22.2			272		21.3	1,040	1,940	606
22	167	130	27.9	94.8			569		22.2	2,430	411	297
23	89.8	34.8	49.4	796			100		16.6	377	747	208
24	29.1	163	28.1	39.7			423		19.6	1,810	554	394
25	140	155	50.6	314			207		16.5	928	1,190	422
26	25	30.7	16.3	118			131		18	447	681	411
27	50.5	55.8		548			220		16.7	1,220	701	670
28	53.2	11.4		810			383		18.4	3,010	1,590	314
29	38.7	35		361			179		18.3	194	1,940	177
30	94.2	31.9		382			143		10.6	272	249	284
31	49											
Summary statistics												
Minimum	23.6	11.4	9.45	22.2	42.5	14.4	64.3	92.2	4.39	194	131	91.6
Median	53.2	67.9	41.1	226	100.6	50.7	316.5	195	11.0	613	841	416.5
Mean	79.1	101.0	57.9	324	151	101.6	315	242	12.1	1,017	1,024	488
95% UCL	98.8	136	76.5	430	214	180	364	351	13.8	1,440	1,240	609
Maximum	256	589	163	810	408	261	696	545	22.2	3,230	2,620	1,970
StDev	57.9	109	42.6	243	122	95.4	159	163	5.6	886	688	368
N	31	30	26	30	12	14	30	8	30	30	30	30

Notes

1. All Total DDT Compounds are in micrograms per kilogram (ug/kg).
2. Total DDT Compounds is the sum of eight target DDT isomers: o,p'-DDD, o,p'-DDE, o,p'-DDT, p,p'-DDD, p,p'-DDE, p,p'-DDT, p,p'-DDMU and p,p'-DDNU.
3. In calculating summations of Total DDT Compounds, nondetects were assumed to have a value of the EDL

Abbreviations

DDD - Dichlorodiphenyldichloroethane

DDE - Dichlorodiphenyldichloroethene

DDMU - 1,1-Bis(4-chlorophenyl)-2-chloroethene

DDNU - 1,1-Bis(4-chlorophenyl)ethene

DDT - Dichlorodiphenyltrichloroethane

EDL - Estimated detection limit (sample specific)

N - Number of fish

StDev - Standard deviation

UCL - Upper confidence limit (of the mean)

ug/kg - Micrograms per kilogram