

# State Mussel Watch Program

## Data Column Information

The following column variables are used to list supplementary information about each sample. Variables numbered 1 through 9 are found in all database tables containing analytical results (Table 1-5). Variables labeled 10 through 14 are found in the special supplementary information tables SAMPINFO or STATION (Table 6).

1. **ID** (Identification Number) - Each individual sample that is analyzed is given a unique I.D. number to identify it. Samples taken from the same station, but at different times, are given different I.D. numbers. Organic and element samples from the same location and time receive the same ID, unless the type of animal used differs, in which case separate ID numbers are assigned.

ID provides the exclusive means to conclusively identify an individual sample for a particular site on a particular date for a particular sample species. For this reason, ID is used in all tables where analytical results are located.

2. **STANUM** (Sample Station Number) - Each station location where samples are collected is given a unique station number. Station numbers may be repeated within and among years, if more than one sample has been taken at a particular site. Station numbers generally run sequentially from north to south, but do not necessarily correspond to Region number.
3. **STANAME** (Sample Station Name) - Each station site is given a unique station name, usually based on a local landmark. Some station names are abbreviated to fit a 34 space field. Each Station Name is exclusively assigned to only one Station Number.
4. **CDATE** (Date Sample Collected) - The date that each sample was collected in the field is listed, as month, day year (MM/DD/YY).
5. **YEAR** (Year of Sample Collection) - A two digit code for the year (i.e., State Fiscal Year: July 1 to June 30) of collection is included. Fiscal Year 1977-78, for example, is **YEAR 78**. *For archive samples, YEAR indicates the fiscal year analysis was performed.*
6. **SPECTYPE** (Sample or Species Type) - Table 7 lists the types of sample species or sample types and the abbreviations used in the data base tables. SPECTYPE followed by "-a" indicate an archive sample.

A small number of 1982-83 transplanted California mussel samples were experimentally depurated prior to analysis; SPECTYPE for these samples is identified by "TCM-d". Likewise, a small number of 1983-84 resident

mussel samples were identified by "RCM-l", "RCM-s", or "RBM-s" when large or small shell sizes were experimentally used in those particular samples. In addition, small size RBM-s were collected in 1996.

7. **DURATION** (Duration of Sample Transplantation) - For transplanted animals, the time in months between the date when the sample was deployed at the sampling site and the date when the sample was collected is listed.
8. **PWATER\_E, PWATER\_O** (Percent Moisture in Samples) - The percent of moisture in samples analyzed for trace elements or synthetic organic substances is listed. These values are useful for converting dry weight results to wet weight-based concentrations, using the formulae in Table 8.
9. **LENGTH\_E, LENGTH\_O** (Average Shell Length) - The average length, in millimeters, is listed for the shells in each (trace element or synthetic organic) bivalve sample. LENGTH\_O is calculated by measuring the lengths of 15 randomly selected animals in each sample. LENGTH\_E is calculated by measuring the length of 15 randomly selected animals that are pooled from the first replicate value of each set of three values of each element sample.
10. **PLIPID** (Percent of Lipid [Fat] Materials in Sample Tissues) - For samples analyzed for synthetic organic pollutants the percent of lipid in the sample is listed. This value is used to calculate synthetic organic substance tissue concentrations on a lipid weight basis, using formulae contained in Table 8. Lipid weight values are calculated using wet weight data.
11. **REGION** (Regional Water Resources Control Board Code) - The number of the Regional Board in whose region a sample resides. Only regions whose boundaries include marine or estuarine areas are included. Table 9 lists the codes used.
12. **COUNTY** - The Californiacoastal county where the station is located is listed.
13. **LAT, LONG, LATGIS, LONGGIS** (Sample Latitude and Longitude) - The latitude and longitude of each station is listed. LATGIS and LONGGIS are decimal versions of the latitude and longitude for GIS use.
14. **YEAR78 - YEAR00** (Analytical Type by Year of Collection) - An indication of whether a trace element ("E") or synthetic organic substance ("O") or both (["EO"]) analysis was performed in a particular sampling year is given in these columns. "ns" = Not Sampled.

### **Additional Information on Analytical Variables**

Analytical variables are listed in Tables 2 to 5. Negative numbers are used as entries for analytical results under the following special circumstances:

- 8.0 = **Not Detected** (The pollutant concentration was below the detection limit of the analytical test and instrumentation used).
- 9.0 = **Not Analyzed** (An analysis for a particular substance was not performed for a particular sample.)

Detection limits for each chemical may vary from year to year, and are listed in Mussel Watch reports.

Four of the analytical variables are totals, and are defined here:

#### **Total of DDT Substances:**

$$TDDT = DDDOP + DDDPP + DDEOP + DDEPP + DDMSPP + DDMUPP + DDTOP + DDTPP$$

#### **Total of Chlordane Substances:**

$$TOTCL = ACDEN + GC DEN + CCDAN + TCDAN + CNONA + OCDAN + TNONA$$

#### **Total of PCB Arochlor Compounds:**

$$TPCB = PCB48 + PCB54 + PCB60 \text{ (sum of PCB arochlor concentrations)}$$

#### **Total of Endosulfan Substances:**

$$TENDO = ENDO1 + ENDO2 + ENDOS$$

Totals are calculated as follows:

1. When all compounds in a total listed above are present at levels above the detection limit, they are summed to calculate the total.
2. When some compounds in a total listed above are reported as less than the detection limit, the total is composed of only those compound values above the detection limit.
3. If all compounds in a total listed above are reported as less than the detection limit, the total is reported as not detected (-8.0).
4. If any of the compounds in a total listed above are reported as not analyzed, the total is reported as not analyzed (-9.0).

Variable names for wet weight, dry weight, and lipid weight organic chemicals are distinguished by the suffices "\_W", "\_D", or "\_L".

Three trace element replicate samples are analyzed at each. The mean value for each replicate triplet, which is the value actually reported in Mussel Watch reports, is calculated, as follows:

1. When all three replicate values exist, the arithmetic mean is calculated and reported.
2. When one or two replicate values are missing or not analyzed, the arithmetic mean of the two or one remaining values is calculated and reported.
3. When all three values are missing or not analyzed, the value is reported as not analyzed (-9.0).
4. When one or two replicate values are less than the detection limit, these values are set to zero, and the arithmetic mean of the three values, including the zero values, is calculated and reported.
5. When all three replicate values are less than the detection limit of the analytical test, the value is reported as not detected (-8.0).

## TABLE 1. Data Tables

### Primary Data Tables

<u>Table</u>	<u>Contents</u>
METWET	average trace element (ppm, wet wgt)
METDRY	average trace element (ppm, dry wgt)
ORGWET	synthetic organic (ppb, wet wgt)
ORGDY	synthetic organic (ppb, dry wgt)
ORGLIP	synthetic organic (ppb, lipid wgt)
PAHWET	PAH (ppb, wet wgt)
PAHDRY	PAH (ppb, dry wgt)
PAHLIP	PAH (ppb, lipid wgt)
PCBWET2	PCB congeners (ppb, wet wgt)*
PCBDRY2	PCB congeners (ppb, dry wgt)*
PCBLIP2	PCB congeners (ppb, lipid wgt)*

\* PCB congeners only analyzed in Years 88, 89, and 90.

### Supplementary Information Tables

<u>Table</u>	<u>Contents</u>
SAMPINFO	sample information
STATION	station sampling history and latitude and longitude.

TABLE 2. CONTENTS OF TRACE ELEMENT TABLES.

Tables: METWET, METDRY

#	<u>METWET Column Name</u>	<u>METDRY Column Name</u>	<u>Contents</u>
1.	ID	ID	sample ID number
2.	STANUM	STANUM	sample station number
3.	STANAME	STANAME	sample station name
4.	CDATE	CDATE	date of collection
5.	YEAR	YEAR	sample year
6.	SPECTYPE	SPECTYPE	type of sample
7.	DURATION	DURATION	transplant duration
8.	PWATER-E	PWATER-E	percent moisture
9.	LENGTH-E	LENGTH-E	average shell length (mm)
10.	AG-W	AG-D	silver (ppm)
11.	AL-W	AL-D	aluminum (ppm)
12.	AS-W	AS-D	arsenic (ppm)
13.	CD-W	CD-D	cadmium (ppm)
14.	CR-W	CR-D	chromium (ppm)
15.	CU-W	CU-D	copper (ppm)
16.	HG-W	HG-D	mercury (ppm)
17.	MMHg-W	MMHg-D	methylmercury (ppm)
18.	MN-W	MN-D	manganese (ppm)
19.	NI-W	NI-D	nickel (ppm)
20.	PB-W	PB-D	lead (ppm)
21.	SE-W	SE-D	selenium (ppm)
22.	TI-W	TI-D	titanium (ppm)
23.	ZN-W	ZN-D	zinc (ppm)

TABLE 3. CONTENTS OF SYNTHETIC ORGANIC TABLES.

Tables: ORGWET, ORGDY, ORGLIP

#	ORGWET Column Name	ORGDRY Column Name	ORGLIP Column Name	Contents
1.	ID	ID	ID	sample ID number
2.	STANUM	STANUM	STANUM	sample station number
3.	STANAME	STANAME	STANAME	sample station name
4.	CDATE	CDATE	CDATE	collection date
5.	YEAR	YEAR	YEAR	sampling year
6.	SPECTYPE	SPECTYPE	SPECTYPE	sample type
7.	DURATION	DURATION	DURATION	transplant duration
8.	PWATER-O	PWATER-O	PWATER-O	percent moisture
9.	LENGTH-O	LENGTH-O	LENGTH-O	average shell length (mm)
10.	PLIPID	PLIPID	PLIPID	percent lipid
11.	ALDRN-W	ALDRN-D	ALDRN-L	aldrin
12.	CLBNS-W	CLBNS-D	CLBNS-L	chlorbenside
13.	ACDEN-W	ACDEN-D	ACDEN-L	alpha-chlordene
14.	CCDAN-W	CCDAN-D	CCDAN-L	cis-chlordane
15.	GCDEN-W	GCDEN-D	GCDEN-L	gamma-chlordene
16.	TCDAN-W	TCDAN-D	TCDAN-L	trans-chlordane
17.	CNONA-W	CNONA-D	CNONA-L	cis-nonachlor
18.	TNONA-W	TNONA-D	TNONA-L	trans-nonachlor
19.	OCDAN-W	OCDAN-D	OCDAN-L	oxychlordane
20.	TOTCL-W	TOTCL-D	TOTCL-L	total chlordane
21.	CLPYR-W	CLPYR-D	CLPYR-L	chlorpyrifos
22.	DACTH-W	DACTH-D	DACTH-L	dacthal
23.	DDDOP-W	DDDOP-D	DDDOP-L	o,p'-DDD
24.	DDDPP-W	DDDPP-D	DDDPP-L	p,p'-DDD
25.	DDEOP-W	DDEOP-D	DDEOP-L	o,p'-DDE
26.	DDEPP-W	DDEPP-D	DDEPP-L	p,p'-DDE
27.	DDMSPP-W	DDMSPP-D	DDMSPP-L	p,p'-DDMS
28.	DDMUPP-W	DDMUPP-D	DDMUPP-L	p,p'-DDMU
29.	DDTOP-W	DDTOP-D	DDTOP-L	o,p'-DDT
30.	DDTPP-W	DDTPP-D	DDTPP-L	p,p'-DDT
31.	TDDT-W	TDDT-D	TDDT-L	total DDT
32.	DIAZN-W	DIAZN-D	DIAZN-L	diazinon
33.	DICLB-W	DICLB-D	DICLB-L	dichlorobenzide
34.	DICOF-W	DICOF-D	DICOF-L	dicofol
35.	DIELD-W	DIELD-D	DIELD-L	dieldrin
36.	ENDO1-W	ENDO1-D	ENDO1-L	endosulfan I
37.	ENDO2-W	ENDO2-D	ENDO2-L	endosulfan II
38.	ENDOS-W	ENDOS-D	ENDOS-L	endosulfan sulfate
39.	TENDO-W	TENDO-D	TENDO-L	total endosulfan
40.	ENDRN-W	ENDRN-D	ENDRN-L	endrin
41.	ETHION-W	ETHION-D	ETHION-L	ethion
42.	HCHA-W	HCHA-D	HCHA-L	alpha HCH
43.	HCHB-W	HCHB-D	HCHB-L	beta HCH
44.	HCHD-W	HCHD-D	HCHD-L	delta HCH
45.	HCHG-W	HCHG-D	HCHG-L	gamma HCH
46.	HEP-W	HEP-D	HEP-L	heptachlor
47.	HEPOX-W	HEPOX-D	HEPOX-L	heptachlor epoxide
48.	HCB-W	HCB-D	HCB-L	hexachlorobenzene
49.	MTHOX-W	MTHOX-D	MTHOX-L	methoxychlor
50.	EPARA-W	EPARA-D	EPARA-L	ethylparathion
51.	MPARA-W	MPARA-D	MPARA-L	methylparathion
52.	PCP-W	PCP-D	PCP-L	pentachlorophenol
53.	TCP-W	TCP-D	TCP-L	tetrachlorophenol
54.	PHENOL-W	PHENOL-D	PHENOL-L	phenol
55.	RONEL-W	RONEL-D	RONEL-L	ronel
56.	TETRA-W	TETRA-D	TETRA-L	tetradifon
57.	TOXAP-W	TOXAP-D	TOXAP-L	toxaphene
58.	CHDEN-W	CHDEN-D	CHDEN-L	chlordene
59.	OXADZN-W	OXADZN-D	OXADZN-L	oxadiazon
60.	PCB48-W	PCB48-D	PCB48-L	PCB arochlor 1248
61.	PCB54-W	PCB54-D	PCB54-L	PCB arochlor 1254
62.	PCB60-W	PCB60-D	PCB60-L	PCB arochlor 1260
63.	TPCB-W	TPCB-D	TPCB-L	total of PCB arochlors
64.	PCT546-W	PCT546-D	PCT546-L	Polychlorinated Terphenyl
65.	TBT-W	TBT-D	TBT-L	tributyltin

TABLE 4. CONTENTS OF PAH TABLES.

Tables: PAHWET, PAHDYR, PAHLIP (polynuclear aromatic hydrocarbon)

#	PAHWET Column Name	PAHDYR Column Name	PAHLIP Column Name	Contents
1.	ID	ID	ID	sample ID number
2.	STANUM	STANUM	STANUM	sample station number
3.	STANAME	STANAME	STANAME	sample station name
4.	CDATE	CDATE	CDATE	collection date
5.	YEAR	YEAR	YEAR	sampling year
6.	SPECTYPE	SPECTYPE	SPECTYPE	sample type
7.	DURATION	DURATION	DURATION	transplant duration
8.	PWATER-O	PWATER-O	PWATER-O	percent moisture
9.	LENGTH-O	LENGTH-O	LENGTH-O	average shell length (mm)
10.	PLIPID	PLIPID	PLIPID	percent lipid
11.	TPAH-W	TPAH-D	TPAH-L	total PAHs
12.	ANTH-W	ANTH-D	ANTH-L	anathracene
13.	ANTHA-W	ANTHA-D	ANTHA-L	benzo [a] anathracene
14.	ANTHAH-W	ANTHAH-D	ANTHAH-L	dibenz [a,h] anthracene
15.	BIPHEN-W	BIPHEN-D	BIPHEN-L	biphenyl
16.	CHRYSN-W	CHRYSN-D	CHRYSN-L	chrysene
17.	FLRA-W	FLRA-D	FLRA-L	fluoranthene
18.	FLRABB-W	FLRABB-D	FLRABB-L	benzo [b] fluoranthene
19.	FLRABK-W	FLRABK-D	FLRABK-L	benzo [k] fluoranthane
20.	FLUORE-W	FLUORE-D	FLUORE-L	fluorene
21.	NAP-W	NAP-D	NAP-L	naphthalene
22.	NAP1-W	NAP1-D	NAP1-L	1-methylnaphthalene
23.	NAP2-W	NAP2-D	NAP2-L	2-methylnaphthalene
24.	NAP26-W	NAP26-D	NAP26-L	2,6-dimethylnaphthalene
25.	NAP235-W	NAP235-D	NAP235-L	2,3,5-trimethylnaphthalene
26.	NAPHEN-W	NAPHEN-D	NAPHEN-L	acenaphthene
27.	NAPHYL-W	NAPHYL-D	NAPHYL-L	acenaphthylene
28.	PERY-W	PERY-D	PERY-L	perylene
29.	PERYGH-W	PERYGH-D	PERYGH-L	benzo [g,h,i] perylene
30.	PHENA-W	PHENA-D	PHENA-L	phenanthrene
31.	PHENA1-W	PHENA1-D	PHENA1-L	1-methylphenanthrene
32.	PYRE-W	PYRE-D	PYRE-L	pyrene
33.	PYREBA-W	PYREBA-D	PYREBA-L	benzo [a] pyrene
34.	PYREBE-W	PYREBE-D	PYREBE-L	benzo [e] pyrene
35.	PYREIN-W	PYREIN-D	PYREIN-L	indeno [1,2,3-c,d] pyrene

TABLE 5. CONTENTS OF PCB CONGENER TABLES.

Tables: PCBWET2, PCBDRY2, PCBLIP2  
(polychlorinated biphenyl congener)

#	PCBWET2 Column Name	PCBDRY2 Column Name	PCBLIP2 Column Name	Contents
1.	ID	ID	ID	sample ID number
2.	STANUM	STANUM	STANUM	sample station number
3.	STANAME	STANAME	STANAME	sample station name
4.	CDATE	CDATE	CDATE	collection date
5.	YEAR	YEAR	YEAR	sample year
6.	SPECTYPE	SPECTYPE	SPECTYPE	sample type
7.	DURATION	DURATION	DURATION	transplant duration
8.	PWATER_O	PWATER_O	PWATER_O	percent moisture (organic)
9.	LENGTH_O	LENGTH_O	LENGTH_O	average shell length (mm)
10.	PLIPID	PLIPID	PLIPID	percent lipid
11.	PCB5_W	PCB5_D	PCB5_L	PCB congener # 5
12.	PCB6_W	PCB6_D	PCB6_L	PCB congener # 6
13.	PCB7_W	PCB7_D	PCB7_L	PCB congener # 7
14.	PCB8_W	PCB8_D	PCB8_L	PCB congener # 8
15.	PCB15_W	PCB15_D	PCB15_L	PCB congener # 15
16.	PCB16_W	PCB16_D	PCB16_L	PCB congener # 16
17.	PCB18_W	PCB18_D	PCB18_L	PCB congener # 18
18.	PCB19_W	PCB19_D	PCB19_L	PCB congener # 19
19.	PCB22_W	PCB22_D	PCB22_L	PCB congener # 22
20.	PCB25_W	PCB25_D	PCB25_L	PCB congener # 25
21.	PCB26_W	PCB26_D	PCB26_L	PCB congener # 26
22.	PCB27_W	PCB27_D	PCB27_L	PCB congener # 27
23.	PCB28_W	PCB28_D	PCB28_L	PCB congener # 28
24.	PCB29_W	PCB29_D	PCB29_L	PCB congener # 29
25.	PCB31_W	PCB31_D	PCB31_L	PCB congener # 31
26.	PCB33_W	PCB33_D	PCB33_L	PCB congener # 33
27.	PCB40_W	PCB40_D	PCB40_L	PCB congener # 40
28.	PCB41_W	PCB41_D	PCB41_L	PCB congener # 41
29.	PCB44_W	PCB44_D	PCB44_L	PCB congener # 44
30.	PCB45_W	PCB45_D	PCB45_L	PCB congener # 45
31.	PCB46_W	PCB46_D	PCB46_L	PCB congener # 46
32.	PCB47_W	PCB47_D	PCB47_L	PCB congener # 47
33.	PCB49_W	PCB49_D	PCB49_L	PCB congener # 49
34.	PCB52_W	PCB52_D	PCB52_L	PCB congener # 52
35.	PCB56_W	PCB56_D	PCB56_L	PCB congener # 56
36.	PCB59_W	PCB59_D	PCB59_L	PCB congener # 59
37.	PCB63_W	PCB63_D	PCB63_L	PCB congener # 63
38.	PCB66_W	PCB66_D	PCB66_L	PCB congener # 66
39.	PCB67_W	PCB67_D	PCB67_L	PCB congener # 67
40.	PCB70_W	PCB70_D	PCB70_L	PCB congener # 70
41.	PCB74_W	PCB74_D	PCB74_L	PCB congener # 74
42.	PCB77_W	PCB77_D	PCB77_L	PCB congener # 77
43.	PCB82_W	PCB82_D	PCB82_L	PCB congener # 82
44.	PCB83_W	PCB83_D	PCB83_L	PCB congener # 83
45.	PCB84_W	PCB84_D	PCB84_L	PCB congener # 84
46.	PCB87_W	PCB87_D	PCB87_L	PCB congener # 87
47.	PCB89_W	PCB89_D	PCB89_L	PCB congener # 89
48.	PCB91_W	PCB91_D	PCB91_L	PCB congener # 91
49.	PCB96_W	PCB96_D	PCB96_L	PCB congener # 96
50.	PCB97_W	PCB97_D	PCB97_L	PCB congener # 97
51.	PCB99_W	PCB99_D	PCB99_L	PCB congener # 99
52.	PCB101_W	PCB101_D	PCB101_L	PCB congener # 101
53.	PCB105_W	PCB105_D	PCB105_L	PCB congener # 105
54.	PCB107_W	PCB107_D	PCB107_L	PCB congener # 107
55.	PCB110_W	PCB110_D	PCB110_L	PCB congener # 110
56.	PCB114_W	PCB114_D	PCB114_L	PCB congener # 114
57.	PCB118_W	PCB118_D	PCB118_L	PCB congener # 118
58.	PCB122_W	PCB122_D	PCB122_L	PCB congener # 122
59.	PCB126_W	PCB126_D	PCB126_L	PCB congener # 126
60.	PCB128_W	PCB128_D	PCB128_L	PCB congener # 128
61.	PCB129_W	PCB129_D	PCB129_L	PCB congener # 129
62.	PCB134_W	PCB134_D	PCB134_L	PCB congener # 134
63.	PCB135_W	PCB135_D	PCB135_L	PCB congener # 135
64.	PCB136_W	PCB136_D	PCB136_L	PCB congener # 136

**TABLE 5 (cont'd).**

<u>#</u>	<u>PCBWET2</u> <u>Column</u> <u>Name</u>	<u>PCBDRY2</u> <u>Column</u> <u>Name</u>	<u>PCBLIP2</u> <u>Column</u> <u>Name</u>	<u>Contents</u>
65.	PCB137-W	PCB137-D	PCB137-L	PCB congener # 137
66.	PCB138-W	PCB138-D	PCB138-L	PCB congener # 138
67.	PCB141-W	PCB141-D	PCB141-L	PCB congener # 141
68.	PCB146-W	PCB146-D	PCB146-L	PCB congener # 146
69.	PCB149-W	PCB149-D	PCB149-L	PCB congener # 149
70.	PCB151-W	PCB151-D	PCB151-L	PCB congener # 151
71.	PCB153-W	PCB153-D	PCB153-L	PCB congener # 153
72.	PCB156-W	PCB156-D	PCB156-L	PCB congener # 156
73.	PCB158-W	PCB158-D	PCB158-L	PCB congener # 158
74.	PCB170-W	PCB170-D	PCB170-L	PCB congener # 170
75.	PCB172-W	PCB172-D	PCB172-L	PCB congener # 172
76.	PCB173-W	PCB173-D	PCB173-L	PCB congener # 173
77.	PCB174-W	PCB174-D	PCB174-L	PCB congener # 174
78.	PCB176-W	PCB176-D	PCB176-L	PCB congener # 176
79.	PCB177-W	PCB177-D	PCB177-L	PCB congener # 177
80.	PCB179-W	PCB179-D	PCB179-L	PCB congener # 179
81.	PCB180-W	PCB180-D	PCB180-L	PCB congener # 180
82.	PCB183-W	PCB183-D	PCB183-L	PCB congener # 183
83.	PCB185-W	PCB185-D	PCB185-L	PCB congener # 185
84.	PCB187-W	PCB187-D	PCB187-L	PCB congener # 187
85.	PCB189-W	PCB189-D	PCB189-L	PCB congener # 189
86.	PCB191-W	PCB191-D	PCB191-L	PCB congener # 191
87.	PCB193-W	PCB193-D	PCB193-L	PCB congener # 193
88.	PCB194-W	PCB194-D	PCB194-L	PCB congener # 194
89.	PCB195-W	PCB195-D	PCB195-L	PCB congener # 195
90.	PCB196-W	PCB196-D	PCB196-L	PCB congener # 196
91.	PCB197-W	PCB197-D	PCB197-L	PCB congener # 197
92.	PCB198-W	PCB198-D	PCB198-L	PCB congener # 198
93.	PCB199-W	PCB199-D	PCB199-L	PCB congener # 199
94.	PCB201-W	PCB201-D	PCB201-L	PCB congener # 201
95.	PCB205-W	PCB205-D	PCB205-L	PCB congener # 205
96.	PCB206-W	PCB206-D	PCB206-L	PCB congener # 206
97.	PCB207-W	PCB207-D	PCB207-L	PCB congener # 207

**TABLE 6. CONTENTS OF SUPPLEMENTARY INFORMATION**

**Table: STATION (sample station information and analyses types by year)**

<u>#</u>	<u>Column Name</u>	<u>Contents</u>
1.	STANUM	sample station number
2.	STANAME	sample station name
3.	REGION	sample region
4.	COUNTY	sample county
5.	LAT	sample latitude
6.	LATGIS	sample latitude in decimal format
7.	Long	sample longitude
8.	LONGGIS	sample longitude in decimal format
9.	year78	1977-78 analysis type(s)
10.	year79	1978-79 analysis type(s)
11.	year80	1979-80 analysis type(s)
12.	year81	1980-81 analysis type(s)
13.	year82	1981-82 analysis type(s)
14.	year83	1982-83 analysis type(s)
15.	year84	1983-84 analysis type(s)
16.	year85	1984-85 analysis type(s)
17.	year86	1985-86 analysis type(s)
18.	year87	1986-87 analysis type(s)
19.	Year88	1987-88 analysis type(s)
20.	year89	1988-89 analysis type(s)
21.	year90	1989-90 analysis type(s)
22.	year91	1990-91 analysis type(s)
23.	year92	1991-92 analysis type(s)
24.	year93	1992-93 analysis type(s)
25.	year94	1993-94 analysis type(s)
26.	year95	1994-95 analysis type(s)
27.	year96	1995-96 analysis type(s)
28.	year97	1996-97 analysis type(s)
29.	year98	1997-98 analysis type(s)
30.	year99	1998-99 analysis type(s)
31.	year00	1999-00 analysis type(s)

**Table: SAMPINFO (individual sample information)**

<u>#</u>	<u>Column Name</u>	<u>Contents</u>
1.	ID	sample identification number
2.	STANUM	sample station number
3.	STANAME	sample station name
4.	REGION	sample region
5.	COUNTY	sample county
6.	ANALYSES	analysis type(s)
7.	CDATE	sample date
8.	YEAR	sample year
9.	SPECTYPE	sample type
10.	DURATION	sample duration
11.	PWATER_E	percent moisture (element)
12.	PWATER_O	percent moisture (organic)
13.	LENGTH_E	average shell length (element) (mm)
14.	LENGTH_O	average shell length (organic) (mm)
15.	PLIPID	percent lipid

**TABLE 7. SAMPLE TYPES (spectypes)**

<u>Type</u>	<u>Description</u>
<u>Commonly Collected:</u>	
RCM	Resident California mussel ( <i>Mytilus californianus</i> )
TCM	Transplanted California mussel
RBM	Resident Bay mussel ( <i>Mytilus edulis</i> )
RFC	Resident freshwater clam ( <i>Corbicula fluminea</i> )
TFC	Transplanted freshwater clam
SED	sediment sample
<u>Rarely Collected:</u>	
BNC	Bentnose clam ( <i>Macoma nasuta</i> ) (1983-84 only)
CER	Hornmouth Snail ( <i>Ceratostoma sp.</i> )
GLY	Sand worm ( <i>Glycera sp.</i> )
GSH	Grass Shrimp ( <i>Cragon sp.</i> )
HAM	Bubble Snail ( <i>Haminoea sp.</i> )
HEM	Purple Shore Crab ( <i>Hemigrapsus sp.</i> )
HME	Snail Eggs ( <i>Haminoea sp.</i> )
HNC	Horseneck Clam ( <i>Tresus sp.</i> )
LNC	Littleneck clam ( <i>Protothaca sp.</i> ) (1983-84 only)
NAS	Nassa Snail ( <i>Nassarius sp.</i> )
OPI	Opisthobranch Snail (not available)
OYS	Oyster ( <i>Crassostrea gigas</i> )
PAC	Shore crab ( <i>Pachygrapsus crassipes</i> )
POD	Jingle shell ( <i>Pododesmus sp.</i> )
SCP	Sculpin ( <i>Cottus sp.</i> )
ULV	Sea Lettuce ( <i>Ulva sp.</i> )

**TABLE 8. CONVERSION FORMULAE FOR WET, DRY, AND LIPID WEIGHT-BASED POLLUTANT CONCENTRATIONS.**

<u>Conversion:</u>	<u>Formula:</u>
wet to dry	$W * \frac{100}{100 - PWATER} = D$
wet to lipid <sup>#</sup>	$W * \frac{100}{PLIPID} = L$
dry to wet	$D * \frac{100 - PWATER}{100} = W$
dry to lipid	$D * \frac{100 - PWATER}{PLIPID} = L$

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Key:

D = tissue concentration on a dry-weight basis  
W = tissue concentration on a wet-weight basis  
L = tissue concentration on a lipid-weight basis  
PWATER = percent of moisture in sample  
PLIPID = percent of lipid in sample  
# This formula is used to calculate lipid weight data

**TABLE 9. CODES FOR REGIONAL BOARDS**

- 1 = North Coast Regional Board
- 2 = San Francisco Bay Regional Board
- 3 = Central Coast Regional Board
- 4 = Los Angeles Regional Board
- 5 = Central Valley Regional Board
- 8 = Santa Ana Regional Board
- 9 = San Diego Regional Board