

APPENDIX M
PCB RESULTS – OUTFALL AREA SEDIMENT SAMPLES

Table 1 - PCB Results for Core OA01
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA01 (SDG 1791)																	
OA0101201301	0	2	1.0 J	3.1 J	3.7 J	3.3 J	1.8 J	5.0 J	4.6 J	8.3 J	10 J	9.6 J	4.1 J	3.2 J	< 1.0 UJ	< 1.0 UJ	6.2 J
OA0101201303	2	4	1.0 J	2.7 J	3.7 J	3.5 J	3.4 J	7.0 J	5.1 J	8.5 J	12 J	14 J	6.0 J	3.2 J	< 0.60 UJ	< 0.60 UJ	7.1 J
OA0101201305	4	6	0.97 J	6.0 J	4.7 J	5.1 J	2.0 J	10 J	7.8 J	10 J	16 J	16 J	8.1 J	4.6 J	< 0.38 UJ	< 0.38 UJ	11 J
OA0101201307	6	8	1.0 J	6.2 J	7.8 J	6.7 J	1.9 J	13 J	7.2 J	14 J	22 J	21 J	9.3 J	< 0.67 UJ	< 0.67 UJ	< 0.67 UJ	13 J
OA0101201309-11	8	12	2.6 J	10 J	< 0.37 UJ	13 J	5.7 J	24 J	16 J	30 J	45 J	40 J	22 J	< 0.37 UJ	< 0.37 UJ	< 0.37 UJ	35 J
OA0101201313-15	12	16	4.9 J	16 J	38 J	24 J	15 J	66 J	41 J	80 J	130 J	83 J	49 J	29 J	< 0.46 UJ	< 0.46 UJ	81 J
OA0101201317-19	16	20	23 J	95 J	120 J	120 J	41 J	270 J	150 J	260 J	320 J	340 J	160 J	51 J	< 0.50 UJ	< 0.50 UJ	170 J
OA0101201321-23	20	24	36 J	150 J	160 J	220 J	57 J	320 J	200 J	370 J	400 J	470 J	210 J	58 J	< 0.59 UJ	< 0.59 UJ	200 J
OA0101201325-27	24	28	17 J	70 J	92 J	120 J	47 J	190 J	110 J	240 J	230 J	290 J	120 J	45 J	< 0.48 UJ	< 0.48 UJ	140 J
OA0101201329-31	28	32	6.4 J	28 J	30 J	39 J	18 J	62 J	37 J	81 J	75 J	100 J	40 J	20 J	< 0.34 UJ	< 0.34 UJ	55 J
OA0101201333-35	32	36	4.9 J	25 J	19 J	26 J	11 J	41 J	22 J	51 J	50 J	62 J	26 J	11 J	2.7 J	< 0.31 UJ	30 J
OA0101201337-39	36	40	1.7 J	5.5 J	6.3 J	6.0 J	2.4 J	11 J	7.9 J	14 J	14 J	15 J	6.9 J	3.4 J	< 0.28 UJ	< 0.28 UJ	9.3 J
OA0101201341-43	40	44	1.3 J	2.2 J	4.0 J	2.3 J	0.50 J	4.7 J	2.7 J	6.0 J	5.6 J	5.8 J	2.9 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.9 J
OA0101201345-47	44	48	< 0.53 UJ	0.28 J	0.25 J	0.24 J	< 0.27 UJ	0.35 J	0.24 J	0.39 J	0.35 J	0.39 J	0.17 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.32 J
OA0101201349-51	48	52	< 0.53 UJ	0.27 J	< 0.27 UJ	< 0.27 UJ	0.16 J	0.27 J	0.19 J	< 0.27 UJ	0.29 J	0.46 J	0.20 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.28 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 1 - PCB Results for Core OA01
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA01 (SDG 1791)																	
OA0101201301	0	2	13 J	9.0 J	13 J	< 1.0 UJ	15 J	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	4.8 J	15 J	13 J	7.0 J	2.4 J	3.1 J	< 1.0 UJ
OA0101201303	2	4	16 J	14 J	14 J	< 0.60 UJ	16 J	< 0.60 UJ	< 0.60 UJ	< 0.60 UJ	4.1 J	18 J	15 J	9.2 J	2.1 J	2.4 J	< 0.60 UJ
OA0101201305	4	6	22 J	15 J	21 J	< 0.38 UJ	24 J	< 0.38 UJ	< 0.38 UJ	< 0.38 UJ	4.8 J	25 J	22 J	14 J	2.8 J	3.0 J	< 0.38 UJ
OA0101201307	6	8	27 J	17 J	24 J	< 0.67 UJ	26 J	< 0.67 UJ	< 0.67 UJ	< 0.67 UJ	4.4 J	30 J	27 J	15 J	3.9 J	3.8 J	< 0.67 UJ
OA0101201309-11	8	12	59 J	42 J	53 J	< 0.37 UJ	59 J	< 0.37 UJ	< 0.37 UJ	< 0.37 UJ	12 J	65 J	57 J	37 J	8.3 J	7.2 J	< 0.37 UJ
OA0101201313-15	12	16	170 J	110 J	150 J	< 0.46 UJ	160 J	< 0.46 UJ	< 0.46 UJ	< 0.46 UJ	29 J	170 J	140 J	91 J	22 J	17 J	16 J
OA0101201317-19	16	20	380 J	200 J	320 J	< 0.50 UJ	320 J	15 J	50 J	< 0.50 UJ	54 J	320 J	280 J	170 J	44 J	36 J	30 J
OA0101201321-23	20	24	440 J	230 J	420 J	< 0.59 UJ	410 J	23 J	56 J	< 0.59 UJ	70 J	450 J	380 J	250 J	61 J	46 J	28 J
OA0101201325-27	24	28	330 J	180 J	300 J	< 0.48 UJ	300 J	19 J	39 J	< 0.48 UJ	60 J	390 J	320 J	210 J	53 J	36 J	23 J
OA0101201329-31	28	32	140 J	68 J	130 J	< 0.34 UJ	130 J	9.4 J	15 J	< 0.34 UJ	29 J	170 J	150 J	90 J	24 J	16 J	12 J
OA0101201333-35	32	36	76 J	38 J	71 J	< 0.31 UJ	69 J	3.2 J	8.4 J	< 0.31 UJ	13 J	89 J	73 J	46 J	12 J	8.3 J	< 0.31 UJ
OA0101201337-39	36	40	22 J	11 J	21 J	1.5 J	20 J	< 0.28 UJ	1.2 J	< 0.28 UJ	4.3 J	25 J	21 J	13 J	3.4 J	2.6 J	< 0.28 UJ
OA0101201341-43	40	44	7.6 J	3.5 J	6.6 J	< 0.28 UJ	6.8 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.1 J	7.4 J	5.9 J	3.9 J	0.63 J	0.91 J	< 0.28 UJ
OA0101201345-47	44	48	0.69 J	< 0.27 UJ	0.40 J	< 0.27 UJ	0.38 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.61 J	< 0.53 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA0101201349-51	48	52	0.45 J	< 0.27 UJ	0.48 J	< 0.27 UJ	0.44 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.34 J	0.44 J	0.33 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 1 - PCB Results for Core OA01
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA01 (SDG 1791)																			
OA0101201301	0	2	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	3.3 J	< 1.0 UJ	7.2 J	1.5 J	3.8 J	< 1.0 UJ	3.5 J	1.5 J	0.58 J	2.0 J	< 1.0 UJ	1.9 J	94	180
OA0101201303	2	4	< 0.60 UJ	< 0.60 UJ	< 0.60 UJ	3.2 J	2.3 J	8.0 J	1.7 J	3.8 J	< 0.60 UJ	2.8 J	< 0.60 UJ	0.55 J	1.8 J	1.2 J	2.2 J	110	220
OA0101201305	4	6	< 0.38 UJ	< 0.38 UJ	< 0.38 UJ	4.5 J	2.6 J	11 J	2.5 J	5.5 J	< 0.38 UJ	2.8 J	0.94 J	0.44 J	3.0 J	1.9 J	2.6 J	140	290
OA0101201307	6	8	< 0.67 UJ	< 0.67 UJ	< 0.67 UJ	5.6 J	2.7 J	14 J	3.3 J	7.1 J	< 0.67 UJ	3.8 J	< 0.67 UJ	1.4 J	3.5 J	2.0 J	3.1 J	170	350
OA0101201309-11	8	12	< 0.37 UJ	< 0.37 UJ	< 0.37 UJ	12 J	5.7 J	25 J	6.7 J	14 J	< 0.37 UJ	< 0.37 UJ	4.0 J	1.4 J	5.9 J	3.0 J	8.7 J	350	730
OA0101201313-15	12	16	7.9 J	< 0.46 UJ	< 0.46 UJ	31 J	15 J	65 J	14 J	37 J	< 0.46 UJ	15 J	11 J	3.0 J	17 J	8.2 J	26 J	1,000	2,000
OA0101201317-19	16	20	9.7 J	< 0.50 UJ	< 0.50 UJ	62 J	27 J	130 J	28 J	60 J	< 0.50 UJ	25 J	13 J	5.7 J	31 J	18 J	27 J	2,400	4,800
OA0101201321-23	20	24	18 J	< 0.59 UJ	< 0.59 UJ	86 J	45 J	180 J	43 J	87 J	< 0.59 UJ	39 J	17 J	6.3 J	44 J	17 J	19 J	3,100	6,300
OA0101201325-27	24	28	15 J	< 0.48 UJ	< 0.48 UJ	71 J	39 J	170 J	39 J	80 J	< 0.48 UJ	30 J	16 J	6.1 J	40 J	22 J	27 J	2,200	4,500
OA0101201329-31	28	32	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	32 J	17 J	70 J	17 J	34 J	< 0.34 UJ	12 J	7.0 J	2.9 J	17 J	11 J	15 J	880	1,800
OA0101201333-35	32	36	3.8 J	< 0.31 UJ	< 0.31 UJ	16 J	9.1 J	38 J	9.4 J	19 J	< 0.31 UJ	6.5 J	3.9 J	1.7 J	9.5 J	5.9 J	7.0 J	510	1,000
OA0101201337-39	36	40	0.94 J	< 0.28 UJ	< 0.28 UJ	4.0 J	2.6 J	9.9 J	2.9 J	5.0 J	< 0.28 UJ	2.4 J	1.3 J	0.95 J	3.3 J	2.9 J	2.0 J	140	290
OA0101201341-43	40	44	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.6 J	1.1 J	2.8 J	0.82 J	1.5 J	< 0.28 UJ	1.0 J	< 0.28 UJ	< 0.28 UJ	0.66 J	< 0.28 UJ	1.1 J	49	96
OA0101201345-47	44	48	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.41 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.7	5.5
OA0101201349-51	48	52	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.15 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.9	4.8

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
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Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
UJ - Not detected
UJ - At an estimated reporting limit

Table 2 - PCB Results for Core OA02
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA02 (SDG 1758)																	
OA0201201301	0	2	0.49 J	3.1 J	4.5 J	4.1 J	2.3 J	8.7 J	5.6 J	9.8 J	15 J	16 J	7.1 J	3.5 J	< 0.32 UJ	< 0.32 UJ	9.4 J
OA0201201303	2	4	0.58 J	2.7 J	4.1 J	3.8 J	2.2 J	7.1 J	4.2 J	8.2 J	11 J	11 J	5.3 J	2.6 J	< 0.31 UJ	< 0.31 UJ	6.5 J
OA0201201305	4	6	0.79 J	4.9 J	< 0.30 UJ	3.6 J	2.3 J	11 J	7.0 J	11 J	17 J	19 J	8.1 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	11 J
OA0201201307	6	8	1.3 J	5.9 J	8.5 J	8.5 J	2.5 J	14 J	9.4 J	18 J	24 J	24 J	10 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	13 J
OA0201201309-11	8	12	1.2 J	4.7 J	9.1 J	7.3 J	3.0 J	13 J	11 J	16 J	23 J	23 J	11 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	14 J
OA0201201313-15	12	16	2.1 J	11 J	< 0.31 UJ	7.7 J	6.3 J	28 J	19 J	30 J	40 J	44 J	20 J	8.1 J	< 0.31 UJ	< 0.31 UJ	24 J
OA0201201317-19	16	20	3.0 J	13 J	23 J	19 J	6.2 J	33 J	20 J	44 J	53 J	58 J	27 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	32 J
OA0201201321-23	20	24	2.6 J	17 J	< 0.33 UJ	13 J	8.3 J	40 J	25 J	50 J	60 J	68 J	32 J	12 J	< 0.33 UJ	< 0.33 UJ	37 J
OA0201201325-27	24	28	3.6 J	11 J	< 0.34 UJ	15 J	10 J	46 J	33 J	56 J	77 J	80 J	37 J	16 J	< 0.34 UJ	< 0.34 UJ	45 J
OA0201201329-31	28	32	3.2 J	12 J	24 J	26 J	8.4 J	52 J	30 J	59 J	69 J	79 J	35 J	15 J	< 0.35 UJ	< 0.35 UJ	42 J
OA0201201333-35	32	36	4.8 J	19 J	34 J	20 J	11 J	62 J	39 J	79 J	95 J	100 J	49 J	18 J	< 0.36 UJ	< 0.36 UJ	53 J
OA0201201337-39	36	40	5.6 J	29 J	36 J	35 J	15 J	75 J	51 J	87 J	110 J	120 J	53 J	21 J	< 0.35 UJ	< 0.35 UJ	61 J
OA0201201341-43	40	44	11 J	58 J	93 J	110 J	37 J	170 J	110 J	190 J	210 J	250 J	110 J	38 J	< 0.39 UJ	< 0.39 UJ	120 J
OA0201201345-47	44	48	13 J	70 J	94 J	140 J	29 J	220 J	140 J	290 J	280 J	360 J	140 J	58 J	< 0.43 UJ	< 0.43 UJ	160 J
OA0201201349-51	48	52	7.1 J	45 J	54 J	87 J	22 J	120 J	76 J	160 J	150 J	200 J	76 J	35 J	< 0.41 UJ	< 0.41 UJ	110 J
OA0201201353-55	52	56	3.3 J	20 J	17 J	19 J	8.4 J	40 J	25 J	50 J	54 J	63 J	27 J	13 J	< 0.33 UJ	< 0.33 UJ	37 J
OA0201201357-59	56	60	1.8 J	6.2 J	8.9 J	10 J	3.5 J	19 J	12 J	22 J	24 J	28 J	12 J	6.2 J	< 0.30 UJ	< 0.30 UJ	16 J
OA0201201361-63	60	64	1.7 J	7.4 J	7.7 J	8.6 J	2.9 J	13 J	9.2 J	16 J	19 J	24 J	10 J	4.2 J	< 0.29 UJ	< 0.29 UJ	12 J
OA0201201365-67	64	68	0.88 J	3.1 J	4.5 J	4.7 J	1.6 J	7.8 J	5.3 J	8.3 J	9.8 J	12 J	5.4 J	1.7 J	< 0.28 UJ	< 0.28 UJ	5.5 J
OA0201201369-71	68	72	0.62 J	2.9 J	4.0 J	3.8 J	1.0 J	6.7 J	4.3 J	8.4 J	8.5 J	10 J	4.3 J	2.2 J	< 0.28 UJ	< 0.28 UJ	5.2 J
OA0201201373-75	72	76	0.24 J	0.81 J	0.84 J	0.81 J	< 0.28 UJ	1.5 J	0.98 J	1.8 J	2.0 J	2.2 J	1.1 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.3 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 2 - PCB Results for Core OA02
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA02 (SDG 1758)																	
OA0201201301	0	2	19 J	12 J	19 J	< 0.32 UJ	21 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	3.7 J	24 J	20 J	11 J	2.6 J	2.7 J	< 0.32 UJ
OA0201201303	2	4	15 J	8.7 J	13 J	< 0.31 UJ	15 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	2.6 J	16 J	14 J	7.7 J	2.5 J	3.0 J	< 0.31 UJ
OA0201201305	4	6	23 J	14 J	21 J	< 0.30 UJ	25 J	< 0.30 UJ	2.0 J	< 0.30 UJ	5.3 J	28 J	24 J	13 J	3.2 J	3.5 J	< 0.30 UJ
OA0201201307	6	8	29 J	17 J	26 J	< 0.30 UJ	31 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	5.8 J	35 J	29 J	16 J	4.3 J	3.3 J	< 0.30 UJ
OA0201201309-11	8	12	30 J	18 J	25 J	< 0.29 UJ	29 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	6.1 J	35 J	29 J	18 J	5.4 J	4.7 J	< 0.29 UJ
OA0201201313-15	12	16	50 J	28 J	45 J	< 0.31 UJ	50 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	11 J	59 J	48 J	29 J	7.0 J	6.0 J	< 0.31 UJ
OA0201201317-19	16	20	67 J	37 J	57 J	< 0.33 UJ	67 J	< 0.33 UJ	9.2 J	< 0.33 UJ	13 J	77 J	67 J	39 J	10 J	7.8 J	< 0.33 UJ
OA0201201321-23	20	24	81 J	44 J	69 J	< 0.33 UJ	75 J	< 0.33 UJ	11 J	< 0.33 UJ	14 J	90 J	76 J	46 J	12 J	8.6 J	< 0.33 UJ
OA0201201325-27	24	28	92 J	61 J	86 J	< 0.34 UJ	90 J	2.7 J	15 J	< 0.34 UJ	20 J	110 J	89 J	55 J	16 J	11 J	< 0.34 UJ
OA0201201329-31	28	32	89 J	54 J	84 J	< 0.35 UJ	88 J	< 0.35 UJ	13 J	< 0.35 UJ	19 J	100 J	86 J	53 J	13 J	12 J	< 0.35 UJ
OA0201201333-35	32	36	120 J	68 J	110 J	< 0.36 UJ	110 J	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	22 J	130 J	110 J	63 J	16 J	13 J	< 0.36 UJ
OA0201201337-39	36	40	130 J	72 J	120 J	< 0.35 UJ	120 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	20 J	140 J	120 J	76 J	19 J	15 J	< 0.35 UJ
OA0201201341-43	40	44	270 J	140 J	240 J	< 0.39 UJ	240 J	< 0.39 UJ	30 J	< 0.39 UJ	43 J	280 J	230 J	150 J	39 J	27 J	< 0.39 UJ
OA0201201345-47	44	48	420 J	210 J	410 J	< 0.43 UJ	400 J	12 J	39 J	< 0.43 UJ	80 J	520 J	430 J	290 J	73 J	47 J	< 0.43 UJ
OA0201201349-51	48	52	260 J	140 J	260 J	< 0.41 UJ	250 J	< 0.41 UJ	29 J	< 0.41 UJ	53 J	350 J	280 J	190 J	50 J	34 J	< 0.41 UJ
OA0201201353-55	52	56	83 J	42 J	78 J	< 0.33 UJ	83 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	17 J	110 J	81 J	54 J	15 J	9.6 J	< 0.33 UJ
OA0201201357-59	56	60	40 J	21 J	35 J	< 0.30 UJ	37 J	< 0.30 UJ	5.3 J	< 0.30 UJ	8.0 J	45 J	41 J	25 J	5.9 J	5.8 J	< 0.30 UJ
OA0201201361-63	60	64	26 J	15 J	24 J	< 0.29 UJ	26 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	4.9 J	30 J	23 J	14 J	3.9 J	3.5 J	< 0.29 UJ
OA0201201365-67	64	68	14 J	7.4 J	12 J	< 0.28 UJ	17 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.2 J	15 J	12 J	7.8 J	2.3 J	1.6 J	< 0.28 UJ
OA0201201369-71	68	72	13 J	6.3 J	11 J	< 0.28 UJ	11 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.0 J	13 J	11 J	6.5 J	2.1 J	1.4 J	< 0.28 UJ
OA0201201373-75	72	76	2.7 J	1.5 J	2.1 J	< 0.28 UJ	2.8 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.2 J	2.3 J	1.2 J	0.61 J	< 0.28 UJ	< 0.28 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 2 - PCB Results for Core OA02
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA02 (SDG 1758)																			
OA0201201301	0	2	0.81 J	< 0.32 UJ	< 0.32 UJ	4.1 J	2.0 J	9.1 J	2.2 J	4.9 J	< 0.32 UJ	1.8 J	1.2 J	0.62 J	2.1 J	1.3 J	1.8 J	130	260
OA0201201303	2	4	0.67 J	< 0.31 UJ	< 0.31 UJ	3.6 J	1.8 J	7.9 J	1.9 J	3.3 J	< 0.31 UJ	2.5 J	< 0.31 UJ	< 0.31 UJ	2.0 J	1.6 J	1.8 J	98	190
OA0201201305	4	6	0.71 J	< 0.30 UJ	< 0.30 UJ	5.0 J	2.8 J	12 J	2.8 J	5.3 J	< 0.30 UJ	1.9 J	1.4 J	0.51 J	2.6 J	1.4 J	2.2 J	140	300
OA0201201307	6	8	1.5 J	< 0.30 UJ	< 0.30 UJ	6.0 J	3.6 J	13 J	3.2 J	7.8 J	< 0.30 UJ	3.0 J	1.1 J	0.81 J	3.3 J	2.0 J	3.0 J	190	380
OA0201201309-11	8	12	0.82 J	< 0.29 UJ	< 0.29 UJ	5.8 J	3.0 J	14 J	3.1 J	6.9 J	< 0.29 UJ	3.6 J	2.0 J	0.68 J	3.7 J	2.4 J	3.3 J	190	390
OA0201201313-15	12	16	1.9 J	< 0.31 UJ	< 0.31 UJ	9.1 J	5.4 J	23 J	6.1 J	12 J	< 0.31 UJ	4.9 J	2.7 J	1.1 J	4.8 J	< 0.31 UJ	4.1 J	310	650
OA0201201317-19	16	20	3.3 J	< 0.33 UJ	< 0.33 UJ	12 J	6.6 J	32 J	7.2 J	15 J	< 0.33 UJ	6.6 J	3.0 J	1.4 J	7.3 J	< 0.33 UJ	6.4 J	440	880
OA0201201321-23	20	24	2.9 J	< 0.33 UJ	< 0.33 UJ	15 J	7.6 J	34 J	8.1 J	18 J	< 0.33 UJ	8.2 J	3.6 J	1.6 J	7.7 J	4.4 J	6.2 J	500	1,000
OA0201201325-27	24	28	2.1 J	< 0.34 UJ	< 0.34 UJ	17 J	9.0 J	44 J	9.4 J	21 J	< 0.34 UJ	7.0 J	4.7 J	1.2 J	10 J	< 0.34 UJ	8.0 J	590	1,200
OA0201201329-31	28	32	2.7 J	< 0.35 UJ	< 0.35 UJ	16 J	8.3 J	39 J	9.4 J	20 J	< 0.35 UJ	6.1 J	3.1 J	1.4 J	8.3 J	5.5 J	7.7 J	600	1,200
OA0201201333-35	32	36	4.3 J	< 0.36 UJ	< 0.36 UJ	20 J	11 J	47 J	11 J	23 J	< 0.36 UJ	8.7 J	4.9 J	1.9 J	10 J	< 0.36 UJ	9.3 J	750	1,500
OA0201201337-39	36	40	4.3 J	< 0.35 UJ	< 0.35 UJ	25 J	11 J	56 J	12 J	30 J	< 0.35 UJ	10 J	6.7 J	2.3 J	12 J	< 0.35 UJ	13 J	850	1,700
OA0201201341-43	40	44	11 J	< 0.39 UJ	< 0.39 UJ	51 J	25 J	110 J	24 J	53 J	< 0.39 UJ	22 J	11 J	3.8 J	25 J	13 J	16 J	1,800	3,600
OA0201201345-47	44	48	19 J	< 0.43 UJ	12 J	100 J	100 J	230 J	51 J	110 J	< 0.43 UJ	43 J	20 J	8.2 J	53 J	< 0.43 UJ	34 J	2,800	5,700
OA0201201349-51	48	52	8.1 J	< 0.41 UJ	< 0.41 UJ	63 J	33 J	140 J	34 J	66 J	< 0.41 UJ	21 J	12 J	5.3 J	31 J	< 0.41 UJ	25 J	1,700	3,500
OA0201201353-55	52	56	3.6 J	< 0.33 UJ	< 0.33 UJ	18 J	10 J	41 J	10 J	21 J	< 0.33 UJ	6.9 J	4.8 J	1.7 J	9.3 J	< 0.33 UJ	8.4 J	520	1,100
OA0201201357-59	56	60	1.0 J	< 0.30 UJ	< 0.30 UJ	8.1 J	5.3 J	21 J	5.1 J	9.3 J	< 0.30 UJ	3.6 J	1.6 J	1.5 J	4.3 J	< 0.30 UJ	4.3 J	250	500
OA0201201361-63	60	64	0.89 J	< 0.29 UJ	< 0.29 UJ	4.6 J	2.9 J	11 J	2.7 J	5.2 J	< 0.29 UJ	2.8 J	1.3 J	0.80 J	2.2 J	1.5 J	2.3 J	170	340
OA0201201365-67	64	68	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.6 J	1.4 J	5.8 J	1.2 J	2.7 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J	< 0.28 UJ	1.4 J	85	180
OA0201201369-71	68	72	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.4 J	1.0 J	5.5 J	1.5 J	2.6 J	< 0.28 UJ	0.97 J	< 0.28 UJ	< 0.28 UJ	1.2 J	0.77 J	0.94 J	79	160
OA0201201373-75	72	76	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J	0.37 J	0.66 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	16	31

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 3 - PCB Results for Core OA03
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA03 (SDG 1759)																	
OA0301201301	0	2	< 1.3 UJ	< 0.67 UJ	8.3 J	7.0 J	< 0.67 UJ	15 J	8.8 J	18 J	27 J	21 J	12 J	6.0 J	< 0.67 UJ	< 0.67 UJ	16 J
OA0301201303	2	4	< 1.4 UJ	< 0.68 UJ	8.5 J	6.4 J	< 0.68 UJ	15 J	9.7 J	16 J	26 J	22 J	11 J	5.7 J	< 0.68 UJ	< 0.68 UJ	18 J
OA0301201305	4	6	2.2 J	< 0.35 UJ	15 J	8.9 J	< 0.35 UJ	25 J	18 J	29 J	48 J	38 J	20 J	9.3 J	< 0.35 UJ	< 0.35 UJ	33 J
OA0301201307	6	8	2.0 J	< 0.71 UJ	13 J	8.7 J	< 0.71 UJ	26 J	16 J	27 J	47 J	36 J	19 J	10 J	< 0.71 UJ	< 0.71 UJ	33 J
OA0301201309-11	8	12	5.2 J	< 0.42 UJ	31 J	21 J	< 0.42 UJ	67 J	42 J	71 J	120 J	74 J	42 J	23 J	< 0.42 UJ	< 0.42 UJ	61 J
OA0301201313-15	12	16	15 J	< 0.47 UJ	37 J	27 J	< 0.47 UJ	130 J	84 J	140 J	230 J	150 J	84 J	38 J	< 0.47 UJ	< 0.47 UJ	140 J
OA0301201317-19	16	20	< 0.97 UJ	130 J	180 J	180 J	40 J	480 J	200 J	360 J	430 J	470 J	260 J	68 J	< 0.48 UJ	< 0.48 UJ	310 J
OA0301201321-23	20	24	< 1.1 UJ	270 J	320 J	410 J	61 J	620 J	320 J	680 J	720 J	860 J	430 J	100 J	< 0.55 UJ	< 0.55 UJ	440 J
OA0301201325-27	24	28	55 J	260 J	280 J	310 J	100 J	430 J	230 J	490 J	480 J	580 J	280 J	67 J	< 0.48 UJ	< 0.48 UJ	320 J
OA0301201329-31	28	32	< 0.76 UJ	66 J	72 J	100 J	37 J	170 J	85 J	190 J	200 J	220 J	99 J	33 J	< 0.38 UJ	< 0.38 UJ	120 J
OA0301201333-35	32	36	< 0.61 UJ	< 0.30 UJ	21 J	28 J	8.4 J	49 J	28 J	61 J	65 J	63 J	33 J	11 J	< 0.30 UJ	< 0.30 UJ	37 J
OA0301201337-39	36	40	2.8 J	7.2 J	9.4 J	11 J	3.7 J	18 J	10 J	20 J	21 J	23 J	11 J	3.9 J	< 0.28 UJ	< 0.28 UJ	12 J
OA0301201341-43	40	44	< 0.57 UJ	< 0.29 UJ	0.51 J	0.47 J	< 0.29 UJ	0.59 J	0.56 J	0.75 J	0.71 J	0.81 J	0.52 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.89 J
OA0301201345-47	44	48	< 0.55 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.83 J	0.50 J	1.0 J	0.70 J	0.68 J	0.42 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.99 J
OA0301201349-51	48	52	< 0.55 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA0301201353-55	52	56	< 0.57 UJ	< 0.29 UJ	1.3 J	1.1 J	< 0.29 UJ	2.5 J	1.9 J	3.0 J	3.7 J	3.4 J	1.7 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.5 J
OA0301201357-59	56	60	< 0.55 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 3 - PCB Results for Core OA03
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA03 (SDG 1759)																	
OA0301201301	0	2	30 J	19 J	31 J	< 0.67 UJ	35 J	< 0.67 UJ	< 0.67 UJ	< 0.67 UJ	8.3 J	38 J	37 J	21 J	5.1 J	5.1 J	< 0.67 UJ
OA0301201303	2	4	36 J	22 J	35 J	< 0.68 UJ	41 J	< 0.68 UJ	< 0.68 UJ	< 0.68 UJ	7.7 J	49 J	45 J	26 J	6.5 J	5.7 J	< 0.68 UJ
OA0301201305	4	6	67 J	33 J	64 J	< 0.35 UJ	64 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	16 J	83 J	77 J	48 J	12 J	9.8 J	< 0.35 UJ
OA0301201307	6	8	64 J	37 J	62 J	< 0.71 UJ	68 J	< 0.71 UJ	< 0.71 UJ	< 0.71 UJ	14 J	88 J	78 J	47 J	11 J	11 J	< 0.71 UJ
OA0301201309-11	8	12	150 J	65 J	150 J	< 0.42 UJ	130 J	< 0.42 UJ	< 0.42 UJ	< 0.42 UJ	27 J	200 J	180 J	120 J	31 J	20 J	< 0.42 UJ
OA0301201313-15	12	16	280 J	120 J	290 J	< 0.47 UJ	260 J	< 0.47 UJ	< 0.47 UJ	< 0.47 UJ	43 J	39 J	240 J	170 J	42 J	33 J	< 0.47 UJ
OA0301201317-19	16	20	550 J	290 J	540 J	< 0.48 UJ	540 J	< 0.48 UJ	< 0.48 UJ	< 0.48 UJ	91 J	620 J	560 J	350 J	100 J	69 J	< 0.48 UJ
OA0301201321-23	20	24	980 J	400 J	950 J	< 0.55 UJ	940 J	< 0.55 UJ	< 0.55 UJ	< 0.55 UJ	160 J	950 J	850 J	610 J	150 J	100 J	< 0.55 UJ
OA0301201325-27	24	28	670 J	290 J	640 J	< 0.48 UJ	660 J	< 0.48 UJ	< 0.48 UJ	< 0.48 UJ	120 J	700 J	650 J	410 J	110 J	77 J	< 0.48 UJ
OA0301201329-31	28	32	190 J	120 J	280 J	< 0.38 UJ	250 J	< 0.38 UJ	< 0.38 UJ	< 0.38 UJ	51 J	330 J	300 J	200 J	53 J	35 J	< 0.38 UJ
OA0301201333-35	32	36	80 J	39 J	85 J	< 0.30 UJ	82 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	17 J	98 J	91 J	56 J	15 J	10 J	< 0.30 UJ
OA0301201337-39	36	40	28 J	15 J	28 J	< 0.28 UJ	27 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	5.3 J	32 J	28 J	18 J	4.9 J	4.3 J	< 0.28 UJ
OA0301201341-43	40	44	1.1 J	0.39 J	1.2 J	< 0.29 UJ	1.2 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.3 J	0.97 J	0.75 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ
OA0301201345-47	44	48	1.7 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.2 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.8 J	1.5 J	0.91 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA0301201349-51	48	52	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.55 UJ	< 0.55 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA0301201353-55	52	56	5.0 J	2.7 J	4.1 J	< 0.29 UJ	4.9 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	5.5 J	4.7 J	2.7 J	0.92 J	0.68 J	< 0.29 UJ
OA0301201357-59	56	60	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.55 UJ	< 0.55 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 3 - PCB Results for Core OA03
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs	
Outfall ID OA03 (SDG 1759)																				
OA0301201301	0	2	< 0.67 UJ	< 0.67 UJ	< 0.67 UJ	10 J	4.3 J	17 J	4.5 J	9.1 J	< 0.67 UJ	5.8 J	2.3 J	1.1 J	5.5 J	3.7 J	3.9 J	220	440	
OA0301201303	2	4	1.3 J	< 0.68 UJ	< 0.68 UJ	11 J	8.5 J	27 J	6.2 J	13 J	< 0.68 UJ	7.3 J	3.0 J	1.6 J	6.6 J	3.9 J	5.7 J	250	510	
OA0301201305	4	6	2.4 J	< 0.35 UJ	< 0.35 UJ	21 J	9.5 J	43 J	9.2 J	20 J	< 0.35 UJ	11 J	5.5 J	2.2 J	11 J	7.6 J	9.8 J	440	870	
OA0301201307	6	8	2.0 J	< 0.71 UJ	< 0.71 UJ	19 J	10 J	47 J	10 J	23 J	< 0.71 UJ	11 J	6.3 J	2.4 J	11 J	7.2 J	9.5 J	440	880	
OA0301201309-11	8	12	16 J	< 0.42 UJ	26 J	85 J	28 J	140 J	36 J	70 J	19 J	50 J	20 J	10 J	89 J	320 J	120 J	1,600	2,700	
OA0301201313-15	12	16	14 J	< 0.47 UJ	< 0.47 UJ	95 J	27 J	130 J	29 J	70 J	< 0.47 UJ	43 J	22 J	5.4 J	37 J	21 J	42 J	1,700	3,100	
OA0301201317-19	16	20	< 0.48 UJ	< 0.48 UJ	< 0.48 UJ	130 J	42 J	270 J	57 J	130 J	< 0.48 UJ	83 J	43 J	8.8 J	66 J	57 J	75 J	3,900	7,800	
OA0301201321-23	20	24	< 0.55 UJ	< 0.55 UJ	< 0.55 UJ	250 J	64 J	460 J	99 J	200 J	< 0.55 UJ	130 J	65 J	16 J	120 J	85 J	60 J	6,300	13,000	
OA0301201325-27	24	28	< 0.48 UJ	< 0.48 UJ	< 0.48 UJ	180 J	46 J	330 J	74 J	160 J	< 0.48 UJ	110 J	38 J	9.2 J	100 J	84 J	69 J	4,700	9,400	
OA0301201329-31	28	32	8.2 J	< 0.38 UJ	< 0.38 UJ	75 J	32 J	160 J	36 J	81 J	< 0.38 UJ	35 J	21 J	8.3 J	37 J	26 J	24 J	1,800	3,700	
OA0301201333-35	32	36	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	17 J	11 J	46 J	11 J	25 J	< 0.30 UJ	11 J	7.6 J	2.2 J	10 J	7.8 J	8.9 J	560	1,100	
OA0301201337-39	36	40	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	6.0 J	3.5 J	15 J	3.2 J	7.3 J	< 0.28 UJ	2.5 J	1.7 J	0.95 J	3.3 J	3.2 J	2.8 J	200	390	
OA0301201341-43	40	44	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.62 J	0.21 J	0.29 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.54 J	0.96 J	7.4	15	
OA0301201345-47	44	48	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.71 J	< 0.28 UJ	0.55 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.3 J	1.3 J	9.6	16
OA0301201349-51	48	52	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	ND	ND	
OA0301201353-55	52	56	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.3 J	0.63 J	2.2 J	0.60 J	1.2 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	28	58	
OA0301201357-59	56	60	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	ND	ND	

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
UJ - Not detected
UJ - At an estimated reporting limit

Table 4 - PCB Results for Core OA04
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>															
			005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA04 (SDG 1820)																	
OA0401201307	6	8	< 1.4 UJ	< 0.70 UJ	17 J	12 J	< 0.70 UJ	24 J	19 J	27 J	43 J	38 J	22 J	10 J	< 0.70 UJ	< 0.70 UJ	28 J
OA0401201309-11	8	12	< 0.77 UJ	< 0.38 UJ	26 J	15 J	< 0.38 UJ	57 J	36 J	58 J	96 J	72 J	45 J	24 J	< 0.38 UJ	< 0.38 UJ	63 J
OA0401201313-15	12	16	17 J	58 J	110 J	73 J	26 J	250 J	150 J	250 J	340 J	250 J	160 J	48 J	< 0.48 UJ	< 0.48 UJ	180 J
OA0401201317-19	16	20	26 J	130 J	160 J	170 J	34 J	340 J	190 J	370 J	360 J	430 J	210 J	55 J	< 0.50 UJ	< 0.50 UJ	200 J
OA0401201321-23	20	24	19 J	110 J	130 J	160 J	35 J	290 J	170 J	320 J	320 J	390 J	180 J	56 J	< 0.50 UJ	< 0.50 UJ	190 J
OA0401201325-27	24	28	6.8 J	36 J	41 J	53 J	14 J	92 J	53 J	110 J	100 J	130 J	60 J	22 J	< 0.36 UJ	< 0.36 UJ	67 J
OA0401201329-31	28	32	6.2 J	28 J	37 J	37 J	10 J	74 J	48 J	79 J	87 J	99 J	48 J	18 J	< 0.33 UJ	< 0.33 UJ	51 J
OA0401201333-35	32	36	1.3 J	3.7 J	4.0 J	4.4 J	1.1 J	7.0 J	4.7 J	8.6 J	9.2 J	9.0 J	4.8 J	1.4 J	< 0.28 UJ	< 0.28 UJ	6.1 J
OA0401201337-39	36	40	< 0.56 UJ	< 0.28 UJ	1.5 J	1.4 J	< 0.28 UJ	2.9 J	2.1 J	3.0 J	3.2 J	3.0 J	1.7 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.6 J
OA0401201341-43	40	44	1.1 J	2.7 J	2.8 J	2.5 J	1.0 J	4.6 J	3.1 J	5.4 J	5.5 J	6.1 J	3.0 J	2.3 J	< 0.28 UJ	< 0.28 UJ	5.1 J
OA0401201345-47	44	48	< 0.56 UJ	< 0.28 UJ	1.5 J	1.1 J	< 0.28 UJ	2.1 J	1.4 J	2.7 J	3.1 J	3.0 J	1.6 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.3 J
OA0401201349-51	48	52	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA0401201353-55	52	56	0.30 J	< 0.27 UJ	0.64 J	0.45 J	< 0.27 UJ	0.88 J	0.59 J	0.73 J	0.99 J	1.0 J	0.62 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.80 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 4 - PCB Results for Core OA04
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>101</i>	<i>105</i>	<i>110</i>	<i>114</i>	<i>118</i>	<i>119</i>	<i>123</i>	<i>126</i>	<i>128</i>	<i>132/153</i>	<i>138/158</i>	<i>149</i>	<i>151</i>	<i>156</i>	<i>157</i>
Outfall ID OA04 (SDG 1820)																	
OA0401201307	6	8	56 J	30 J	50 J	< 0.70 UJ	57 J	< 0.70 UJ	< 0.70 UJ	< 0.70 UJ	12 J	61 J	60 J	36 J	9.0 J	8.8 J	< 0.70 UJ
OA0401201309-11	8	12	130 J	70 J	120 J	< 0.38 UJ	130 J	< 0.38 UJ	< 0.38 UJ	< 0.38 UJ	27 J	130 J	130 J	79 J	19 J	15 J	< 0.38 UJ
OA0401201313-15	12	16	370 J	150 J	380 J	< 0.48 UJ	290 J	< 0.48 UJ	< 0.48 UJ	< 0.48 UJ	57 J	290 J	290 J	190 J	51 J	37 J	< 0.48 UJ
OA0401201317-19	16	20	430 J	190 J	420 J	< 0.50 UJ	370 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	70 J	350 J	350 J	230 J	56 J	42 J	< 0.50 UJ
OA0401201321-23	20	24	380 J	190 J	410 J	< 0.50 UJ	370 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	74 J	410 J	390 J	260 J	67 J	41 J	< 0.50 UJ
OA0401201325-27	24	28	160 J	78 J	160 J	< 0.36 UJ	150 J	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	30 J	180 J	170 J	110 J	28 J	19 J	< 0.36 UJ
OA0401201329-31	28	32	120 J	60 J	120 J	< 0.33 UJ	110 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	25 J	140 J	130 J	87 J	23 J	14 J	< 0.33 UJ
OA0401201333-35	32	36	13 J	6.4 J	12 J	< 0.28 UJ	13 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.6 J	13 J	13 J	7.8 J	2.3 J	1.5 J	< 0.28 UJ
OA0401201337-39	36	40	5.3 J	2.8 J	5.0 J	< 0.28 UJ	5.1 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.1 J	6.0 J	5.1 J	3.2 J	0.92 J	0.99 J	< 0.28 UJ
OA0401201341-43	40	44	11 J	5.8 J	11 J	< 0.28 UJ	10 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.4 J	14 J	12 J	8.3 J	2.1 J	1.8 J	< 0.28 UJ
OA0401201345-47	44	48	4.0 J	2.2 J	3.8 J	< 0.28 UJ	4.7 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	4.4 J	3.9 J	2.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA0401201349-51	48	52	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.72 J	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA0401201353-55	52	56	1.5 J	0.70 J	1.4 J	< 0.27 UJ	1.6 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.6 J	1.8 J	0.86 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 4 - PCB Results for Core OA04
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA04 (SDG 1820)																			
OA0401201307	6	8	1.6 J	< 0.70 UJ	< 0.70 UJ	16 J	7.2 J	31 J	7.6 J	18 J	< 0.70 UJ	8.3 J	< 0.70 UJ	1.9 J	9.5 J	9.5 J	9.0 J	370	740
OA0401201309-11	8	12	4.3 J	< 0.38 UJ	< 0.38 UJ	27 J	14 J	67 J	14 J	35 J	< 0.38 UJ	14 J	7.9 J	3.0 J	14 J	7.0 J	19 J	800	1,600
OA0401201313-15	12	16	< 0.48 UJ	240 J	< 0.48 UJ	98 J	27 J	160 J	32 J	72 J	< 0.48 UJ	50 J	26 J	5.5 J	39 J	29 J	59 J	2,400	4,900
OA0401201317-19	16	20	16 J	< 0.50 UJ	< 0.50 UJ	80 J	33 J	160 J	35 J	77 J	< 0.50 UJ	32 J	18 J	6.0 J	37 J	24 J	19 J	2,900	5,700
OA0401201321-23	20	24	12 J	< 0.50 UJ	< 0.50 UJ	99 J	45 J	210 J	46 J	110 J	< 0.50 UJ	45 J	20 J	7.3 J	49 J	29 J	28 J	2,800	5,700
OA0401201325-27	24	28	3.7 J	< 0.36 UJ	< 0.36 UJ	40 J	20 J	86 J	20 J	44 J	< 0.36 UJ	17 J	12 J	3.3 J	20 J	12 J	16 J	1,100	2,200
OA0401201329-31	28	32	3.2 J	< 0.33 UJ	< 0.33 UJ	38 J	19 J	84 J	22 J	38 J	< 0.33 UJ	19 J	8.6 J	3.6 J	21 J	11 J	13 J	870	1,700
OA0401201333-35	32	36	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.9 J	< 0.28 UJ	6.1 J	1.5 J	3.5 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.6 J	1.5 J	2.6 J	87	170
OA0401201337-39	36	40	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.3 J	0.83 J	2.5 J	0.61 J	1.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.9 J	33	65
OA0401201341-43	40	44	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.9 J	1.6 J	6.8 J	1.2 J	3.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.6 J	1.4 J	1.8 J	73	140
OA0401201345-47	44	48	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.85 J	< 0.28 UJ	2.0 J	0.65 J	0.93 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	23	49
OA0401201349-51	48	52	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	ND	0.72
OA0401201353-55	52	56	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.95 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	8.2	17

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 5 - PCB Results for Core OA05
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA05 (SDG 1823)																	
OA0501201301	0	2	1.2 J	4.7 J	6.2 J	7.4 J	5.1 J	13 J	9.3 J	14 J	21 J	23 J	10 J	4.1 J	< 0.98 UJ	< 0.98 UJ	11 J
OA0501201303	2	4	1.0 J	7.2 J	6.2 J	8.2 J	3.6 J	13 J	11 J	15 J	21 J	23 J	10 J	4.5 J	< 0.38 UJ	< 0.38 UJ	11 J
OA0501201305	4	6	1.2 J	6.8 J	7.7 J	7.6 J	2.9 J	14 J	8.6 J	16 J	21 J	23 J	11 J	4.6 J	< 0.33 UJ	< 0.33 UJ	12 J
OA0501201307	6	8	1.7 J	9.5 J	10 J	9.9 J	7.2 J	17 J	13 J	23 J	28 J	31 J	15 J	6.6 J	< 1.5 UJ	< 1.5 UJ	14 J
OA0501201309-11	8	12	3.4 J	14 J	17 J	19 J	5.4 J	29 J	21 J	35 J	45 J	52 J	23 J	9.1 J	< 0.37 UJ	< 0.37 UJ	24 J
OA0501201313-15	12	16	3.0 J	18 J	19 J	19 J	5.6 J	34 J	23 J	38 J	44 J	51 J	23 J	8.8 J	< 0.35 UJ	< 0.35 UJ	26 J
OA0501201317-19	16	20	7.6 J	34 J	34 J	30 J	11 J	77 J	47 J	83 J	99 J	120 J	56 J	16 J	< 0.39 UJ	< 0.39 UJ	53 J
OA0501201321-23	20	24	18 J	75 J	87 J	95 J	25 J	150 J	100 J	170 J	190 J	230 J	110 J	< 0.43 UJ	< 0.43 UJ	< 0.43 UJ	91 J
OA0501201325-27	24	28	17 J	76 J	88 J	120 J	29 J	170 J	110 J	200 J	230 J	250 J	130 J	42 J	< 0.45 UJ	< 0.45 UJ	110 J
OA0501201329-31	28	32	62 J	310 J	340 J	390 J	76 J	630 J	370 J	730 J	750 J	900 J	370 J	100 J	< 0.51 UJ	< 0.51 UJ	300 J
OA0501201333-35	32	36	50 J	410 J	460 J	640 J	120 J	810 J	480 J	960 J	940 J	1,200 J	520 J	130 J	< 0.47 UJ	< 0.47 UJ	430 J
OA0501201337-39	36	40	35 J	310 J	450 J	470 J	82 J	630 J	400 J	710 J	700 J	850 J	380 J	85 J	< 0.47 UJ	< 0.47 UJ	270 J
OA0501201341-43	40	44	22 J	160 J	160 J	190 J	56 J	280 J	170 J	340 J	310 J	400 J	170 J	52 J	< 0.50 UJ	< 0.50 UJ	160 J
OA0501201345-47	44	48	21 J	120 J	120 J	160 J	50 J	210 J	120 J	260 J	230 J	300 J	130 J	38 J	< 0.44 UJ	< 0.44 UJ	130 J
OA0501201349-51	48	52	11 J	66 J	73 J	120 J	29 J	160 J	100 J	190 J	180 J	240 J	100 J	36 J	< 0.45 UJ	< 0.45 UJ	110 J
OA0501201353-55	52	56	5.2 J	38 J	36 J	48 J	22 J	74 J	49 J	100 J	87 J	120 J	49 J	20 J	< 0.42 UJ	< 0.42 UJ	63 J
OA0501201357-59	56	60	2.3 J	11 J	9.7 J	14 J	6.2 J	22 J	14 J	27 J	26 J	33 J	14 J	6.9 J	< 0.34 UJ	< 0.34 UJ	19 J
OA0501201361-63	60	64	1.5 J	6.9 J	8.1 J	12 J	5.0 J	20 J	12 J	23 J	24 J	31 J	13 J	5.9 J	< 0.31 UJ	< 0.31 UJ	15 J
OA0501201365-67	64	68	1.4 J	7.5 J	7.1 J	8.5 J	2.6 J	12 J	8.2 J	15 J	15 J	19 J	8.0 J	3.2 J	< 0.29 UJ	< 0.29 UJ	8.0 J
OA0501201369-71	68	72	0.55 J	2.1 J	2.2 J	2.6 J	0.55 J	4.2 J	2.6 J	4.7 J	4.6 J	5.5 J	2.5 J	0.94 J	< 0.27 UJ	< 0.27 UJ	2.3 J
OA0501201373-75	72	76	0.42 J	1.9 J	1.5 J	2.0 J	0.50 J	3.0 J	1.6 J	3.7 J	3.1 J	3.6 J	1.6 J	0.57 J	< 0.28 UJ	< 0.28 UJ	1.8 J
OA0501201377-79	76	80	< 0.54 UJ	0.35 J	0.32 J	0.27 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.45 J	0.33 J	0.50 J	0.19 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.22 J
OA0501201381-83	80	84	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	0.24 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.32 J	0.38 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 5 - PCB Results for Core OA05
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA05 (SDG 1823)																	
OA0501201301	0	2	25 J	15 J	20 J	< 0.98 UJ	23 J	2.0 J	< 0.98 UJ	< 0.98 UJ	4.7 J	23 J	21 J	12 J	3.6 J	3.7 J	4.7 J
OA0501201303	2	4	26 J	17 J	24 J	1.5 J	25 J	< 0.38 UJ	< 0.38 UJ	< 0.38 UJ	5.4 J	27 J	25 J	13 J	3.5 J	3.0 J	< 0.38 UJ
OA0501201305	4	6	24 J	18 J	23 J	< 0.33 UJ	25 J	< 0.33 UJ	3.0 J	< 0.33 UJ	4.4 J	25 J	24 J	13 J	3.5 J	3.0 J	< 0.33 UJ
OA0501201307	6	8	34 J	20 J	30 J	< 1.5 UJ	38 J	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ	8.7 J	34 J	28 J	17 J	4.8 J	4.7 J	< 1.5 UJ
OA0501201309-11	8	12	53 J	34 J	47 J	< 0.37 UJ	53 J	< 0.37 UJ	8.3 J	< 0.37 UJ	8.8 J	54 J	46 J	27 J	6.7 J	7.4 J	< 0.37 UJ
OA0501201313-15	12	16	57 J	39 J	50 J	< 0.35 UJ	53 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	9.3 J	55 J	51 J	28 J	8.1 J	7.4 J	< 0.35 UJ
OA0501201317-19	16	20	110 J	68 J	97 J	< 0.39 UJ	97 J	< 0.39 UJ	< 0.39 UJ	< 0.39 UJ	17 J	100 J	93 J	59 J	14 J	11 J	< 0.39 UJ
OA0501201321-23	20	24	230 J	130 J	180 J	< 0.43 UJ	180 J	< 0.43 UJ	< 0.43 UJ	< 0.43 UJ	32 J	190 J	170 J	100 J	25 J	23 J	< 0.43 UJ
OA0501201325-27	24	28	230 J	150 J	220 J	< 0.45 UJ	220 J	< 0.45 UJ	26 J	< 0.45 UJ	35 J	210 J	190 J	120 J	28 J	28 J	< 0.45 UJ
OA0501201329-31	28	32	760 J	360 J	690 J	< 0.51 UJ	700 J	35 J	< 0.51 UJ	< 0.51 UJ	88 J	530 J	470 J	310 J	75 J	58 J	< 0.51 UJ
OA0501201333-35	32	36	870 J	470 J	770 J	< 0.47 UJ	770 J	39 J	110 J	< 0.47 UJ	110 J	610 J	540 J	340 J	80 J	68 J	40 J
OA0501201337-39	36	40	620 J	310 J	570 J	< 0.47 UJ	540 J	27 J	< 0.47 UJ	< 0.47 UJ	76 J	420 J	380 J	240 J	54 J	50 J	27 J
OA0501201341-43	40	44	370 J	190 J	350 J	< 0.50 UJ	320 J	< 0.50 UJ	45 J	< 0.50 UJ	59 J	340 J	300 J	180 J	43 J	36 J	22 J
OA0501201345-47	44	48	290 J	140 J	260 J	< 0.44 UJ	230 J	< 0.44 UJ	30 J	< 0.44 UJ	45 J	280 J	240 J	140 J	36 J	27 J	15 J
OA0501201349-51	48	52	250 J	130 J	240 J	< 0.45 UJ	230 J	< 0.45 UJ	32 J	< 0.45 UJ	46 J	290 J	240 J	160 J	41 J	28 J	18 J
OA0501201353-55	52	56	150 J	74 J	140 J	< 0.42 UJ	140 J	13 J	20 J	< 0.42 UJ	30 J	190 J	150 J	95 J	24 J	18 J	< 0.42 UJ
OA0501201357-59	56	60	47 J	23 J	44 J	< 0.34 UJ	44 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	9.9 J	60 J	50 J	34 J	8.8 J	4.5 J	< 0.34 UJ
OA0501201361-63	60	64	36 J	18 J	32 J	< 0.31 UJ	34 J	< 0.31 UJ	5.4 J	< 0.31 UJ	5.6 J	40 J	34 J	21 J	5.5 J	3.9 J	< 0.31 UJ
OA0501201365-67	64	68	17 J	8.5 J	16 J	1.5 J	16 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.6 J	14 J	12 J	8.4 J	2.0 J	1.6 J	< 0.29 UJ
OA0501201369-71	68	72	5.7 J	3.1 J	4.9 J	< 0.27 UJ	5.5 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.2 J	5.6 J	4.7 J	3.0 J	0.94 J	0.65 J	< 0.27 UJ
OA0501201373-75	72	76	3.6 J	2.7 J	3.0 J	< 0.28 UJ	3.2 J	< 0.28 UJ	0.30 J	< 0.28 UJ	0.74 J	3.4 J	3.1 J	2.0 J	0.66 J	< 0.28 UJ	< 0.28 UJ
OA0501201377-79	76	80	0.53 J	< 0.27 UJ	0.40 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.52 J	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA0501201381-83	80	84	0.40 J	< 0.27 UJ	0.35 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.28 J	0.36 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 5 - PCB Results for Core OA05
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA05 (SDG 1823)																			
OA0501201301	0	2	< 0.98 UJ	< 0.98 UJ	< 0.98 UJ	2.9 J	2.3 J	12 J	2.4 J	5.2 J	< 0.98 UJ	2.5 J	< 0.98 UJ	< 0.98 UJ	2.2 J	1.3 J	1.5 J	160	320
OA0501201303	2	4	< 0.38 UJ	< 0.38 UJ	< 0.38 UJ	4.9 J	3.2 J	11 J	2.6 J	5.7 J	< 0.38 UJ	1.6 J	0.80 J	0.67 J	2.3 J	1.3 J	1.5 J	170	340
OA0501201305	4	6	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	4.2 J	2.7 J	12 J	2.3 J	5.1 J	< 0.33 UJ	< 0.33 UJ	1.3 J	0.72 J	2.0 J	1.3 J	1.6 J	170	340
OA0501201307	6	8	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ	4.9 J	2.9 J	16 J	3.6 J	6.7 J	< 1.5 UJ	4.9 J	< 1.5 UJ	< 1.5 UJ	3.7 J	< 1.5 UJ	< 1.5 UJ	220	450
OA0501201309-11	8	12	2.4 J	< 0.37 UJ	< 0.37 UJ	7.3 J	5.0 J	24 J	5.0 J	10 J	< 0.37 UJ	3.5 J	< 0.37 UJ	1.3 J	4.4 J	2.4 J	2.6 J	360	710
OA0501201313-15	12	16	1.6 J	< 0.35 UJ	< 0.35 UJ	9.7 J	4.3 J	23 J	5.6 J	14 J	< 0.35 UJ	4.4 J	3.4 J	0.72 J	5.0 J	2.4 J	3.6 J	380	750
OA0501201317-19	16	20	3.1 J	< 0.39 UJ	< 0.39 UJ	18 J	8.4 J	39 J	10 J	23 J	< 0.39 UJ	8.5 J	< 0.39 UJ	1.6 J	9.4 J	3.8 J	7.1 J	740	1,500
OA0501201321-23	20	24	9.4 J	< 0.43 UJ	< 0.43 UJ	31 J	16 J	73 J	16 J	37 J	< 0.43 UJ	11 J	9.4 J	3.6 J	16 J	6.7 J	12 J	1,400	2,800
OA0501201325-27	24	28	7.0 J	< 0.45 UJ	< 0.45 UJ	39 J	16 J	78 J	17 J	38 J	< 0.45 UJ	14 J	5.7 J	3.1 J	16 J	6.9 J	13 J	1,700	3,300
OA0501201329-31	28	32	19 J	400 J	< 0.51 UJ	96 J	41 J	190 J	43 J	96 J	< 0.51 UJ	39 J	21 J	7.8 J	50 J	18 J	20 J	5,100	10,000
OA0501201333-35	32	36	22 J	< 0.47 UJ	< 0.47 UJ	94 J	40 J	200 J	42 J	100 J	< 0.47 UJ	35 J	18 J	6.5 J	44 J	18 J	11 J	6,300	13,000
OA0501201337-39	36	40	24 J	< 0.47 UJ	< 0.47 UJ	65 J	31 J	140 J	27 J	57 J	< 0.47 UJ	23 J	12 J	4.6 J	31 J	14 J	8.2 J	4,600	9,100
OA0501201341-43	40	44	8.1 J	< 0.50 UJ	< 0.50 UJ	58 J	26 J	120 J	29 J	55 J	< 0.50 UJ	22 J	11 J	3.8 J	26 J	14 J	6.7 J	2,600	5,100
OA0501201345-47	44	48	5.7 J	210 J	< 0.44 UJ	49 J	27 J	110 J	25 J	49 J	< 0.44 UJ	20 J	10 J	3.3 J	23 J	11 J	5.9 J	2,000	4,200
OA0501201349-51	48	52	15 J	< 0.45 UJ	< 0.45 UJ	56 J	27 J	120 J	28 J	59 J	< 0.45 UJ	21 J	12 J	4.2 J	26 J	11 J	9.7 J	1,700	3,500
OA0501201353-55	52	56	4.6 J	< 0.42 UJ	< 0.42 UJ	31 J	19 J	75 J	19 J	37 J	< 0.42 UJ	14 J	7.9 J	3.2 J	17 J	9.6 J	11 J	970	2,000
OA0501201357-59	56	60	1.3 J	< 0.34 UJ	< 0.34 UJ	10 J	6.3 J	25 J	6.5 J	13 J	< 0.34 UJ	4.2 J	1.7 J	1.7 J	5.5 J	3.5 J	4.3 J	300	610
OA0501201361-63	60	64	0.69 J	< 0.31 UJ	< 0.31 UJ	6.2 J	3.9 J	16 J	4.0 J	8.1 J	< 0.31 UJ	2.7 J	1.7 J	0.65 J	3.4 J	2.0 J	2.6 J	230	460
OA0501201365-67	64	68	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.8 J	1.5 J	6.2 J	1.4 J	2.6 J	< 0.29 UJ	1.5 J	0.96 J	< 0.29 UJ	1.7 J	0.65 J	1.1 J	120	240
OA0501201369-71	68	72	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.3 J	0.71 J	2.8 J	0.66 J	1.6 J	< 0.27 UJ	1.1 J	0.46 J	< 0.27 UJ	0.81 J	< 0.27 UJ	< 0.27 UJ	40	80
OA0501201373-75	72	76	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.80 J	0.35 J	1.5 J	0.56 J	0.73 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.44 J	< 0.28 UJ	< 0.28 UJ	27	52
OA0501201377-79	76	80	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.0	4.1
OA0501201381-83	80	84	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.1	2.3

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 6 - PCB Results for Core OA05R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA05 (SDG 1822)																	
OA0502201301	0	2	1.1 J	5.7 J	12 J	10 J	4.1 J	21 J	12 J	25 J	29 J	31 J	16 J	5.1 J	< 0.45 UJ	< 0.45 UJ	15 J
OA0502201303	2	4	1.5 J	8.9 J	16 J	15 J	5.5 J	32 J	20 J	35 J	43 J	48 J	22 J	9.0 J	< 0.60 UJ	< 0.60 UJ	24 J
OA0502201305	4	6	1.6 J	6.3 J	14 J	11 J	4.1 J	24 J	14 J	27 J	34 J	35 J	18 J	6.9 J	< 0.45 UJ	< 0.45 UJ	17 J
OA0502201307	6	8	3.1 J	7.6 J	16 J	16 J	4.9 J	28 J	17 J	30 J	39 J	39 J	19 J	6.6 J	< 1.5 UJ	< 1.5 UJ	20 J
OA0502201309-11	8	12	3.8 J	22 J	30 J	27 J	10 J	49 J	32 J	54 J	64 J	72 J	34 J	14 J	< 1.4 UJ	< 1.4 UJ	34 J
OA0502201313-15	12	16	5.0 J	26 J	33 J	33 J	9.2 J	59 J	40 J	60 J	82 J	86 J	45 J	10 J	< 1.4 UJ	< 1.4 UJ	43 J
OA0502201317-19	16	20	< 3.0 UJ	< 1.5 UJ	55 J	47 J	< 1.5 UJ	95 J	55 J	96 J	120 J	120 J	69 J	24 J	< 1.5 UJ	< 1.5 UJ	68 J
OA0502201321-23	20	24	9.8 J	42 J	65 J	51 J	21 J	110 J	71 J	120 J	150 J	150 J	87 J	32 J	< 1.7 UJ	< 1.7 UJ	84 J
OA0502201325-27	24	28	12 J	71 J	110 J	87 J	34 J	180 J	130 J	210 J	260 J	250 J	150 J	47 J	< 1.8 UJ	< 1.8 UJ	130 J
OA0502201329-31	28	32	31 J	170 J	230 J	240 J	63 J	430 J	270 J	440 J	520 J	590 J	300 J	95 J	< 1.8 UJ	< 1.8 UJ	240 J
OA0502201333-35	32	36	74 J	430 J	600 J	620 J	180 J	1,100 J	650 J	1,300 J	1,200 J	1,500 J	700 J	160 J	< 1.8 UJ	< 1.8 UJ	550 J
OA0502201337-39	36	40	99 J	850 J	870 J	1,200 J	250 J	2,000 J	1,200 J	1,900 J	1,700 J	2,200 J	1,100 J	250 J	< 4.1 UJ	< 4.1 UJ	740 J
OA0502201341-43	40	44	58 J	460 J	490 J	620 J	190 J	960 J	580 J	1,100 J	970 J	1,300 J	580 J	150 J	< 2.1 UJ	< 2.1 UJ	490 J
OA0502201345-47	44	48	18 J	120 J	160 J	190 J	53 J	290 J	170 J	350 J	320 J	420 J	190 J	64 J	< 1.6 UJ	< 1.6 UJ	170 J
OA0502201349-51	48	52	18 J	130 J	180 J	220 J	65 J	370 J	230 J	460 J	430 J	540 J	240 J	83 J	< 1.9 UJ	< 1.9 UJ	250 J
OA0502201353-55	52	56	13 J	82 J	110 J	140 J	44 J	230 J	140 J	300 J	250 J	350 J	150 J	57 J	< 1.8 UJ	< 1.8 UJ	180 J
OA0502201357-59	56	60	< 0.77 UJ	29 J	27 J	30 J	9.7 J	48 J	33 J	73 J	52 J	75 J	31 J	18 J	< 0.39 UJ	< 0.39 UJ	51 J
OA0502201361-63	60	64	1.8 J	8.6 J	12 J	12 J	4.4 J	21 J	12 J	27 J	23 J	28 J	13 J	6.0 J	< 0.30 UJ	< 0.30 UJ	16 J
OA0502201365-67	64	68	0.46 J	< 0.28 UJ	0.81 J	0.74 J	< 0.28 UJ	1.2 J	0.77 J	1.4 J	1.0 J	1.3 J	0.64 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.0 J
OA0502201369-71	68	72	1.4 J	6.6 J	8.0 J	9.0 J	2.1 J	15 J	9.5 J	18 J	17 J	22 J	10 J	3.2 J	< 0.29 UJ	< 0.29 UJ	9.6 J
OA0502201373-75	72	76	0.99 J	2.8 J	2.8 J	3.0 J	0.73 J	4.6 J	3.5 J	5.5 J	5.4 J	6.1 J	3.3 J	0.72 J	< 0.55 UJ	< 0.55 UJ	2.7 J
OA0502201377-79	76	80	< 0.56 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA0502201381-83	80	84	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 6 - PCB Results for Core OA05R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA05 (SDG 1822)																	
OA0502201301	0	2	32 J	17 J	32 J	< 0.45 UJ	32 J	< 0.45 UJ	< 0.45 UJ	< 0.45 UJ	6.3 J	34 J	30 J	18 J	4.5 J	3.6 J	< 0.45 UJ
OA0502201303	2	4	50 J	28 J	48 J	< 0.60 UJ	52 J	< 0.60 UJ	< 0.60 UJ	< 0.60 UJ	9.3 J	53 J	48 J	27 J	7.1 J	6.5 J	< 0.60 UJ
OA0502201305	4	6	36 J	21 J	37 J	< 0.45 UJ	38 J	< 0.45 UJ	< 0.45 UJ	< 0.45 UJ	7.8 J	41 J	36 J	22 J	5.5 J	4.9 J	< 0.45 UJ
OA0502201307	6	8	41 J	19 J	41 J	< 1.5 UJ	38 J	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ	6.7 J	42 J	39 J	21 J	5.4 J	5.5 J	< 1.5 UJ
OA0502201309-11	8	12	69 J	42 J	65 J	< 1.4 UJ	68 J	< 1.4 UJ	< 1.4 UJ	< 1.4 UJ	12 J	72 J	65 J	39 J	11 J	8.1 J	< 1.4 UJ
OA0502201313-15	12	16	89 J	46 J	80 J	< 1.4 UJ	84 J	< 1.4 UJ	< 1.4 UJ	< 1.4 UJ	17 J	78 J	76 J	47 J	12 J	9.0 J	< 1.4 UJ
OA0502201317-19	16	20	140 J	77 J	130 J	< 1.5 UJ	140 J	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ	25 J	150 J	130 J	80 J	21 J	17 J	< 1.5 UJ
OA0502201321-23	20	24	170 J	110 J	170 J	< 1.7 UJ	170 J	< 1.7 UJ	< 1.7 UJ	< 1.7 UJ	33 J	180 J	170 J	99 J	28 J	20 J	< 1.7 UJ
OA0502201325-27	24	28	290 J	160 J	260 J	< 1.8 UJ	270 J	< 1.8 UJ	< 1.8 UJ	< 1.8 UJ	51 J	250 J	240 J	160 J	40 J	29 J	< 1.8 UJ
OA0502201329-31	28	32	550 J	290 J	540 J	< 1.8 UJ	530 J	< 1.8 UJ	< 1.8 UJ	< 1.8 UJ	76 J	460 J	460 J	290 J	75 J	47 J	< 1.8 UJ
OA0502201333-35	32	36	1,200 J	560 J	1,100 J	< 1.8 UJ	1,100 J	< 1.8 UJ	< 1.8 UJ	< 1.8 UJ	170 J	930 J	860 J	550 J	140 J	100 J	< 1.8 UJ
OA0502201337-39	36	40	1,700 J	740 J	1,600 J	< 4.1 UJ	1,500 J	< 4.1 UJ	< 4.1 UJ	< 4.1 UJ	210 J	1,000 J	1,000 J	650 J	160 J	120 J	< 4.1 UJ
OA0502201341-43	40	44	1,200 J	590 J	1,200 J	< 2.1 UJ	1,100 J	< 2.1 UJ	< 2.1 UJ	< 2.1 UJ	200 J	1,100 J	1,000 J	670 J	170 J	120 J	< 2.1 UJ
OA0502201345-47	44	48	390 J	190 J	400 J	< 1.6 UJ	380 J	< 1.6 UJ	< 1.6 UJ	< 1.6 UJ	69 J	410 J	360 J	230 J	57 J	44 J	< 1.6 UJ
OA0502201349-51	48	52	600 J	290 J	600 J	< 1.9 UJ	550 J	< 1.9 UJ	< 1.9 UJ	< 1.9 UJ	110 J	730 J	630 J	420 J	120 J	64 J	< 1.9 UJ
OA0502201353-55	52	56	460 J	230 J	470 J	< 1.8 UJ	440 J	< 1.8 UJ	< 1.8 UJ	< 1.8 UJ	99 J	610 J	530 J	340 J	88 J	56 J	< 1.8 UJ
OA0502201357-59	56	60	130 J	61 J	130 J	< 0.39 UJ	120 J	< 0.39 UJ	< 0.39 UJ	< 0.39 UJ	31 J	160 J	150 J	110 J	30 J	17 J	< 0.39 UJ
OA0502201361-63	60	64	36 J	18 J	36 J	< 0.30 UJ	34 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	8.0 J	45 J	38 J	26 J	6.8 J	3.7 J	< 0.30 UJ
OA0502201365-67	64	68	1.6 J	< 0.28 UJ	1.3 J	< 0.28 UJ	1.5 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.6 J	1.3 J	0.81 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA0502201369-71	68	72	20 J	10 J	20 J	< 0.29 UJ	19 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.4 J	20 J	17 J	10 J	2.9 J	2.0 J	< 0.29 UJ
OA0502201373-75	72	76	4.7 J	3.0 J	5.4 J	< 0.55 UJ	4.9 J	< 0.55 UJ	< 0.55 UJ	< 0.55 UJ	1.0 J	4.8 J	4.7 J	2.8 J	< 0.55 UJ	0.78 J	< 0.55 UJ
OA0502201377-79	76	80	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.56 UJ	< 0.56 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA0502201381-83	80	84	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.54 UJ	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 6 - PCB Results for Core OA05R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA05 (SDG 1822)																			
OA0502201301	0	2	1.1 J	< 0.45 UJ	< 0.45 UJ	8.6 J	3.6 J	15 J	3.5 J	7.1 J	< 0.45 UJ	4.1 J	1.7 J	0.67 J	3.8 J	2.9 J	2.2 J	230	450
OA0502201303	2	4	1.6 J	< 0.60 UJ	< 0.60 UJ	13 J	6.1 J	24 J	5.3 J	11 J	< 0.60 UJ	6.2 J	2.0 J	0.97 J	5.3 J	4.2 J	3.8 J	350	690
OA0502201305	4	6	1.4 J	< 0.45 UJ	< 0.45 UJ	9.8 J	4.5 J	19 J	4.7 J	8.2 J	< 0.45 UJ	5.1 J	2.0 J	1.0 J	4.1 J	3.0 J	2.6 J	260	530
OA0502201307	6	8	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ	11 J	4.5 J	19 J	3.7 J	9.5 J	< 1.5 UJ	6.8 J	5.0 J	3.4 J	4.8 J	5.7 J	5.2 J	290	580
OA0502201309-11	8	12	< 1.4 UJ	< 1.4 UJ	< 1.4 UJ	18 J	7.0 J	32 J	7.1 J	14 J	< 1.4 UJ	11 J	3.2 J	1.7 J	8.1 J	7.4 J	5.8 J	510	1,000
OA0502201313-15	12	16	< 1.4 UJ	< 1.4 UJ	< 1.4 UJ	19 J	8.9 J	39 J	8.6 J	19 J	< 1.4 UJ	8.0 J	< 1.4 UJ	2.2 J	9.7 J	8.1 J	8.3 J	600	1,200
OA0502201317-19	16	20	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ	33 J	14 J	70 J	17 J	35 J	< 1.5 UJ	15 J	6.6 J	4.8 J	14 J	12 J	12 J	950	1,900
OA0502201321-23	20	24	< 1.7 UJ	< 1.7 UJ	< 1.7 UJ	38 J	18 J	82 J	18 J	37 J	< 1.7 UJ	23 J	9.0 J	6.0 J	21 J	15 J	16 J	1,200	2,400
OA0502201325-27	24	28	< 1.8 UJ	< 1.8 UJ	< 1.8 UJ	66 J	27 J	120 J	27 J	53 J	< 1.8 UJ	27 J	18 J	6.5 J	30 J	18 J	50 J	2,000	3,900
OA0502201329-31	28	32	9.4 J	< 1.8 UJ	< 1.8 UJ	100 J	49 J	190 J	45 J	95 J	< 1.8 UJ	42 J	18 J	9.4 J	41 J	21 J	35 J	3,800	7,600
OA0502201333-35	32	36	29 J	< 1.8 UJ	< 1.8 UJ	190 J	84 J	350 J	80 J	160 J	< 1.8 UJ	78 J	28 J	14 J	73 J	44 J	17 J	8,500	17,000
OA0502201337-39	36	40	25 J	< 4.1 UJ	< 4.1 UJ	200 J	79 J	320 J	79 J	150 J	< 4.1 UJ	81 J	35 J	16 J	82 J	46 J	35 J	12,000	24,000
OA0502201341-43	40	44	52 J	< 2.1 UJ	< 2.1 UJ	210 J	97 J	430 J	110 J	190 J	< 2.1 UJ	87 J	32 J	17 J	87 J	57 J	14 J	8,200	17,000
OA0502201345-47	44	48	8.5 J	< 1.6 UJ	< 1.6 UJ	81 J	41 J	180 J	43 J	84 J	< 1.6 UJ	41 J	11 J	7.0 J	32 J	22 J	11 J	2,800	5,600
OA0502201349-51	48	52	17 J	< 1.9 UJ	< 1.9 UJ	180 J	92 J	380 J	91 J	170 J	< 1.9 UJ	79 J	26 J	13 J	76 J	52 J	27 J	4,200	8,500
OA0502201353-55	52	56	9.0 J	< 1.8 UJ	< 1.8 UJ	130 J	68 J	270 J	68 J	140 J	< 1.8 UJ	64 J	18 J	12 J	58 J	48 J	36 J	3,100	6,300
OA0502201357-59	56	60	4.0 J	< 0.39 UJ	< 0.39 UJ	45 J	20 J	74 J	19 J	43 J	< 0.39 UJ	22 J	9.0 J	3.1 J	21 J	14 J	26 J	850	1,700
OA0502201361-63	60	64	1.1 J	< 0.30 UJ	< 0.30 UJ	11 J	5.3 J	21 J	5.1 J	11 J	< 0.30 UJ	4.4 J	1.6 J	1.1 J	4.7 J	4.5 J	4.6 J	260	510
OA0502201365-67	64	68	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.70 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.63 J	0.84 J	9.5	20
OA0502201369-71	68	72	0.46 J	< 0.29 UJ	< 0.29 UJ	4.1 J	2.0 J	8.3 J	2.3 J	4.0 J	< 0.29 UJ	2.4 J	0.59 J	0.36 J	1.7 J	1.6 J	1.4 J	140	280
OA0502201373-75	72	76	< 0.55 UJ	< 0.55 UJ	< 0.55 UJ	1.1 J	< 0.55 UJ	2.1 J	< 0.55 UJ	< 0.55 UJ	< 0.55 UJ	< 0.55 UJ	< 0.55 UJ	< 0.55 UJ	< 0.55 UJ	< 0.55 UJ	< 0.55 UJ	39	77
OA0502201377-79	76	80	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	ND	ND
OA0502201381-83	80	84	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	ND	ND

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 7 - PCB Results for Core OA06
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA06 (SDG 1761)																	
OA0601201301	0	2	1.6 J	9.0 J	13 J	15 J	4.3 J	22 J	14 J	26 J	32 J	37 J	16 J	7.2 J	< 0.36 UJ	< 0.36 UJ	19 J
OA0601201303	2	4	3.0 J	11 J	20 J	24 J	9.5 J	40 J	24 J	45 J	56 J	66 J	28 J	11 J	< 0.39 UJ	< 0.39 UJ	32 J
OA0601201305	4	6	2.2 J	9.4 J	17 J	20 J	5.4 J	36 J	21 J	40 J	50 J	58 J	25 J	10 J	< 0.36 UJ	< 0.36 UJ	30 J
OA0601201307	6	8	2.2 J	7.4 J	14 J	16 J	4.0 J	25 J	17 J	30 J	39 J	44 J	18 J	5.5 J	< 0.32 UJ	< 0.32 UJ	21 J
OA0601201309-11	8	12	2.9 J	11 J	18 J	20 J	5.1 J	31 J	23 J	36 J	49 J	54 J	23 J	11 J	< 0.32 UJ	< 0.32 UJ	27 J
OA0601201313-15	12	16	3.2 J	15 J	24 J	24 J	7.0 J	39 J	26 J	49 J	56 J	70 J	30 J	12 J	< 0.32 UJ	< 0.32 UJ	33 J
OA0601201317-19	16	20	3.9 J	18 J	34 J	32 J	8.6 J	51 J	34 J	56 J	71 J	80 J	35 J	14 J	< 0.33 UJ	< 0.33 UJ	38 J
OA0601201321-23	20	24	5.4 J	23 J	43 J	44 J	11 J	74 J	46 J	92 J	110 J	120 J	52 J	19 J	< 0.35 UJ	< 0.35 UJ	57 J
OA0601201325-27	24	28	6.1 J	23 J	49 J	54 J	23 J	88 J	55 J	110 J	110 J	140 J	57 J	18 J	< 0.36 UJ	< 0.36 UJ	63 J
OA0601201329-31	28	32	7.6 J	35 J	55 J	57 J	17 J	96 J	63 J	110 J	150 J	160 J	67 J	25 J	< 0.36 UJ	< 0.36 UJ	70 J
OA0601201333-35	32	36	12 J	52 J	86 J	87 J	22 J	150 J	91 J	170 J	190 J	210 J	100 J	32 J	< 0.39 UJ	< 0.39 UJ	96 J
OA0601201337-39	36	40	16 J	76 J	100 J	120 J	27 J	180 J	110 J	210 J	220 J	270 J	120 J	36 J	< 0.44 UJ	< 0.44 UJ	120 J
OA0601201341-43	40	44	32 J	160 J	200 J	300 J	56 J	390 J	210 J	280 J	420 J	350 J	240 J	75 J	< 0.43 UJ	< 0.43 UJ	230 J
OA0601201345-47	44	48	20 J	110 J	140 J	190 J	41 J	290 J	180 J	380 J	350 J	450 J	180 J	69 J	< 0.47 UJ	< 0.47 UJ	190 J
OA0601201349-51	48	52	12 J	65 J	96 J	140 J	29 J	200 J	120 J	240 J	250 J	310 J	130 J	47 J	< 0.43 UJ	< 0.43 UJ	140 J
OA0601201353-55	52	56	4.0 J	17 J	25 J	27 J	8.8 J	48 J	28 J	60 J	59 J	76 J	31 J	13 J	< 0.33 UJ	< 0.33 UJ	39 J
OA0601201357-59	56	60	2.8 J	10 J	15 J	21 J	4.8 J	27 J	18 J	34 J	34 J	43 J	18 J	7.4 J	< 0.29 UJ	< 0.29 UJ	20 J
OA0601201361-63	60	64	0.83 J	2.4 J	1.5 J	1.7 J	< 0.28 UJ	2.4 J	1.5 J	2.8 J	2.9 J	3.2 J	1.5 J	0.86 J	< 0.28 UJ	< 0.28 UJ	2.2 J
OA0601201365-67	64	68	2.4 J	9.5 J	9.5 J	12 J	2.4 J	19 J	12 J	22 J	22 J	26 J	13 J	4.0 J	< 0.29 UJ	< 0.29 UJ	11 J
OA0601201369-71	68	72	1.1 J	3.9 J	3.9 J	3.5 J	1.0 J	5.4 J	4.0 J	6.8 J	7.9 J	11 J	4.8 J	2.0 J	< 0.29 UJ	< 0.29 UJ	4.0 J
OA0601201373-75	72	76	0.98 J	3.3 J	3.6 J	4.3 J	0.83 J	6.0 J	4.1 J	7.8 J	7.5 J	9.5 J	4.2 J	1.7 J	< 0.28 UJ	< 0.28 UJ	4.4 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 7 - PCB Results for Core OA06
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA06 (SDG 1761)																	
OA0601201301	0	2	39 J	26 J	37 J	< 0.36 UJ	43 J	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	9.1 J	45 J	40 J	22 J	5.9 J	5.3 J	< 0.36 UJ
OA0601201303	2	4	74 J	40 J	67 J	< 0.39 UJ	74 J	1.2 J	11 J	< 0.39 UJ	13 J	78 J	67 J	38 J	9.6 J	9.5 J	< 0.39 UJ
OA0601201305	4	6	63 J	36 J	60 J	< 0.36 UJ	66 J	1.7 J	9.9 J	< 0.36 UJ	12 J	79 J	63 J	36 J	8.9 J	8.6 J	< 0.36 UJ
OA0601201307	6	8	47 J	28 J	44 J	< 0.32 UJ	49 J	2.2 J	< 0.32 UJ	< 0.32 UJ	8.4 J	51 J	44 J	28 J	6.5 J	5.2 J	< 0.32 UJ
OA0601201309-11	8	12	56 J	34 J	54 J	< 0.32 UJ	57 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	15 J	65 J	55 J	30 J	8.1 J	7.3 J	< 0.32 UJ
OA0601201313-15	12	16	70 J	50 J	66 J	< 0.32 UJ	70 J	< 0.32 UJ	12 J	< 0.32 UJ	14 J	78 J	66 J	37 J	10 J	10 J	< 0.32 UJ
OA0601201317-19	16	20	83 J	47 J	75 J	< 0.33 UJ	80 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	16 J	91 J	76 J	46 J	11 J	11 J	< 0.33 UJ
OA0601201321-23	20	24	130 J	67 J	100 J	< 0.35 UJ	120 J	< 0.35 UJ	17 J	< 0.35 UJ	23 J	130 J	110 J	68 J	16 J	15 J	11 J
OA0601201325-27	24	28	140 J	79 J	130 J	< 0.36 UJ	150 J	< 0.36 UJ	29 J	< 0.36 UJ	26 J	160 J	120 J	81 J	17 J	17 J	< 0.36 UJ
OA0601201329-31	28	32	160 J	100 J	160 J	< 0.36 UJ	160 J	< 0.36 UJ	31 J	< 0.36 UJ	32 J	170 J	140 J	86 J	20 J	14 J	< 0.36 UJ
OA0601201333-35	32	36	210 J	110 J	190 J	19 J	210 J	5.4 J	28 J	< 0.39 UJ	33 J	200 J	180 J	110 J	28 J	25 J	21 J
OA0601201337-39	36	40	250 J	130 J	240 J	< 0.44 UJ	230 J	14 J	9.1 J	< 0.44 UJ	43 J	240 J	210 J	130 J	32 J	28 J	18 J
OA0601201341-43	40	44	320 J	260 J	300 J	< 0.43 UJ	300 J	26 J	57 J	< 0.43 UJ	90 J	540 J	450 J	290 J	68 J	55 J	32 J
OA0601201345-47	44	48	430 J	230 J	460 J	< 0.47 UJ	440 J	20 J	47 J	< 0.47 UJ	86 J	570 J	460 J	300 J	81 J	53 J	26 J
OA0601201349-51	48	52	360 J	170 J	320 J	< 0.43 UJ	320 J	13 J	34 J	< 0.43 UJ	59 J	410 J	330 J	210 J	58 J	38 J	22 J
OA0601201353-55	52	56	93 J	46 J	83 J	< 0.33 UJ	91 J	< 0.33 UJ	11 J	< 0.33 UJ	18 J	110 J	92 J	55 J	16 J	11 J	8.7 J
OA0601201357-59	56	60	49 J	25 J	46 J	< 0.29 UJ	45 J	< 0.29 UJ	5.7 J	< 0.29 UJ	9.3 J	56 J	47 J	28 J	7.9 J	5.9 J	3.9 J
OA0601201361-63	60	64	4.6 J	3.6 J	4.0 J	< 0.28 UJ	4.2 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.90 J	5.2 J	5.0 J	2.6 J	0.97 J	< 0.28 UJ	< 0.28 UJ
OA0601201365-67	64	68	25 J	14 J	22 J	< 0.29 UJ	24 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.6 J	25 J	21 J	12 J	3.3 J	2.9 J	2.3 J
OA0601201369-71	68	72	9.7 J	6.9 J	9.3 J	< 0.29 UJ	9.6 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.6 J	11 J	9.6 J	5.9 J	1.6 J	1.5 J	< 0.29 UJ
OA0601201373-75	72	76	10 J	6.3 J	9.6 J	< 0.28 UJ	10 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.0 J	11 J	9.7 J	5.7 J	1.7 J	1.7 J	< 0.28 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 7 - PCB Results for Core OA06
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA06 (SDG 1761)																			
OA0601201301	0	2	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	6.9 J	3.8 J	18 J	4.5 J	8.8 J	< 0.36 UJ	3.1 J	2.5 J	0.67 J	4.1 J	2.2 J	2.6 J	270	550
OA0601201303	2	4	2.2 J	< 0.39 UJ	< 0.39 UJ	14 J	7.3 J	34 J	8.2 J	16 J	< 0.39 UJ	6.7 J	3.7 J	2.3 J	5.9 J	4.3 J	5.0 J	480	960
OA0601201305	4	6	2.9 J	< 0.36 UJ	< 0.36 UJ	12 J	6.2 J	29 J	7.1 J	15 J	< 0.36 UJ	5.2 J	2.8 J	1.9 J	6.8 J	3.9 J	4.1 J	420	870
OA0601201307	6	8	2.9 J	< 0.32 UJ	< 0.32 UJ	8.6 J	4.4 J	23 J	4.9 J	12 J	< 0.32 UJ	5.1 J	2.7 J	1.2 J	5.0 J	2.7 J	3.4 J	310	630
OA0601201309-11	8	12	3.7 J	< 0.32 UJ	< 0.32 UJ	9.4 J	6.1 J	27 J	5.8 J	12 J	< 0.32 UJ	4.2 J	2.8 J	1.3 J	6.1 J	3.7 J	4.3 J	390	780
OA0601201313-15	12	16	2.2 J	< 0.32 UJ	< 0.32 UJ	12 J	6.9 J	30 J	7.2 J	17 J	< 0.32 UJ	6.3 J	3.1 J	1.6 J	5.8 J	3.0 J	4.3 J	490	970
OA0601201317-19	16	20	2.6 J	< 0.33 UJ	< 0.33 UJ	16 J	7.3 J	35 J	8.4 J	18 J	< 0.33 UJ	7.2 J	2.9 J	1.6 J	8.6 J	3.6 J	7.0 J	560	1,100
OA0601201321-23	20	24	3.6 J	< 0.35 UJ	< 0.35 UJ	20 J	9.6 J	46 J	11 J	26 J	< 0.35 UJ	9.4 J	4.0 J	1.4 J	10 J	6.2 J	6.8 J	840	1,700
OA0601201325-27	24	28	6.7 J	< 0.36 UJ	< 0.36 UJ	26 J	11 J	59 J	13 J	27 J	< 0.36 UJ	9.4 J	5.0 J	2.2 J	13 J	7.3 J	8.5 J	950	1,900
OA0601201329-31	28	32	4.4 J	< 0.36 UJ	< 0.36 UJ	31 J	12 J	58 J	15 J	36 J	< 0.36 UJ	14 J	8.3 J	2.0 J	15 J	7.1 J	11 J	1,100	2,200
OA0601201333-35	32	36	8.6 J	< 0.39 UJ	< 0.39 UJ	32 J	18 J	80 J	19 J	40 J	< 0.39 UJ	15 J	9.1 J	3.5 J	17 J	< 0.39 UJ	13 J	1,500	2,900
OA0601201337-39	36	40	9.2 J	< 0.44 UJ	< 0.44 UJ	36 J	19 J	82 J	18 J	39 J	< 0.44 UJ	15 J	6.4 J	3.8 J	19 J	< 0.44 UJ	6.5 J	1,700	3,400
OA0601201341-43	40	44	21 J	< 0.43 UJ	< 0.43 UJ	81 J	43 J	200 J	45 J	91 J	< 0.43 UJ	36 J	16 J	7.1 J	41 J	< 0.43 UJ	15 J	3,200	6,300
OA0601201345-47	44	48	22 J	420 J	< 0.47 UJ	96 J	56 J	240 J	55 J	110 J	< 0.47 UJ	39 J	22 J	7.5 J	46 J	< 0.47 UJ	20 J	3,200	6,900
OA0601201349-51	48	52	17 J	< 0.43 UJ	< 0.43 UJ	75 J	41 J	180 J	42 J	88 J	< 0.43 UJ	32 J	16 J	6.9 J	37 J	< 0.43 UJ	20 J	2,300	4,700
OA0601201353-55	52	56	5.0 J	< 0.33 UJ	< 0.33 UJ	18 J	11 J	48 J	11 J	23 J	< 0.33 UJ	8.3 J	3.9 J	1.4 J	9.7 J	5.4 J	8.6 J	600	1,200
OA0601201357-59	56	60	1.3 J	< 0.29 UJ	< 0.29 UJ	8.7 J	5.1 J	23 J	5.1 J	11 J	< 0.29 UJ	3.7 J	1.2 J	1.0 J	5.0 J	< 0.29 UJ	4.1 J	320	650
OA0601201361-63	60	64	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.94 J	0.70 J	2.2 J	0.58 J	1.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.76 J	0.84 J	33	62
OA0601201365-67	64	68	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	4.2 J	2.2 J	8.9 J	2.3 J	4.6 J	< 0.29 UJ	2.4 J	< 0.29 UJ	0.77 J	3.2 J	1.6 J	2.0 J	170	350
OA0601201369-71	68	72	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.0 J	1.2 J	4.5 J	1.2 J	2.3 J	< 0.29 UJ	1.1 J	< 0.29 UJ	< 0.29 UJ	1.5 J	0.96 J	< 0.29 UJ	69	140
OA0601201373-75	72	76	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.0 J	1.2 J	4.4 J	1.3 J	2.0 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.94 J	69	140

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 8 - PCB Results for Core OA07
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA07 (SDG 1821)																	
OA0701201301	0	2	1.9 J	8.9 J	14 J	14 J	3.8 J	29 J	20 J	32 J	41 J	43 J	20 J	6.7 J	< 0.40 UJ	< 0.40 UJ	24 J
OA0701201303	2	4	3.3 J	13 J	24 J	19 J	6.3 J	41 J	27 J	47 J	56 J	60 J	28 J	8.9 J	< 0.36 UJ	< 0.36 UJ	31 J
OA0701201305	4	6	12 J	60 J	93 J	75 J	21 J	180 J	100 J	190 J	220 J	210 J	110 J	29 J	< 0.55 UJ	< 0.55 UJ	110 J
OA0701201307	6	8	25 J	63 J	100 J	88 J	20 J	200 J	120 J	220 J	240 J	240 J	120 J	31 J	< 0.38 UJ	< 0.38 UJ	120 J
OA0701201309-11	8	12	37 J	180 J	260 J	240 J	42 J	380 J	290 J	440 J	420 J	470 J	290 J	62 J	< 0.43 UJ	< 0.43 UJ	270 J
OA0701201313-15	12	16	23 J	120 J	160 J	170 J	32 J	370 J	220 J	360 J	370 J	390 J	200 J	54 J	< 0.43 UJ	< 0.43 UJ	230 J
OA0701201317-19	16	20	9.8 J	54 J	79 J	76 J	17 J	160 J	89 J	190 J	180 J	210 J	95 J	32 J	< 0.37 UJ	< 0.37 UJ	110 J
OA0701201321-23	20	24	5.0 J	21 J	31 J	35 J	11 J	77 J	44 J	82 J	87 J	100 J	47 J	11 J	< 0.33 UJ	< 0.33 UJ	51 J
OA0701201325-27	24	28	3.1 J	12 J	18 J	16 J	4.1 J	34 J	20 J	39 J	42 J	42 J	21 J	5.4 J	< 0.32 UJ	< 0.32 UJ	24 J
OA0701201329-31	28	32	1.1 J	2.2 J	3.6 J	2.8 J	< 0.28 UJ	5.4 J	3.6 J	6.6 J	5.8 J	6.4 J	3.2 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	4.1 J
OA0701201333-35	32	36	0.50 J	< 0.28 UJ	0.92 J	0.78 J	< 0.28 UJ	1.8 J	1.0 J	2.0 J	1.6 J	1.7 J	0.92 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.2 J
OA0701201337-39	36	40	1.4 J	3.7 J	5.6 J	4.2 J	1.1 J	8.4 J	6.3 J	9.8 J	11 J	11 J	5.5 J	1.4 J	< 0.28 UJ	< 0.28 UJ	6.4 J
OA0701201341-43	40	44	< 0.56 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	R	R	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA0701201345-47	44	48	0.35 J	1.6 J	1.6 J	1.6 J	< 0.29 UJ	3.1 J	1.9 J	3.5 J	3.5 J	3.9 J	1.8 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.1 J
OA0701201349-51	48	52	< 0.53 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	R	R	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA0701201353-55	52	56	< 0.56 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	R	R	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 8 - PCB Results for Core OA07
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA07 (SDG 1821)																	
OA0701201301	0	2	50 J	28 J	49 J	< 0.40 UJ	50 J	< 0.40 UJ	< 0.40 UJ	< 0.40 UJ	9.8 J	57 J	50 J	31 J	7.6 J	6.3 J	< 0.40 UJ
OA0701201303	2	4	70 J	38 J	68 J	< 0.36 UJ	69 J	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	14 J	78 J	69 J	42 J	11 J	7.6 J	< 0.36 UJ
OA0701201305	4	6	230 J	120 J	240 J	< 0.55 UJ	220 J	< 0.55 UJ	< 0.55 UJ	< 0.55 UJ	42 J	250 J	210 J	140 J	36 J	26 J	< 0.55 UJ
OA0701201307	6	8	280 J	130 J	250 J	< 0.38 UJ	230 J	< 0.38 UJ	< 0.38 UJ	< 0.38 UJ	40 J	260 J	230 J	150 J	38 J	25 J	< 0.38 UJ
OA0701201309-11	8	12	460 J	250 J	460 J	< 0.43 UJ	420 J	< 0.43 UJ	< 0.43 UJ	< 0.43 UJ	94 J	560 J	470 J	330 J	88 J	55 J	< 0.43 UJ
OA0701201313-15	12	16	450 J	210 J	420 J	< 0.43 UJ	390 J	< 0.43 UJ	< 0.43 UJ	< 0.43 UJ	82 J	510 J	440 J	310 J	83 J	50 J	< 0.43 UJ
OA0701201317-19	16	20	260 J	110 J	270 J	< 0.37 UJ	230 J	< 0.37 UJ	< 0.37 UJ	< 0.37 UJ	49 J	310 J	260 J	180 J	49 J	29 J	< 0.37 UJ
OA0701201321-23	20	24	120 J	63 J	120 J	< 0.33 UJ	110 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	24 J	160 J	130 J	79 J	20 J	14 J	< 0.33 UJ
OA0701201325-27	24	28	51 J	23 J	49 J	< 0.32 UJ	46 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	9.0 J	54 J	47 J	31 J	8.4 J	5.5 J	< 0.32 UJ
OA0701201329-31	28	32	9.6 J	4.1 J	9.0 J	< 0.28 UJ	7.9 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.7 J	10 J	8.9 J	5.7 J	1.6 J	1.4 J	< 0.28 UJ
OA0701201333-35	32	36	2.4 J	1.2 J	2.5 J	< 0.28 UJ	2.2 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.43 J	2.8 J	2.3 J	1.5 J	0.49 J	< 0.28 UJ	< 0.28 UJ
OA0701201337-39	36	40	12 J	6.5 J	12 J	< 0.28 UJ	11 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.9 J	12 J	11 J	6.9 J	1.8 J	1.3 J	< 0.28 UJ
OA0701201341-43	40	44	R	< 0.28 UJ	0.48 J	< 0.28 UJ	0.49 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.56 UJ	< 0.56 UJ	0.26 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA0701201345-47	44	48	4.0 J	2.1 J	3.8 J	< 0.29 UJ	3.9 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.61 J	4.0 J	3.4 J	2.0 J	0.65 J	0.54 J	< 0.29 UJ
OA0701201349-51	48	52	R	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	R	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.53 UJ	< 0.53 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA0701201353-55	52	56	R	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	R	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.56 UJ	< 0.56 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 8 - PCB Results for Core OA07
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA07 (SDG 1821)																			
OA0701201301	0	2	1.0 J	< 0.40 UJ	< 0.40 UJ	11 J	6.1 J	25 J	5.9 J	12 J	< 0.40 UJ	6.7 J	2.9 J	1.1 J	5.6 J	4.1 J	3.1 J	330	680
OA0701201303	2	4	1.7 J	< 0.36 UJ	< 0.36 UJ	16 J	8.0 J	33 J	8.3 J	16 J	< 0.36 UJ	7.6 J	2.7 J	1.5 J	7.3 J	5.8 J	4.1 J	470	940
OA0701201305	4	6	9.2 J	< 0.55 UJ	< 0.55 UJ	58 J	26 J	100 J	26 J	49 J	< 0.55 UJ	24 J	8.9 J	3.9 J	22 J	15 J	12 J	1,700	3,300
OA0701201307	6	8	11 J	< 0.38 UJ	< 0.38 UJ	60 J	24 J	120 J	25 J	50 J	< 0.38 UJ	26 J	11 J	4.1 J	23 J	16 J	11 J	1,800	3,600
OA0701201309-11	8	12	24 J	< 0.43 UJ	< 0.43 UJ	130 J	43 J	240 J	51 J	99 J	< 0.43 UJ	56 J	27 J	8.4 J	45 J	34 J	19 J	3,600	7,300
OA0701201313-15	12	16	23 J	< 0.43 UJ	< 0.43 UJ	120 J	48 J	240 J	48 J	110 J	< 0.43 UJ	51 J	25 J	7.8 J	50 J	35 J	22 J	3,200	6,400
OA0701201317-19	16	20	12 J	< 0.37 UJ	< 0.37 UJ	64 J	30 J	130 J	33 J	64 J	< 0.37 UJ	29 J	11 J	5.4 J	28 J	22 J	15 J	1,700	3,500
OA0701201321-23	20	24	4.3 J	< 0.33 UJ	< 0.33 UJ	25 J	17 J	70 J	17 J	37 J	< 0.33 UJ	13 J	4.7 J	2.9 J	13 J	10 J	7.2 J	820	1,700
OA0701201325-27	24	28	0.94 J	< 0.32 UJ	< 0.32 UJ	12 J	5.9 J	23 J	5.6 J	12 J	< 0.32 UJ	6.1 J	2.3 J	0.97 J	5.4 J	5.0 J	3.8 J	340	690
OA0701201329-31	28	32	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.8 J	1.2 J	4.5 J	1.0 J	2.4 J	< 0.28 UJ	1.5 J	< 0.28 UJ	< 0.28 UJ	1.1 J	1.6 J	1.5 J	62	120
OA0701201333-35	32	36	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.66 J	< 0.28 UJ	1.2 J	0.31 J	0.67 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.57 J	0.51 J	16	32
OA0701201337-39	36	40	0.49 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.7 J	1.3 J	5.4 J	1.3 J	< 0.28 UJ	1.1 J	< 0.28 UJ	0.29 J	1.4 J	1.2 J	1.0 J	86	170
OA0701201341-43	40	44	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	ND	1.2
OA0701201345-47	44	48	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.0 J	0.54 J	1.9 J	0.43 J	0.78 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.60 J	0.77 J	0.83 J	29	57
OA0701201349-51	48	52	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	ND	ND
OA0701201353-55	52	56	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	ND	ND

Abbreviations
cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes
1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers
< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 9 - PCB Results for Core OA07R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA07 (SDG 1756)																	
OA0702201301	0	2	3.0 J	< 1.2 UJ	13 J	11 J	< 1.2 UJ	23 J	15 J	25 J	35 J	31 J	15 J	6.0 J	< 1.2 UJ	< 1.2 UJ	21 J
OA0702201303	2	4	7.9 J	23 J	31 J	30 J	8.5 J	69 J	40 J	74 J	91 J	80 J	39 J	14 J	< 0.67 UJ	< 0.67 UJ	53 J
OA0702201305	4	6	6.4 J	18 J	32 J	31 J	6.2 J	68 J	41 J	77 J	96 J	87 J	42 J	16 J	< 0.69 UJ	< 0.69 UJ	54 J
OA0702201307	6	8	20 J	78 J	130 J	120 J	22 J	280 J	160 J	310 J	350 J	350 J	170 J	45 J	< 0.82 UJ	< 0.82 UJ	180 J
OA0702201309-11	8	12	15 J	59 J	70 J	100 J	16 J	180 J	93 J	200 J	220 J	230 J	110 J	32 J	< 0.57 UJ	< 0.57 UJ	120 J
OA0702201313-15	12	16	22 J	90 J	94 J	130 J	19 J	250 J	120 J	260 J	270 J	310 J	140 J	39 J	< 0.44 UJ	< 0.44 UJ	160 J
OA0702201317-19	16	20	7.9 J	34 J	28 J	38 J	10 J	87 J	42 J	95 J	99 J	110 J	48 J	18 J	< 0.35 UJ	< 0.35 UJ	70 J
OA0702201321-23	20	24	4.9 J	15 J	14 J	19 J	3.9 J	37 J	23 J	42 J	48 J	49 J	23 J	8.7 J	< 0.31 UJ	< 0.31 UJ	32 J
OA0702201325-27	24	28	2.5 J	5.3 J	7.9 J	8.2 J	2.4 J	16 J	9.7 J	18 J	19 J	19 J	9.5 J	3.8 J	< 0.30 UJ	< 0.30 UJ	12 J
OA0702201329-31	28	32	1.7 J	4.7 J	6.6 J	5.3 J	1.2 J	12 J	7.6 J	13 J	16 J	15 J	7.2 J	2.7 J	< 0.29 UJ	< 0.29 UJ	9.1 J
OA0702201333-35	32	36	0.50 J	1.0 J	1.5 J	1.4 J	< 0.28 UJ	2.5 J	1.6 J	2.8 J	3.1 J	2.9 J	1.5 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.9 J
OA0702201337-39	36	40	< 0.55 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.20 J	0.12 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA0702201341-43	40	44	0.91 J	3.3 J	5.8 J	4.7 J	1.7 J	8.8 J	6.6 J	11 J	15 J	13 J	6.5 J	3.0 J	< 0.28 UJ	< 0.28 UJ	9.6 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 9 - PCB Results for Core OA07R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA07 (SDG 1756)																	
OA0702201301	0	2	42 J	22 J	41 J	< 1.2 UJ	40 J	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	7.4 J	43 J	41 J	25 J	6.6 J	5.0 J	< 1.2 UJ
OA0702201303	2	4	120 J	60 J	120 J	< 0.67 UJ	110 J	< 0.67 UJ	< 0.67 UJ	< 0.67 UJ	23 J	130 J	120 J	72 J	18 J	14 J	< 0.67 UJ
OA0702201305	4	6	120 J	63 J	120 J	< 0.69 UJ	120 J	< 0.69 UJ	< 0.69 UJ	< 0.69 UJ	24 J	130 J	120 J	74 J	19 J	16 J	< 0.69 UJ
OA0702201307	6	8	400 J	190 J	390 J	< 0.82 UJ	360 J	< 0.82 UJ	< 0.82 UJ	< 0.82 UJ	69 J	370 J	360 J	220 J	54 J	44 J	< 0.82 UJ
OA0702201309-11	8	12	280 J	130 J	280 J	< 0.57 UJ	250 J	< 0.57 UJ	< 0.57 UJ	< 0.57 UJ	52 J	300 J	280 J	180 J	44 J	32 J	< 0.57 UJ
OA0702201313-15	12	16	410 J	140 J	350 J	< 0.44 UJ	310 J	< 0.44 UJ	< 0.44 UJ	< 0.44 UJ	63 J	370 J	340 J	240 J	59 J	39 J	< 0.44 UJ
OA0702201317-19	16	20	170 J	74 J	170 J	< 0.35 UJ	160 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	35 J	220 J	200 J	130 J	32 J	21 J	< 0.35 UJ
OA0702201321-23	20	24	73 J	33 J	72 J	< 0.31 UJ	71 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	15 J	93 J	83 J	53 J	15 J	11 J	< 0.31 UJ
OA0702201325-27	24	28	26 J	13 J	26 J	< 0.30 UJ	26 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	5.1 J	31 J	29 J	17 J	4.1 J	3.4 J	< 0.30 UJ
OA0702201329-31	28	32	20 J	9.8 J	20 J	< 0.29 UJ	20 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.9 J	23 J	21 J	12 J	3.1 J	2.6 J	< 0.29 UJ
OA0702201333-35	32	36	4.0 J	2.0 J	3.8 J	< 0.28 UJ	3.7 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.66 J	4.2 J	3.7 J	2.3 J	0.67 J	0.50 J	< 0.28 UJ
OA0702201337-39	36	40	0.31 J	< 0.28 UJ	0.44 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.40 J	< 0.55 UJ	0.30 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA0702201341-43	40	44	20 J	9.7 J	20 J	< 0.28 UJ	21 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	4.3 J	27 J	24 J	15 J	3.6 J	2.6 J	< 0.28 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

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J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 9 - PCB Results for Core OA07R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA07 (SDG 1756)																			
OA0702201301	0	2	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	14 J	5.1 J	21 J	4.7 J	11 J	< 1.2 UJ	5.2 J	< 1.2 UJ	< 1.2 UJ	9.1 J	5.5 J	5.5 J	280	550
OA0702201303	2	4	3.3 J	< 0.67 UJ	< 0.67 UJ	29 J	14 J	59 J	13 J	28 J	< 0.67 UJ	14 J	7.3 J	2.7 J	16 J	9.8 J	12 J	790	1,600
OA0702201305	4	6	3.3 J	< 0.69 UJ	< 0.69 UJ	30 J	14 J	63 J	14 J	30 J	< 0.69 UJ	13 J	8.4 J	3.6 J	15 J	9.4 J	14 J	810	1,600
OA0702201307	6	8	8.6 J	300 J	< 0.82 UJ	78 J	39 J	170 J	38 J	87 J	< 0.82 UJ	35 J	20 J	7.0 J	40 J	22 J	25 J	2,700	5,500
OA0702201309-11	8	12	6.3 J	< 0.57 UJ	< 0.57 UJ	67 J	33 J	150 J	34 J	68 J	< 0.57 UJ	31 J	17 J	5.5 J	34 J	21 J	16 J	1,900	3,800
OA0702201313-15	12	16	21 J	< 0.44 UJ	< 0.44 UJ	110 J	41 J	200 J	44 J	92 J	< 0.44 UJ	51 J	24 J	7.3 J	54 J	31 J	33 J	2,500	4,900
OA0702201317-19	16	20	5.3 J	< 0.35 UJ	< 0.35 UJ	49 J	25 J	110 J	26 J	53 J	< 0.35 UJ	21 J	10 J	4.5 J	25 J	16 J	23 J	1,100	2,300
OA0702201321-23	20	24	2.4 J	< 0.31 UJ	< 0.31 UJ	20 J	11 J	46 J	11 J	23 J	< 0.31 UJ	9.4 J	5.1 J	2.0 J	10 J	7.3 J	9.8 J	490	1,000
OA0702201325-27	24	28	0.83 J	< 0.30 UJ	< 0.30 UJ	6.8 J	3.4 J	16 J	3.6 J	8.0 J	< 0.30 UJ	3.6 J	< 0.30 UJ	0.90 J	4.1 J	2.9 J	4.2 J	190	370
OA0702201329-31	28	32	0.68 J	< 0.29 UJ	< 0.29 UJ	4.8 J	2.4 J	12 J	2.7 J	5.4 J	< 0.29 UJ	2.7 J	1.1 J	0.66 J	3.5 J	1.9 J	3.0 J	140	280
OA0702201333-35	32	36	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.91 J	0.57 J	2.2 J	0.56 J	1.1 J	< 0.28 UJ	0.75 J	< 0.28 UJ	< 0.28 UJ	0.90 J	0.56 J	0.83 J	27	55
OA0702201337-39	36	40	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.39 J	0.90
OA0702201341-43	40	44	0.68 J	< 0.28 UJ	< 0.28 UJ	5.5 J	3.1 J	14 J	3.5 J	6.5 J	< 0.28 UJ	3.1 J	1.3 J	0.67 J	3.0 J	2.5 J	3.7 J	140	280

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 10 - PCB Results for Core OA08
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA08 (SDG 1763)																	
OA0801201301	0	2	3.9 J	19 J	22 J	27 J	13 J	45 J	26 J	47 J	56 J	63 J	32 J	11 J	< 0.36 UJ	< 0.36 UJ	31 J
OA0801201303	2	4	2.7 J	16 J	19 J	22 J	14 J	40 J	21 J	41 J	47 J	60 J	28 J	10 J	< 0.33 UJ	< 0.33 UJ	28 J
OA0801201305	4	6	2.9 J	16 J	20 J	28 J	14 J	41 J	24 J	39 J	48 J	58 J	28 J	10 J	< 0.61 UJ	< 0.61 UJ	28 J
OA0801201307	6	8	5.1 J	26 J	30 J	35 J	18 J	62 J	37 J	63 J	79 J	88 J	46 J	17 J	< 0.32 UJ	< 0.32 UJ	43 J
OA0801201309-11	8	12	3.1 J	14 J	18 J	24 J	< 0.32 UJ	34 J	22 J	38 J	46 J	53 J	27 J	8.7 J	< 0.32 UJ	< 0.32 UJ	27 J
OA0801201313-15	12	16	5.5 J	20 J	26 J	36 J	< 0.33 UJ	53 J	31 J	55 J	65 J	76 J	38 J	12 J	< 0.33 UJ	< 0.33 UJ	36 J
OA0801201317-19	16	20	5.3 J	25 J	30 J	34 J	19 J	59 J	34 J	60 J	69 J	88 J	43 J	12 J	< 0.33 UJ	< 0.33 UJ	41 J
OA0801201321-23	20	24	7.9 J	49 J	44 J	63 J	< 0.34 UJ	88 J	54 J	100 J	110 J	140 J	72 J	24 J	< 0.34 UJ	< 0.34 UJ	64 J
OA0801201325-27	24	28	12 J	68 J	75 J	83 J	33 J	130 J	83 J	140 J	160 J	200 J	100 J	32 J	< 0.35 UJ	< 0.35 UJ	87 J
OA0801201329-31	28	32	21 J	98 J	110 J	140 J	41 J	220 J	130 J	240 J	240 J	320 J	150 J	46 J	< 0.38 UJ	< 0.38 UJ	140 J
OA0801201333-35	32	36	28 J	120 J	140 J	180 J	61 J	270 J	160 J	280 J	290 J	390 J	190 J	52 J	< 0.40 UJ	< 0.40 UJ	150 J
OA0801201337-39	36	40	33 J	170 J	170 J	290 J	100 J	400 J	210 J	410 J	380 J	470 J	250 J	72 J	< 0.42 UJ	< 0.42 UJ	210 J
OA0801201341-43	40	44	18 J	90 J	100 J	140 J	57 J	200 J	120 J	230 J	240 J	300 J	140 J	51 J	< 0.44 UJ	< 0.44 UJ	150 J
OA0801201345-47	44	48	7.3 J	38 J	43 J	56 J	28 J	89 J	54 J	100 J	100 J	130 J	63 J	22 J	< 0.38 UJ	< 0.38 UJ	66 J
OA0801201349-51	48	52	5.2 J	24 J	30 J	33 J	20 J	47 J	28 J	52 J	50 J	66 J	31 J	12 J	< 0.33 UJ	< 0.33 UJ	34 J
OA0801201353-55	52	56	2.6 J	< 0.30 UJ	12 J	10 J	4.7 J	18 J	12 J	21 J	21 J	31 J	14 J	6.0 J	< 0.30 UJ	< 0.30 UJ	15 J
OA0801201357-59	56	60	2.4 J	9.6 J	9.7 J	13 J	5.1 J	22 J	13 J	23 J	25 J	31 J	16 J	6.1 J	< 0.30 UJ	< 0.30 UJ	14 J
OA0801201361-63	60	64	1.4 J	5.9 J	5.9 J	8.3 J	4.0 J	13 J	7.3 J	14 J	13 J	18 J	9.3 J	2.9 J	< 0.29 UJ	< 0.29 UJ	7.9 J
OA0801201365-67	64	68	0.90 J	3.0 J	3.6 J	3.9 J	1.1 J	5.0 J	3.2 J	6.0 J	5.9 J	7.1 J	3.3 J	0.83 J	< 0.28 UJ	< 0.28 UJ	2.7 J
OA0801201369-71	68	72	0.28 J	0.71 J	0.46 J	0.54 J	< 0.27 UJ	1.2 J	0.28 J	0.87 J	0.71 J	1.1 J	0.85 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.57 J
OA0801201373-75	72	76	0.20 J	0.55 J	0.67 J	0.63 J	0.28 J	1.1 J	0.69 J	1.1 J	1.2 J	1.2 J	0.63 J	0.28 J	< 0.27 UJ	< 0.27 UJ	0.68 J
OA0801201377-79	76	80	< 0.53 UJ	0.36 J	0.48 J	0.54 J	0.20 J	0.77 J	0.58 J	0.86 J	1.0 J	1.1 J	0.57 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.59 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 10 - PCB Results for Core OA08
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA08 (SDG 1763)																	
OA0801201301	0	2	66 J	37 J	60 J	< 0.36 UJ	66 J	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	11 J	62 J	61 J	36 J	8.1 J	9.3 J	< 0.36 UJ
OA0801201303	2	4	58 J	35 J	52 J	< 0.33 UJ	55 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	11 J	54 J	54 J	33 J	7.6 J	6.3 J	< 0.33 UJ
OA0801201305	4	6	57 J	48 J	52 J	< 0.61 UJ	53 J	< 0.61 UJ	< 0.61 UJ	< 0.61 UJ	8.8 J	48 J	52 J	26 J	7.4 J	8.1 J	< 0.61 UJ
OA0801201307	6	8	89 J	52 J	80 J	< 0.32 UJ	92 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	16 J	85 J	85 J	47 J	11 J	11 J	< 0.32 UJ
OA0801201309-11	8	12	56 J	33 J	49 J	< 0.32 UJ	53 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	9.4 J	54 J	57 J	29 J	7.5 J	7.2 J	< 0.32 UJ
OA0801201313-15	12	16	73 J	46 J	66 J	< 0.33 UJ	74 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	11 J	71 J	70 J	42 J	10 J	9.6 J	< 0.33 UJ
OA0801201317-19	16	20	84 J	57 J	77 J	< 0.33 UJ	84 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	14 J	79 J	79 J	44 J	16 J	16 J	< 0.33 UJ
OA0801201321-23	20	24	140 J	81 J	120 J	< 0.34 UJ	130 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	23 J	130 J	130 J	77 J	18 J	19 J	< 0.34 UJ
OA0801201325-27	24	28	190 J	130 J	180 J	< 0.35 UJ	180 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	29 J	190 J	180 J	110 J	28 J	25 J	< 0.35 UJ
OA0801201329-31	28	32	300 J	160 J	260 J	< 0.38 UJ	270 J	< 0.38 UJ	< 0.38 UJ	< 0.38 UJ	50 J	270 J	260 J	170 J	40 J	36 J	< 0.38 UJ
OA0801201333-35	32	36	310 J	210 J	290 J	< 0.40 UJ	300 J	< 0.40 UJ	< 0.40 UJ	< 0.40 UJ	46 J	270 J	260 J	150 J	41 J	36 J	< 0.40 UJ
OA0801201337-39	36	40	430 J	270 J	370 J	< 0.42 UJ	340 J	< 0.42 UJ	< 0.42 UJ	< 0.42 UJ	72 J	460 J	460 J	270 J	66 J	52 J	< 0.42 UJ
OA0801201341-43	40	44	330 J	190 J	310 J	< 0.44 UJ	320 J	< 0.44 UJ	< 0.44 UJ	< 0.44 UJ	59 J	380 J	360 J	220 J	59 J	48 J	< 0.44 UJ
OA0801201345-47	44	48	150 J	89 J	140 J	< 0.38 UJ	140 J	< 0.38 UJ	< 0.38 UJ	< 0.38 UJ	30 J	170 J	150 J	90 J	24 J	21 J	< 0.38 UJ
OA0801201349-51	48	52	84 J	41 J	74 J	< 0.33 UJ	77 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	19 J	98 J	93 J	53 J	14 J	12 J	< 0.33 UJ
OA0801201353-55	52	56	34 J	18 J	30 J	< 0.30 UJ	32 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	6.1 J	35 J	35 J	18 J	4.6 J	4.8 J	< 0.30 UJ
OA0801201357-59	56	60	33 J	17 J	28 J	< 0.30 UJ	31 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	5.5 J	31 J	31 J	17 J	5.2 J	4.5 J	< 0.30 UJ
OA0801201361-63	60	64	19 J	12 J	15 J	< 0.29 UJ	18 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.1 J	16 J	16 J	8.7 J	2.3 J	1.7 J	< 0.29 UJ
OA0801201365-67	64	68	6.3 J	3.6 J	5.9 J	< 0.28 UJ	6.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.67 J	5.2 J	4.6 J	2.9 J	0.75 J	0.67 J	< 0.28 UJ
OA0801201369-71	68	72	0.75 J	0.88 J	0.61 J	< 0.27 UJ	0.89 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.62 J	0.83 J	0.56 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA0801201373-75	72	76	1.2 J	0.64 J	1.2 J	< 0.27 UJ	1.2 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.1 J	1.1 J	0.71 J	0.18 J	0.25 J	< 0.27 UJ
OA0801201377-79	76	80	1.2 J	0.51 J	0.93 J	< 0.27 UJ	0.96 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.86 J	0.92 J	0.59 J	0.13 J	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 10 - PCB Results for Core OA08
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA08 (SDG 1763)																			
OA0801201301	0	2	< 0.36 UJ	< 0.36 UJ	1.9 J	11 J	5.6 J	31 J	7.5 J	14 J	< 0.36 UJ	6.0 J	4.2 J	1.4 J	6.0 J	3.4 J	2.2 J	450	910
OA0801201303	2	4	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	10 J	5.0 J	27 J	6.5 J	13 J	< 0.33 UJ	7.1 J	2.0 J	1.6 J	5.3 J	2.9 J	2.3 J	390	800
OA0801201305	4	6	< 0.61 UJ	< 0.61 UJ	< 0.61 UJ	8.5 J	5.5 J	27 J	5.3 J	11 J	< 0.61 UJ	6.2 J	2.8 J	< 0.61 UJ	6.4 J	2.8 J	3.4 J	400	800
OA0801201307	6	8	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	19 J	6.5 J	40 J	9.4 J	20 J	< 0.32 UJ	11 J	5.0 J	2.1 J	9.4 J	< 0.32 UJ	4.4 J	620	1,200
OA0801201309-11	8	12	< 0.32 UJ	< 0.32 UJ	2.2 J	9.8 J	5.0 J	26 J	6.2 J	12 J	< 0.32 UJ	6.1 J	< 0.32 UJ	1.7 J	5.9 J	3.1 J	2.5 J	380	750
OA0801201313-15	12	16	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	13 J	6.0 J	36 J	7.6 J	16 J	< 0.33 UJ	8.8 J	3.6 J	1.5 J	6.7 J	4.1 J	3.8 J	520	1,000
OA0801201317-19	16	20	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	15 J	6.6 J	38 J	8.4 J	18 J	< 0.33 UJ	7.6 J	< 0.33 UJ	1.8 J	8.1 J	< 0.33 UJ	4.4 J	580	1,200
OA0801201321-23	20	24	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	26 J	10 J	74 J	14 J	30 J	< 0.34 UJ	12 J	7.2 J	2.2 J	13 J	< 0.34 UJ	6.5 J	950	1,900
OA0801201325-27	24	28	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	36 J	17 J	99 J	20 J	43 J	< 0.35 UJ	23 J	9.5 J	3.7 J	18 J	21 J	14 J	1,400	2,700
OA0801201329-31	28	32	< 0.38 UJ	< 0.38 UJ	< 0.38 UJ	50 J	22 J	130 J	30 J	61 J	< 0.38 UJ	24 J	13 J	5.5 J	25 J	< 0.38 UJ	8.4 J	2,000	4,100
OA0801201333-35	32	36	< 0.40 UJ	< 0.40 UJ	< 0.40 UJ	51 J	23 J	140 J	29 J	58 J	< 0.40 UJ	31 J	15 J	5.7 J	27 J	11 J	6.7 J	2,300	4,600
OA0801201337-39	36	40	< 0.42 UJ	360 J	< 0.42 UJ	92 J	38 J	210 J	47 J	99 J	< 0.42 UJ	43 J	24 J	8.1 J	43 J	< 0.42 UJ	12 J	3,300	6,900
OA0801201341-43	40	44	< 0.44 UJ	< 0.44 UJ	< 0.44 UJ	79 J	40 J	210 J	45 J	93 J	< 0.44 UJ	36 J	19 J	6.3 J	40 J	< 0.44 UJ	16 J	2,300	4,700
OA0801201345-47	44	48	< 0.38 UJ	< 0.38 UJ	< 0.38 UJ	30 J	17 J	89 J	19 J	37 J	< 0.38 UJ	14 J	8.6 J	3.1 J	16 J	< 0.38 UJ	8.3 J	1,000	2,000
OA0801201349-51	48	52	< 0.33 UJ	< 0.33 UJ	3.4 J	21 J	8.9 J	49 J	12 J	25 J	< 0.33 UJ	10 J	4.1 J	2.7 J	11 J	10 J	8.0 J	580	1,200
OA0801201353-55	52	56	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	5.3 J	3.4 J	19 J	4.3 J	9.0 J	< 0.30 UJ	3.6 J	2.2 J	0.71 J	3.7 J	2.7 J	3.5 J	220	440
OA0801201357-59	56	60	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	4.7 J	3.4 J	15 J	4.0 J	7.4 J	< 0.30 UJ	3.8 J	< 0.30 UJ	< 0.30 UJ	3.6 J	1.8 J	2.1 J	220	440
OA0801201361-63	60	64	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.7 J	1.7 J	6.8 J	1.7 J	3.7 J	< 0.29 UJ	1.8 J	1.4 J	< 0.29 UJ	1.6 J	1.4 J	0.86 J	120	250
OA0801201365-67	64	68	0.29 J	< 0.28 UJ	< 0.28 UJ	1.0 J	0.60 J	2.2 J	0.57 J	1.2 J	< 0.28 UJ	0.75 J	< 0.28 UJ	< 0.28 UJ	0.64 J	< 0.28 UJ	< 0.28 UJ	45	91
OA0801201369-71	68	72	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	6.4	13
OA0801201373-75	72	76	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.18 J	0.56 J	< 0.27 UJ	0.32 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	9.0	18
OA0801201377-79	76	80	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.38 J	< 0.27 UJ	0.20 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	6.7	14

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
UJ - Not detected
UJ - At an estimated reporting limit

Table 11 - PCB Results for Core OA09
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA09 (SDG 1757)																	
OA0901201301	0	2	0.30 J	< 0.29 UJ	1.5 J	1.6 J	0.77 J	2.3 J	1.6 J	2.7 J	3.8 J	4.0 J	1.8 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.5 J
OA0901201303	2	4	0.46 J	1.2 J	1.8 J	1.4 J	1.1 J	2.3 J	1.8 J	2.7 J	5.4 J	4.9 J	1.9 J	1.2 J	< 0.28 UJ	< 0.28 UJ	3.0 J
OA0901201305	4	6	0.29 J	< 0.29 UJ	1.7 J	1.6 J	0.66 J	2.9 J	1.7 J	3.2 J	4.5 J	4.7 J	2.1 J	1.1 J	< 0.29 UJ	< 0.29 UJ	3.4 J
OA0901201307	6	8	0.27 J	< 0.29 UJ	1.6 J	1.8 J	0.81 J	1.5 J	1.6 J	2.7 J	4.3 J	4.3 J	2.1 J	1.1 J	< 0.29 UJ	< 0.29 UJ	2.9 J
OA0901201309-11	8	12	0.43 J	1.7 J	1.9 J	1.8 J	0.89 J	3.2 J	2.4 J	3.5 J	5.2 J	5.5 J	2.6 J	1.9 J	< 0.29 UJ	< 0.29 UJ	3.2 J
OA0901201313-15	12	16	< 0.57 UJ	1.5 J	2.1 J	1.5 J	1.4 J	2.9 J	2.4 J	3.8 J	5.5 J	5.6 J	2.4 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.2 J
OA0901201317-19	16	20	0.51 J	1.6 J	2.4 J	2.3 J	1.1 J	5.0 J	2.6 J	4.2 J	5.9 J	6.4 J	2.8 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	4.1 J
OA0901201321-23	20	24	0.61 J	2.3 J	2.8 J	2.4 J	1.6 J	4.4 J	2.8 J	5.4 J	7.6 J	7.6 J	3.3 J	1.5 J	< 0.29 UJ	< 0.29 UJ	4.6 J
OA0901201325-27	24	28	0.77 J	2.9 J	3.1 J	2.9 J	1.4 J	4.8 J	3.6 J	6.4 J	8.5 J	9.5 J	4.1 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	6.0 J
OA0901201329-31	28	32	0.71 J	2.9 J	3.4 J	3.4 J	< 0.28 UJ	5.6 J	3.7 J	6.7 J	9.0 J	9.9 J	4.6 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	6.0 J
OA0901201333-35	32	36	1.1 J	< 0.29 UJ	6.3 J	3.6 J	1.6 J	9.3 J	6.9 J	11 J	16 J	16 J	7.5 J	3.2 J	< 0.29 UJ	< 0.29 UJ	11 J
OA0901201337-39	36	40	1.3 J	4.1 J	7.6 J	6.0 J	2.5 J	13 J	8.4 J	16 J	21 J	19 J	9.3 J	5.5 J	< 0.30 UJ	< 0.30 UJ	12 J
OA0901201341-43	40	44	1.4 J	3.6 J	6.3 J	6.6 J	2.2 J	9.7 J	7.6 J	12 J	15 J	15 J	7.0 J	2.9 J	< 0.28 UJ	< 0.28 UJ	8.7 J
OA0901201345-47	44	48	1.1 J	4.2 J	6.1 J	3.8 J	1.6 J	8.0 J	5.5 J	8.3 J	11 J	12 J	5.4 J	2.9 J	0.74 J	< 0.28 UJ	7.2 J
OA0901201349-51	48	52	0.64 J	4.4 J	3.8 J	3.2 J	1.2 J	5.2 J	3.9 J	6.6 J	8.6 J	7.8 J	3.8 J	2.7 J	< 0.28 UJ	< 0.28 UJ	6.1 J
OA0901201353-55	52	56	0.58 J	2.4 J	2.1 J	1.3 J	1.1 J	2.9 J	2.2 J	4.3 J	5.0 J	4.5 J	2.3 J	1.2 J	< 0.28 UJ	< 0.28 UJ	3.2 J
OA0901201357-59	56	60	0.48 J	1.3 J	1.5 J	1.3 J	< 0.27 UJ	2.7 J	1.4 J	2.7 J	3.3 J	3.3 J	1.8 J	0.82 J	< 0.27 UJ	< 0.27 UJ	2.8 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 11 - PCB Results for Core OA09
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>101</i>	<i>105</i>	<i>110</i>	<i>114</i>	<i>118</i>	<i>119</i>	<i>123</i>	<i>126</i>	<i>128</i>	<i>132/153</i>	<i>138/158</i>	<i>149</i>	<i>151</i>	<i>156</i>
Outfall ID OA09 (SDG 1757)																
OA0901201301	0	2	5.1 J	3.7 J	4.5 J	< 0.29 UJ	5.1 J	0.37 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	6.0 J	4.6 J	2.5 J	0.94 J	< 0.29 UJ
OA0901201303	2	4	5.7 J	4.2 J	5.8 J	< 0.28 UJ	6.0 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.98 J	7.7 J	6.0 J	3.9 J	1.0 J	1.1 J
OA0901201305	4	6	6.2 J	3.8 J	5.3 J	< 0.29 UJ	6.5 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.1 J	7.3 J	5.9 J	3.4 J	1.2 J	1.1 J
OA0901201307	6	8	5.6 J	3.7 J	5.0 J	< 0.29 UJ	6.3 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.3 J	7.0 J	6.0 J	3.2 J	0.87 J	1.1 J
OA0901201309-11	8	12	7.5 J	5.1 J	6.9 J	< 0.29 UJ	8.4 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	8.8 J	7.6 J	4.1 J	1.3 J	1.4 J
OA0901201313-15	12	16	6.6 J	5.0 J	6.8 J	< 0.29 UJ	8.4 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.7 J	9.1 J	7.5 J	3.9 J	1.0 J	1.2 J
OA0901201317-19	16	20	7.6 J	4.3 J	8.3 J	< 0.28 UJ	9.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.9 J	10 J	9.3 J	5.5 J	1.5 J	1.3 J
OA0901201321-23	20	24	9.4 J	6.6 J	9.1 J	< 0.29 UJ	9.3 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.3 J	11 J	9.6 J	6.0 J	1.6 J	1.6 J
OA0901201325-27	24	28	12 J	7.9 J	11 J	< 0.29 UJ	12 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.9 J	14 J	12 J	6.5 J	1.8 J	2.4 J
OA0901201329-31	28	32	13 J	8.0 J	12 J	< 0.28 UJ	12 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.7 J	16 J	13 J	7.6 J	2.2 J	2.5 J
OA0901201333-35	32	36	21 J	13 J	20 J	< 0.29 UJ	22 J	< 0.29 UJ	< 0.29 UJ	0.46 J	4.9 J	27 J	22 J	13 J	3.8 J	3.7 J
OA0901201337-39	36	40	27 J	16 J	26 J	< 0.30 UJ	27 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	6.2 J	35 J	26 J	17 J	5.1 J	5.1 J
OA0901201341-43	40	44	19 J	11 J	18 J	< 0.28 UJ	19 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.8 J	26 J	20 J	11 J	3.4 J	3.6 J
OA0901201345-47	44	48	15 J	8.1 J	15 J	< 0.28 UJ	14 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.5 J	18 J	14 J	8.5 J	2.6 J	2.2 J
OA0901201349-51	48	52	11 J	7.2 J	10 J	< 0.28 UJ	12 J	0.96 J	1.9 J	< 0.28 UJ	4.1 J	13 J	11 J	6.6 J	2.0 J	1.9 J
OA0901201353-55	52	56	6.8 J	4.0 J	6.3 J	< 0.28 UJ	6.1 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	8.2 J	6.5 J	4.0 J	1.8 J	1.1 J
OA0901201357-59	56	60	4.3 J	2.3 J	3.8 J	< 0.27 UJ	4.1 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.1 J	5.1 J	4.3 J	2.7 J	0.99 J	1.1 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 11 - PCB Results for Core OA09
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA09 (SDG 1757)																			
OA0901201301	0	2	< 0.29	< 0.29	< 0.29	1.3 J	0.93 J	2.6 J	0.56 J	1.3 J	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29 UJ	29	62
OA0901201303	2	4	< 0.28	< 0.28	< 0.28	1.8 J	0.68 J	3.7 J	0.67 J	1.7 J	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	0.96 J	41	81
OA0901201305	4	6	< 0.29	< 0.29	< 0.29	1.9 J	1.1 J	3.2 J	0.94 J	1.6 J	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	0.84 J	40	80
OA0901201307	6	8	< 0.29	< 0.29	< 0.29	1.8 J	0.87 J	2.9 J	0.86 J	1.8 J	< 0.29	1.1 J	< 0.29	< 0.29	0.80 J	< 0.29	1.3 J	37	76
OA0901201309-11	8	12	< 0.29	< 0.29	< 0.29	1.7 J	1.2 J	3.7 J	0.93 J	1.8 J	< 0.29	< 0.29	0.56 J	< 0.29	< 0.29	< 0.29	1.5 J	48	97
OA0901201313-15	12	16	< 0.29	< 0.29	< 0.29	2.6 J	1.2 J	4.1 J	0.95 J	2.2 J	< 0.29	1.3 J	< 0.29	< 0.29	1.3 J	< 0.29	0.90 J	48	98
OA0901201317-19	16	20	< 0.28	< 0.28	< 0.28	2.1 J	1.3 J	4.8 J	0.99 J	2.2 J	< 0.28	< 0.28	0.84 J	< 0.28	0.79 J	< 0.28	1.1 J	55	110
OA0901201321-23	20	24	< 0.29	< 0.29	< 0.29	2.5 J	1.4 J	4.8 J	1.0 J	2.6 J	< 0.29	1.2 J	< 0.29	< 0.29	1.5 J	1.1 J	1.3 J	66	130
OA0901201325-27	24	28	< 0.29	< 0.29	< 0.29	2.2 J	1.5 J	5.9 J	1.6 J	3.1 J	< 0.29	1.4 J	< 0.29	< 0.29	1.5 J	1.1 J	1.7 J	77	160
OA0901201329-31	28	32	< 0.28	< 0.28	< 0.28	2.6 J	1.6 J	6.7 J	1.7 J	3.1 J	< 0.28	1.5 J	< 0.28	< 0.28	1.5 J	2.2 J	2.2 J	84	170
OA0901201333-35	32	36	< 0.29	< 0.29	< 0.29	4.0 J	2.4 J	11 J	2.2 J	5.9 J	< 0.29	2.2 J	1.2 J	< 0.29	2.5 J	< 0.29	3.1 J	140	280
OA0901201337-39	36	40	1.4 J	< 0.30	< 0.30	5.2 J	3.3 J	13 J	3.8 J	6.9 J	< 0.30	1.9 J	< 0.30	< 0.30	3.4 J	2.0 J	3.4 J	180	360
OA0901201341-43	40	44	< 0.28	< 0.28	< 0.28	4.1 J	2.5 J	11 J	2.1 J	5.1 J	< 0.28	2.5 J	1.1 J	< 0.28	2.3 J	1.5 J	3.0 J	130	270
OA0901201345-47	44	48	< 0.28	< 0.28	< 0.28	3.5 J	2.1 J	7.1 J	1.6 J	3.8 J	< 0.28	1.9 J	< 0.28	< 0.28	2.2 J	0.80 J	2.2 J	100	210
OA0901201349-51	48	52	2.6 J	< 0.28	< 0.28	3.3 J	1.4 J	5.5 J	1.5 J	2.6 J	< 0.28	2.0 J	< 0.28	< 0.28	1.6 J	< 0.28	< 0.28 UJ	82	160
OA0901201353-55	52	56	< 0.28	< 0.28	< 0.28	1.5 J	0.94 J	5.5 J	1.0 J	2.1 J	< 0.28	1.9 J	< 0.28	< 0.28	1.1 J	< 0.28	1.3 J	47	93
OA0901201357-59	56	60	< 0.27	< 0.27	< 0.27	0.96 J	0.56 J	2.2 J	0.70 J	0.96 J	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	0.63 J	30	59

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 12 - PCB Results for Core OA10
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA10 (SDG 1755)																	
OA1001201301	0	2	< 2.4 UJ	< 1.2 UJ	5.3 J	5.3 J	< 1.2 UJ	10 J	5.3 J	10 J	15 J	13 J	7.3 J	3.4 J	< 1.2 UJ	26 J	8.1 J
OA1001201303	2	4	< 2.1 UJ	< 1.1 UJ	4.7 J	3.8 J	< 1.1 UJ	9.1 J	5.5 J	9.6 J	14 J	12 J	6.1 J	2.5 J	< 1.1 UJ	< 1.1 UJ	8.0 J
OA1001201305	4	6	4.0 J	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	43 J	23 J	41 J	63 J	46 J	27 J	14 J	< 1.2 UJ	95 J	31 J
OA1001201307	6	8	13 J	74 J	100 J	120 J	22 J	240 J	140 J	260 J	290 J	280 J	140 J	32 J	< 0.71 UJ	< 0.71 UJ	110 J
OA1001201309-11	8	12	19 J	51 J	78 J	120 J	12 J	240 J	110 J	210 J	270 J	270 J	120 J	34 J	< 0.40 UJ	210 J	130 J
OA1001201313-15	12	16	12 J	< 0.39 UJ	30 J	28 J	5.1 J	140 J	61 J	150 J	130 J	170 J	72 J	22 J	< 0.39 UJ	220 J	85 J
OA1001201317-19	16	20	6.4 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	3.0 J	58 J	28 J	60 J	64 J	67 J	33 J	10 J	< 0.31 UJ	120 J	36 J
OA1001201321-23	20	24	1.9 J	1.7 J	2.8 J	3.9 J	< 0.28 UJ	5.9 J	3.6 J	6.8 J	6.8 J	6.1 J	3.9 J	0.95 J	< 0.28 UJ	12 J	4.5 J
OA1001201325-27	24	28	0.90 J	1.2 J	1.7 J	1.8 J	< 0.28 UJ	3.0 J	1.8 J	3.2 J	3.1 J	3.0 J	1.8 J	< 0.28 UJ	< 0.28 UJ	5.2 J	1.8 J
OA1001201329-31	28	32	< 0.57 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.0 J	0.67 J	1.4 J	1.3 J	1.2 J	0.95 J	0.76 J	< 0.28 UJ	2.7 J	1.6 J
OA1001201333-35	32	36	< 0.56 UJ	< 0.28 UJ	0.24 J	< 0.28 UJ	< 0.28 UJ	0.39 J	0.21 J	0.25 J	0.36 J	0.34 J	0.35 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.48 J
OA1001201337-39	36	40	0.34 J	1.2 J	1.2 J	1.0 J	< 0.28 UJ	2.0 J	1.3 J	2.4 J	3.1 J	2.5 J	1.6 J	0.64 J	< 0.28 UJ	4.4 J	1.7 J
OA1001201341-43	40	44	< 0.56 UJ	< 0.28 UJ	0.25 J	< 0.28 UJ	< 0.28 UJ	0.64 J	0.29 J	0.42 J	0.54 J	0.49 J	0.42 J	< 0.28 UJ	< 0.28 UJ	1.0 J	0.44 J
OA1001201345-47	44	48	< 0.56 UJ	< 0.28 UJ	0.75 J	0.59 J	< 0.28 UJ	1.6 J	0.73 J	1.5 J	2.2 J	1.5 J	1.0 J	0.68 J	< 0.28 UJ	3.9 J	1.8 J
OA1001201349-51	48	52	< 0.50 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 12 - PCB Results for Core OA10
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA10 (SDG 1755)																	
OA1001201301	0	2	19 J	11 J	18 J	< 1.2 UJ	18 J	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	3.4 J	23 J	19 J	11 J	3.4 J	2.9 J	< 1.2 UJ
OA1001201303	2	4	17 J	9.4 J	16 J	< 1.1 UJ	17 J	< 1.1 UJ	< 1.1 UJ	< 1.1 UJ	3.0 J	17 J	16 J	9.2 J	2.5 J	1.9 J	< 1.1 UJ
OA1001201305	4	6	67 J	39 J	76 J	< 1.2 UJ	75 J	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	15 J	80 J	74 J	46 J	14 J	9.2 J	< 1.2 UJ
OA1001201307	6	8	230 J	110 J	220 J	< 0.71 UJ	200 J	13 J	< 0.71 UJ	< 0.71 UJ	32 J	170 J	160 J	99 J	24 J	18 J	< 0.71 UJ
OA1001201309-11	8	12	310 J	140 J	290 J	< 0.40 UJ	260 J	< 0.40 UJ	< 0.40 UJ	< 0.40 UJ	48 J	310 J	280 J	180 J	47 J	30 J	< 0.40 UJ
OA1001201313-15	12	16	200 J	90 J	190 J	< 0.39 UJ	170 J	< 0.39 UJ	< 0.39 UJ	< 0.39 UJ	35 J	210 J	200 J	130 J	32 J	25 J	< 0.39 UJ
OA1001201317-19	16	20	77 J	38 J	84 J	< 0.31 UJ	73 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	15 J	110 J	93 J	63 J	20 J	11 J	< 0.31 UJ
OA1001201321-23	20	24	9.0 J	5.2 J	9.2 J	< 0.28 UJ	8.5 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.1 J	9.6 J	8.4 J	6.1 J	1.6 J	1.3 J	< 0.28 UJ
OA1001201325-27	24	28	3.9 J	2.7 J	4.1 J	< 0.28 UJ	4.1 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.1 J	4.6 J	3.9 J	2.5 J	0.84 J	< 0.28 UJ	< 0.28 UJ
OA1001201329-31	28	32	3.2 J	2.3 J	3.0 J	< 0.28 UJ	3.5 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.85 J	5.7 J	4.8 J	3.2 J	0.94 J	< 0.28 UJ	< 0.28 UJ
OA1001201333-35	32	36	0.74 J	0.92 J	0.71 J	< 0.28 UJ	1.2 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.1 J	0.97 J	0.46 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA1001201337-39	36	40	3.5 J	2.5 J	3.3 J	< 0.28 UJ	3.8 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.0 J	3.9 J	3.5 J	2.3 J	0.70 J	< 0.28 UJ	< 0.28 UJ
OA1001201341-43	40	44	0.71 J	0.42 J	0.71 J	< 0.28 UJ	0.68 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.65 J	0.67 J	0.35 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA1001201345-47	44	48	2.7 J	2.8 J	2.6 J	< 0.28 UJ	3.0 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.89 J	3.4 J	3.2 J	1.9 J	0.53 J	< 0.28 UJ	< 0.28 UJ
OA1001201349-51	48	52	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.50 UJ	< 0.50 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
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Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 12 - PCB Results for Core OA10
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA10 (SDG 1755)																			
OA1001201301	0	2	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	4.2 J	2.3 J	10 J	2.4 J	4.4 J	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	120	260
OA1001201303	2	4	0.49 J	< 1.1 UJ	< 1.1 UJ	4.0 J	1.9 J	7.7 J	1.9 J	4.0 J	< 1.1 UJ	2.0 J	0.80 J	< 1.1 UJ	2.3 J	1.3 J	1.9 J	110	210
OA1001201305	4	6	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	18 J	8.2 J	35 J	8.8 J	19 J	< 1.2 UJ	9.7 J	< 1.2 UJ	2.2 J	8.5 J	4.5 J	9.0 J	450	1,000
OA1001201307	6	8	4.0 J	< 0.71 UJ	< 0.71 UJ	37 J	18 J	75 J	18 J	41 J	< 0.71 UJ	18 J	7.3 J	2.7 J	18 J	9.1 J	14 J	1,700	3,400
OA1001201309-11	8	12	15 J	< 0.40 UJ	< 0.40 UJ	48 J	29 J	130 J	28 J	72 J	< 0.40 UJ	21 J	12 J	4.8 J	26 J	19 J	17 J	2,000	4,200
OA1001201313-15	12	16	< 0.39 UJ	< 0.39 UJ	< 0.39 UJ	44 J	21 J	92 J	21 J	44 J	< 0.39 UJ	22 J	7.7 J	3.2 J	18 J	14 J	21 J	1,200	2,700
OA1001201317-19	16	20	< 0.31 UJ	< 0.31 UJ	7.3 J	36 J	20 J	98 J	23 J	55 J	< 0.31 UJ	30 J	11 J	5.5 J	28 J	11 J	7.8 J	650	1,400
OA1001201321-23	20	24	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.4 J	1.4 J	4.7 J	1.1 J	2.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.5 J	1.4 J	2.4 J	64	140
OA1001201325-27	24	28	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J	0.67 J	1.9 J	0.58 J	1.4 J	< 0.28 UJ	1.5 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.0 J	1.5 J	31	66
OA1001201329-31	28	32	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.6 J	1.0 J	3.0 J	0.79 J	1.7 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.7 J	0.94 J	1.4 J	24	51
OA1001201333-35	32	36	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.57 J	< 0.28 UJ	0.44 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.55 J	5.4	10
OA1001201337-39	36	40	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.91 J	0.62 J	1.9 J	0.50 J	0.73 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.64 J	< 0.28 UJ	0.48 J	25	54
OA1001201341-43	40	44	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.47 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	4.1	9.2
OA1001201345-47	44	48	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.52 J	1.5 J	0.47 J	0.86 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.67 J	< 0.28 UJ	0.50 J	19	42
OA1001201349-51	48	52	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	ND	ND

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 13 - PCB Results for Core OA10R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA10 (SDG 1814)																	
OA1002201301	0	2	1.2 J	< 0.35 UJ	8.7 J	7.4 J	< 0.35 UJ	16 J	10 J	18 J	26 J	22 J	12 J	5.0 J	< 0.35 UJ	< 0.35 UJ	16 J
OA1002201303	2	4	1.8 J	< 0.34 UJ	14 J	9.6 J	< 0.34 UJ	27 J	19 J	29 J	41 J	36 J	19 J	8.9 J	< 0.34 UJ	< 0.34 UJ	26 J
OA1002201305	4	6	3.1 J	< 0.34 UJ	18 J	13 J	< 0.34 UJ	38 J	24 J	42 J	54 J	48 J	24 J	8.6 J	< 0.34 UJ	< 0.34 UJ	34 J
OA1002201307	6	8	4.7 J	19 J	35 J	28 J	7.2 J	73 J	48 J	80 J	100 J	95 J	47 J	16 J	< 0.49 UJ	< 0.49 UJ	58 J
OA1002201309-11	8	12	13 J	60 J	92 J	79 J	20 J	170 J	110 J	200 J	210 J	230 J	110 J	40 J	< 1.9 UJ	< 1.9 UJ	120 J
OA1002201313-15	12	16	7.1 J	30 J	48 J	36 J	8.2 J	86 J	55 J	99 J	100 J	100 J	52 J	16 J	< 0.34 UJ	< 0.34 UJ	60 J
OA1002201317-19	16	20	2.0 J	6.1 J	7.8 J	6.2 J	1.8 J	13 J	8.3 J	16 J	16 J	16 J	8.0 J	3.0 J	< 0.28 UJ	< 0.28 UJ	9.7 J
OA1002201321-23	20	24	2.1 J	3.9 J	5.8 J	3.4 J	< 0.28 UJ	8.7 J	6.1 J	12 J	11 J	11 J	5.7 J	2.4 J	< 0.28 UJ	< 0.28 UJ	7.5 J
OA1002201325-27	24	28	0.79 J	1.3 J	1.4 J	0.96 J	< 0.27 UJ	2.1 J	1.5 J	2.7 J	2.5 J	2.1 J	1.3 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.7 J
OA1002201329-31	28	32	0.31 J	< 0.27 UJ	0.61 J	< 0.27 UJ	< 0.27 UJ	0.59 J	0.51 J	0.83 J	0.75 J	0.67 J	0.47 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.75 J
OA1002201333-35	32	36	0.90 J	1.6 J	3.0 J	1.7 J	< 0.26 UJ	4.4 J	3.2 J	5.9 J	6.3 J	5.1 J	3.2 J	0.88 J	< 0.26 UJ	< 0.26 UJ	3.9 J
OA1002201337-39	36	40	0.26 J	< 0.27 UJ	0.33 J	< 0.27 UJ	< 0.27 UJ	0.73 J	0.26 J	0.69 J	0.55 J	0.47 J	0.36 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.48 J
OA1002201341-43	40	44	< 0.55 UJ	< 0.28 UJ	0.64 J	0.39 J	< 0.28 UJ	1.1 J	0.69 J	1.2 J	1.2 J	1.2 J	0.61 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.99 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 13 - PCB Results for Core OA10R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA10 (SDG 1814)																	
OA1002201301	0	2	31 J	17 J	32 J	< 0.35 UJ	30 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	6.4 J	35 J	31 J	18 J	4.9 J	3.4 J	< 0.35 UJ
OA1002201303	2	4	53 J	29 J	51 J	< 0.34 UJ	53 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	10 J	60 J	52 J	34 J	8.6 J	6.4 J	< 0.34 UJ
OA1002201305	4	6	71 J	36 J	71 J	< 0.34 UJ	65 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	13 J	79 J	69 J	45 J	11 J	7.8 J	< 0.34 UJ
OA1002201307	6	8	120 J	61 J	120 J	< 0.49 UJ	110 J	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	21 J	130 J	110 J	73 J	19 J	13 J	< 0.49 UJ
OA1002201309-11	8	12	270 J	130 J	270 J	< 1.9 UJ	250 J	< 1.9 UJ	< 1.9 UJ	< 1.9 UJ	43 J	300 J	260 J	170 J	44 J	29 J	< 1.9 UJ
OA1002201313-15	12	16	140 J	62 J	130 J	< 0.34 UJ	120 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	24 J	150 J	130 J	85 J	22 J	14 J	< 0.34 UJ
OA1002201317-19	16	20	20 J	8.7 J	20 J	< 0.28 UJ	18 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.3 J	22 J	19 J	13 J	3.3 J	2.3 J	< 0.28 UJ
OA1002201321-23	20	24	15 J	6.6 J	14 J	< 0.28 UJ	13 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.7 J	16 J	13 J	8.7 J	2.3 J	1.5 J	< 0.28 UJ
OA1002201325-27	24	28	3.3 J	1.4 J	3.0 J	< 0.27 UJ	2.8 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	3.3 J	2.7 J	1.8 J	0.43 J	0.44 J	< 0.27 UJ
OA1002201329-31	28	32	1.5 J	0.81 J	1.2 J	< 0.27 UJ	0.98 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.4 J	1.3 J	0.76 J	0.31 J	< 0.27 UJ	< 0.27 UJ
OA1002201333-35	32	36	7.4 J	3.7 J	6.6 J	< 0.26 UJ	6.4 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	1.2 J	7.0 J	6.6 J	3.8 J	1.1 J	0.79 J	< 0.26 UJ
OA1002201337-39	36	40	0.74 J	0.35 J	0.66 J	< 0.27 UJ	0.79 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.70 J	0.55 J	0.40 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA1002201341-43	40	44	1.5 J	0.57 J	1.5 J	< 0.28 UJ	1.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J	1.1 J	0.77 J	0.22 J	< 0.28 UJ	< 0.28 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 13 - PCB Results for Core OA10R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA10 (SDG 1814)																			
OA1002201301	0	2	0.70 J	< 0.35 UJ	< 0.35 UJ	8.1 J	3.6 J	15 J	3.9 J	7.8 J	< 0.35 UJ	4.0 J	1.3 J	0.58 J	3.2 J	2.4 J	2.9 J	200	400
OA1002201303	2	4	1.6 J	< 0.34 UJ	< 0.34 UJ	14 J	6.5 J	26 J	6.0 J	12 J	< 0.34 UJ	6.8 J	2.7 J	1.3 J	5.6 J	4.4 J	4.3 J	340	680
OA1002201305	4	6	2.1 J	< 0.34 UJ	< 0.34 UJ	17 J	8.2 J	34 J	7.6 J	16 J	< 0.34 UJ	6.8 J	2.4 J	1.5 J	6.6 J	6.0 J	5.6 J	440	890
OA1002201307	6	8	2.3 J	< 0.49 UJ	< 0.49 UJ	28 J	13 J	55 J	13 J	26 J	< 0.49 UJ	14 J	5.2 J	2.3 J	12 J	8.3 J	7.5 J	780	1,600
OA1002201309-11	8	12	8.4 J	< 1.9 UJ	< 1.9 UJ	61 J	33 J	130 J	31 J	63 J	< 1.9 UJ	30 J	14 J	5.6 J	27 J	22 J	16 J	1,800	3,700
OA1002201313-15	12	16	3.7 J	< 0.34 UJ	< 0.34 UJ	30 J	15 J	64 J	15 J	30 J	< 0.34 UJ	13 J	4.5 J	2.5 J	13 J	11 J	9.1 J	900	1,800
OA1002201317-19	16	20	0.78 J	< 0.28 UJ	< 0.28 UJ	4.5 J	2.4 J	9.2 J	2.5 J	4.7 J	< 0.28 UJ	2.2 J	0.93 J	0.64 J	2.4 J	2.1 J	1.9 J	140	280
OA1002201321-23	20	24	0.64 J	< 0.28 UJ	< 0.28 UJ	3.4 J	1.6 J	6.5 J	1.8 J	3.2 J	< 0.28 UJ	1.9 J	0.91 J	0.43 J	1.4 J	1.5 J	1.4 J	100	200
OA1002201325-27	24	28	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.78 J	< 0.27 UJ	1.3 J	0.35 J	0.65 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.50 J	0.56 J	22	42
OA1002201329-31	28	32	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.35 J	< 0.27 UJ	0.62 J	0.23 J	0.37 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.45 J	8.2	16
OA1002201333-35	32	36	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	1.7 J	0.74 J	2.6 J	0.69 J	1.4 J	< 0.26 UJ	0.68 J	< 0.26 UJ	0.21 J	0.67 J	0.66 J	0.47 J	49	94
OA1002201337-39	36	40	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.22 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.22 J	4.4	8.8
OA1002201341-43	40	44	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.42 J	< 0.28 UJ	0.61 J	0.17 J	0.26 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	8.6	18

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 14 - PCB Results for Core OA11
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA11 (SDG 1766)																	
OA1101201301	0	2	< 2.6 UJ	17 J	22 J	23 J	7.2 J	42 J	22 J	47 J	50 J	58 J	29 J	6.5 J	< 1.3 UJ	< 1.3 UJ	24 J
OA1101201303	2	4	< 2.5 UJ	10 J	18 J	16 J	6.5 J	30 J	19 J	34 J	42 J	43 J	22 J	5.4 J	< 1.3 UJ	< 1.3 UJ	21 J
OA1101201305	4	6	< 2.3 UJ	16 J	24 J	23 J	7.4 J	38 J	28 J	45 J	51 J	59 J	28 J	7.1 J	< 1.2 UJ	< 1.2 UJ	26 J
OA1101201307	6	8	< 2.4 UJ	15 J	20 J	21 J	6.3 J	39 J	23 J	47 J	47 J	54 J	25 J	7.3 J	< 1.2 UJ	< 1.2 UJ	26 J
OA1101201309-11	8	12	3.2 J	19 J	30 J	31 J	9.4 J	54 J	35 J	64 J	69 J	78 J	37 J	9.3 J	< 0.33 UJ	< 0.33 UJ	33 J
OA1101201313-15	12	16	4.0 J	21 J	32 J	29 J	9.6 J	52 J	30 J	64 J	66 J	74 J	35 J	9.3 J	< 0.69 UJ	< 0.69 UJ	34 J
OA1101201317-19	16	20	4.7 J	31 J	44 J	41 J	15 J	77 J	49 J	83 J	96 J	110 J	53 J	16 J	< 0.71 UJ	< 0.71 UJ	48 J
OA1101201321-23	20	24	12 J	85 J	120 J	120 J	38 J	230 J	150 J	250 J	260 J	310 J	150 J	40 J	< 0.84 UJ	< 0.84 UJ	120 J
OA1101201325-27	24	28	41 J	360 J	410 J	480 J	120 J	790 J	480 J	860 J	870 J	1,000 J	480 J	100 J	< 1.8 UJ	< 1.8 UJ	370 J
OA1101201329-31	28	32	110 J	890 J	780 J	1,000 J	240 J	1,500 J	830 J	1,700 J	1,400 J	1,700 J	800 J	190 J	< 0.51 UJ	< 0.51 UJ	580 J
OA1101201333-35	32	36	29 J	220 J	240 J	260 J	87 J	430 J	230 J	520 J	420 J	530 J	250 J	63 J	< 3.4 UJ	< 3.4 UJ	220 J
OA1101201337-39	36	40	26 J	170 J	180 J	230 J	66 J	360 J	210 J	410 J	360 J	440 J	200 J	54 J	< 1.6 UJ	< 1.6 UJ	170 J
OA1101201341-43	40	44	22 J	130 J	160 J	190 J	60 J	320 J	190 J	390 J	360 J	430 J	190 J	65 J	< 0.95 UJ	< 0.95 UJ	190 J
OA1101201345-47	44	48	9.3 J	59 J	69 J	86 J	33 J	140 J	78 J	170 J	140 J	190 J	80 J	20 J	< 0.77 UJ	< 0.77 UJ	84 J
OA1101201349-51	48	52	< 2.6 UJ	20 J	23 J	25 J	7.8 J	39 J	22 J	51 J	42 J	52 J	23 J	7.7 J	< 1.3 UJ	< 1.3 UJ	29 J
OA1101201353-55	52	56	4.8 J	30 J	35 J	41 J	12 J	66 J	39 J	77 J	65 J	86 J	39 J	13 J	< 0.65 UJ	< 0.65 UJ	34 J
OA1101201357-59	56	60	2.2 J	13 J	14 J	16 J	3.8 J	25 J	14 J	31 J	27 J	32 J	15 J	3.5 J	< 0.30 UJ	< 0.30 UJ	15 J
OA1101201361-63	60	64	0.69 J	4.1 J	4.3 J	4.5 J	1.3 J	7.0 J	4.8 J	8.1 J	7.5 J	8.6 J	4.2 J	1.1 J	< 0.28 UJ	< 0.28 UJ	3.9 J
OA1101201365-67	64	68	2.8 J	16 J	18 J	20 J	4.6 J	34 J	21 J	39 J	35 J	44 J	20 J	4.3 J	< 0.30 UJ	< 0.30 UJ	19 J
OA1101201369-71	68	72	1.6 J	9.2 J	9.7 J	12 J	3.1 J	19 J	12 J	23 J	21 J	24 J	12 J	2.9 J	< 0.29 UJ	< 0.29 UJ	10 J
OA1101201373-75	72	76	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.29 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA1101201377-79	76	80	1.1 J	4.7 J	3.9 J	4.8 J	1.6 J	8.0 J	4.9 J	8.0 J	8.3 J	10 J	4.8 J	1.3 J	< 0.27 UJ	< 0.27 UJ	4.5 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 14 - PCB Results for Core OA11
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA11 (SDG 1766)																	
OA1101201301	0	2	55 J	37 J	51 J	< 1.3 UJ	51 J	< 1.3 UJ	< 1.3 UJ	< 1.3 UJ	8.0 J	50 J	45 J	26 J	7.2 J	5.2 J	< 1.3 UJ
OA1101201303	2	4	44 J	24 J	45 J	< 1.3 UJ	48 J	< 1.3 UJ	< 1.3 UJ	< 1.3 UJ	7.1 J	42 J	39 J	24 J	6.2 J	5.7 J	< 1.3 UJ
OA1101201305	4	6	53 J	31 J	54 J	< 1.2 UJ	51 J	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	8.6 J	51 J	45 J	26 J	7.1 J	6.2 J	< 1.2 UJ
OA1101201307	6	8	57 J	27 J	56 J	< 1.2 UJ	49 J	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	9.2 J	52 J	48 J	29 J	7.7 J	6.5 J	< 1.2 UJ
OA1101201309-11	8	12	76 J	40 J	77 J	< 0.33 UJ	72 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	13 J	78 J	70 J	43 J	10 J	7.8 J	< 0.33 UJ
OA1101201313-15	12	16	73 J	37 J	71 J	< 0.69 UJ	71 J	< 0.69 UJ	< 0.69 UJ	< 0.69 UJ	14 J	73 J	68 J	41 J	10 J	9.0 J	< 0.69 UJ
OA1101201317-19	16	20	100 J	64 J	100 J	< 0.71 UJ	100 J	< 0.71 UJ	< 0.71 UJ	< 0.71 UJ	19 J	110 J	99 J	60 J	15 J	11 J	< 0.71 UJ
OA1101201321-23	20	24	280 J	150 J	290 J	< 0.84 UJ	260 J	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	43 J	270 J	240 J	150 J	36 J	30 J	< 0.84 UJ
OA1101201325-27	24	28	810 J	430 J	830 J	< 1.8 UJ	770 J	< 1.8 UJ	< 1.8 UJ	< 1.8 UJ	120 J	660 J	610 J	360 J	88 J	74 J	< 1.8 UJ
OA1101201329-31	28	32	1,300 J	620 J	1,300 J	< 0.51 UJ	1,100 J	< 0.51 UJ	< 0.51 UJ	< 0.51 UJ	190 J	980 J	890 J	520 J	150 J	110 J	< 0.51 UJ
OA1101201333-35	32	36	500 J	240 J	490 J	< 3.4 UJ	460 J	< 3.4 UJ	< 3.4 UJ	< 3.4 UJ	87 J	470 J	420 J	260 J	67 J	50 J	< 3.4 UJ
OA1101201337-39	36	40	410 J	200 J	410 J	< 1.6 UJ	380 J	< 1.6 UJ	< 1.6 UJ	< 1.6 UJ	68 J	400 J	360 J	220 J	61 J	44 J	< 1.6 UJ
OA1101201341-43	40	44	460 J	240 J	480 J	< 0.95 UJ	440 J	< 0.95 UJ	< 0.95 UJ	< 0.95 UJ	90 J	540 J	480 J	310 J	80 J	53 J	< 0.95 UJ
OA1101201345-47	44	48	210 J	100 J	210 J	< 0.77 UJ	200 J	< 0.77 UJ	< 0.77 UJ	< 0.77 UJ	42 J	250 J	220 J	140 J	39 J	24 J	< 0.77 UJ
OA1101201349-51	48	52	70 J	39 J	64 J	< 1.3 UJ	64 J	< 1.3 UJ	< 1.3 UJ	< 1.3 UJ	12 J	88 J	76 J	48 J	13 J	9.7 J	< 1.3 UJ
OA1101201353-55	52	56	78 J	37 J	77 J	< 0.65 UJ	71 J	< 0.65 UJ	< 0.65 UJ	< 0.65 UJ	14 J	75 J	69 J	41 J	11 J	7.9 J	< 0.65 UJ
OA1101201357-59	56	60	32 J	17 J	30 J	< 0.30 UJ	29 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	5.2 J	30 J	26 J	16 J	5.0 J	2.9 J	< 0.30 UJ
OA1101201361-63	60	64	8.0 J	5.1 J	7.7 J	< 0.28 UJ	7.7 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.2 J	7.6 J	6.9 J	4.0 J	1.2 J	< 0.28 UJ	< 0.28 UJ
OA1101201365-67	64	68	41 J	19 J	40 J	< 0.30 UJ	37 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	7.1 J	38 J	34 J	22 J	5.4 J	3.9 J	< 0.30 UJ
OA1101201369-71	68	72	22 J	11 J	22 J	< 0.29 UJ	19 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.5 J	20 J	18 J	11 J	2.9 J	2.1 J	< 0.29 UJ
OA1101201373-75	72	76	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.54 UJ	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA1101201377-79	76	80	11 J	4.9 J	9.7 J	< 0.27 UJ	8.3 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.7 J	8.6 J	8.0 J	4.7 J	1.3 J	1.2 J	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 14 - PCB Results for Core OA11
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA11 (SDG 1766)																			
OA1101201301	0	2	< 1.3 UJ	< 1.3 UJ	< 1.3 UJ	10 J	5.9 J	23 J	4.6 J	11 J	< 1.3 UJ	4.8 J	< 1.3 UJ	< 1.3 UJ	5.5 J	< 1.3 UJ	2.8 J	380	750
OA1101201303	2	4	1.3 J	< 1.3 UJ	< 1.3 UJ	9.9 J	4.6 J	18 J	4.8 J	8.7 J	< 1.3 UJ	4.8 J	< 1.3 UJ	< 1.3 UJ	5.2 J	3.2 J	2.7 J	300	620
OA1101201305	4	6	1.4 J	< 1.2 UJ	< 1.2 UJ	11 J	5.3 J	21 J	4.0 J	9.2 J	< 1.2 UJ	6.8 J	< 1.2 UJ	< 1.2 UJ	5.8 J	4.2 J	3.0 J	370	760
OA1101201307	6	8	1.7 J	< 1.2 UJ	< 1.2 UJ	12 J	4.9 J	20 J	6.3 J	9.8 J	< 1.2 UJ	5.6 J	< 1.2 UJ	< 1.2 UJ	4.9 J	3.7 J	2.6 J	370	740
OA1101201309-11	8	12	1.8 J	< 0.33 UJ	< 0.33 UJ	17 J	7.3 J	32 J	7.9 J	17 J	< 0.33 UJ	8.1 J	2.4 J	1.5 J	7.5 J	5.3 J	3.5 J	530	1,100
OA1101201313-15	12	16	2.1 J	< 0.69 UJ	< 0.69 UJ	19 J	6.7 J	35 J	8.0 J	15 J	< 0.69 UJ	12 J	3.3 J	1.3 J	8.4 J	6.6 J	4.6 J	530	1,000
OA1101201317-19	16	20	3.0 J	< 0.71 UJ	< 0.71 UJ	22 J	9.2 J	48 J	11 J	23 J	< 0.71 UJ	10 J	4.2 J	2.9 J	9.4 J	7.8 J	6.5 J	750	1,500
OA1101201321-23	20	24	9.5 J	< 0.84 UJ	< 0.84 UJ	47 J	25 J	110 J	26 J	50 J	< 0.84 UJ	24 J	< 0.84 UJ	4.6 J	20 J	16 J	15 J	2,000	4,000
OA1101201325-27	24	28	16 J	< 1.8 UJ	< 1.8 UJ	120 J	56 J	240 J	59 J	120 J	< 1.8 UJ	50 J	15 J	10 J	49 J	36 J	20 J	6,000	12,000
OA1101201329-31	28	32	40 J	< 0.51 UJ	< 0.51 UJ	190 J	52 J	310 J	63 J	140 J	< 0.51 UJ	82 J	26 J	9.2 J	66 J	49 J	13 J	10,000	20,000
OA1101201333-35	32	36	13 J	< 3.4 UJ	< 3.4 UJ	95 J	35 J	190 J	44 J	89 J	< 3.4 UJ	46 J	16 J	< 3.4 UJ	40 J	30 J	11 J	3,600	7,200
OA1101201337-39	36	40	8.6 J	< 1.6 UJ	< 1.6 UJ	83 J	39 J	160 J	40 J	74 J	< 1.6 UJ	38 J	12 J	7.8 J	33 J	20 J	8.9 J	3,000	6,000
OA1101201341-43	40	44	9.7 J	< 0.95 UJ	< 0.95 UJ	110 J	61 J	250 J	64 J	120 J	< 0.95 UJ	52 J	16 J	10 J	47 J	31 J	14 J	3,300	6,700
OA1101201345-47	44	48	5.1 J	< 0.77 UJ	< 0.77 UJ	52 J	29 J	110 J	29 J	53 J	< 0.77 UJ	25 J	8.2 J	6.1 J	23 J	17 J	13 J	1,500	3,000
OA1101201349-51	48	52	1.6 J	< 1.3 UJ	< 1.3 UJ	22 J	12 J	40 J	11 J	20 J	< 1.3 UJ	13 J	< 1.3 UJ	< 1.3 UJ	11 J	8.4 J	8.7 J	490	970
OA1101201353-55	52	56	1.6 J	< 0.65 UJ	< 0.65 UJ	15 J	7.1 J	32 J	7.4 J	14 J	< 0.65 UJ	7.7 J	< 0.65 UJ	< 0.65 UJ	6.6 J	5.8 J	4.0 J	560	1,100
OA1101201357-59	56	60	0.78 J	< 0.30 UJ	< 0.30 UJ	7.1 J	3.1 J	12 J	2.9 J	6.1 J	< 0.30 UJ	3.1 J	< 0.30 UJ	< 0.30 UJ	2.9 J	2.1 J	1.7 J	230	450
OA1101201361-63	60	64	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.8 J	< 0.28 UJ	2.9 J	0.69 J	1.5 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	60	120
OA1101201365-67	64	68	0.77 J	< 0.30 UJ	< 0.30 UJ	8.4 J	3.6 J	16 J	3.9 J	7.6 J	< 0.30 UJ	4.4 J	1.2 J	0.86 J	3.6 J	2.5 J	1.2 J	290	580
OA1101201369-71	68	72	0.47 J	< 0.29 UJ	< 0.29 UJ	4.1 J	2.1 J	8.1 J	2.0 J	3.8 J	< 0.29 UJ	2.1 J	< 0.29 UJ	< 0.29 UJ	1.9 J	1.5 J	0.83 J	160	320
OA1101201373-75	72	76	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.29	0.29
OA1101201377-79	76	80	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.6 J	0.89 J	4.0 J	0.95 J	1.9 J	< 0.27 UJ	1.4 J	< 0.27 UJ	0.24 J	0.91 J	0.91 J	0.50 J	70	140

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 15 - PCB Results for Core OA11R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA11 (SDG 1810)																	
OA1102201301	0	2	1.5 J	9.9 J	20 J	18 J	6.2 J	36 J	22 J	43 J	48 J	53 J	25 J	7.5 J	< 0.76 UJ	< 0.76 UJ	23 J
OA1102201303	2	4	2.5 J	16 J	27 J	28 J	8.2 J	52 J	33 J	63 J	71 J	77 J	37 J	12 J	< 0.71 UJ	< 0.71 UJ	36 J
OA1102201305	4	6	2.7 J	12 J	22 J	22 J	7.2 J	40 J	25 J	47 J	51 J	55 J	26 J	8.9 J	< 0.63 UJ	< 0.63 UJ	26 J
OA1102201307	6	8	2.3 J	12 J	17 J	18 J	5.4 J	31 J	19 J	37 J	39 J	44 J	21 J	6.6 J	< 1.2 UJ	< 1.2 UJ	19 J
OA1102201309-11	8	12	3.7 J	21 J	35 J	33 J	10 J	63 J	38 J	70 J	73 J	90 J	41 J	12 J	< 0.33 UJ	< 0.33 UJ	42 J
OA1102201313-15	12	16	4.7 J	32 J	47 J	50 J	14 J	90 J	52 J	99 J	100 J	120 J	56 J	18 J	< 1.4 UJ	< 1.4 UJ	54 J
OA1102201317-19	16	20	12 J	84 J	130 J	120 J	42 J	240 J	130 J	250 J	270 J	300 J	150 J	46 J	< 1.6 UJ	< 1.6 UJ	130 J
OA1102201321-23	20	24	40 J	370 J	480 J	510 J	140 J	940 J	520 J	1,000 J	1,000 J	1,100 J	570 J	120 J	< 1.9 UJ	< 1.9 UJ	420 J
OA1102201325-27	24	28	72 J	650 J	700 J	820 J	220 J	1,300 J	820 J	1,500 J	1,300 J	1,600 J	770 J	180 J	< 2.1 UJ	< 2.1 UJ	570 J
OA1102201329-31	28	32	43 J	350 J	400 J	470 J	130 J	760 J	450 J	860 J	770 J	960 J	440 J	110 J	< 2.0 UJ	< 2.0 UJ	380 J
OA1102201333-35	32	36	51 J	360 J	350 J	500 J	120 J	740 J	390 J	870 J	690 J	970 J	410 J	130 J	< 2.1 UJ	< 2.1 UJ	330 J
OA1102201337-39	36	40	32 J	220 J	230 J	290 J	110 J	440 J	240 J	520 J	470 J	570 J	260 J	78 J	< 1.8 UJ	< 1.8 UJ	210 J
OA1102201341-43	40	44	14 J	86 J	130 J	130 J	40 J	240 J	140 J	310 J	270 J	330 J	150 J	55 J	< 1.7 UJ	< 1.7 UJ	150 J
OA1102201345-47	44	48	14 J	110 J	130 J	170 J	45 J	270 J	150 J	330 J	280 J	370 J	160 J	49 J	< 1.6 UJ	< 1.6 UJ	160 J
OA1102201349-51	48	52	4.1 J	32 J	46 J	44 J	15 J	88 J	52 J	110 J	98 J	120 J	55 J	20 J	< 0.34 UJ	< 0.34 UJ	64 J
OA1102201353-55	52	56	4.1 J	26 J	33 J	40 J	12 J	65 J	40 J	82 J	73 J	89 J	41 J	14 J	< 0.32 UJ	< 0.32 UJ	46 J
OA1102201357-59	56	60	5.2 J	39 J	49 J	56 J	16 J	99 J	58 J	110 J	100 J	130 J	59 J	18 J	< 0.59 UJ	< 0.59 UJ	54 J
OA1102201361-63	60	64	0.60 J	4.2 J	4.9 J	5.4 J	1.6 J	9.1 J	5.2 J	11 J	9.6 J	12 J	6.0 J	2.0 J	< 0.27 UJ	< 0.27 UJ	5.4 J
OA1102201365-67	64	68	0.63 J	2.0 J	2.2 J	3.0 J	< 0.53 UJ	4.0 J	2.4 J	4.4 J	3.3 J	4.4 J	2.1 J	< 0.53 UJ	< 0.53 UJ	< 0.53 UJ	2.5 J
OA1102201369-71	68	72	0.26 J	1.1 J	1.2 J	1.4 J	< 0.27 UJ	2.1 J	1.4 J	2.6 J	2.2 J	2.8 J	1.3 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.2 J
OA1102201373-75	72	76	0.66 J	3.9 J	5.1 J	5.4 J	1.6 J	9.3 J	5.6 J	11 J	10 J	13 J	5.9 J	1.7 J	< 0.28 UJ	< 0.28 UJ	5.4 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 15 - PCB Results for Core OA11R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA11 (SDG 1810)																	
OA1102201301	0	2	48 J	27 J	47 J	< 0.76 UJ	47 J	< 0.76 UJ	< 0.76 UJ	< 0.76 UJ	8.9 J	46 J	43 J	23 J	6.2 J	5.4 J	< 0.76 UJ
OA1102201303	2	4	74 J	38 J	71 J	< 0.71 UJ	72 J	< 0.71 UJ	< 0.71 UJ	< 0.71 UJ	12 J	72 J	63 J	37 J	9.6 J	8.7 J	< 0.71 UJ
OA1102201305	4	6	52 J	26 J	53 J	< 0.63 UJ	50 J	< 0.63 UJ	< 0.63 UJ	< 0.63 UJ	8.6 J	49 J	44 J	27 J	7.4 J	5.8 J	< 0.63 UJ
OA1102201307	6	8	40 J	20 J	39 J	< 1.2 UJ	36 J	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	6.5 J	35 J	32 J	19 J	5.4 J	4.1 J	< 1.2 UJ
OA1102201309-11	8	12	85 J	45 J	83 J	< 0.33 UJ	81 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	16 J	86 J	79 J	49 J	13 J	9.3 J	< 0.33 UJ
OA1102201313-15	12	16	100 J	54 J	110 J	< 1.4 UJ	100 J	< 1.4 UJ	< 1.4 UJ	< 1.4 UJ	19 J	100 J	88 J	57 J	14 J	11 J	< 1.4 UJ
OA1102201317-19	16	20	280 J	150 J	280 J	< 1.6 UJ	260 J	< 1.6 UJ	< 1.6 UJ	< 1.6 UJ	43 J	250 J	220 J	140 J	35 J	28 J	< 1.6 UJ
OA1102201321-23	20	24	900 J	450 J	870 J	< 1.9 UJ	790 J	< 1.9 UJ	< 1.9 UJ	< 1.9 UJ	120 J	640 J	590 J	370 J	91 J	72 J	< 1.9 UJ
OA1102201325-27	24	28	1,400 J	630 J	1,300 J	< 2.1 UJ	1,200 J	< 2.1 UJ	< 2.1 UJ	< 2.1 UJ	180 J	1,000 J	940 J	600 J	140 J	120 J	< 2.1 UJ
OA1102201329-31	28	32	940 J	440 J	920 J	< 2.0 UJ	800 J	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	150 J	850 J	770 J	490 J	130 J	83 J	< 2.0 UJ
OA1102201333-35	32	36	880 J	400 J	870 J	< 2.1 UJ	780 J	< 2.1 UJ	< 2.1 UJ	< 2.1 UJ	140 J	820 J	710 J	470 J	120 J	86 J	< 2.1 UJ
OA1102201337-39	36	40	520 J	250 J	510 J	< 1.8 UJ	470 J	< 1.8 UJ	< 1.8 UJ	< 1.8 UJ	85 J	510 J	450 J	290 J	77 J	51 J	< 1.8 UJ
OA1102201341-43	40	44	360 J	170 J	340 J	< 1.7 UJ	340 J	< 1.7 UJ	< 1.7 UJ	< 1.7 UJ	65 J	420 J	370 J	230 J	64 J	42 J	< 1.7 UJ
OA1102201345-47	44	48	380 J	170 J	380 J	< 1.6 UJ	340 J	< 1.6 UJ	< 1.6 UJ	< 1.6 UJ	62 J	420 J	360 J	240 J	64 J	40 J	< 1.6 UJ
OA1102201349-51	48	52	160 J	72 J	160 J	< 0.34 UJ	140 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	29 J	190 J	160 J	110 J	31 J	18 J	< 0.34 UJ
OA1102201353-55	52	56	110 J	55 J	110 J	< 0.32 UJ	97 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	19 J	120 J	110 J	69 J	18 J	12 J	< 0.32 UJ
OA1102201357-59	56	60	120 J	56 J	120 J	< 0.59 UJ	110 J	< 0.59 UJ	< 0.59 UJ	< 0.59 UJ	19 J	110 J	100 J	62 J	17 J	12 J	< 0.59 UJ
OA1102201361-63	60	64	12 J	5.8 J	12 J	< 0.27 UJ	11 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.8 J	11 J	9.7 J	6.4 J	1.9 J	1.1 J	< 0.27 UJ
OA1102201365-67	64	68	4.8 J	3.0 J	4.7 J	< 0.53 UJ	4.6 J	< 0.53 UJ	< 0.53 UJ	< 0.53 UJ	< 0.53 UJ	5.2 J	4.3 J	2.9 J	< 0.53 UJ	< 0.53 UJ	< 0.53 UJ
OA1102201369-71	68	72	2.5 J	1.2 J	2.2 J	< 0.27 UJ	2.2 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.2 J	1.9 J	1.3 J	0.44 J	< 0.27 UJ	< 0.27 UJ
OA1102201373-75	72	76	12 J	6.1 J	11 J	< 0.28 UJ	11 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.7 J	11 J	9.4 J	6.1 J	1.6 J	1.0 J	< 0.28 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
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SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
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Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 15 - PCB Results for Core OA11R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA11 (SDG 1810)																			
OA1102201301	0	2	1.5 J	< 0.76 UJ	< 0.76 UJ	10 J	4.4 J	18 J	5.0 J	8.8 J	< 0.76 UJ	5.0 J	< 0.76 UJ	< 0.76 UJ	4.3 J	4.0 J	2.7 J	340	680
OA1102201303	2	4	2.3 J	< 0.71 UJ	< 0.71 UJ	16 J	7.0 J	30 J	7.4 J	13 J	< 0.71 UJ	7.2 J	3.1 J	1.5 J	7.5 J	5.7 J	3.8 J	510	1,000
OA1102201305	4	6	1.5 J	< 0.63 UJ	< 0.63 UJ	10 J	5.1 J	20 J	5.2 J	9.9 J	< 0.63 UJ	4.9 J	1.7 J	0.96 J	5.2 J	3.6 J	2.2 J	370	740
OA1102201307	6	8	1.1 J	< 1.2 UJ	< 1.2 UJ	8.0 J	4.1 J	15 J	4.1 J	7.3 J	< 1.2 UJ	4.6 J	< 1.2 UJ	< 1.2 UJ	3.8 J	3.5 J	2.6 J	280	560
OA1102201309-11	8	12	2.2 J	< 0.33 UJ	< 0.33 UJ	19 J	8.4 J	36 J	8.8 J	19 J	< 0.33 UJ	9.1 J	3.0 J	1.3 J	7.6 J	5.2 J	3.9 J	600	1,200
OA1102201313-15	12	16	3.0 J	< 1.4 UJ	< 1.4 UJ	22 J	9.3 J	43 J	10 J	21 J	< 1.4 UJ	12 J	4.9 J	< 1.4 UJ	10 J	6.1 J	5.7 J	760	1,500
OA1102201317-19	16	20	6.4 J	< 1.6 UJ	< 1.6 UJ	53 J	23 J	99 J	23 J	53 J	< 1.6 UJ	21 J	10 J	3.5 J	23 J	12 J	13 J	2,000	3,900
OA1102201321-23	20	24	16 J	< 1.9 UJ	< 1.9 UJ	110 J	54 J	230 J	55 J	110 J	< 1.9 UJ	47 J	17 J	10 J	46 J	31 J	17 J	6,600	13,000
OA1102201325-27	24	28	32 J	< 2.1 UJ	25 J	180 J	78 J	340 J	81 J	150 J	1.3 J	71 J	28 J	13 J	70 J	51 J	14 J	9,700	19,000
OA1102201329-31	28	32	18 J	< 2.0 UJ	< 2.0 UJ	170 J	70 J	310 J	73 J	140 J	< 2.0 UJ	66 J	21 J	9.7 J	62 J	40 J	13 J	6,300	13,000
OA1102201333-35	32	36	16 J	< 2.1 UJ	< 2.1 UJ	160 J	80 J	320 J	80 J	160 J	< 2.1 UJ	69 J	19 J	12 J	56 J	35 J	9.9 J	6,100	12,000
OA1102201337-39	36	40	10 J	< 1.8 UJ	< 1.8 UJ	100 J	53 J	230 J	51 J	100 J	< 1.8 UJ	52 J	17 J	11 J	44 J	26 J	9.9 J	3,800	7,600
OA1102201341-43	40	44	8.6 J	< 1.7 UJ	< 1.7 UJ	92 J	47 J	190 J	49 J	92 J	< 1.7 UJ	43 J	15 J	7.2 J	40 J	25 J	10 J	2,500	5,100
OA1102201345-47	44	48	7.4 J	< 1.6 UJ	< 1.6 UJ	89 J	42 J	190 J	46 J	96 J	< 1.6 UJ	45 J	15 J	6.8 J	39 J	26 J	17 J	2,600	5,300
OA1102201349-51	48	52	8.2 J	< 0.34 UJ	< 0.34 UJ	43 J	20 J	87 J	21 J	41 J	< 0.34 UJ	19 J	6.9 J	3.5 J	18 J	14 J	9.8 J	1,000	2,100
OA1102201353-55	52	56	2.8 J	< 0.32 UJ	< 0.32 UJ	26 J	12 J	51 J	12 J	24 J	< 0.32 UJ	10 J	3.5 J	2.0 J	9.9 J	8.2 J	7.5 J	720	1,500
OA1102201357-59	56	60	3.0 J	< 0.59 UJ	< 0.59 UJ	24 J	10 J	45 J	11 J	21 J	< 0.59 UJ	9.5 J	3.9 J	1.9 J	9.3 J	5.9 J	3.7 J	830	1,700
OA1102201361-63	60	64	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.3 J	1.2 J	4.7 J	1.2 J	2.4 J	< 0.27 UJ	1.7 J	< 0.27 UJ	< 0.27 UJ	1.2 J	0.93 J	0.74 J	82	170
OA1102201365-67	64	68	< 0.53 UJ	< 0.53 UJ	< 0.53 UJ	< 0.53 UJ	< 0.53 UJ	2.3 J	< 0.53 UJ	< 0.53 UJ	< 0.53 UJ	< 0.53 UJ	< 0.53 UJ	< 0.53 UJ	< 0.53 UJ	< 0.53 UJ	0.91 J	31	64
OA1102201369-71	68	72	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.66 J	< 0.27 UJ	0.88 J	0.32 J	0.48 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.22 J	17	34
OA1102201373-75	72	76	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.7 J	0.93 J	4.5 J	1.1 J	2.3 J	< 0.28 UJ	1.3 J	0.45 J	< 0.28 UJ	1.1 J	1.2 J	0.69 J	83	170

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 16 - PCB Results for Core OA12
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA12 (SDG 1800)																	
OA1201201301	0	2	< 0.71 UJ	3.3 J	5.7 J	5.0 J	1.7 J	11 J	7.5 J	13 J	18 J	16 J	8.1 J	3.0 J	< 0.35 UJ	< 0.35 UJ	11 J
OA1201201303	2	4	0.98 J	4.5 J	8.0 J	6.7 J	2.7 J	17 J	10 J	17 J	23 J	23 J	11 J	3.7 J	< 0.32 UJ	< 0.32 UJ	15 J
OA1201201305	4	6	1.4 J	< 0.30 UJ	9.6 J	7.5 J	2.8 J	17 J	12 J	20 J	28 J	25 J	12 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	17 J
OA1201201307	6	8	2.8 J	< 0.33 UJ	21 J	14 J	5.2 J	40 J	29 J	44 J	60 J	54 J	27 J	9.0 J	< 0.33 UJ	< 0.33 UJ	34 J
OA1201201309-11	8	12	14 J	58 J	120 J	76 J	17 J	210 J	140 J	230 J	270 J	260 J	130 J	33 J	< 0.37 UJ	< 0.37 UJ	150 J
OA1201201313-15	12	16	12 J	54 J	83 J	61 J	15 J	160 J	98 J	180 J	190 J	190 J	92 J	27 J	< 0.34 UJ	< 0.34 UJ	100 J
OA1201201317-19	16	20	7.5 J	25 J	40 J	35 J	8.2 J	80 J	54 J	89 J	95 J	96 J	47 J	13 J	< 0.30 UJ	< 0.30 UJ	50 J
OA1201201321-23	20	24	2.4 J	4.5 J	6.1 J	3.8 J	1.4 J	9.5 J	6.9 J	11 J	12 J	11 J	6.0 J	2.5 J	< 0.27 UJ	< 0.27 UJ	8.0 J
OA1201201325-27	24	28	1.7 J	2.8 J	4.0 J	2.2 J	< 0.28 UJ	6.4 J	4.2 J	7.1 J	6.9 J	6.6 J	3.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	5.3 J
OA1201201329-31	28	32	0.66 J	1.1 J	1.1 J	0.87 J	< 0.26 UJ	1.8 J	1.2 J	2.0 J	1.9 J	1.7 J	1.0 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	1.4 J
OA1201201333-35	32	36	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA1201201337-39	36	40	< 0.53 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 16 - PCB Results for Core OA12
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA12 (SDG 1800)																	
OA1201201301	0	2	23 J	13 J	23 J	< 0.35 UJ	23 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	3.9 J	29 J	24 J	15 J	4.0 J	3.0 J	< 0.35 UJ
OA1201201303	2	4	30 J	16 J	30 J	< 0.32 UJ	30 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	6.0 J	36 J	31 J	18 J	4.9 J	3.9 J	< 0.32 UJ
OA1201201305	4	6	34 J	20 J	35 J	< 0.30 UJ	36 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	7.2 J	41 J	37 J	22 J	5.3 J	3.9 J	< 0.30 UJ
OA1201201307	6	8	78 J	43 J	76 J	< 0.33 UJ	75 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	15 J	93 J	82 J	52 J	13 J	9.9 J	< 0.33 UJ
OA1201201309-11	8	12	330 J	140 J	320 J	< 0.37 UJ	270 J	< 0.37 UJ	< 0.37 UJ	< 0.37 UJ	51 J	320 J	280 J	190 J	47 J	32 J	< 0.37 UJ
OA1201201313-15	12	16	240 J	120 J	240 J	< 0.34 UJ	210 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	39 J	31 J	230 J	150 J	40 J	25 J	< 0.34 UJ
OA1201201317-19	16	20	130 J	57 J	120 J	< 0.30 UJ	110 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	22 J	140 J	120 J	80 J	21 J	13 J	< 0.30 UJ
OA1201201321-23	20	24	16 J	8.2 J	15 J	< 0.27 UJ	15 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.4 J	17 J	14 J	9.6 J	2.6 J	1.6 J	< 0.27 UJ
OA1201201325-27	24	28	12 J	5.0 J	11 J	< 0.28 UJ	9.8 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.3 J	14 J	12 J	7.6 J	2.0 J	1.4 J	< 0.28 UJ
OA1201201329-31	28	32	2.4 J	1.2 J	2.3 J	< 0.26 UJ	1.9 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	2.6 J	2.2 J	1.5 J	0.46 J	< 0.26 UJ	< 0.26 UJ
OA1201201333-35	32	36	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.54 UJ	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA1201201337-39	36	40	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.53 UJ	< 0.53 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 16 - PCB Results for Core OA12
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA12 (SDG 1800)																			
OA1201201301	0	2	0.77 J	< 0.35 UJ	< 0.35 UJ	7.5 J	2.9 J	13 J	2.9 J	6.0 J	< 0.35 UJ	3.6 J	< 0.35 UJ	0.61 J	3.0 J	2.7 J	2.4 J	150	310
OA1201201303	2	4	0.83 J	< 0.32 UJ	< 0.32 UJ	7.8 J	4.3 J	16 J	4.2 J	7.7 J	< 0.32 UJ	4.6 J	1.3 J	0.72 J	4.0 J	3.8 J	2.6 J	200	410
OA1201201305	4	6	0.85 J	< 0.30 UJ	< 0.30 UJ	8.7 J	4.8 J	18 J	4.1 J	8.6 J	< 0.30 UJ	4.8 J	2.0 J	0.86 J	4.8 J	3.3 J	3.1 J	220	460
OA1201201307	6	8	2.3 J	< 0.33 UJ	< 0.33 UJ	22 J	9.4 J	43 J	10 J	19 J	< 0.33 UJ	10 J	3.8 J	1.9 J	9.8 J	6.9 J	6.8 J	510	1,000
OA1201201309-11	8	12	12 J	< 0.37 UJ	< 0.37 UJ	75 J	32 J	140 J	31 J	69 J	< 0.37 UJ	36 J	13 J	4.8 J	33 J	23 J	16 J	2,100	4,200
OA1201201313-15	12	16	9.2 J	< 0.34 UJ	< 0.34 UJ	59 J	27 J	110 J	26 J	58 J	< 0.34 UJ	27 J	8.7 J	4.3 J	26 J	17 J	14 J	1,600	3,000
OA1201201317-19	16	20	3.5 J	< 0.30 UJ	< 0.30 UJ	28 J	15 J	60 J	15 J	31 J	< 0.30 UJ	15 J	4.4 J	2.2 J	12 J	11 J	7.0 J	830	1,700
OA1201201321-23	20	24	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	3.4 J	1.7 J	7.3 J	1.7 J	3.5 J	< 0.27 UJ	2.4 J	< 0.27 UJ	< 0.27 UJ	1.8 J	1.7 J	1.8 J	110	210
OA1201201325-27	24	28	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.2 J	1.5 J	5.5 J	1.3 J	2.8 J	< 0.28 UJ	1.7 J	< 0.28 UJ	< 0.28 UJ	1.6 J	1.6 J	1.7 J	75	150
OA1201201329-31	28	32	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	1.1 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	0.72 J	16	31
OA1201201333-35	32	36	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	ND	ND
OA1201201337-39	36	40	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	ND	ND

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
UJ - Not detected
UJ - At an estimated reporting limit

Table 17 - PCB Results for Core OA12R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA12 (SDG 1801)																	
OA1202201301	0	2	0.78 J	2.7 J	6.1 J	5.6 J	1.8 J	12 J	8.3 J	14 J	20 J	21 J	9.1 J	3.6 J	< 0.33 UJ	< 0.33 UJ	12 J
OA1202201303	2	4	1.2 J	3.4 J	8.4 J	7.1 J	2.4 J	16 J	11 J	18 J	27 J	25 J	12 J	4.6 J	< 0.31 UJ	< 0.31 UJ	17 J
OA1202201305	4	6	1.4 J	< 0.31 UJ	9.1 J	8.4 J	2.5 J	18 J	13 J	19 J	31 J	27 J	13 J	4.1 J	< 0.31 UJ	< 0.31 UJ	19 J
OA1202201307	6	8	1.4 J	5.1 J	7.3 J	7.3 J	< 0.32 UJ	16 J	10 J	17 J	24 J	22 J	11 J	4.1 J	< 0.32 UJ	< 0.32 UJ	15 J
OA1202201309-11	8	12	8.8 J	39 J	66 J	51 J	10 J	130 J	77 J	140 J	150 J	160 J	78 J	19 J	< 0.35 UJ	< 0.35 UJ	92 J
OA1202201313-15	12	16	9.2 J	36 J	63 J	54 J	12 J	120 J	80 J	140 J	160 J	170 J	77 J	22 J	< 0.38 UJ	< 0.38 UJ	83 J
OA1202201317-19	16	20	5.1 J	18 J	31 J	27 J	6.7 J	59 J	34 J	69 J	77 J	82 J	37 J	9.5 J	< 0.33 UJ	< 0.33 UJ	44 J
OA1202201321-23	20	24	2.1 J	< 0.28 UJ	8.7 J	7.0 J	< 0.28 UJ	15 J	9.7 J	18 J	20 J	20 J	9.3 J	2.8 J	< 0.28 UJ	< 0.28 UJ	13 J
OA1202201325-27	24	28	1.3 J	2.4 J	3.8 J	2.4 J	< 0.27 UJ	5.5 J	4.1 J	6.5 J	7.9 J	7.4 J	3.7 J	0.81 J	< 0.27 UJ	< 0.27 UJ	4.7 J
OA1202201329-31	28	32	0.62 J	1.3 J	1.4 J	1.4 J	< 0.27 UJ	2.8 J	2.1 J	3.1 J	3.9 J	3.4 J	1.8 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.5 J
OA1202201333-35	32	36	0.63 J	2.0 J	2.8 J	2.6 J	0.68 J	4.9 J	3.2 J	5.8 J	6.6 J	6.7 J	3.3 J	1.0 J	< 0.28 UJ	< 0.28 UJ	4.1 J

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 17 - PCB Results for Core OA12R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA12 (SDG 1801)																	
OA1202201301	0	2	27 J	15 J	25 J	< 0.33 UJ	26 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	5.4 J	30 J	28 J	18 J	4.7 J	3.3 J	< 0.33 UJ
OA1202201303	2	4	35 J	19 J	32 J	< 0.31 UJ	35 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	6.7 J	41 J	37 J	23 J	5.9 J	4.5 J	< 0.31 UJ
OA1202201305	4	6	39 J	23 J	36 J	< 0.31 UJ	42 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	9.5 J	46 J	44 J	26 J	6.9 J	5.8 J	< 0.31 UJ
OA1202201307	6	8	31 J	18 J	30 J	< 0.32 UJ	33 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	5.9 J	35 J	34 J	21 J	5.1 J	4.1 J	< 0.32 UJ
OA1202201309-11	8	12	200 J	100 J	190 J	< 0.35 UJ	180 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	37 J	210 J	200 J	130 J	33 J	23 J	< 0.35 UJ
OA1202201313-15	12	16	200 J	100 J	190 J	< 0.38 UJ	190 J	< 0.38 UJ	< 0.38 UJ	< 0.38 UJ	36 J	220 J	200 J	130 J	33 J	25 J	< 0.38 UJ
OA1202201317-19	16	20	100 J	51 J	96 J	< 0.33 UJ	98 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	21 J	120 J	110 J	69 J	18 J	13 J	< 0.33 UJ
OA1202201321-23	20	24	27 J	12 J	25 J	< 0.28 UJ	26 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	5.0 J	30 J	29 J	17 J	4.4 J	3.1 J	< 0.28 UJ
OA1202201325-27	24	28	10 J	4.8 J	9.1 J	< 0.27 UJ	9.2 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.0 J	10 J	10 J	5.8 J	1.7 J	1.4 J	< 0.27 UJ
OA1202201329-31	28	32	5.2 J	2.9 J	4.7 J	< 0.27 UJ	5.2 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.0 J	5.5 J	5.2 J	3.1 J	0.80 J	0.71 J	< 0.27 UJ
OA1202201333-35	32	36	9.1 J	4.8 J	7.5 J	< 0.28 UJ	8.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.7 J	8.8 J	8.6 J	5.0 J	1.6 J	1.3 J	< 0.28 UJ

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 17 - PCB Results for Core OA12R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA12 (SDG 1801)																			
OA1202201301	0	2	0.76 J	< 0.33 UJ	< 0.33 UJ	5.9 J	3.3 J	14 J	3.2 J	7.0 J	< 0.33 UJ	2.9 J	1.7 J	0.47 J	3.1 J	1.6 J	1.7 J	170	350
OA1202201303	2	4	0.91 J	< 0.31 UJ	< 0.31 UJ	8.4 J	5.0 J	19 J	4.7 J	9.6 J	< 0.31 UJ	3.8 J	1.4 J	0.82 J	4.1 J	2.3 J	2.3 J	220	450
OA1202201305	4	6	1.2 J	< 0.31 UJ	< 0.31 UJ	7.9 J	5.3 J	21 J	5.2 J	10 J	< 0.31 UJ	4.7 J	< 0.31 UJ	0.94 J	4.4 J	2.8 J	2.7 J	250	510
OA1202201307	6	8	1.3 J	< 0.32 UJ	< 0.32 UJ	6.8 J	4.2 J	18 J	4.3 J	8.2 J	< 0.32 UJ	3.5 J	< 0.32 UJ	< 0.32 UJ	3.5 J	2.0 J	2.0 J	200	410
OA1202201309-11	8	12	10 J	< 0.35 UJ	< 0.35 UJ	37 J	24 J	99 J	23 J	46 J	< 0.35 UJ	17 J	8.1 J	3.4 J	19 J	10 J	9.0 J	1,300	2,600
OA1202201313-15	12	16	5.2 J	< 0.38 UJ	< 0.38 UJ	39 J	23 J	100 J	23 J	46 J	< 0.38 UJ	17 J	7.5 J	3.6 J	19 J	12 J	9.9 J	1,300	2,700
OA1202201317-19	16	20	2.8 J	< 0.33 UJ	< 0.33 UJ	20 J	13 J	53 J	13 J	27 J	< 0.33 UJ	9.1 J	3.7 J	2.5 J	9.8 J	6.0 J	5.9 J	680	1,400
OA1202201321-23	20	24	0.67 J	< 0.28 UJ	< 0.28 UJ	6.4 J	3.9 J	15 J	3.6 J	7.0 J	< 0.28 UJ	2.8 J	< 0.28 UJ	0.91 J	2.9 J	2.1 J	2.2 J	170	350
OA1202201325-27	24	28	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.4 J	1.2 J	5.0 J	1.1 J	2.3 J	< 0.27 UJ	1.1 J	0.54 J	0.20 J	1.2 J	0.78 J	0.89 J	67	130
OA1202201329-31	28	32	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.3 J	0.83 J	2.8 J	0.69 J	1.6 J	< 0.27 UJ	0.60 J	< 0.27 UJ	< 0.27 UJ	0.63 J	0.43 J	0.71 J	34	68
OA1202201333-35	32	36	0.21 J	< 0.28 UJ	< 0.28 UJ	1.7 J	0.93 J	4.0 J	1.0 J	1.9 J	< 0.28 UJ	0.86 J	< 0.28 UJ	< 0.28 UJ	0.95 J	0.62 J	0.81 J	58	110

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 18 - PCB Results for Core OA13
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>005/008</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>66</i>	<i>70</i>	<i>74</i>	<i>77</i>	<i>81</i>	<i>87</i>	<i>99</i>
Outfall ID OA13 (SDG 1813)																	
OA1301201301	0	2	< 1.5 UJ	4.2 J	6.6 J	6.7 J	2.2 J	14 J	7.5 J	15 J	17 J	18 J	8.9 J	2.4 J	< 0.74 UJ	< 0.74 UJ	9.1 J
OA1301201303	2	4	0.78 J	4.8 J	6.4 J	5.9 J	2.0 J	11 J	6.6 J	12 J	15 J	15 J	7.2 J	2.7 J	< 0.61 UJ	< 0.61 UJ	8.3 J
OA1301201305	4	6	0.93 J	3.0 J	6.5 J	5.7 J	2.0 J	12 J	7.4 J	12 J	16 J	16 J	8.4 J	3.3 J	< 0.58 UJ	< 0.58 UJ	8.9 J
OA1301201307	6	8	< 1.2 UJ	3.6 J	8.0 J	6.0 J	2.0 J	13 J	7.5 J	14 J	16 J	16 J	7.8 J	3.2 J	< 0.58 UJ	< 0.58 UJ	10 J
OA1301201309-11	8	12	7.0 J	26 J	38 J	46 J	20 J	85 J	45 J	110 J	93 J	110 J	49 J	< 0.70 UJ	< 0.70 UJ	< 0.70 UJ	49 J
OA1301201313-15	12	16	14 J	66 J	110 J	110 J	27 J	200 J	140 J	230 J	250 J	290 J	140 J	39 J	< 0.82 UJ	< 0.82 UJ	120 J
OA1301201317-19	16	20	35 J	210 J	270 J	300 J	70 J	530 J	270 J	610 J	540 J	620 J	300 J	70 J	< 0.86 UJ	< 0.86 UJ	240 J
OA1301201321-23	20	24	19 J	94 J	140 J	140 J	40 J	260 J	150 J	350 J	260 J	340 J	150 J	45 J	< 0.84 UJ	< 0.84 UJ	180 J
OA1301201325-27	24	28	9.4 J	50 J	72 J	83 J	24 J	140 J	87 J	180 J	140 J	180 J	82 J	32 J	< 0.71 UJ	< 0.71 UJ	89 J
OA1301201329-31	28	32	5.2 J	26 J	36 J	35 J	11 J	65 J	40 J	79 J	71 J	85 J	43 J	22 J	< 0.64 UJ	< 0.64 UJ	47 J
OA1301201333-35	32	36	3.7 J	11 J	20 J	20 J	6.4 J	32 J	24 J	39 J	39 J	52 J	21 J	8.2 J	< 0.58 UJ	< 0.58 UJ	23 J
OA1301201337-39	36	40	1.2 J	5.4 J	5.2 J	5.1 J	1.8 J	8.3 J	5.4 J	10 J	9.6 J	11 J	5.7 J	< 0.56 UJ	< 0.56 UJ	< 0.56 UJ	6.2 J
OA1301201341-43	40	44	0.33 J	0.95 J	0.90 J	0.85 J	< 0.27 UJ	1.7 J	1.1 J	1.4 J	1.6 J	1.5 J	0.76 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.2 J
OA1301201345-47	44	48	0.83 J	2.8 J	3.0 J	2.9 J	0.90 J	5.1 J	3.0 J	6.0 J	6.2 J	5.8 J	3.0 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.5 J
OA1301201349-51	48	52	< 0.53 UJ	0.52 J	0.40 J	0.30 J	< 0.26 UJ	0.72 J	0.41 J	0.75 J	0.65 J	0.66 J	0.33 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	0.54 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 18 - PCB Results for Core OA13
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA13 (SDG 1813)																	
OA1301201301	0	2	21 J	10 J	20 J	< 0.74 UJ	19 J	< 0.74 UJ	< 0.74 UJ	< 0.74 UJ	3.3 J	20 J	17 J	11 J	3.0 J	1.9 J	< 0.74 UJ
OA1301201303	2	4	17 J	9.0 J	16 J	< 0.61 UJ	17 J	< 0.61 UJ	< 0.61 UJ	< 0.61 UJ	3.5 J	19 J	16 J	10 J	2.6 J	2.0 J	< 0.61 UJ
OA1301201305	4	6	17 J	8.3 J	17 J	< 0.58 UJ	17 J	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	2.7 J	20 J	17 J	10 J	2.7 J	2.1 J	< 0.58 UJ
OA1301201307	6	8	20 J	9.3 J	19 J	< 0.58 UJ	18 J	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	3.3 J	21 J	18 J	11 J	2.6 J	2.3 J	< 0.58 UJ
OA1301201309-11	8	12	110 J	57 J	120 J	< 0.70 UJ	98 J	< 0.70 UJ	< 0.70 UJ	< 0.70 UJ	18 J	120 J	100 J	65 J	19 J	13 J	< 0.70 UJ
OA1301201313-15	12	16	280 J	130 J	280 J	< 0.82 UJ	250 J	< 0.82 UJ	< 0.82 UJ	< 0.82 UJ	43 J	270 J	230 J	150 J	39 J	26 J	< 0.82 UJ
OA1301201317-19	16	20	520 J	270 J	580 J	< 0.86 UJ	490 J	< 0.86 UJ	< 0.86 UJ	< 0.86 UJ	88 J	560 J	460 J	310 J	79 J	55 J	< 0.86 UJ
OA1301201321-23	20	24	380 J	170 J	380 J	< 0.84 UJ	340 J	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	70 J	420 J	350 J	250 J	64 J	35 J	< 0.84 UJ
OA1301201325-27	24	28	220 J	110 J	230 J	< 0.71 UJ	210 J	< 0.71 UJ	< 0.71 UJ	< 0.71 UJ	43 J	270 J	240 J	150 J	40 J	27 J	< 0.71 UJ
OA1301201329-31	28	32	110 J	52 J	100 J	< 0.64 UJ	100 J	< 0.64 UJ	< 0.64 UJ	< 0.64 UJ	20 J	130 J	110 J	71 J	20 J	12 J	< 0.64 UJ
OA1301201333-35	32	36	63 J	26 J	49 J	< 0.58 UJ	46 J	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	9.2 J	55 J	48 J	31 J	9.1 J	5.2 J	< 0.58 UJ
OA1301201337-39	36	40	13 J	6.3 J	12 J	< 0.56 UJ	11 J	< 0.56 UJ	< 0.56 UJ	< 0.56 UJ	1.7 J	14 J	11 J	7.7 J	1.7 J	1.4 J	< 0.56 UJ
OA1301201341-43	40	44	2.0 J	1.2 J	2.2 J	< 0.27 UJ	2.5 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.38 J	2.2 J	1.9 J	1.3 J	0.34 J	< 0.27 UJ	< 0.27 UJ
OA1301201345-47	44	48	7.2 J	2.7 J	6.5 J	< 0.28 UJ	5.6 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.5 J	6.2 J	6.1 J	3.5 J	1.2 J	0.61 J	< 0.28 UJ
OA1301201349-51	48	52	0.89 J	< 0.26 UJ	0.75 J	< 0.26 UJ	0.76 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	0.84 J	0.92 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 18 - PCB Results for Core OA13
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA13 (SDG 1813)																			
OA1301201301	0	2	< 0.74 UJ	< 0.74 UJ	< 0.74 UJ	6.3 J	2.3 J	8.0 J	2.1 J	4.4 J	< 0.74 UJ	3.3 J	< 0.74 UJ	< 0.74 UJ	< 0.74 UJ	2.0 J	< 0.74 UJ	130	270
OA1301201303	2	4	< 0.61 UJ	< 0.61 UJ	< 0.61 UJ	5.2 J	2.0 J	7.5 J	1.8 J	3.8 J	< 0.61 UJ	3.0 J	< 0.61 UJ	< 0.61 UJ	2.4 J	1.5 J	2.3 J	120	240
OA1301201305	4	6	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	5.3 J	1.9 J	7.0 J	2.0 J	4.5 J	< 0.58 UJ	2.7 J	< 0.58 UJ	< 0.58 UJ	2.2 J	2.3 J	1.7 J	120	250
OA1301201307	6	8	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	6.1 J	1.9 J	10 J	2.3 J	4.3 J	< 0.58 UJ	3.8 J	< 0.58 UJ	< 0.58 UJ	2.8 J	2.4 J	1.8 J	140	270
OA1301201309-11	8	12	3.5 J	< 0.70 UJ	< 0.70 UJ	29 J	11 J	< 0.70 UJ	11 J	23 J	< 0.70 UJ	15 J	4.2 J	2.2 J	13 J	11 J	11 J	730	1,500
OA1301201313-15	12	16	< 0.82 UJ	< 0.82 UJ	< 0.82 UJ	58 J	25 J	100 J	24 J	54 J	< 0.82 UJ	23 J	8.0 J	3.9 J	25 J	19 J	16 J	1,900	3,800
OA1301201317-19	16	20	22 J	< 0.86 UJ	< 0.86 UJ	130 J	49 J	220 J	48 J	100 J	< 0.86 UJ	58 J	21 J	7.8 J	51 J	35 J	18 J	4,200	8,200
OA1301201321-23	20	24	16 J	< 0.84 UJ	< 0.84 UJ	100 J	42 J	180 J	42 J	85 J	< 0.84 UJ	48 J	16 J	7.0 J	44 J	33 J	22 J	2,600	5,300
OA1301201325-27	24	28	< 0.71 UJ	< 0.71 UJ	< 0.71 UJ	61 J	28 J	120 J	28 J	50 J	< 0.71 UJ	25 J	9.5 J	5.0 J	24 J	21 J	20 J	1,500	3,100
OA1301201329-31	28	32	< 0.64 UJ	< 0.64 UJ	< 0.64 UJ	28 J	14 J	54 J	14 J	26 J	< 0.64 UJ	17 J	< 0.64 UJ	< 0.64 UJ	14 J	11 J	34 J	760	1,500
OA1301201333-35	32	36	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	13 J	5.7 J	23 J	5.6 J	11 J	< 0.58 UJ	6.0 J	< 0.58 UJ	< 0.58 UJ	6.1 J	5.7 J	4.6 J	360	720
OA1301201337-39	36	40	< 0.56 UJ	< 0.56 UJ	< 0.56 UJ	3.1 J	1.4 J	6.5 J	1.6 J	3.1 J	< 0.56 UJ	< 0.56 UJ	< 0.56 UJ	< 0.56 UJ	1.8 J	< 0.56 UJ	1.5 J	86	170
OA1301201341-43	40	44	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.85 J	< 0.27 UJ	0.44 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.37 J	14	28
OA1301201345-47	44	48	< 0.28 UJ	< 0.28 UJ	0.53 J	1.7 J	0.66 J	3.0 J	1.0 J	1.8 J	0.098 J	0.96 J	< 0.28 UJ	0.24 J	0.86 J	0.79 J	0.80 J	50	97
OA1301201349-51	48	52	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	4.9	9.4

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 19 - PCB Results for Core OA14
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA14 (SDG 1819)																	
OA1401201301	0	2	0.37 J	2.2 J	3.5 J	3.1 J	1.5 J	6.7 J	3.7 J	7.0 J	9.5 J	10 J	4.9 J	1.8 J	< 0.39 UJ	< 0.39 UJ	6.0 J
OA1401201303	2	4	0.54 J	4.0 J	5.2 J	3.6 J	1.8 J	8.3 J	5.2 J	8.7 J	13 J	12 J	5.9 J	2.2 J	< 0.62 UJ	< 0.62 UJ	6.4 J
OA1401201305	4	6	0.49 J	2.4 J	4.9 J	3.5 J	1.4 J	7.6 J	4.9 J	9.0 J	12 J	12 J	6.0 J	2.3 J	< 0.29 UJ	< 0.29 UJ	6.7 J
OA1401201307	6	8	0.37 J	2.4 J	4.3 J	3.1 J	1.4 J	7.2 J	4.2 J	8.2 J	10 J	11 J	5.3 J	2.2 J	< 0.30 UJ	< 0.30 UJ	6.3 J
OA1401201309-11	8	12	< 2.3 UJ	3.0 J	5.9 J	5.1 J	2.5 J	9.1 J	6.0 J	12 J	14 J	15 J	7.2 J	2.4 J	< 1.2 UJ	< 1.2 UJ	8.3 J
OA1401201313-15	12	16	0.23 J	< 0.31 UJ	0.72 J	0.58 J	< 0.31 UJ	1.4 J	0.83 J	1.7 J	1.8 J	1.6 J	0.88 J	0.23 J	< 0.31 UJ	< 0.31 UJ	1.0 J
OA1401201317-19	16	20	1.6 J	7.6 J	12 J	11 J	4.2 J	19 J	14 J	23 J	28 J	29 J	14 J	4.5 J	< 1.3 UJ	< 1.3 UJ	16 J
OA1401201321-23	20	24	2.0 J	11 J	19 J	17 J	6.2 J	37 J	22 J	40 J	46 J	51 J	25 J	9.3 J	< 0.64 UJ	< 0.64 UJ	28 J
OA1401201325-27	24	28	< 0.70 UJ	34 J	54 J	78 J	18 J	140 J	75 J	150 J	150 J	160 J	85 J	23 J	< 0.35 UJ	< 0.35 UJ	79 J
OA1401201329-31	28	32	9.4 J	67 J	100 J	99 J	29 J	190 J	110 J	220 J	210 J	250 J	120 J	37 J	< 1.5 UJ	< 1.5 UJ	100 J
OA1401201333-35	32	36	8.5 J	59 J	82 J	88 J	25 J	170 J	90 J	190 J	190 J	220 J	100 J	35 J	< 1.5 UJ	< 1.5 UJ	97 J
OA1401201337-39	36	40	3.7 J	22 J	34 J	34 J	12 J	60 J	33 J	72 J	69 J	85 J	39 J	13 J	< 1.4 UJ	< 1.4 UJ	38 J
OA1401201341-43	40	44	1.0 J	6.1 J	8.1 J	8.9 J	2.8 J	14 J	8.7 J	18 J	19 J	21 J	10 J	4.0 J	< 0.29 UJ	< 0.29 UJ	11 J
OA1401201345-47	44	48	1.0 J	4.8 J	7.5 J	6.9 J	1.8 J	13 J	7.4 J	13 J	14 J	17 J	8.1 J	3.2 J	< 0.29 UJ	< 0.29 UJ	8.7 J
OA1401201349-51	48	52	0.41 J	1.2 J	2.6 J	2.6 J	0.76 J	4.6 J	2.9 J	5.4 J	5.4 J	5.7 J	3.3 J	1.0 J	< 0.28 UJ	< 0.28 UJ	3.2 J
OA1401201353-55	52	56	0.63 J	2.4 J	3.7 J	3.3 J	1.1 J	6.3 J	4.3 J	7.4 J	8.6 J	8.8 J	4.4 J	1.6 J	< 0.29 UJ	< 0.29 UJ	4.8 J
OA1401201357-59	56	60	0.75 J	3.3 J	5.4 J	5.7 J	1.9 J	9.9 J	6.3 J	11 J	13 J	15 J	7.0 J	2.6 J	< 0.29 UJ	< 0.29 UJ	7.4 J
OA1401201361-63	60	64	0.29 J	< 0.28 UJ	1.1 J	0.85 J	< 0.28 UJ	1.9 J	1.2 J	2.3 J	2.1 J	2.2 J	1.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 19 - PCB Results for Core OA14
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA14 (SDG 1819)																	
OA1401201301	0	2	12 J	6.5 J	12 J	< 0.39 UJ	12 J	< 0.39 UJ	< 0.39 UJ	< 0.39 UJ	2.2 J	14 J	12 J	7.0 J	1.9 J	1.4 J	< 0.39 UJ
OA1401201303	2	4	14 J	8.6 J	14 J	< 0.62 UJ	14 J	< 0.62 UJ	< 0.62 UJ	< 0.62 UJ	3.0 J	16 J	14 J	8.2 J	2.2 J	1.9 J	< 0.62 UJ
OA1401201305	4	6	14 J	8.2 J	14 J	< 0.29 UJ	14 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.7 J	16 J	14 J	8.2 J	2.3 J	1.8 J	< 0.29 UJ
OA1401201307	6	8	13 J	6.6 J	13 J	< 0.30 UJ	13 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	2.4 J	15 J	13 J	7.7 J	2.3 J	2.1 J	< 0.30 UJ
OA1401201309-11	8	12	16 J	8.1 J	17 J	< 1.2 UJ	16 J	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	2.2 J	19 J	16 J	9.5 J	2.3 J	2.1 J	< 1.2 UJ
OA1401201313-15	12	16	1.9 J	1.1 J	1.7 J	< 0.31 UJ	1.7 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	0.41 J	1.7 J	1.5 J	0.94 J	0.31 J	0.23 J	< 0.31 UJ
OA1401201317-19	16	20	33 J	17 J	30 J	< 1.3 UJ	31 J	< 1.3 UJ	< 1.3 UJ	< 1.3 UJ	5.9 J	33 J	29 J	17 J	4.7 J	3.5 J	< 1.3 UJ
OA1401201321-23	20	24	56 J	31 J	56 J	< 0.64 UJ	56 J	< 0.64 UJ	< 0.64 UJ	< 0.64 UJ	9.1 J	62 J	55 J	32 J	8.9 J	5.9 J	< 0.64 UJ
OA1401201325-27	24	28	180 J	80 J	160 J	< 0.35 UJ	150 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	25 J	160 J	140 J	91 J	24 J	17 J	< 0.35 UJ
OA1401201329-31	28	32	220 J	100 J	220 J	< 1.5 UJ	200 J	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ	33 J	200 J	180 J	110 J	30 J	19 J	< 1.5 UJ
OA1401201333-35	32	36	220 J	110 J	220 J	< 1.5 UJ	210 J	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ	36 J	230 J	200 J	130 J	34 J	22 J	< 1.5 UJ
OA1401201337-39	36	40	83 J	41 J	78 J	< 1.4 UJ	74 J	< 1.4 UJ	< 1.4 UJ	< 1.4 UJ	13 J	81 J	71 J	45 J	11 J	9.1 J	< 1.4 UJ
OA1401201341-43	40	44	23 J	12 J	22 J	< 0.29 UJ	22 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.4 J	25 J	20 J	14 J	3.5 J	2.5 J	< 0.29 UJ
OA1401201345-47	44	48	19 J	9.0 J	18 J	< 0.29 UJ	18 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.4 J	21 J	18 J	11 J	3.1 J	2.1 J	< 0.29 UJ
OA1401201349-51	48	52	6.8 J	3.0 J	6.2 J	< 0.28 UJ	5.8 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.0 J	7.1 J	5.9 J	4.0 J	1.0 J	0.83 J	< 0.28 UJ
OA1401201353-55	52	56	9.5 J	4.8 J	9.4 J	< 0.29 UJ	9.2 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.6 J	9.9 J	9.0 J	5.3 J	1.6 J	1.2 J	< 0.29 UJ
OA1401201357-59	56	60	16 J	9.2 J	15 J	< 0.29 UJ	15 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.2 J	17 J	14 J	8.7 J	2.5 J	1.5 J	< 0.29 UJ
OA1401201361-63	60	64	2.6 J	1.3 J	2.6 J	< 0.28 UJ	2.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.51 J	2.7 J	2.2 J	1.5 J	0.43 J	< 0.28 UJ	< 0.28 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 19 - PCB Results for Core OA14
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA14 (SDG 1819)																			
OA1401201301	0	2	0.49 J	< 0.39 UJ	< 0.39 UJ	3.3 J	1.6 J	6.3 J	1.5 J	3.3 J	< 0.39 UJ	1.7 J	0.77 J	0.30 J	1.5 J	1.0 J	0.79 J	81	160
OA1401201303	2	4	0.43 J	< 0.62 UJ	< 0.62 UJ	3.9 J	1.7 J	7.2 J	1.8 J	3.2 J	< 0.62 UJ	1.6 J	0.87 J	< 0.62 UJ	1.7 J	1.3 J	1.0 J	100	200
OA1401201305	4	6	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.4 J	1.7 J	7.1 J	1.8 J	3.9 J	< 0.29 UJ	2.5 J	0.96 J	0.45 J	2.6 J	3.6 J	1.2 J	99	200
OA1401201307	6	8	0.40 J	< 0.30 UJ	< 0.30 UJ	3.1 J	1.6 J	6.4 J	1.5 J	2.9 J	< 0.30 UJ	1.6 J	0.74 J	0.41 J	1.5 J	0.95 J	0.81 J	87	180
OA1401201309-11	8	12	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	4.6 J	2.0 J	7.8 J	2.0 J	4.0 J	< 1.2 UJ	3.0 J	< 1.2 UJ	< 1.2 UJ	2.0 J	1.8 J	1.1 J	110	230
OA1401201313-15	12	16	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	0.38 J	0.24 J	< 0.31 UJ	< 0.31 UJ	0.35 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	12	23
OA1401201317-19	16	20	< 1.3 UJ	< 1.3 UJ	< 1.3 UJ	7.4 J	3.1 J	14 J	3.5 J	7.1 J	< 1.3 UJ	4.1 J	1.3 J	0.74 J	3.7 J	3.2 J	2.4 J	220	440
OA1401201321-23	20	24	1.8 J	< 0.64 UJ	< 0.64 UJ	12 J	4.8 J	26 J	6.4 J	15 J	< 0.64 UJ	7.3 J	2.1 J	1.4 J	6.4 J	4.9 J	3.8 J	380	780
OA1401201325-27	24	28	7.1 J	< 0.35 UJ	< 0.35 UJ	35 J	12 J	63 J	15 J	32 J	< 0.35 UJ	16 J	5.6 J	2.4 J	13 J	9.7 J	8.3 J	1,200	2,300
OA1401201329-31	28	32	4.4 J	< 1.5 UJ	< 1.5 UJ	43 J	17 J	84 J	19 J	38 J	< 1.5 UJ	22 J	6.6 J	3.6 J	18 J	13 J	10 J	1,600	3,100
OA1401201333-35	32	36	4.8 J	< 1.5 UJ	< 1.5 UJ	47 J	24 J	110 J	24 J	50 J	< 1.5 UJ	22 J	7.7 J	5.1 J	22 J	17 J	11 J	1,600	3,100
OA1401201337-39	36	40	1.6 J	< 1.4 UJ	< 1.4 UJ	18 J	7.5 J	33 J	7.9 J	16 J	< 1.4 UJ	6.3 J	3.7 J	1.7 J	7.5 J	5.4 J	5.3 J	570	1,100
OA1401201341-43	40	44	0.60 J	< 0.29 UJ	< 0.29 UJ	5.0 J	2.3 J	10 J	2.4 J	5.1 J	< 0.29 UJ	2.4 J	1.2 J	0.41 J	2.3 J	1.5 J	1.8 J	160	320
OA1401201345-47	44	48	0.58 J	< 0.29 UJ	< 0.29 UJ	5.0 J	1.9 J	8.3 J	1.9 J	4.2 J	< 0.29 UJ	2.2 J	0.88 J	0.49 J	2.0 J	1.6 J	1.3 J	130	260
OA1401201349-51	48	52	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.6 J	0.84 J	2.9 J	0.77 J	1.5 J	< 0.28 UJ	0.91 J	< 0.28 UJ	< 0.28 UJ	0.64 J	0.66 J	0.59 J	45	91
OA1401201353-55	52	56	0.29 J	< 0.29 UJ	< 0.29 UJ	2.4 J	0.98 J	4.3 J	1.2 J	2.4 J	< 0.29 UJ	1.2 J	0.43 J	0.19 J	1.0 J	0.95 J	0.93 J	68	140
OA1401201357-59	56	60	0.41 J	< 0.29 UJ	< 0.29 UJ	3.6 J	1.8 J	7.0 J	1.6 J	3.7 J	< 0.29 UJ	2.0 J	0.66 J	0.34 J	1.5 J	1.2 J	0.79 J	110	220
OA1401201361-63	60	64	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.51 J	< 0.28 UJ	1.1 J	0.24 J	0.61 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.30 J	17	34

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 20 - PCB Results for Core OA15
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>005/008</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>66</i>	<i>70</i>	<i>74</i>	<i>77</i>	<i>81</i>	<i>87</i>	<i>99</i>
Outfall ID OA15 (SDG 1802)																	
OA1501201301	0	2	1.1 J	< 0.37 UJ	6.3 J	4.5 J	1.8 J	13 J	8.5 J	13 J	20 J	18 J	9.0 J	3.9 J	< 0.37 UJ	< 0.37 UJ	14 J
OA1501201303	2	4	1.1 J	< 0.34 UJ	6.8 J	4.7 J	1.8 J	13 J	8.5 J	13 J	22 J	20 J	10 J	3.4 J	< 0.34 UJ	< 0.34 UJ	15 J
OA1501201305	4	6	1.3 J	< 0.33 UJ	8.0 J	5.1 J	3.1 J	18 J	11 J	19 J	30 J	24 J	12 J	5.0 J	< 0.33 UJ	< 0.33 UJ	19 J
OA1501201307	6	8	1.7 J	< 0.32 UJ	11 J	5.8 J	3.3 J	19 J	13 J	21 J	34 J	26 J	14 J	4.6 J	< 0.32 UJ	< 0.32 UJ	22 J
OA1501201309-11	8	12	2.4 J	6.8 J	13 J	7.8 J	4.2 J	25 J	19 J	28 J	45 J	35 J	18 J	6.1 J	< 0.32 UJ	< 0.32 UJ	29 J
OA1501201313-15	12	16	10 J	32 J	61 J	46 J	9.9 J	140 J	93 J	160 J	200 J	180 J	87 J	28 J	< 0.35 UJ	< 0.35 UJ	120 J
OA1501201317-19	16	20	4.5 J	11 J	23 J	14 J	4.9 J	41 J	30 J	48 J	60 J	56 J	27 J	7.9 J	< 0.32 UJ	< 0.32 UJ	40 J
OA1501201321-23	20	24	3.3 J	6.8 J	12 J	8.3 J	2.7 J	23 J	17 J	27 J	37 J	30 J	16 J	4.5 J	< 0.29 UJ	< 0.29 UJ	25 J
OA1501201325-27	24	28	1.1 J	< 0.27 UJ	3.4 J	2.1 J	0.91 J	6.3 J	4.8 J	6.6 J	9.7 J	7.6 J	4.5 J	1.8 J	< 0.27 UJ	< 0.27 UJ	6.3 J
OA1501201329-31	28	32	0.79 J	< 0.27 UJ	2.1 J	0.85 J	< 0.27 UJ	3.5 J	2.4 J	4.0 J	5.3 J	3.9 J	2.4 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	3.4 J
OA1501201333-35	32	36	< 0.52 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	0.54 J	0.31 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	0.50 J
OA1501201337-39	36	40	< 0.55 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.50 J	0.66 J	0.35 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA1501201341-43	40	44	< 0.56 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.33 J	0.30 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA1501201345-47	44	48	< 0.55 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.27 J	0.35 J	0.27 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 20 - PCB Results for Core OA15
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA15 (SDG 1802)																	
OA1501201301	0	2	29 J	17 J	28 J	< 0.37 UJ	30 J	< 0.37 UJ	< 0.37 UJ	< 0.37 UJ	6.8 J	36 J	34 J	21 J	4.9 J	3.7 J	< 0.37 UJ
OA1501201303	2	4	32 J	17 J	30 J	< 0.34 UJ	34 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	7.1 J	39 J	37 J	21 J	6.0 J	4.0 J	< 0.34 UJ
OA1501201305	4	6	41 J	23 J	39 J	< 0.33 UJ	44 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	10 J	53 J	51 J	29 J	7.8 J	5.8 J	< 0.33 UJ
OA1501201307	6	8	46 J	28 J	43 J	< 0.32 UJ	48 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	10 J	56 J	54 J	32 J	8.3 J	7.3 J	< 0.32 UJ
OA1501201309-11	8	12	59 J	32 J	56 J	< 0.32 UJ	60 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	13 J	71 J	66 J	40 J	10 J	6.8 J	< 0.32 UJ
OA1501201313-15	12	16	220 J	120 J	240 J	< 0.35 UJ	220 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	46 J	270 J	250 J	160 J	41 J	28 J	< 0.35 UJ
OA1501201317-19	16	20	89 J	49 J	84 J	< 0.32 UJ	84 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	17 J	110 J	99 J	63 J	16 J	10 J	< 0.32 UJ
OA1501201321-23	20	24	50 J	29 J	49 J	< 0.29 UJ	48 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	11 J	57 J	53 J	33 J	8.3 J	5.8 J	< 0.29 UJ
OA1501201325-27	24	28	13 J	7.4 J	11 J	< 0.27 UJ	13 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.7 J	14 J	13 J	7.8 J	2.2 J	1.7 J	< 0.27 UJ
OA1501201329-31	28	32	7.2 J	3.9 J	5.8 J	< 0.27 UJ	6.0 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.7 J	7.6 J	7.1 J	4.5 J	1.1 J	0.89 J	< 0.27 UJ
OA1501201333-35	32	36	0.85 J	< 0.26 UJ	0.69 J	< 0.26 UJ	0.58 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	0.77 J	0.83 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ
OA1501201337-39	36	40	< 0.28 UJ	< 0.28 UJ	0.81 J	< 0.28 UJ	0.97 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.95 J	0.83 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA1501201341-43	40	44	< 0.28 UJ	< 0.28 UJ	0.40 J	< 0.28 UJ	0.40 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.56 UJ	0.41 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA1501201345-47	44	48	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.56 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.55 UJ	< 0.55 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 20 - PCB Results for Core OA15
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA15 (SDG 1802)																			
OA1501201301	0	2	0.78 J	< 0.37 UJ	< 0.37 UJ	6.9 J	3.9 J	16 J	4.7 J	8.3 J	< 0.37 UJ	3.4 J	1.4 J	0.97 J	3.7 J	2.5 J	2.6 J	190	380
OA1501201303	2	4	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	7.1 J	4.7 J	19 J	4.7 J	9.5 J	< 0.34 UJ	3.8 J	< 0.34 UJ	1.0 J	4.4 J	2.3 J	3.1 J	200	410
OA1501201305	4	6	1.4 J	< 0.33 UJ	< 0.33 UJ	10 J	6.3 J	24 J	6.4 J	14 J	< 0.33 UJ	4.7 J	2.0 J	1.3 J	4.8 J	3.0 J	3.4 J	270	540
OA1501201307	6	8	1.4 J	< 0.32 UJ	< 0.32 UJ	11 J	6.9 J	26 J	6.6 J	13 J	< 0.32 UJ	5.0 J	3.2 J	1.3 J	5.4 J	3.0 J	3.5 J	300	590
OA1501201309-11	8	12	1.4 J	< 0.32 UJ	< 0.32 UJ	12 J	8.3 J	33 J	8.5 J	16 J	< 0.32 UJ	6.4 J	2.6 J	1.4 J	6.3 J	3.6 J	4.3 J	370	760
OA1501201313-15	12	16	7.9 J	< 0.35 UJ	< 0.35 UJ	50 J	27 J	110 J	26 J	55 J	< 0.35 UJ	21 J	9.7 J	4.1 J	23 J	13 J	14 J	1,500	3,100
OA1501201317-19	16	20	2.6 J	< 0.32 UJ	< 0.32 UJ	17 J	12 J	47 J	12 J	24 J	< 0.32 UJ	8.8 J	3.7 J	1.6 J	9.1 J	5.3 J	7.3 J	560	1,100
OA1501201321-23	20	24	1.4 J	< 0.29 UJ	< 0.29 UJ	9.2 J	6.2 J	26 J	6.0 J	13 J	< 0.29 UJ	4.9 J	1.8 J	1.1 J	5.1 J	3.1 J	3.5 J	320	640
OA1501201325-27	24	28	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.3 J	1.5 J	6.3 J	1.6 J	3.1 J	< 0.27 UJ	1.3 J	< 0.27 UJ	< 0.27 UJ	1.4 J	1.0 J	1.0 J	79	160
OA1501201329-31	28	32	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.1 J	0.82 J	3.0 J	0.76 J	1.6 J	< 0.27 UJ	0.77 J	< 0.27 UJ	< 0.27 UJ	0.67 J	0.63 J	0.63 J	43	84
OA1501201333-35	32	36	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	2.2	5.1
OA1501201337-39	36	40	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.3	5.1
OA1501201341-43	40	44	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.74	1.8
OA1501201345-47	44	48	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.27	1.5

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 21 - PCB Results for Core OA16
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>005/008</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>66</i>	<i>70</i>	<i>74</i>	<i>77</i>	<i>81</i>	<i>87</i>	<i>99</i>
Outfall ID OA16 (SDG 1811)																	
OA1601201301	0	2	< 0.69 UJ	2.0 J	4.7 J	3.2 J	1.0 J	8.9 J	5.5 J	9.6 J	13 J	11 J	6.1 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	8.9 J
OA1601201303	2	4	0.78 J	3.2 J	6.1 J	4.1 J	1.7 J	12 J	7.4 J	12 J	18 J	16 J	8.0 J	2.3 J	< 0.41 UJ	< 0.41 UJ	11 J
OA1601201305	4	6	1.2 J	3.4 J	7.5 J	5.8 J	2.1 J	15 J	10 J	17 J	23 J	20 J	11 J	3.0 J	< 0.30 UJ	< 0.30 UJ	15 J
OA1601201307	6	8	2.2 J	6.1 J	12 J	7.7 J	2.2 J	22 J	13 J	25 J	34 J	26 J	15 J	4.5 J	< 0.31 UJ	< 0.31 UJ	20 J
OA1601201309-11	8	12	5.2 J	23 J	38 J	24 J	6.2 J	71 J	47 J	85 J	110 J	94 J	47 J	14 J	< 0.33 UJ	< 0.33 UJ	60 J
OA1601201313-15	12	16	11 J	47 J	75 J	62 J	12 J	160 J	99 J	190 J	180 J	210 J	95 J	23 J	< 0.36 UJ	< 0.36 UJ	100 J
OA1601201317-19	16	20	8.9 J	31 J	44 J	41 J	9.6 J	85 J	54 J	99 J	95 J	99 J	46 J	13 J	< 0.66 UJ	< 0.66 UJ	48 J
OA1601201321-23	20	24	3.4 J	8.8 J	12 J	8.8 J	2.4 J	22 J	16 J	24 J	27 J	26 J	13 J	4.7 J	< 0.28 UJ	< 0.28 UJ	20 J
OA1601201325-27	24	28	1.8 J	2.5 J	4.1 J	2.7 J	< 0.28 UJ	6.8 J	5.0 J	7.8 J	8.7 J	7.8 J	4.2 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	5.6 J
OA1601201329-31	28	32	1.5 J	< 0.27 UJ	2.2 J	1.5 J	< 0.27 UJ	3.6 J	1.8 J	3.4 J	3.3 J	3.2 J	1.7 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.3 J
OA1601201333-35	32	36	< 0.52 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ
OA1601201337-39	36	40	0.26 J	< 0.27 UJ	1.2 J	< 0.27 UJ	< 0.27 UJ	2.2 J	1.1 J	2.4 J	2.5 J	2.4 J	1.2 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.5 J

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 21 - PCB Results for Core OA16
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA16 (SDG 1811)																	
OA1601201301	0	2	17 J	9.9 J	17 J	< 0.34 UJ	16 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	3.5 J	20 J	18 J	10 J	2.7 J	2.1 J	< 0.34 UJ
OA1601201303	2	4	23 J	13 J	21 J	< 0.41 UJ	22 J	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	4.4 J	26 J	23 J	14 J	3.7 J	3.1 J	< 0.41 UJ
OA1601201305	4	6	30 J	15 J	31 J	< 0.30 UJ	30 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	6.3 J	36 J	30 J	18 J	5.1 J	3.7 J	< 0.30 UJ
OA1601201307	6	8	43 J	23 J	43 J	< 0.31 UJ	41 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	7.6 J	50 J	45 J	27 J	7.5 J	5.9 J	< 0.31 UJ
OA1601201309-11	8	12	140 J	71 J	140 J	< 0.33 UJ	130 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	24 J	150 J	130 J	84 J	21 J	15 J	< 0.33 UJ
OA1601201313-15	12	16	250 J	120 J	250 J	< 0.36 UJ	220 J	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	42 J	280 J	240 J	160 J	41 J	25 J	< 0.36 UJ
OA1601201317-19	16	20	100 J	42 J	100 J	< 0.66 UJ	95 J	< 0.66 UJ	< 0.66 UJ	< 0.66 UJ	18 J	110 J	95 J	62 J	17 J	12 J	< 0.66 UJ
OA1601201321-23	20	24	41 J	18 J	39 J	< 0.28 UJ	38 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	7.6 J	50 J	43 J	28 J	7.1 J	5.0 J	< 0.28 UJ
OA1601201325-27	24	28	11 J	6.3 J	10 J	< 0.28 UJ	11 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.9 J	12 J	10 J	6.5 J	1.8 J	1.0 J	< 0.28 UJ
OA1601201329-31	28	32	4.7 J	1.9 J	3.9 J	< 0.27 UJ	4.0 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	4.3 J	3.9 J	3.0 J	0.72 J	< 0.27 UJ	< 0.27 UJ
OA1601201333-35	32	36	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.52 UJ	< 0.52 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ
OA1601201337-39	36	40	3.4 J	1.6 J	2.9 J	< 0.27 UJ	2.6 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	3.4 J	3.0 J	1.8 J	0.54 J	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 21 - PCB Results for Core OA16
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA16 (SDG 1811)																			
OA1601201301	0	2	0.52 J	< 0.34 UJ	< 0.34 UJ	5.0 J	2.4 J	8.7 J	2.1 J	4.3 J	< 0.34 UJ	2.5 J	1.3 J	0.34 J	2.1 J	1.7 J	1.5 J	110	220
OA1601201303	2	4	0.61 J	< 0.41 UJ	< 0.41 UJ	6.4 J	3.3 J	12 J	2.8 J	5.9 J	< 0.41 UJ	3.4 J	< 0.41 UJ	0.77 J	3.0 J	2.4 J	2.1 J	150	300
OA1601201305	4	6	0.76 J	< 0.30 UJ	< 0.30 UJ	8.4 J	4.1 J	15 J	3.7 J	7.6 J	< 0.30 UJ	4.6 J	1.4 J	0.63 J	3.5 J	3.0 J	2.4 J	190	390
OA1601201307	6	8	1.1 J	< 0.31 UJ	< 0.31 UJ	13 J	5.7 J	22 J	5.3 J	11 J	< 0.31 UJ	6.8 J	< 0.31 UJ	1.2 J	5.4 J	4.2 J	3.6 J	280	560
OA1601201309-11	8	12	4.4 J	< 0.33 UJ	< 0.33 UJ	33 J	15 J	63 J	14 J	33 J	< 0.33 UJ	15 J	4.3 J	2.6 J	14 J	11 J	8.4 J	880	1,700
OA1601201313-15	12	16	9.4 J	< 0.36 UJ	< 0.36 UJ	60 J	28 J	120 J	26 J	57 J	< 0.36 UJ	29 J	8.8 J	4.1 J	25 J	21 J	12 J	1,600	3,300
OA1601201317-19	16	20	2.7 J	< 0.66 UJ	< 0.66 UJ	43 J	11 J	48 J	11 J	22 J	< 0.66 UJ	19 J	6.5 J	1.8 J	14 J	15 J	12 J	780	1,500
OA1601201321-23	20	24	1.2 J	< 0.28 UJ	< 0.28 UJ	9.5 J	5.6 J	22 J	5.4 J	10 J	< 0.28 UJ	5.4 J	< 0.28 UJ	1.0 J	4.5 J	3.7 J	3.7 J	260	540
OA1601201325-27	24	28	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.3 J	1.6 J	5.1 J	1.0 J	2.5 J	< 0.28 UJ	1.5 J	< 0.28 UJ	< 0.28 UJ	1.5 J	1.2 J	1.4 J	73	150
OA1601201329-31	28	32	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.5 J	< 0.27 UJ	1.7 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.77 J	27	55
OA1601201333-35	32	36	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	ND	ND
OA1601201337-39	36	40	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.1 J	0.55 J	1.6 J	0.48 J	0.70 J	< 0.27 UJ	0.65 J	< 0.27 UJ	< 0.27 UJ	0.57 J	< 0.27 UJ	0.49 J	20	40

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 22 - PCB Results for Core OA16R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>005/008</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>66</i>	<i>70</i>	<i>74</i>	<i>77</i>	<i>81</i>	<i>87</i>	<i>99</i>
Outfall ID OA16 (SDG 1809)																	
OA1602201301	0	2	1.1 J	5.5 J	6.0 J	5.8 J	1.9 J	13 J	8.7 J	14 J	22 J	19 J	9.6 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	14 J
OA1602201303	2	4	0.98 J	5.2 J	6.8 J	5.4 J	2.0 J	14 J	8.7 J	16 J	23 J	20 J	9.4 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	14 J
OA1602201305	4	6	1.5 J	7.2 J	9.8 J	8.0 J	2.1 J	20 J	12 J	24 J	31 J	30 J	13 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	20 J
OA1602201307	6	8	1.9 J	8.3 J	11 J	8.5 J	1.8 J	20 J	13 J	23 J	30 J	31 J	14 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	21 J
OA1602201309-11	8	12	7.3 J	35 J	40 J	38 J	8.2 J	79 J	52 J	94 J	100 J	120 J	50 J	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	61 J
OA1602201313-15	12	16	10 J	43 J	45 J	50 J	9.6 J	96 J	57 J	120 J	130 J	140 J	58 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	80 J
OA1602201317-19	16	20	3.6 J	10 J	14 J	12 J	3.6 J	22 J	17 J	28 J	32 J	33 J	15 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	21 J
OA1602201321-23	20	24	2.7 J	4.5 J	4.9 J	3.6 J	0.80 J	7.8 J	5.0 J	9.0 J	8.6 J	8.6 J	4.2 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	5.3 J
OA1602201325-27	24	28	1.5 J	2.5 J	2.9 J	1.6 J	< 0.37 UJ	4.1 J	3.2 J	4.8 J	5.2 J	4.9 J	2.9 J	< 0.37 UJ	< 0.37 UJ	< 0.37 UJ	4.4 J
OA1602201329-31	28	32	1.3 J	5.4 J	4.9 J	2.8 J	1.9 J	8.0 J	6.0 J	8.1 J	12 J	9.8 J	5.4 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	6.6 J
OA1602201333-35	32	36	1.1 J	4.3 J	5.8 J	4.1 J	1.2 J	8.8 J	6.6 J	11 J	13 J	13 J	5.6 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	8.2 J
OA1602201337-39	36	40	2.5 J	14 J	12 J	15 J	4.2 J	110 J	49 J	240 J	71 J	190 J	44 J	48 J	< 0.31 UJ	280 J	200 J
OA1602201341-43	40	44	0.88 J	2.3 J	3.5 J	4.1 J	0.57 J	7.3 J	4.9 J	7.8 J	10 J	10 J	4.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	6.5 J
OA1602201345-47	44	48	0.27 J	< 0.26 UJ	0.79 J	0.38 J	< 0.26 UJ	1.3 J	0.91 J	1.5 J	1.7 J	1.2 J	0.73 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	1.4 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 22 - PCB Results for Core OA16R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>101</i>	<i>105</i>	<i>110</i>	<i>114</i>	<i>118</i>	<i>119</i>	<i>123</i>	<i>126</i>	<i>128</i>	<i>132/153</i>	<i>138/158</i>	<i>149</i>	<i>151</i>	<i>156</i>	<i>157</i>
Outfall ID OA16 (SDG 1809)																	
OA1602201301	0	2	29 J	19 J	28 J	< 0.35 UJ	28 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	6.1 J	34 J	29 J	17 J	4.2 J	3.5 J	< 0.35 UJ
OA1602201303	2	4	31 J	19 J	30 J	< 0.32 UJ	31 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	6.5 J	36 J	32 J	16 J	4.5 J	4.0 J	< 0.32 UJ
OA1602201305	4	6	44 J	26 J	41 J	< 0.32 UJ	44 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	8.5 J	48 J	41 J	23 J	8.1 J	6.9 J	< 0.32 UJ
OA1602201307	6	8	44 J	25 J	41 J	< 0.31 UJ	44 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	11 J	55 J	48 J	28 J	7.0 J	5.9 J	< 0.31 UJ
OA1602201309-11	8	12	140 J	75 J	130 J	< 0.36 UJ	130 J	< 0.36 UJ	19 J	< 0.36 UJ	27 J	160 J	130 J	84 J	21 J	16 J	< 0.36 UJ
OA1602201313-15	12	16	180 J	93 J	180 J	< 0.35 UJ	170 J	< 0.35 UJ	20 J	< 0.35 UJ	39 J	220 J	180 J	110 J	28 J	23 J	15 J
OA1602201317-19	16	20	49 J	29 J	45 J	< 0.30 UJ	46 J	< 0.30 UJ	9.2 J	< 0.30 UJ	8.6 J	56 J	47 J	28 J	8.5 J	7.9 J	< 0.30 UJ
OA1602201321-23	20	24	14 J	6.9 J	12 J	< 0.27 UJ	12 J	< 0.27 UJ	2.0 J	< 0.27 UJ	3.0 J	15 J	13 J	7.7 J	2.2 J	1.3 J	< 0.27 UJ
OA1602201325-27	24	28	7.3 J	4.9 J	7.2 J	< 0.37 UJ	6.6 J	< 0.37 UJ	< 0.37 UJ	< 0.37 UJ	1.1 J	9.8 J	9.2 J	5.1 J	1.2 J	1.4 J	< 0.37 UJ
OA1602201329-31	28	32	16 J	9.4 J	15 J	< 0.29 UJ	15 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.0 J	18 J	15 J	8.8 J	2.5 J	2.1 J	< 0.29 UJ
OA1602201333-35	32	36	18 J	9.6 J	16 J	< 0.29 UJ	17 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.6 J	19 J	16 J	9.6 J	2.8 J	2.3 J	< 0.29 UJ
OA1602201337-39	36	40	590 J	230 J	520 J	< 0.31 UJ	470 J	7.8 J	< 0.31 UJ	< 0.31 UJ	130 J	580 J	560 J	290 J	55 J	72 J	20 J
OA1602201341-43	40	44	14 J	8.1 J	13 J	< 0.28 UJ	14 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.9 J	16 J	13 J	6.9 J	1.9 J	2.4 J	< 0.28 UJ
OA1602201345-47	44	48	2.1 J	1.7 J	2.0 J	< 0.26 UJ	2.4 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	2.2 J	2.0 J	1.2 J	0.42 J	< 0.26 UJ	< 0.26 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 22 - PCB Results for Core OA16R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA16 (SDG 1809)																			
OA1602201301	0	2	0.83 J	< 0.35 UJ	< 0.35 UJ	6.3 J	3.8 J	13 J	3.1 J	6.5 J	< 0.35 UJ	2.9 J	2.2 J	0.86 J	3.5 J	1.5 J	4.6 J	180	370
OA1602201303	2	4	1.2 J	< 0.32 UJ	< 0.32 UJ	6.2 J	3.2 J	16 J	3.5 J	6.8 J	< 0.32 UJ	2.9 J	1.8 J	< 0.32 UJ	3.3 J	2.0 J	2.3 J	190	380
OA1602201305	4	6	1.3 J	< 0.32 UJ	< 0.32 UJ	8.5 J	4.9 J	19 J	4.4 J	9.4 J	< 0.32 UJ	4.1 J	1.7 J	1.1 J	4.4 J	2.9 J	3.7 J	260	530
OA1602201307	6	8	2.3 J	< 0.31 UJ	< 0.31 UJ	12 J	6.0 J	26 J	5.6 J	11 J	< 0.31 UJ	4.9 J	2.7 J	1.1 J	5.0 J	3.4 J	4.1 J	290	580
OA1602201309-11	8	12	6.3 J	< 0.36 UJ	< 0.36 UJ	25 J	16 J	68 J	15 J	32 J	< 0.36 UJ	13 J	5.5 J	3.0 J	14 J	7.8 J	11 J	910	1,800
OA1602201313-15	12	16	4.6 J	< 0.35 UJ	< 0.35 UJ	36 J	20 J	85 J	20 J	41 J	< 0.35 UJ	16 J	8.3 J	3.5 J	18 J	11 J	21 J	1,200	2,400
OA1602201317-19	16	20	1.7 J	< 0.30 UJ	< 0.30 UJ	9.0 J	4.8 J	22 J	4.9 J	11 J	< 0.30 UJ	3.3 J	1.6 J	0.89 J	4.0 J	4.7 J	5.0 J	310	620
OA1602201321-23	20	24	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	3.3 J	1.7 J	6.4 J	1.7 J	3.5 J	< 0.27 UJ	1.5 J	< 0.27 UJ	< 0.27 UJ	1.3 J	2.1 J	4.3 J	95	180
OA1602201325-27	24	28	< 0.37 UJ	< 0.37 UJ	< 0.37 UJ	2.2 J	1.4 J	4.7 J	1.0 J	2.8 J	< 0.37 UJ	1.5 J	< 0.37 UJ	< 0.37 UJ	2.0 J	2.4 J	2.2 J	58	110
OA1602201329-31	28	32	1.1 J	< 0.29 UJ	< 0.29 UJ	3.6 J	1.8 J	6.7 J	1.7 J	3.8 J	< 0.29 UJ	1.6 J	0.94 J	< 0.29 UJ	2.3 J	1.6 J	2.0 J	100	200
OA1602201333-35	32	36	0.94 J	< 0.29 UJ	< 0.29 UJ	3.5 J	2.0 J	7.4 J	1.6 J	3.7 J	< 0.29 UJ	2.0 J	0.79 J	< 0.29 UJ	1.8 J	< 0.29 UJ	1.4 J	110	220
OA1602201337-39	36	40	23 J	< 0.31 UJ	< 0.31 UJ	47 J	19 J	69 J	17 J	23 J	< 0.31 UJ	4.6 J	2.4 J	0.95 J	4.5 J	1.7 J	3.1 J	2,200	5,000
OA1602201341-43	40	44	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.1 J	1.8 J	7.0 J	1.3 J	3.2 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J	< 0.28 UJ	1.2 J	85	170
OA1602201345-47	44	48	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	1.2 J	< 0.26 UJ	0.50 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	13	26

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 23 - PCB Results for Core OA17
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>005/008</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>66</i>	<i>70</i>	<i>74</i>	<i>77</i>	<i>81</i>	<i>87</i>	<i>99</i>
Outfall ID OA17 (SDG 1803)																	
OA1701201301	0	2	0.55 J	1.7 J	2.7 J	2.2 J	0.90 J	5.1 J	3.0 J	5.8 J	6.7 J	6.6 J	3.2 J	1.5 J	< 0.30 UJ	< 0.30 UJ	4.4 J
OA1701201303	2	4	0.47 J	1.7 J	2.9 J	2.2 J	0.63 J	5.4 J	3.5 J	5.8 J	6.7 J	7.1 J	3.2 J	1.4 J	< 0.29 UJ	< 0.29 UJ	4.2 J
OA1701201305	4	6	0.68 J	2.4 J	4.1 J	3.5 J	1.3 J	8.3 J	4.6 J	10 J	10 J	11 J	5.1 J	1.9 J	< 0.29 UJ	< 0.29 UJ	6.2 J
OA1701201307	6	8	2.6 J	10 J	19 J	18 J	4.9 J	39 J	20 J	51 J	43 J	51 J	25 J	8.6 J	< 0.64 UJ	< 0.64 UJ	25 J
OA1701201309-11	8	12	5.9 J	28 J	45 J	47 J	9.9 J	93 J	53 J	110 J	110 J	130 J	58 J	19 J	< 0.35 UJ	< 0.35 UJ	66 J
OA1701201313-15	12	16	5.9 J	26 J	34 J	39 J	9.8 J	72 J	43 J	83 J	88 J	110 J	45 J	13 J	< 0.32 UJ	< 0.32 UJ	56 J
OA1701201317-19	16	20	2.7 J	7.5 J	10 J	10 J	2.6 J	18 J	12 J	21 J	22 J	23 J	11 J	4.1 J	< 0.29 UJ	< 0.29 UJ	15 J
OA1701201321-23	20	24	1.4 J	3.4 J	5.1 J	3.7 J	0.83 J	7.5 J	5.3 J	8.8 J	10 J	10 J	4.8 J	1.6 J	< 0.28 UJ	< 0.28 UJ	6.7 J
OA1701201325-27	24	28	1.0 J	< 0.28 UJ	4.4 J	3.1 J	< 0.28 UJ	6.4 J	4.6 J	7.2 J	9.3 J	8.5 J	4.5 J	2.9 J	< 0.28 UJ	< 0.28 UJ	6.6 J
OA1701201329-31	28	32	< 0.55 UJ	< 0.27 UJ	0.75 J	< 0.27 UJ	< 0.27 UJ	1.1 J	0.69 J	1.5 J	1.2 J	1.5 J	0.68 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.0 J

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 23 - PCB Results for Core OA17
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA17 (SDG 1803)																	
OA1701201301	0	2	9.2 J	4.3 J	8.6 J	< 0.30 UJ	8.5 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	1.6 J	10 J	8.7 J	5.5 J	1.3 J	1.1 J	< 0.30 UJ
OA1701201303	2	4	8.8 J	4.2 J	8.8 J	< 0.29 UJ	8.0 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.6 J	9.7 J	8.3 J	5.3 J	1.4 J	1.0 J	< 0.29 UJ
OA1701201305	4	6	13 J	5.8 J	12 J	< 0.29 UJ	12 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.2 J	14 J	12 J	7.8 J	1.9 J	1.4 J	< 0.29 UJ
OA1701201307	6	8	56 J	26 J	59 J	< 0.64 UJ	52 J	< 0.64 UJ	< 0.64 UJ	< 0.64 UJ	9.7 J	67 J	56 J	36 J	9.7 J	6.3 J	< 0.64 UJ
OA1701201309-11	8	12	180 J	79 J	160 J	< 0.35 UJ	160 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	32 J	200 J	180 J	120 J	29 J	19 J	< 0.35 UJ
OA1701201313-15	12	16	140 J	66 J	130 J	< 0.32 UJ	130 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	25 J	150 J	140 J	89 J	23 J	15 J	< 0.32 UJ
OA1701201317-19	16	20	32 J	15 J	29 J	< 0.29 UJ	28 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	5.2 J	34 J	32 J	20 J	5.0 J	3.9 J	< 0.29 UJ
OA1701201321-23	20	24	14 J	7.4 J	13 J	< 0.28 UJ	13 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.7 J	15 J	14 J	8.5 J	2.6 J	1.6 J	< 0.28 UJ
OA1701201325-27	24	28	13 J	7.3 J	11 J	< 0.28 UJ	12 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.6 J	14 J	13 J	8.3 J	2.1 J	1.8 J	< 0.28 UJ
OA1701201329-31	28	32	2.3 J	1.1 J	2.0 J	< 0.27 UJ	2.2 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.5 J	2.3 J	1.4 J	0.35 J	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 23 - PCB Results for Core OA17
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA17 (SDG 1803)																			
OA1701201301	0	2	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	2.7 J	1.1 J	3.8 J	1.0 J	2.0 J	< 0.30 UJ	1.5 J	0.52 J	< 0.30 UJ	1.3 J	1.2 J	1.1 J	60	120
OA1701201303	2	4	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.5 J	1.1 J	3.9 J	0.91 J	2.1 J	< 0.29 UJ	1.8 J	0.58 J	0.26 J	1.3 J	1.4 J	1.1 J	59	120
OA1701201305	4	6	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.9 J	1.5 J	5.9 J	1.4 J	3.2 J	< 0.29 UJ	2.1 J	0.63 J	0.25 J	1.7 J	1.5 J	1.7 J	88	170
OA1701201307	6	8	1.7 J	50 J	2.3 J	17 J	6.7 J	26 J	6.5 J	12 J	< 0.64 UJ	8.4 J	3.3 J	1.7 J	8.4 J	7.2 J	6.5 J	400	850
OA1701201309-11	8	12	4.6 J	< 0.35 UJ	< 0.35 UJ	37 J	19 J	85 J	21 J	40 J	< 0.35 UJ	17 J	7.0 J	3.1 J	19 J	11 J	13 J	1,100	2,200
OA1701201313-15	12	16	4.2 J	< 0.32 UJ	< 0.32 UJ	26 J	16 J	67 J	16 J	31 J	< 0.32 UJ	12 J	5.2 J	3.1 J	13 J	8.1 J	8.6 J	850	1,700
OA1701201317-19	16	20	0.72 J	< 0.29 UJ	< 0.29 UJ	5.8 J	3.8 J	14 J	3.6 J	7.4 J	< 0.29 UJ	2.8 J	< 0.29 UJ	0.65 J	3.2 J	2.2 J	2.7 J	200	410
OA1701201321-23	20	24	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.3 J	1.6 J	6.9 J	1.6 J	3.4 J	< 0.28 UJ	1.6 J	< 0.28 UJ	< 0.28 UJ	1.7 J	1.3 J	1.3 J	92	180
OA1701201325-27	24	28	0.56 J	< 0.28 UJ	< 0.28 UJ	2.8 J	1.5 J	6.2 J	1.7 J	3.4 J	< 0.28 UJ	1.8 J	< 0.28 UJ	< 0.28 UJ	1.5 J	1.1 J	1.7 J	84	170
OA1701201329-31	28	32	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.87 J	< 0.27 UJ	0.56 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	12	24

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 24 - PCB Results for Core OA18
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA18 (SDG 1816)																	
OA1801201301	0	2	< 0.70 UJ	< 0.35 UJ	5.1 J	2.6 J	1.4 J	8.1 J	6.6 J	8.8 J	15 J	12 J	6.4 J	2.2 J	< 0.35 UJ	< 0.35 UJ	9.4 J
OA1801201303	2	4	0.97 J	< 0.45 UJ	5.8 J	3.4 J	< 0.45 UJ	11 J	7.5 J	12 J	19 J	15 J	8.0 J	< 0.45 UJ	< 0.45 UJ	< 0.45 UJ	13 J
OA1801201305	4	6	2.4 J	< 0.69 UJ	14 J	8.1 J	4.8 J	30 J	19 J	30 J	48 J	36 J	20 J	6.6 J	< 0.69 UJ	< 0.69 UJ	31 J
OA1801201307	6	8	1.9 J	< 0.34 UJ	13 J	5.1 J	3.3 J	22 J	14 J	24 J	37 J	29 J	16 J	5.3 J	< 0.34 UJ	< 0.34 UJ	25 J
OA1801201309-11	8	12	5.6 J	< 0.72 UJ	28 J	14 J	6.1 J	47 J	31 J	58 J	82 J	56 J	32 J	12 J	< 0.72 UJ	< 0.72 UJ	47 J
OA1801201313-15	12	16	8.0 J	< 0.78 UJ	47 J	18 J	< 0.78 UJ	78 J	54 J	88 J	130 J	91 J	52 J	< 0.78 UJ	< 0.78 UJ	< 0.78 UJ	74 J
OA1801201317-19	16	20	13 J	37 J	100 J	44 J	18 J	220 J	130 J	240 J	330 J	250 J	130 J	43 J	< 0.78 UJ	< 0.78 UJ	180 J
OA1801201321-23	20	24	10 J	38 J	74 J	50 J	12 J	170 J	110 J	200 J	240 J	200 J	100 J	31 J	< 0.38 UJ	< 0.38 UJ	130 J
OA1801201325-27	24	28	2.9 J	6.8 J	13 J	7.3 J	2.4 J	23 J	16 J	28 J	33 J	27 J	14 J	4.3 J	< 0.29 UJ	< 0.29 UJ	21 J
OA1801201329-31	28	32	3.1 J	7.1 J	16 J	7.2 J	2.9 J	30 J	22 J	34 J	43 J	35 J	19 J	5.3 J	< 0.30 UJ	< 0.30 UJ	26 J
OA1801201333-35	32	34	< 0.53 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ
OA1801201337-39	36	40	0.52 J	0.84 J	1.1 J	< 0.27 UJ	< 0.27 UJ	1.9 J	1.5 J	2.3 J	2.4 J	1.6 J	1.2 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.6 J
OA1801201341-43	40	44	< 0.52 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 24 - PCB Results for Core OA18
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA18 (SDG 1816)																	
OA1801201301	0	2	20 J	12 J	19 J	< 0.35 UJ	20 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	4.5 J	24 J	21 J	12 J	3.2 J	3.1 J	< 0.35 UJ
OA1801201303	2	4	23 J	14 J	23 J	< 0.45 UJ	24 J	< 0.45 UJ	< 0.45 UJ	< 0.45 UJ	5.8 J	30 J	26 J	15 J	4.1 J	3.6 J	< 0.45 UJ
OA1801201305	4	6	59 J	36 J	59 J	< 0.69 UJ	60 J	< 0.69 UJ	< 0.69 UJ	< 0.69 UJ	13 J	72 J	62 J	37 J	9.2 J	7.4 J	< 0.69 UJ
OA1801201307	6	8	49 J	28 J	50 J	< 0.34 UJ	49 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	10 J	62 J	54 J	32 J	9.4 J	6.1 J	< 0.34 UJ
OA1801201309-11	8	12	100 J	52 J	110 J	< 0.72 UJ	100 J	< 0.72 UJ	< 0.72 UJ	< 0.72 UJ	21 J	130 J	110 J	68 J	19 J	13 J	< 0.72 UJ
OA1801201313-15	12	16	160 J	87 J	160 J	< 0.78 UJ	150 J	< 0.78 UJ	< 0.78 UJ	< 0.78 UJ	33 J	190 J	160 J	100 J	27 J	23 J	< 0.78 UJ
OA1801201317-19	16	20	380 J	190 J	380 J	< 0.78 UJ	350 J	< 0.78 UJ	< 0.78 UJ	< 0.78 UJ	73 J	420 J	360 J	230 J	58 J	47 J	< 0.78 UJ
OA1801201321-23	20	24	270 J	140 J	290 J	< 0.38 UJ	250 J	< 0.38 UJ	< 0.38 UJ	< 0.38 UJ	49 J	290 J	260 J	170 J	43 J	29 J	< 0.38 UJ
OA1801201325-27	24	28	43 J	19 J	41 J	< 0.29 UJ	41 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	7.9 J	51 J	43 J	27 J	6.9 J	4.4 J	< 0.29 UJ
OA1801201329-31	28	32	54 J	29 J	55 J	< 0.30 UJ	53 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	11 J	61 J	53 J	33 J	8.9 J	5.7 J	< 0.30 UJ
OA1801201333-35	32	34	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.53 UJ	< 0.53 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ
OA1801201337-39	36	40	3.0 J	1.6 J	3.0 J	< 0.27 UJ	2.5 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	3.1 J	2.5 J	1.6 J	0.62 J	< 0.27 UJ	< 0.27 UJ
OA1801201341-43	40	44	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.52 UJ	< 0.52 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

UJ - Not detected

UJ - At an estimated reporting limit

Table 24 - PCB Results for Core OA18
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA18 (SDG 1816)																			
OA1801201301	0	2	0.45 J	< 0.35 UJ	< 0.35 UJ	6.1 J	3.0 J	10 J	2.8 J	5.3 J	< 0.35 UJ	3.2 J	< 0.35 UJ	0.57 J	2.7 J	2.0 J	1.7 J	130	250
OA1801201303	2	4	0.85 J	< 0.45 UJ	< 0.45 UJ	7.1 J	3.6 J	13 J	3.5 J	6.9 J	< 0.45 UJ	4.4 J	< 0.45 UJ	0.76 J	3.3 J	2.1 J	2.4 J	150	310
OA1801201305	4	6	2.2 J	< 0.69 UJ	< 0.69 UJ	18 J	7.9 J	32 J	7.5 J	16 J	< 0.69 UJ	10 J	3.2 J	1.7 J	8.2 J	5.8 J	6.8 J	390	780
OA1801201307	6	8	2.0 J	< 0.34 UJ	< 0.34 UJ	13 J	7.4 J	28 J	6.4 J	14 J	< 0.34 UJ	7.2 J	< 0.34 UJ	1.2 J	6.1 J	4.6 J	4.2 J	310	640
OA1801201309-11	8	12	3.5 J	< 0.72 UJ	< 0.72 UJ	33 J	14 J	59 J	14 J	28 J	< 0.72 UJ	16 J	4.9 J	2.2 J	13 J	10 J	10 J	670	1,300
OA1801201313-15	12	16	4.2 J	< 0.78 UJ	< 0.78 UJ	44 J	19 J	78 J	19 J	42 J	< 0.78 UJ	22 J	6.6 J	3.3 J	19 J	14 J	15 J	1,000	2,000
OA1801201317-19	16	20	9.9 J	< 0.78 UJ	< 0.78 UJ	84 J	43 J	170 J	39 J	82 J	< 0.78 UJ	39 J	15 J	7.1 J	35 J	26 J	21 J	2,400	4,800
OA1801201321-23	20	24	13 J	< 0.38 UJ	< 0.38 UJ	66 J	27 J	120 J	27 J	64 J	< 0.38 UJ	29 J	10 J	4.4 J	25 J	18 J	12 J	1,800	3,600
OA1801201325-27	24	28	1.1 J	< 0.29 UJ	< 0.29 UJ	10 J	5.1 J	20 J	5.0 J	10 J	< 0.29 UJ	5.6 J	< 0.29 UJ	1.1 J	4.3 J	3.6 J	3.2 J	270	550
OA1801201329-31	28	32	1.2 J	< 0.30 UJ	< 0.30 UJ	12 J	6.8 J	24 J	5.8 J	12 J	< 0.30 UJ	6.6 J	< 0.30 UJ	1.2 J	5.4 J	4.2 J	3.4 J	340	700
OA1801201333-35	32	34	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	ND	ND
OA1801201337-39	36	40	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.78 J	< 0.27 UJ	1.2 J	0.34 J	0.63 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	18	36
OA1801201341-43	40	44	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	ND	ND

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 25 - PCB Results for Core OA19
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>															
			<i>005/008</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>66</i>	<i>70</i>	<i>74</i>	<i>77</i>	<i>81</i>	<i>87</i>	<i>99</i>
Outfall ID OA19 (SDG 1804)																	
OA1901201301	0	2	0.67 J	2.9 J	3.5 J	2.9 J	< 0.33 UJ	8.2 J	5.0 J	7.4 J	11 J	8.9 J	5.3 J	2.7 J	< 0.33 UJ	< 0.33 UJ	7.5 J
OA1901201303	2	4	0.51 J	2.5 J	4.0 J	2.7 J	< 0.33 UJ	6.7 J	4.2 J	6.9 J	11 J	9.2 J	4.7 J	1.8 J	< 0.33 UJ	< 0.33 UJ	7.0 J
OA1901201305	4	6	1.0 J	< 0.30 UJ	4.9 J	3.5 J	< 0.30 UJ	11 J	7.4 J	11 J	17 J	14 J	6.8 J	3.3 J	< 0.30 UJ	< 0.30 UJ	11 J
OA1901201307	6	8	1.7 J	6.6 J	8.5 J	4.6 J	< 0.31 UJ	17 J	10 J	18 J	24 J	22 J	12 J	4.6 J	< 0.31 UJ	< 0.31 UJ	15 J
OA1901201309-11	8	12	3.4 J	16 J	16 J	10 J	< 0.32 UJ	32 J	21 J	34 J	49 J	40 J	23 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	30 J
OA1901201313-15	12	16	8.8 J	26 J	37 J	27 J	17 J	66 J	40 J	76 J	86 J	89 J	42 J	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	52 J
OA1901201317-19	16	20	4.7 J	16 J	22 J	14 J	< 0.33 UJ	38 J	19 J	41 J	47 J	45 J	22 J	12 J	< 0.33 UJ	< 0.33 UJ	32 J
OA1901201321-23	20	24	2.1 J	3.0 J	4.4 J	3.5 J	< 0.29 UJ	7.0 J	5.3 J	9.1 J	8.3 J	8.3 J	4.4 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	7.8 J
OA1901201325-27	24	28	1.1 J	2.3 J	1.9 J	0.95 J	< 0.27 UJ	3.4 J	2.4 J	3.4 J	4.0 J	3.6 J	2.0 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	3.3 J
OA1901201329-31	28	32	0.53 J	0.93 J	0.82 J	0.70 J	< 0.28 UJ	1.8 J	1.3 J	1.9 J	2.3 J	1.9 J	1.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J
OA1901201333-35	32	36	0.32 J	< 0.27 UJ	1.2 J	0.75 J	< 0.27 UJ	1.5 J	1.2 J	1.8 J	2.0 J	1.8 J	1.3 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.3 J
OA1901201337-39	36	40	< 0.54 UJ	< 0.27 UJ	0.29 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.14 J	0.31 J	0.21 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 25 - PCB Results for Core OA19
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA19 (SDG 1804)																	
OA1901201301	0	2	15 J	9.0 J	12 J	< 0.33 UJ	15 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	2.1 J	17 J	16 J	8.4 J	1.9 J	2.1 J	< 0.33 UJ
OA1901201303	2	4	16 J	10 J	13 J	< 0.33 UJ	17 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	2.8 J	17 J	16 J	8.1 J	2.1 J	2.0 J	< 0.33 UJ
OA1901201305	4	6	22 J	15 J	19 J	< 0.30 UJ	20 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	3.7 J	23 J	22 J	13 J	3.0 J	2.5 J	< 0.30 UJ
OA1901201307	6	8	34 J	19 J	28 J	< 0.31 UJ	34 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	6.0 J	35 J	31 J	16 J	5.1 J	4.6 J	< 0.31 UJ
OA1901201309-11	8	12	64 J	36 J	56 J	< 0.32 UJ	60 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	11 J	62 J	60 J	39 J	9.0 J	9.3 J	< 0.32 UJ
OA1901201313-15	12	16	120 J	65 J	110 J	< 0.36 UJ	110 J	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	22 J	130 J	130 J	77 J	20 J	15 J	< 0.36 UJ
OA1901201317-19	16	20	77 J	39 J	72 J	< 0.33 UJ	75 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	14 J	92 J	86 J	54 J	13 J	11 J	< 0.33 UJ
OA1901201321-23	20	24	17 J	7.8 J	15 J	< 0.29 UJ	14 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.8 J	19 J	16 J	9.4 J	2.4 J	1.9 J	< 0.29 UJ
OA1901201325-27	24	28	6.3 J	3.6 J	5.1 J	< 0.27 UJ	5.1 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.3 J	6.2 J	6.0 J	3.2 J	0.96 J	1.2 J	< 0.27 UJ
OA1901201329-31	28	32	3.0 J	2.2 J	2.7 J	< 0.28 UJ	3.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.5 J	2.9 J	1.8 J	0.54 J	< 0.28 UJ	< 0.28 UJ
OA1901201333-35	32	36	2.6 J	1.8 J	2.2 J	< 0.27 UJ	2.6 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.2 J	2.1 J	1.5 J	0.37 J	0.67 J	< 0.27 UJ
OA1901201337-39	36	40	0.26 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.36 J	0.47 J	0.25 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 25 - PCB Results for Core OA19
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA19 (SDG 1804)																			
OA1901201301	0	2	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	2.7 J	1.8 J	7.3 J	2.1 J	3.9 J	< 0.33 UJ	2.0 J	< 0.33 UJ	0.30 J	2.0 J	1.5 J	1.1 J	96	190
OA1901201303	2	4	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	3.2 J	2.0 J	8.0 J	1.8 J	3.8 J	< 0.33 UJ	1.7 J	< 0.33 UJ	< 0.33 UJ	2.1 J	1.6 J	1.1 J	97	190
OA1901201305	4	6	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	4.1 J	2.8 J	13 J	3.0 J	5.8 J	< 0.30 UJ	2.6 J	1.4 J	0.63 J	3.2 J	1.4 J	2.2 J	140	270
OA1901201307	6	8	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	6.8 J	3.8 J	17 J	3.4 J	8.2 J	< 0.31 UJ	5.7 J	2.2 J	1.2 J	3.6 J	1.7 J	2.6 J	210	410
OA1901201309-11	8	12	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	12 J	7.0 J	33 J	7.6 J	15 J	< 0.32 UJ	6.6 J	3.5 J	1.2 J	6.4 J	3.3 J	4.3 J	400	780
OA1901201313-15	12	16	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	26 J	15 J	71 J	15 J	33 J	< 0.36 UJ	13 J	6.7 J	2.5 J	15 J	7.6 J	8.4 J	800	1,600
OA1901201317-19	16	20	< 0.33 UJ	< 0.33 UJ	3.3 J	16 J	9.1 J	51 J	11 J	22 J	< 0.33 UJ	8.7 J	5.1 J	1.2 J	9.5 J	5.9 J	8.6 J	510	1,000
OA1901201321-23	20	24	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.9 J	2.1 J	8.8 J	2.3 J	4.7 J	< 0.29 UJ	2.5 J	< 0.29 UJ	< 0.29 UJ	1.6 J	1.5 J	1.4 J	97	200
OA1901201325-27	24	28	< 0.27 UJ	0.21 J	< 0.27 UJ	< 0.27 UJ	0.81 J	2.7 J	0.75 J	1.5 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.88 J	0.76 J	< 0.27 UJ	38	75
OA1901201329-31	28	32	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.1 J	1.5 J	0.35 J	0.98 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	18	39
OA1901201333-35	32	36	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.0 J	< 0.27 UJ	0.81 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	15	31
OA1901201337-39	36	40	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.5	2.3

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 26 - PCB Results for Core OA20
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>005/008</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>66</i>	<i>70</i>	<i>74</i>	<i>77</i>	<i>81</i>	<i>87</i>	<i>99</i>
Outfall ID OA20 (SDG 1796)																	
OA2001201301	0	2	< 0.65 UJ	< 0.32 UJ	1.8 J	1.2 J	0.94 J	2.4 J	1.8 J	2.6 J	3.7 J	3.9 J	1.8 J	0.75 J	< 0.32 UJ	< 0.32 UJ	2.4 J
OA2001201303	2	4	< 0.57 UJ	1.3 J	1.8 J	1.2 J	0.58 J	2.4 J	1.4 J	2.7 J	3.9 J	3.6 J	2.1 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.7 J
OA2001201305	4	6	< 0.57 UJ	0.89 J	1.3 J	0.79 J	0.74 J	2.1 J	1.1 J	2.3 J	2.9 J	2.8 J	1.4 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.2 J
OA2001201307	6	8	< 0.58 UJ	0.69 J	1.4 J	1.3 J	0.75 J	2.0 J	1.5 J	2.4 J	3.6 J	3.3 J	1.5 J	0.62 J	< 0.29 UJ	< 0.29 UJ	2.4 J
OA2001201309-11	8	12	< 0.53 UJ	< 0.27 UJ	1.0 J	0.73 J	0.84 J	1.3 J	0.98 J	1.8 J	2.9 J	2.4 J	1.3 J	0.62 J	< 0.27 UJ	< 0.27 UJ	1.8 J
OA2001201313-15	12	16	< 0.56 UJ	< 0.28 UJ	1.2 J	0.84 J	< 0.28 UJ	1.9 J	1.2 J	2.0 J	2.7 J	3.0 J	1.5 J	0.47 J	< 0.28 UJ	< 0.28 UJ	1.7 J
OA2001201317-19	16	20	< 0.56 UJ	0.91 J	2.1 J	1.6 J	0.78 J	2.9 J	2.0 J	3.3 J	4.6 J	4.9 J	1.9 J	1.0 J	< 0.28 UJ	< 0.28 UJ	2.8 J
OA2001201321-23	20	24	< 0.57 UJ	< 0.29 UJ	1.6 J	1.3 J	< 0.29 UJ	2.5 J	1.3 J	2.6 J	3.9 J	3.8 J	1.9 J	1.0 J	< 0.29 UJ	< 0.29 UJ	2.2 J
OA2001201325-27	24	28	< 0.55 UJ	< 0.28 UJ	2.0 J	1.7 J	< 0.28 UJ	3.3 J	2.1 J	3.7 J	4.7 J	5.0 J	2.3 J	0.97 J	< 0.28 UJ	< 0.28 UJ	3.2 J
OA2001201329-31	28	32	< 0.56 UJ	< 0.28 UJ	2.7 J	2.1 J	0.92 J	3.8 J	2.1 J	4.0 J	5.2 J	5.9 J	2.9 J	1.3 J	< 0.28 UJ	< 0.28 UJ	3.7 J
OA2001201333-35	32	36	< 0.57 UJ	< 0.29 UJ	2.5 J	2.2 J	< 0.29 UJ	4.0 J	2.8 J	4.3 J	5.6 J	6.2 J	3.0 J	1.7 J	< 0.29 UJ	< 0.29 UJ	3.9 J
OA2001201337-39	36	40	< 0.58 UJ	2.4 J	5.2 J	3.1 J	1.8 J	7.5 J	4.6 J	8.0 J	11 J	10 J	5.6 J	2.1 J	< 0.29 UJ	< 0.29 UJ	6.2 J
OA2001201341-43	40	44	< 0.57 UJ	3.2 J	5.3 J	3.9 J	2.2 J	9.3 J	5.4 J	9.8 J	13 J	14 J	6.9 J	2.2 J	< 0.29 UJ	< 0.29 UJ	8.1 J
OA2001201345-47	44	48	< 0.55 UJ	2.3 J	2.9 J	2.6 J	1.9 J	5.0 J	3.3 J	5.6 J	6.8 J	7.4 J	3.9 J	1.7 J	< 0.28 UJ	< 0.28 UJ	4.3 J
OA2001201349-51	48	52	< 0.56 UJ	1.9 J	3.4 J	2.7 J	1.4 J	5.6 J	3.2 J	5.9 J	6.5 J	7.0 J	3.7 J	1.2 J	< 0.28 UJ	< 0.28 UJ	4.1 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 26 - PCB Results for Core OA20
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA20 (SDG 1796)																	
OA2001201301	0	2	5.0 J	2.2 J	5.5 J	< 0.32 UJ	5.1 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	0.90 J	5.7 J	5.1 J	2.9 J	1.3 J	0.65 J	< 0.32 UJ
OA2001201303	2	4	4.7 J	3.5 J	4.8 J	< 0.28 UJ	5.2 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.3 J	6.4 J	5.5 J	3.4 J	0.83 J	0.67 J	< 0.28 UJ
OA2001201305	4	6	3.6 J	1.9 J	3.9 J	< 0.29 UJ	3.9 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.87 J	5.1 J	4.2 J	2.5 J	0.71 J	0.61 J	< 0.29 UJ
OA2001201307	6	8	4.6 J	2.6 J	4.2 J	< 0.29 UJ	4.4 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.83 J	5.3 J	4.6 J	2.8 J	0.75 J	0.84 J	< 0.29 UJ
OA2001201309-11	8	12	3.1 J	1.8 J	3.3 J	< 0.27 UJ	4.1 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.67 J	4.0 J	3.8 J	1.9 J	0.63 J	0.41 J	< 0.27 UJ
OA2001201313-15	12	16	3.5 J	2.4 J	3.6 J	< 0.28 UJ	3.8 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.70 J	4.7 J	4.2 J	2.2 J	0.72 J	0.72 J	< 0.28 UJ
OA2001201317-19	16	20	5.6 J	3.6 J	5.7 J	< 0.28 UJ	5.9 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.2 J	7.2 J	6.1 J	3.3 J	1.1 J	0.81 J	< 0.28 UJ
OA2001201321-23	20	24	4.6 J	2.9 J	5.0 J	< 0.29 UJ	5.1 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.3 J	6.5 J	5.1 J	3.1 J	1.2 J	0.80 J	< 0.29 UJ
OA2001201325-27	24	28	6.6 J	4.1 J	6.0 J	< 0.28 UJ	6.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.3 J	8.2 J	7.2 J	3.9 J	1.1 J	0.83 J	< 0.28 UJ
OA2001201329-31	28	32	6.9 J	5.1 J	6.9 J	< 0.28 UJ	7.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.7 J	9.4 J	7.7 J	4.6 J	1.5 J	1.0 J	< 0.28 UJ
OA2001201333-35	32	36	7.3 J	4.5 J	7.4 J	< 0.29 UJ	7.6 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.6 J	8.8 J	8.2 J	4.8 J	1.4 J	0.96 J	< 0.29 UJ
OA2001201337-39	36	40	14 J	6.7 J	13 J	< 0.29 UJ	14 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.9 J	16 J	14 J	8.6 J	2.3 J	1.8 J	< 0.29 UJ
OA2001201341-43	40	44	17 J	9.0 J	16 J	< 0.29 UJ	16 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	4.3 J	20 J	18 J	11 J	2.6 J	1.9 J	1.7 J
OA2001201345-47	44	48	9.2 J	5.1 J	8.1 J	< 0.28 UJ	10 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.1 J	11 J	11 J	5.4 J	1.6 J	1.5 J	< 0.28 UJ
OA2001201349-51	48	52	8.3 J	4.8 J	8.3 J	< 0.28 UJ	7.8 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.5 J	9.5 J	8.5 J	5.3 J	1.4 J	0.85 J	< 0.28 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 26 - PCB Results for Core OA20
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA20 (SDG 1796)																			
OA2001201301	0	2	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	1.9 J	0.52 J	2.7 J	0.90 J	1.6 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	0.51 J	32	66
OA2001201303	2	4	0.23 J	4.6 J	< 0.28 UJ	1.4 J	0.60 J	2.7 J	0.71 J	1.4 J	< 0.28 UJ	1.1 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.43 J	0.51 J	34	74
OA2001201305	4	6	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.5 J	0.71 J	1.9 J	0.51 J	1.1 J	< 0.29 UJ	0.57 J	< 0.29 UJ	< 0.29 UJ	0.50 J	< 0.29 UJ	0.42 J	26	53
OA2001201307	6	8	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.5 J	0.85 J	2.6 J	0.62 J	1.4 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.86 J	< 0.29 UJ	0.41 J	30	61
OA2001201309-11	8	12	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.1 J	< 0.27 UJ	1.7 J	0.38 J	0.90 J	< 0.27 UJ	0.63 J	0.28 J	< 0.27 UJ	0.57 J	0.45 J	0.43 J	22	46
OA2001201313-15	12	16	< 0.28 UJ	3.6 J	< 0.28 UJ	1.3 J	0.57 J	2.0 J	0.58 J	1.1 J	< 0.28 UJ	0.71 J	0.28 J	< 0.28 UJ	0.55 J	0.36 J	0.48 J	25	55
OA2001201317-19	16	20	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.5 J	0.81 J	3.3 J	0.85 J	1.6 J	< 0.28 UJ	1.1 J	< 0.28 UJ	< 0.28 UJ	1.1 J	0.84 J	0.92 J	41	82
OA2001201321-23	20	24	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.9 J	0.86 J	3.0 J	0.84 J	1.6 J	< 0.29 UJ	1.0 J	< 0.29 UJ	< 0.29 UJ	0.72 J	0.75 J	0.61 J	34	69
OA2001201325-27	24	28	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.0 J	0.93 J	3.3 J	< 0.28 UJ	1.9 J	< 0.28 UJ	1.5 J	< 0.28 UJ	< 0.28 UJ	1.0 J	0.69 J	0.99 J	44	87
OA2001201329-31	28	32	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.8 J	0.90 J	3.9 J	0.99 J	2.2 J	< 0.28 UJ	1.2 J	< 0.28 UJ	< 0.28 UJ	1.0 J	1.1 J	0.98 J	49	100
OA2001201333-35	32	36	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.4 J	0.78 J	4.4 J	1.1 J	1.9 J	< 0.29 UJ	1.2 J	< 0.29 UJ	< 0.29 UJ	1.1 J	0.88 J	0.90 J	51	100
OA2001201337-39	36	40	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.7 J	1.6 J	6.9 J	1.9 J	4.0 J	< 0.29 UJ	2.0 J	< 0.29 UJ	< 0.29 UJ	1.9 J	1.3 J	1.4 J	93	190
OA2001201341-43	40	44	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	4.8 J	1.7 J	8.1 J	2.6 J	4.6 J	< 0.29 UJ	2.5 J	0.76 J	< 0.29 UJ	1.8 J	1.6 J	1.8 J	110	230
OA2001201345-47	44	48	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.6 J	1.4 J	5.0 J	1.2 J	2.5 J	< 0.28 UJ	1.6 J	< 0.28 UJ	< 0.28 UJ	1.2 J	0.86 J	1.0 J	65	130
OA2001201349-51	48	52	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.3 J	0.91 J	3.6 J	0.97 J	2.0 J	< 0.28 UJ	1.5 J	0.65 J	0.16 J	1.3 J	1.5 J	1.0 J	60	120

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 27 - PCB Results for Core OA21
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>005/008</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>66</i>	<i>70</i>	<i>74</i>	<i>77</i>	<i>81</i>	<i>87</i>	<i>99</i>
Outfall ID OA21 (SDG 1807)																	
OA2101201301	0	2	0.78 J	2.2 J	3.1 J	2.5 J	2.1 J	6.3 J	4.2 J	6.1 J	10 J	9.8 J	4.2 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	7.4 J
OA2101201303	2	4	0.89 J	4.1 J	4.9 J	3.3 J	1.4 J	11 J	6.3 J	10 J	18 J	13 J	5.9 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	9.0 J
OA2101201305	4	6	1.8 J	5.2 J	8.8 J	5.6 J	2.6 J	17 J	12 J	18 J	28 J	22 J	10 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	15 J
OA2101201307	6	8	2.7 J	8.6 J	15 J	9.9 J	3.2 J	29 J	19 J	29 J	49 J	38 J	18 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	28 J
OA2101201309-11	8	12	5.5 J	18 J	24 J	19 J	7.9 J	50 J	35 J	54 J	77 J	72 J	31 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	46 J
OA2101201313-15	12	16	1.7 J	4.6 J	5.0 J	3.5 J	< 0.28 UJ	8.1 J	5.1 J	9.8 J	12 J	9.9 J	4.9 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	8.8 J

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 27 - PCB Results for Core OA21
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>101</i>	<i>105</i>	<i>110</i>	<i>114</i>	<i>118</i>	<i>119</i>	<i>123</i>	<i>126</i>	<i>128</i>	<i>132/153</i>	<i>138/158</i>	<i>149</i>	<i>151</i>	<i>156</i>	<i>157</i>
Outfall ID OA21 (SDG 1807)																	
OA2101201301	0	2	14 J	11 J	14 J	< 0.34 UJ	16 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	3.3 J	17 J	15 J	9.4 J	1.8 J	2.1 J	< 0.34 UJ
OA2101201303	2	4	20 J	13 J	22 J	< 0.31 UJ	22 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	4.5 J	25 J	22 J	12 J	3.1 J	2.7 J	< 0.31 UJ
OA2101201305	4	6	33 J	21 J	35 J	< 0.30 UJ	31 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	6.6 J	35 J	30 J	17 J	4.7 J	4.4 J	< 0.30 UJ
OA2101201307	6	8	56 J	35 J	54 J	< 0.30 UJ	57 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	10 J	56 J	47 J	30 J	7.7 J	5.8 J	< 0.30 UJ
OA2101201309-11	8	12	100 J	53 J	98 J	< 0.31 UJ	90 J	4.4 J	< 0.31 UJ	< 0.31 UJ	18 J	100 J	88 J	52 J	13 J	10 J	< 0.31 UJ
OA2101201313-15	12	16	18 J	8.4 J	16 J	< 0.28 UJ	16 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.5 J	21 J	17 J	11 J	2.6 J	< 0.28 UJ	< 0.28 UJ

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 27 - PCB Results for Core OA21
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>167</i>	<i>168</i>	<i>169</i>	<i>170</i>	<i>177</i>	<i>180</i>	<i>183</i>	<i>187</i>	<i>189</i>	<i>194</i>	<i>195</i>	<i>201</i>	<i>203</i>	<i>206</i>	<i>209</i>	<i>Total PCBs (2009 list)</i>	<i>Total PCBs</i>
Outfall ID OA21 (SDG 1807)																			
OA2101201301	0	2	0.92 J	< 0.34 UJ	< 0.34 UJ	3.1 J	2.0 J	6.7 J	1.4 J	3.5 J	< 0.34 UJ	1.1 J	0.84 J	0.80 J	1.6 J	1.2 J	2.3 J	92	190
OA2101201303	2	4	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	3.6 J	2.2 J	8.2 J	2.5 J	4.8 J	< 0.31 UJ	1.3 J	0.91 J	0.97 J	1.9 J	0.98 J	2.0 J	130	260
OA2101201305	4	6	2.4 J	< 0.30 UJ	< 0.30 UJ	5.1 J	3.6 J	13 J	2.9 J	6.8 J	< 0.30 UJ	2.0 J	< 0.30 UJ	0.89 J	2.6 J	1.5 J	3.3 J	200	410
OA2101201307	6	8	2.4 J	< 0.30 UJ	< 0.30 UJ	7.7 J	5.1 J	20 J	4.3 J	10 J	< 0.30 UJ	4.9 J	1.7 J	0.78 J	4.0 J	2.0 J	3.3 J	330	670
OA2101201309-11	8	12	3.2 J	< 0.31 UJ	< 0.31 UJ	14 J	10 J	35 J	8.3 J	19 J	< 0.31 UJ	6.6 J	3.5 J	1.4 J	7.3 J	4.7 J	6.3 J	580	1,200
OA2101201313-15	12	16	0.57 J	< 0.28 UJ	< 0.28 UJ	3.5 J	2.2 J	7.4 J	2.1 J	4.0 J	< 0.28 UJ	1.3 J	< 0.28 UJ	0.71 J	1.7 J	1.4 J	2.4 J	110	210

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 28 - PCB Results for Core OA22
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA22 (SDG 1789)																	
OA2201201301	0	2	0.30 J	< 0.31 UJ	2.2 J	1.5 J	< 0.31 UJ	4.2 J	2.7 J	4.4 J	6.6 J	5.8 J	2.9 J	1.6 J	< 0.31 UJ	< 0.31 UJ	4.4 J
OA2201201303	2	4	0.63 J	< 0.30 UJ	3.9 J	1.7 J	< 0.30 UJ	5.7 J	3.7 J	6.4 J	9.1 J	7.5 J	3.8 J	2.3 J	< 0.30 UJ	< 0.30 UJ	5.8 J
OA2201201305	4	6	0.78 J	< 0.28 UJ	4.7 J	2.8 J	< 0.28 UJ	8.0 J	6.1 J	9.6 J	14 J	10 J	5.9 J	2.6 J	< 0.28 UJ	< 0.28 UJ	8.8 J
OA2201201307	6	8	1.6 J	< 0.28 UJ	8.7 J	3.6 J	< 0.28 UJ	16 J	11 J	17 J	27 J	20 J	10 J	4.8 J	< 0.28 UJ	< 0.28 UJ	16 J
OA2201201309-11	8	12	3.8 J	9.5 J	37 J	17 J	6.0 J	70 J	51 J	75 J	110 J	81 J	43 J	15 J	< 0.33 UJ	< 0.33 UJ	57 J
OA2201201313-15	12	16	5.8 J	17 J	34 J	21 J	4.8 J	64 J	42 J	73 J	85 J	81 J	39 J	15 J	< 0.32 UJ	< 0.32 UJ	50 J
OA2201201317-19	16	20	2.2 J	3.9 J	8.1 J	4.3 J	2.1 J	15 J	10 J	16 J	21 J	17 J	9.2 J	3.9 J	< 0.28 UJ	< 0.28 UJ	13 J
OA2201201321-23	20	24	0.82 J	1.5 J	2.5 J	1.0 J	< 0.27 UJ	3.7 J	3.0 J	4.1 J	5.5 J	4.1 J	2.5 J	0.97 J	< 0.27 UJ	< 0.27 UJ	3.6 J
OA2201201325-27	24	28	0.60 J	< 0.28 UJ	2.3 J	1.4 J	< 0.28 UJ	4.0 J	2.7 J	4.1 J	5.8 J	4.4 J	2.5 J	1.1 J	< 0.28 UJ	< 0.28 UJ	3.8 J
OA2201201329-31	28	32	0.36 J	< 0.27 UJ	1.3 J	0.44 J	< 0.27 UJ	2.0 J	1.4 J	2.5 J	2.8 J	2.2 J	1.3 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.0 J
OA2201201333-35	32	36	0.22 J	< 0.26 UJ	0.47 J	< 0.26 UJ	< 0.26 UJ	0.64 J	0.43 J	0.77 J	0.75 J	0.62 J	0.40 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	0.49 J

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 28 - PCB Results for Core OA22
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA222 (SDG 1789)																	
OA2201201301	0	2	8.3 J	4.2 J	8.0 J	< 0.31 UJ	8.8 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	1.9 J	9.4 J	8.5 J	5.0 J	1.3 J	0.85 J	< 0.31 UJ
OA2201201303	2	4	11 J	5.8 J	11 J	< 0.30 UJ	11 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	2.2 J	13 J	11 J	6.3 J	1.7 J	1.3 J	< 0.30 UJ
OA2201201305	4	6	17 J	8.8 J	16 J	< 0.28 UJ	16 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.9 J	19 J	16 J	9.7 J	2.7 J	2.1 J	< 0.28 UJ
OA2201201307	6	8	32 J	17 J	32 J	< 0.28 UJ	32 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	6.2 J	36 J	31 J	19 J	4.9 J	3.4 J	< 0.28 UJ
OA2201201309-11	8	12	120 J	59 J	120 J	< 0.33 UJ	110 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	21 J	130 J	110 J	72 J	20 J	13 J	< 0.33 UJ
OA2201201313-15	12	16	110 J	51 J	110 J	< 0.32 UJ	99 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	19 J	120 J	100 J	65 J	17 J	11 J	< 0.32 UJ
OA2201201317-19	16	20	26 J	13 J	26 J	< 0.28 UJ	23 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	4.6 J	29 J	25 J	16 J	4.2 J	2.9 J	< 0.28 UJ
OA2201201321-23	20	24	7.0 J	4.0 J	6.7 J	< 0.27 UJ	6.7 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.3 J	7.9 J	6.1 J	4.1 J	1.3 J	0.76 J	< 0.27 UJ
OA2201201325-27	24	28	6.7 J	3.4 J	6.7 J	< 0.28 UJ	6.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.5 J	7.6 J	6.6 J	4.2 J	1.2 J	0.75 J	< 0.28 UJ
OA2201201329-31	28	32	3.5 J	1.9 J	3.5 J	< 0.27 UJ	3.1 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.69 J	3.7 J	3.0 J	1.9 J	0.51 J	< 0.27 UJ	< 0.27 UJ
OA2201201333-35	32	36	1.0 J	0.46 J	0.91 J	< 0.26 UJ	0.83 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	0.77 J	0.57 J	0.44 J	0.16 J	< 0.26 UJ	< 0.26 UJ

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 28 - PCB Results for Core OA22
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA222 (SDG 1789)																			
OA2201201301	0	2	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	2.4 J	1.1 J	3.9 J	1.1 J	2.1 J	< 0.31 UJ	1.2 J	0.56 J	0.19 J	1.0 J	0.77 J	0.77 J	53	110
OA2201201303	2	4	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	2.5 J	1.4 J	5.4 J	1.3 J	2.9 J	< 0.30 UJ	1.4 J	0.76 J	< 0.30 UJ	1.4 J	1.0 J	1.1 J	72	140
OA2201201305	4	6	0.37 J	< 0.28 UJ	< 0.28 UJ	4.0 J	1.9 J	8.4 J	1.8 J	4.1 J	< 0.28 UJ	2.1 J	1.1 J	0.38 J	1.9 J	1.5 J	1.4 J	110	210
OA2201201307	6	8	0.72 J	< 0.28 UJ	< 0.28 UJ	8.0 J	3.9 J	15 J	3.5 J	7.6 J	< 0.28 UJ	4.1 J	1.4 J	0.57 J	3.5 J	2.4 J	2.3 J	200	400
OA2201201309-11	8	12	3.4 J	< 0.33 UJ	< 0.33 UJ	30 J	13 J	54 J	13 J	29 J	< 0.33 UJ	13 J	4.5 J	2.1 J	11 J	8.0 J	7.6 J	780	1,500
OA2201201313-15	12	16	2.9 J	< 0.32 UJ	< 0.32 UJ	24 J	12 J	48 J	11 J	26 J	< 0.32 UJ	12 J	4.0 J	1.8 J	10 J	8.0 J	5.7 J	700	1,400
OA2201201317-19	16	20	0.60 J	< 0.28 UJ	< 0.28 UJ	5.6 J	3.2 J	11 J	3.0 J	5.9 J	< 0.28 UJ	2.8 J	1.4 J	0.50 J	2.9 J	2.2 J	1.9 J	170	340
OA2201201321-23	20	24	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.6 J	0.78 J	3.1 J	0.79 J	1.5 J	< 0.27 UJ	1.0 J	< 0.27 UJ	0.25 J	0.71 J	0.82 J	1.1 J	46	91
OA2201201325-27	24	28	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.8 J	0.85 J	3.2 J	0.91 J	1.6 J	< 0.28 UJ	0.98 J	< 0.28 UJ	< 0.28 UJ	0.78 J	0.77 J	0.69 J	44	89
OA2201201329-31	28	32	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.76 J	0.30 J	1.5 J	0.39 J	0.77 J	< 0.27 UJ	0.61 J	< 0.27 UJ	< 0.27 UJ	0.51 J	0.38 J	0.38 J	21	44
OA2201201333-35	32	36	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	4.7	9.9

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 29 - PCB Results for Core OA22R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>005/008</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>66</i>	<i>70</i>	<i>74</i>	<i>77</i>	<i>81</i>	<i>87</i>	<i>99</i>
Outfall ID OA22 (SDG 1792)																	
OA2202201301	0	2	0.30 J	0.75 J	2.6 J	< 0.32	1.9 J	3.6 J	3.0 J	4.3 J	6.2 J	5.0 J	2.4 J	< 0.32	< 0.32	< 0.32	3.8 J
OA2202201303	2	4	0.39 J	2.1 J	2.4 J	1.5 J	< 0.29	4.5 J	4.0 J	6.1 J	7.3 J	6.4 J	3.1 J	< 0.29	< 0.29	< 0.29	4.6 J
OA2202201305	4	6	< 0.57 UJ	< 0.28	2.3 J	< 0.28	< 0.28	4.9 J	3.4 J	4.9 J	8.1 J	6.6 J	3.8 J	< 0.28	< 0.28	< 0.28	5.5 J
OA2202201307	6	8	0.59 J	1.4 J	4.0 J	1.3 J	< 0.57	5.0 J	4.0 J	5.2 J	7.9 J	6.1 J	3.6 J	1.2 J	< 0.57	< 0.57	4.7 J
OA2202201309-11	8	12	1.4 J	3.0 J	7.6 J	3.9 J	< 0.57	14 J	11 J	16 J	22 J	18 J	9.4 J	< 0.57	< 0.57	< 0.57	14 J
OA2202201313-15	12	16	3.3 J	14 J	25 J	17 J	5.0 J	52 J	35 J	54 J	69 J	62 J	30 J	< 0.59	< 0.59	< 0.59	38 J
OA2202201317-19	16	20	4.2 J	10 J	18 J	11 J	5.9 J	30 J	22 J	37 J	41 J	37 J	19 J	< 0.56	< 0.56	< 0.56	23 J
OA2202201321-23	20	24	2.0 J	3.4 J	7.7 J	4.0 J	0.87 J	12 J	8.9 J	12 J	15 J	15 J	8.7 J	< 0.27	< 0.27	< 0.27	9.4 J
OA2202201325-27	24	28	0.92 J	1.5 J	4.4 J	1.7 J	< 0.28	6.2 J	3.9 J	6.3 J	8.8 J	6.7 J	5.8 J	< 0.28	< 0.28	< 0.28	5.8 J
OA2202201329-31	28	32	0.73 J	1.8 J	2.6 J	1.6 J	< 0.27	4.4 J	3.4 J	4.8 J	5.8 J	4.8 J	2.6 J	< 0.27	< 0.27	< 0.27	4.0 J
OA2202201333-35	32	36	0.59 J	1.0 J	2.7 J	1.1 J	0.62 J	4.7 J	3.5 J	4.9 J	6.1 J	5.1 J	2.6 J	< 0.26	< 0.26	< 0.26	3.8 J
OA2202201337-39	36	40	< 0.52 UJ	0.48 J	0.66 J	0.38 J	< 0.26	1.2 J	0.86 J	1.5 J	1.4 J	1.1 J	0.68 J	< 0.26	< 0.26	< 0.26	0.95 J

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 29 - PCB Results for Core OA22R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>101</i>	<i>105</i>	<i>110</i>	<i>114</i>	<i>118</i>	<i>119</i>	<i>123</i>	<i>126</i>	<i>128</i>	<i>132/153</i>	<i>138/158</i>	<i>149</i>	<i>151</i>	<i>156</i>	<i>157</i>
Outfall ID OA22 (SDG 1792)																	
OA2202201301	0	2	6.6 J	4.8 J	6.6 J	< 0.32 UJ	10 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	1.9 J	9.1 J	7.9 J	4.4 J	1.3 J	0.84 J	< 0.32 UJ
OA2202201303	2	4	8.8 J	5.8 J	9.2 J	< 0.29 UJ	10 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.5 J	12 J	10 J	5.6 J	1.7 J	1.8 J	< 0.29 UJ
OA2202201305	4	6	11 J	5.5 J	11 J	< 0.28 UJ	11 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.1 J	11 J	10 J	5.9 J	2.1 J	1.6 J	< 0.28 UJ
OA2202201307	6	8	8.5 J	7.5 J	8.7 J	< 0.57 UJ	8.4 J	< 0.57 UJ	< 0.57 UJ	< 0.57 UJ	1.9 J	10 J	10 J	5.4 J	1.6 J	1.3 J	< 0.57 UJ
OA2202201309-11	8	12	26 J	13 J	26 J	< 0.57 UJ	27 J	< 0.57 UJ	< 0.57 UJ	< 0.57 UJ	5.0 J	29 J	26 J	13 J	3.8 J	3.2 J	< 0.57 UJ
OA2202201313-15	12	16	80 J	39 J	81 J	< 0.59 UJ	73 J	5.5 J	< 0.59 UJ	< 0.59 UJ	15 J	86 J	73 J	46 J	11 J	8.3 J	7.4 J
OA2202201317-19	16	20	47 J	23 J	47 J	< 0.56 UJ	43 J	< 0.56 UJ	< 0.56 UJ	< 0.56 UJ	8.4 J	52 J	45 J	28 J	7.7 J	5.3 J	< 0.56 UJ
OA2202201321-23	20	24	19 J	9.7 J	20 J	< 0.27 UJ	19 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	3.4 J	24 J	21 J	12 J	3.6 J	2.3 J	2.9 J
OA2202201325-27	24	28	10 J	5.5 J	13 J	< 0.28 UJ	9.8 J	< 0.28 UJ	< 0.28 UJ	1.8 J	1.3 J	12 J	11 J	7.0 J	2.0 J	1.0 J	0.78 J
OA2202201329-31	28	32	7.0 J	3.1 J	7.0 J	< 0.27 UJ	6.3 J	0.27 J	< 0.27 UJ	< 0.27 UJ	1.4 J	7.7 J	6.4 J	4.0 J	1.0 J	0.72 J	< 0.27 UJ
OA2202201333-35	32	36	7.3 J	3.3 J	6.8 J	< 0.26 UJ	6.8 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	1.1 J	7.7 J	6.3 J	4.1 J	1.1 J	0.87 J	< 0.26 UJ
OA2202201337-39	36	40	1.9 J	0.81 J	1.7 J	< 0.26 UJ	1.6 J	0.19 J	< 0.26 UJ	< 0.26 UJ	0.39 J	2.0 J	1.8 J	1.2 J	0.35 J	0.30 J	< 0.26 UJ

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 29 - PCB Results for Core OA22R
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209		Total PCBs
Outfall ID OA22 (SDG 1792)																			
OA2202201301	0	2	0.28 J	< 0.32 UJ	< 0.32 UJ	3.4 J	1.3 J	4.6 J	0.85 J	1.8 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	1.4 J	1.0 J	1.0 J	52	100
OA2202201303	2	4	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.8 J	1.4 J	6.1 J	1.6 J	2.6 J	< 0.29 UJ	1.8 J	< 0.29 UJ	< 0.29 UJ	1.4 J	1.3 J	1.1 J	65	130
OA2202201305	4	6	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.4 J	1.2 J	5.3 J	1.6 J	2.9 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.8 J	63	130
OA2202201307	6	8	0.38 J	< 0.57 UJ	< 0.57 UJ	3.5 J	1.4 J	5.4 J	1.3 J	2.9 J	< 0.57 UJ	1.8 J	< 0.57 UJ	< 0.57 UJ	1.4 J	0.98 J	0.81 J	68	130
OA2202201309-11	8	12	1.1 J	< 0.57 UJ	< 0.57 UJ	6.7 J	3.0 J	13 J	3.0 J	6.3 J	< 0.57 UJ	3.6 J	< 0.57 UJ	0.63 J	3.4 J	2.2 J	2.0 J	170	340
OA2202201313-15	12	16	< 0.59 UJ	< 0.59 UJ	2.3 J	15 J	8.1 J	34 J	7.9 J	19 J	< 0.59 UJ	8.0 J	2.9 J	1.3 J	5.8 J	4.0 J	3.8 J	510	1,000
OA2202201317-19	16	20	1.3 J	< 0.56 UJ	2.1 J	10 J	4.9 J	22 J	5.4 J	9.9 J	< 0.56 UJ	4.8 J	< 0.56 UJ	1.1 J	3.8 J	3.2 J	2.4 J	320	640
OA2202201321-23	20	24	< 0.27 UJ	< 0.27 UJ	0.63 J	5.0 J	2.9 J	11 J	2.8 J	5.3 J	< 0.27 UJ	2.6 J	1.0 J	< 0.27 UJ	2.6 J	2.0 J	1.4 J	130	270
OA2202201325-27	24	28	0.41 J	< 0.28 UJ	< 0.28 UJ	2.7 J	1.4 J	5.3 J	1.2 J	2.6 J	< 0.28 UJ	2.0 J	1.1 J	0.35 J	1.4 J	1.6 J	1.4 J	73	150
OA2202201329-31	28	32	0.11 J	< 0.27 UJ	< 0.27 UJ	1.9 J	0.93 J	3.0 J	0.78 J	1.5 J	< 0.27 UJ	1.0 J	< 0.27 UJ	< 0.27 UJ	0.76 J	0.66 J	0.51 J	46	93
OA2202201333-35	32	36	0.26 J	< 0.26 UJ	< 0.26 UJ	1.9 J	0.88 J	3.0 J	0.68 J	1.6 J	< 0.26 UJ	0.83 J	< 0.26 UJ	0.22 J	0.73 J	0.78 J	0.57 J	46	94
OA2202201337-39	36	40	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	0.66 J	< 0.26 UJ	0.91 J	< 0.26 UJ	0.48 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	12	24

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 30 - PCB Results for Core OA23
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA23 (SDG 1795)																	
OA2301201301	0	2	< 0.67 UJ	2.4 J	2.2 J	1.8 J	1.7 J	4.2 J	2.2 J	4.6 J	6.5 J	5.5 J	2.9 J	1.7 J	< 0.33 UJ	< 0.33 UJ	4.0 J
OA2301201303	2	4	0.49 J	< 0.30 UJ	2.0 J	1.7 J	< 0.30 UJ	3.7 J	2.6 J	3.0 J	5.7 J	4.5 J	3.1 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	3.5 J
OA2301201305	4	6	0.40 J	< 0.29 UJ	2.2 J	1.7 J	< 0.29 UJ	4.0 J	2.4 J	4.4 J	5.9 J	5.5 J	2.9 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.9 J
OA2301201307	6	8	0.49 J	< 0.29 UJ	1.9 J	1.5 J	< 0.29 UJ	3.4 J	2.3 J	4.3 J	5.9 J	5.0 J	2.5 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.7 J
OA2301201309-11	8	12	0.55 J	< 0.28 UJ	2.4 J	1.5 J	< 0.28 UJ	4.5 J	3.2 J	4.8 J	6.7 J	5.8 J	2.6 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	4.2 J
OA2301201313-15	12	16	0.89 J	< 0.30 UJ	3.7 J	3.7 J	< 0.30 UJ	5.2 J	3.9 J	6.2 J	9.3 J	8.4 J	4.9 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	6.7 J
OA2301201317-19	16	20	0.92 J	< 0.30 UJ	5.5 J	3.4 J	< 0.30 UJ	6.7 J	4.8 J	9.3 J	12 J	11 J	6.9 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	9.2 J
OA2301201321-23	20	24	0.94 J	< 0.31 UJ	7.3 J	7.0 J	< 0.31 UJ	9.5 J	6.3 J	11 J	15 J	14 J	7.7 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	9.3 J
OA2301201325-27	24	28	2.4 J	16 J	12 J	11 J	< 0.31 UJ	22 J	14 J	23 J	31 J	29 J	16 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	20 J
OA2301201329-31	28	32	2.2 J	8.4 J	11 J	7.6 J	< 0.31 UJ	21 J	11 J	21 J	26 J	26 J	14 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	16 J
OA2301201333-35	32	36	2.3 J	9.3 J	8.8 J	6.7 J	< 0.29 UJ	17 J	9.6 J	15 J	19 J	19 J	10 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	11 J
OA2301201337-39	36	40	1.6 J	6.6 J	7.8 J	5.3 J	< 0.29 UJ	14 J	8.8 J	14 J	18 J	17 J	9.6 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	11 J
OA2301201341-43	40	44	0.70 J	3.7 J	2.6 J	2.6 J	1.6 J	5.3 J	3.3 J	5.5 J	6.6 J	6.7 J	3.4 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.9 J
OA2301201345-47	44	48	0.49 J	< 0.28 UJ	1.7 J	1.2 J	< 0.28 UJ	3.2 J	1.8 J	1.9 J	3.8 J	3.1 J	2.0 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.2 J

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 30 - PCB Results for Core OA23
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA23 (SDG 1795)																	
OA2301201301	0	2	7.8 J	5.2 J	6.9 J	< 0.33 UJ	8.6 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	1.4 J	8.5 J	8.8 J	4.1 J	1.1 J	< 0.33 UJ	< 0.33 UJ
OA2301201303	2	4	7.3 J	4.4 J	5.8 J	< 0.30 UJ	7.1 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	7.3 J	6.8 J	3.8 J	1.2 J	1.7 J	< 0.30 UJ
OA2301201305	4	6	8.2 J	5.3 J	7.1 J	< 0.29 UJ	8.4 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.3 J	8.1 J	8.0 J	4.1 J	1.4 J	1.4 J	< 0.29 UJ
OA2301201307	6	8	6.6 J	6.1 J	6.7 J	< 0.29 UJ	8.5 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.9 J	8.2 J	7.6 J	4.6 J	1.3 J	1.2 J	< 0.29 UJ
OA2301201309-11	8	12	8.0 J	6.4 J	7.1 J	< 0.28 UJ	8.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.1 J	8.7 J	8.5 J	4.0 J	1.3 J	1.4 J	< 0.28 UJ
OA2301201313-15	12	16	13 J	10 J	11 J	< 0.30 UJ	11 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	13 J	13 J	6.4 J	2.2 J	2.0 J	< 0.30 UJ
OA2301201317-19	16	20	16 J	13 J	15 J	< 0.30 UJ	18 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	4.0 J	17 J	17 J	8.7 J	2.4 J	3.0 J	< 0.30 UJ
OA2301201321-23	20	24	19 J	16 J	17 J	< 0.31 UJ	20 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	19 J	22 J	9.7 J	2.9 J	2.7 J	< 0.31 UJ
OA2301201325-27	24	28	40 J	24 J	35 J	< 0.31 UJ	45 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	8.4 J	39 J	41 J	22 J	5.5 J	6.4 J	< 0.31 UJ
OA2301201329-31	28	32	33 J	19 J	29 J	< 0.31 UJ	32 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	5.1 J	31 J	31 J	18 J	4.3 J	5.5 J	< 0.31 UJ
OA2301201333-35	32	36	25 J	15 J	21 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	4.9 J	22 J	21 J	14 J	3.4 J	3.6 J	< 0.29 UJ
OA2301201337-39	36	40	23 J	15 J	20 J	< 0.29 UJ	23 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	4.5 J	21 J	22 J	13 J	3.4 J	2.8 J	< 0.29 UJ
OA2301201341-43	40	44	7.8 J	6.0 J	7.3 J	< 0.29 UJ	8.1 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.6 J	8.4 J	8.5 J	4.3 J	1.2 J	1.3 J	< 0.29 UJ
OA2301201345-47	44	48	4.4 J	3.5 J	4.0 J	< 0.28 UJ	4.5 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	4.6 J	4.7 J	2.1 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 30 - PCB Results for Core OA23
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA23 (SDG 1795)																			
OA2301201301	0	2	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	0.87 J	4.8 J	1.5 J	2.5 J	< 0.33 UJ	< 0.33 UJ	0.66 J	< 0.33 UJ	1.3 J	< 0.33 UJ	< 0.33 UJ	53	100
OA2301201303	2	4	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	1.8 J	0.83 J	3.9 J	< 0.30 UJ	2.0 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	0.99 J	< 0.30 UJ	0.72 J	43	86
OA2301201305	4	6	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.8 J	0.89 J	3.2 J	0.85 J	1.8 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.91 J	< 0.29 UJ	< 0.29 UJ	49	97
OA2301201307	6	8	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.5 J	0.90 J	3.5 J	1.1 J	2.3 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.4 J	< 0.29 UJ	1.1 J	47	95
OA2301201309-11	8	12	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.3 J	4.7 J	0.82 J	2.2 J	< 0.28 UJ	< 0.28 UJ	0.51 J	< 0.28 UJ	1.5 J	1.6 J	2.9 J	57	110
OA2301201313-15	12	16	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	2.6 J	1.8 J	6.0 J	1.9 J	3.3 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	1.9 J	< 0.30 UJ	1.2 J	76	150
OA2301201317-19	16	20	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	3.0 J	2.3 J	7.5 J	2.3 J	4.1 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	1.8 J	1.6 J	1.6 J	100	210
OA2301201321-23	20	24	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	3.3 J	1.7 J	11 J	2.4 J	4.6 J	< 0.31 UJ	2.7 J	1.5 J	0.96 J	2.5 J	1.7 J	2.1 J	130	250
OA2301201325-27	24	28	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	7.4 J	4.1 J	19 J	3.9 J	9.0 J	< 0.31 UJ	< 0.31 UJ	1.8 J	1.7 J	4.8 J	2.4 J	3.8 J	270	520
OA2301201329-31	28	32	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	5.9 J	3.1 J	18 J	3.7 J	7.9 J	< 0.31 UJ	< 0.31 UJ	2.0 J	< 0.31 UJ	3.7 J	2.0 J	2.6 J	220	420
OA2301201333-35	32	36	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.9 J	2.6 J	11 J	2.3 J	5.2 J	< 0.29 UJ	2.8 J	< 0.29 UJ	1.0 J	3.3 J	1.8 J	2.6 J	160	290
OA2301201337-39	36	40	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.9 J	2.1 J	12 J	2.2 J	4.6 J	< 0.29 UJ	2.7 J	< 0.29 UJ	0.51 J	2.8 J	1.7 J	2.3 J	150	300
OA2301201341-43	40	44	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.5 J	0.76 J	3.6 J	0.85 J	2.1 J	< 0.29 UJ	0.37 J	< 0.29 UJ	< 0.29 UJ	1.0 J	0.51 J	1.2 J	59	110
OA2301201345-47	44	48	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.82 J	< 0.28 UJ	2.1 J	0.55 J	0.87 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.95 J	< 0.28 UJ	0.80 J	28	55

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 31 - PCB Results for Core OA24
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>005/008</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>66</i>	<i>70</i>	<i>74</i>	<i>77</i>	<i>81</i>	<i>87</i>	<i>99</i>
Outfall ID OA24 (SDG 1790)																	
OA2401201301	0	2	0.55 J	< 0.29 UJ	3.1 J	1.8 J	< 0.29 UJ	5.4 J	3.9 J	5.9 J	8.8 J	7.8 J	3.7 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	6.6 J
OA2401201303	2	4	1.0 J	2.3 J	6.1 J	3.7 J	< 0.30 UJ	12 J	8.5 J	12 J	18 J	14 J	7.2 J	2.1 J	< 0.30 UJ	< 0.30 UJ	11 J
OA2401201305	4	6	1.7 J	< 0.29 UJ	10 J	6.0 J	2.1 J	18 J	14 J	20 J	32 J	24 J	13 J	4.9 J	< 0.29 UJ	< 0.29 UJ	18 J
OA2401201307	6	8	4.4 J	13 J	30 J	17 J	5.7 J	58 J	39 J	65 J	82 J	73 J	35 J	10 J	< 0.31 UJ	< 0.31 UJ	42 J
OA2401201309-11	8	12	4.0 J	8.7 J	20 J	10 J	3.4 J	38 J	28 J	43 J	57 J	46 J	23 J	8.0 J	< 0.28 UJ	< 0.28 UJ	31 J
OA2401201313-15	12	16	1.4 J	2.5 J	3.9 J	2.0 J	< 0.27 UJ	7.3 J	5.7 J	7.8 J	9.5 J	7.8 J	4.2 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	6.6 J
OA2401201317-19	16	20	1.1 J	2.3 J	4.7 J	1.7 J	< 0.28 UJ	7.3 J	5.6 J	8.0 J	11 J	9.0 J	4.9 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	7.3 J

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 31 - PCB Results for Core OA24
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA24 (SDG 1790)																	
OA2401201301	0	2	12 J	5.9 J	12 J	< 0.29 UJ	12 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.1 J	14 J	13 J	7.3 J	1.9 J	2.0 J	< 0.29 UJ
OA2401201303	2	4	20 J	12 J	21 J	< 0.30 UJ	19 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	4.1 J	24 J	21 J	12 J	3.2 J	2.3 J	< 0.30 UJ
OA2401201305	4	6	35 J	19 J	36 J	< 0.29 UJ	35 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	6.8 J	42 J	35 J	22 J	6.1 J	4.5 J	< 0.29 UJ
OA2401201307	6	8	93 J	45 J	96 J	< 0.31 UJ	87 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	16 J	100 J	87 J	57 J	15 J	9.8 J	< 0.31 UJ
OA2401201309-11	8	12	66 J	30 J	65 J	< 0.28 UJ	61 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	12 J	71 J	60 J	39 J	10 J	6.1 J	< 0.28 UJ
OA2401201313-15	12	16	12 J	5.0 J	13 J	< 0.27 UJ	11 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.3 J	15 J	12 J	8.4 J	2.4 J	1.5 J	< 0.27 UJ
OA2401201317-19	16	20	14 J	7.2 J	14 J	< 0.28 UJ	14 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.2 J	16 J	13 J	8.7 J	2.4 J	1.5 J	< 0.28 UJ

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 31 - PCB Results for Core OA24
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA24 (SDG 1790)																			
OA2401201301	0	2	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.3 J	1.7 J	5.8 J	1.6 J	3.2 J	< 0.29 UJ	2.0 J	0.79 J	< 0.29 UJ	1.6 J	1.3 J	1.2 J	75	150
OA2401201303	2	4	0.51 J	< 0.30 UJ	< 0.30 UJ	6.2 J	2.6 J	9.8 J	2.7 J	5.2 J	< 0.30 UJ	2.8 J	1.0 J	0.49 J	2.8 J	2.0 J	1.7 J	140	270
OA2401201305	4	6	0.73 J	< 0.29 UJ	< 0.29 UJ	9.5 J	4.7 J	19 J	4.5 J	9.4 J	< 0.29 UJ	5.2 J	1.6 J	0.77 J	4.4 J	3.2 J	2.9 J	230	470
OA2401201307	6	8	2.2 J	< 0.31 UJ	< 0.31 UJ	20 J	10 J	40 J	10 J	21 J	< 0.31 UJ	10 J	3.7 J	1.7 J	9.3 J	6.1 J	4.4 J	610	1,200
OA2401201309-11	8	12	1.5 J	< 0.28 UJ	< 0.28 UJ	16 J	7.7 J	28 J	6.9 J	15 J	< 0.28 UJ	7.3 J	2.6 J	1.0 J	6.8 J	5.1 J	3.7 J	420	840
OA2401201313-15	12	16	0.34 J	< 0.27 UJ	< 0.27 UJ	3.8 J	1.7 J	6.0 J	1.7 J	3.3 J	< 0.27 UJ	1.9 J	< 0.27 UJ	0.35 J	1.7 J	1.5 J	1.4 J	80	160
OA2401201317-19	16	20	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	4.1 J	2.0 J	6.4 J	1.7 J	3.6 J	< 0.28 UJ	1.7 J	< 0.28 UJ	0.43 J	1.8 J	1.4 J	1.4 J	89	180

Abbreviations
cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes
1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers
< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 32 - PCB Results for Core OA25
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>															
			<i>005/008</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>66</i>	<i>70</i>	<i>74</i>	<i>77</i>	<i>81</i>	<i>87</i>	<i>99</i>
Outfall ID OA25 (SDG 1787)																	
OA2501201301	0	2	0.32 J	< 0.32 UJ	0.97 J	0.93 J	0.64 J	2.0 J	1.2 J	1.8 J	2.5 J	2.3 J	1.2 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	1.8 J
OA2501201303	2	4	0.28 J	< 0.29 UJ	0.94 J	0.63 J	0.51 J	1.4 J	0.95 J	1.5 J	2.6 J	2.1 J	1.3 J	0.61 J	< 0.29 UJ	< 0.29 UJ	2.1 J
OA2501201305	4	6	0.24 J	< 0.28 UJ	1.0 J	0.58 J	0.44 J	1.4 J	1.2 J	1.5 J	2.4 J	2.0 J	1.1 J	0.59 J	< 0.28 UJ	< 0.28 UJ	1.6 J
OA2501201307	6	8	0.23 J	0.76 J	1.1 J	0.76 J	0.49 J	1.3 J	1.1 J	2.0 J	2.3 J	2.3 J	0.94 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.9 J
OA2501201309-11	8	12	0.40 J	< 0.28 UJ	1.1 J	1.4 J	1.0 J	2.2 J	1.4 J	2.1 J	3.2 J	2.9 J	1.4 J	0.59 J	< 0.28 UJ	< 0.28 UJ	2.4 J
OA2501201313-15	12	16	0.50 J	1.2 J	2.0 J	1.3 J	0.72 J	3.1 J	2.2 J	3.4 J	5.1 J	4.5 J	2.2 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.6 J
OA2501201317-19	16	20	0.63 J	2.0 J	2.4 J	2.1 J	0.99 J	3.9 J	2.7 J	4.0 J	6.4 J	5.3 J	2.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	4.0 J
OA2501201321-23	20	24	0.75 J	2.7 J	3.1 J	2.1 J	1.1 J	4.9 J	3.3 J	5.0 J	7.9 J	6.7 J	3.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	4.8 J
OA2501201325-27	24	28	2.4 J	7.3 J	10 J	9.7 J	4.6 J	20 J	16 J	23 J	27 J	29 J	13 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	18 J
OA2501201329-31	28	32	1.0 J	3.4 J	3.6 J	2.7 J	1.1 J	5.9 J	4.0 J	6.4 J	8.2 J	7.5 J	3.3 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	5.5 J
OA2501201333-35	32	36	0.45 J	1.2 J	1.7 J	1.3 J	0.38 J	2.1 J	1.8 J	2.5 J	3.2 J	2.9 J	1.5 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.5 J

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 32 - PCB Results for Core OA25
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA25 (SDG 1787)																	
OA2501201301	0	2	3.4 J	2.6 J	3.1 J	< 0.32 UJ	4.0 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	0.81 J	4.5 J	3.8 J	2.2 J	0.65 J	0.67 J	< 0.32 UJ
OA2501201303	2	4	3.4 J	2.4 J	2.8 J	< 0.29 UJ	3.6 J	< 0.29 UJ	3.5 J	< 0.29 UJ	0.66 J	4.0 J	4.1 J	1.9 J	0.59 J	0.53 J	< 0.29 UJ
OA2501201305	4	6	2.8 J	2.2 J	3.1 J	< 0.28 UJ	3.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.65 J	4.1 J	3.7 J	2.1 J	0.63 J	0.41 J	< 0.28 UJ
OA2501201307	6	8	3.2 J	2.2 J	3.7 J	< 0.27 UJ	3.3 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	4.0 J	3.6 J	1.9 J	0.49 J	0.59 J	< 0.27 UJ
OA2501201309-11	8	12	4.0 J	2.5 J	4.1 J	< 0.28 UJ	4.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J	5.3 J	4.7 J	2.5 J	0.73 J	0.54 J	< 0.28 UJ
OA2501201313-15	12	16	6.3 J	4.2 J	5.9 J	< 0.28 UJ	6.3 J	< 0.28 UJ	0.78 J	< 0.28 UJ	1.1 J	8.0 J	6.7 J	4.2 J	1.0 J	0.94 J	< 0.28 UJ
OA2501201317-19	16	20	7.7 J	3.8 J	7.6 J	< 0.28 UJ	8.9 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J	9.2 J	7.8 J	4.7 J	1.1 J	< 0.28 UJ	< 0.28 UJ
OA2501201321-23	20	24	9.8 J	6.8 J	8.6 J	< 0.28 UJ	9.1 J	< 0.28 UJ	1.6 J	< 0.28 UJ	1.9 J	11 J	8.9 J	5.4 J	1.4 J	1.2 J	< 0.28 UJ
OA2501201325-27	24	28	37 J	19 J	35 J	< 0.30 UJ	40 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	6.9 J	42 J	36 J	21 J	5.8 J	3.7 J	< 0.30 UJ
OA2501201329-31	28	32	10 J	5.4 J	10 J	< 0.27 UJ	9.9 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.4 J	11 J	9.8 J	5.4 J	1.8 J	1.0 J	< 0.27 UJ
OA2501201333-35	32	36	4.1 J	2.4 J	3.8 J	< 0.28 UJ	4.0 J	0.21 J	< 0.28 UJ	< 0.28 UJ	0.76 J	4.5 J	4.1 J	2.2 J	0.76 J	0.61 J	< 0.28 UJ

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 32 - PCB Results for Core OA25
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA25 (SDG 1787)																			
OA2501201301	0	2	0.36 J	< 0.32 UJ	< 0.32 UJ	0.90 J	0.60 J	2.0 J	0.32 J	1.2 J	< 0.32 UJ	0.41 J	< 0.32 UJ	< 0.32 UJ	0.78 J	< 0.32 UJ	0.36 J	23	48
OA2501201303	2	4	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.1 J	0.66 J	1.8 J	0.47 J	0.97 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.18 J	0.72 J	< 0.29 UJ	< 0.29 UJ	26	48
OA2501201305	4	6	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.73 J	0.70 J	1.8 J	0.45 J	0.96 J	< 0.28 UJ	0.79 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.49 J	< 0.28 UJ	21	43
OA2501201307	6	8	< 0.27 UJ	< 0.27 UJ	0.23 J	0.83 J	0.62 J	1.8 J	0.54 J	1.1 J	< 0.27 UJ	0.44 J	< 0.27 UJ	< 0.27 UJ	0.55 J	< 0.27 UJ	0.58 J	22	45
OA2501201309-11	8	12	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J	0.76 J	1.8 J	0.60 J	1.2 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.23 J	0.66 J	< 0.28 UJ	< 0.28 UJ	27	57
OA2501201313-15	12	16	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.3 J	1.1 J	3.7 J	1.0 J	1.8 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.86 J	0.72 J	1.1 J	43	87
OA2501201317-19	16	20	0.43 J	< 0.28 UJ	< 0.28 UJ	1.3 J	0.95 J	3.8 J	1.1 J	2.0 J	< 0.28 UJ	1.4 J	< 0.28 UJ	< 0.28 UJ	0.81 J	< 0.28 UJ	0.81 J	48	100
OA2501201321-23	20	24	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.8 J	1.4 J	5.1 J	1.1 J	2.4 J	< 0.28 UJ	1.2 J	1.0 J	< 0.28 UJ	1.2 J	< 0.28 UJ	1.2 J	65	130
OA2501201325-27	24	28	1.7 J	< 0.30 UJ	2.0 J	6.3 J	4.2 J	17 J	4.1 J	8.0 J	< 0.30 UJ	2.7 J	1.7 J	0.79 J	4.3 J	3.1 J	3.4 J	230	490
OA2501201329-31	28	32	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.8 J	1.4 J	5.3 J	1.4 J	2.3 J	< 0.27 UJ	1.1 J	0.50 J	< 0.27 UJ	1.2 J	0.97 J	1.2 J	68	140
OA2501201333-35	32	36	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.1 J	0.40 J	1.1 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.41 J	< 0.28 UJ	0.59 J	26	54

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 33 - PCB Results for Core OA26
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA26 (SDG 1788)																	
OA2601201301	0	2	4.8 J	22 J	34 J	36 J	11 J	63 J	41 J	68 J	83 J	93 J	46 J	14 J	< 0.40 UJ	< 0.40 UJ	42 J
OA2601201303	2	4	4.7 J	21 J	35 J	34 J	10 J	61 J	41 J	64 J	76 J	92 J	43 J	14 J	< 0.36 UJ	< 0.36 UJ	42 J
OA2601201305	4	6	6.2 J	26 J	38 J	40 J	9.9 J	64 J	41 J	68 J	77 J	86 J	43 J	12 J	< 0.69 UJ	< 0.69 UJ	37 J
OA2601201307	6	8	7.7 J	36 J	49 J	49 J	15 J	84 J	54 J	86 J	93 J	120 J	58 J	18 J	< 0.72 UJ	< 0.72 UJ	51 J
OA2601201309-11	8	12	11 J	41 J	53 J	62 J	17 J	110 J	62 J	110 J	130 J	140 J	72 J	23 J	< 0.76 UJ	< 0.76 UJ	66 J
OA2601201313-15	12	16	69 J	240 J	310 J	340 J	100 J	590 J	400 J	620 J	600 J	750 J	390 J	97 J	< 0.91 UJ	< 0.91 UJ	280 J
OA2601201317-19	16	20	120 J	350 J	380 J	450 J	110 J	720 J	450 J	730 J	800 J	930 J	470 J	110 J	< 0.96 UJ	< 0.96 UJ	370 J
OA2601201321-23	20	24	99 J	590 J	590 J	770 J	160 J	1,700 J	760 J	1,500 J	1,600 J	2,100 J	730 J	160 J	< 1.0 UJ	< 1.0 UJ	490 J
OA2601201325-27	24	28	54 J	230 J	230 J	430 J	78 J	480 J	280 J	510 J	470 J	640 J	280 J	87 J	< 0.90 UJ	< 0.90 UJ	240 J
OA2601201329-31	28	32	48 J	240 J	240 J	310 J	80 J	500 J	290 J	530 J	480 J	660 J	290 J	90 J	< 0.93 UJ	< 0.93 UJ	240 J
OA2601201333-35	32	36	21 J	130 J	120 J	170 J	49 J	260 J	140 J	280 J	270 J	360 J	160 J	48 J	< 4.2 UJ	< 4.2 UJ	150 J
OA2601201337-39	36	40	26 J	150 J	150 J	210 J	56 J	320 J	190 J	340 J	310 J	430 J	190 J	70 J	< 5.0 UJ	< 5.0 UJ	170 J
OA2601201341-43	40	44	29 J	140 J	150 J	210 J	65 J	340 J	190 J	370 J	320 J	470 J	200 J	77 J	< 5.2 UJ	< 5.2 UJ	200 J
OA2601201345-47	44	48	11 J	54 J	63 J	89 J	26 J	140 J	86 J	150 J	150 J	190 J	88 J	29 J	< 0.79 UJ	< 0.79 UJ	88 J
OA2601201349-51	48	52	3.0 J	16 J	15 J	20 J	6.0 J	28 J	17 J	33 J	29 J	36 J	17 J	5.9 J	< 0.64 UJ	< 0.64 UJ	16 J
OA2601201353-55	52	56	< 0.58 UJ	1.4 J	1.3 J	1.4 J	< 0.29 UJ	1.7 J	1.1 J	2.2 J	1.8 J	2.3 J	1.3 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.1 J
OA2601201357-59	56	60	< 1.2 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	0.42 J	0.51 J	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	0.71 J
OA2601201361-63	60	64	5.0 J	25 J	29 J	33 J	8.7 J	50 J	33 J	57 J	57 J	69 J	32 J	11 J	< 0.62 UJ	< 0.62 UJ	30 J
OA2601201365-67	64	68	0.54 J	2.2 J	2.3 J	2.8 J	0.82 J	4.2 J	2.7 J	4.7 J	4.5 J	5.8 J	2.9 J	0.63 J	< 0.27 UJ	< 0.27 UJ	2.5 J
OA2601201369-71	68	72	0.60 J	3.7 J	3.8 J	4.6 J	1.5 J	7.2 J	4.5 J	8.0 J	7.8 J	10 J	4.7 J	1.2 J	< 0.28 UJ	< 0.28 UJ	3.8 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 33 - PCB Results for Core OA26
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA26 (SDG 1788)																	
OA2601201301	0	2	89 J	45 J	88 J	< 0.40 UJ	87 J	< 0.40 UJ	< 0.40 UJ	< 0.40 UJ	16 J	82 J	80 J	47 J	12 J	9.6 J	< 0.40 UJ
OA2601201303	2	4	87 J	44 J	85 J	< 0.36 UJ	87 J	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	17 J	81 J	80 J	48 J	12 J	9.3 J	< 0.36 UJ
OA2601201305	4	6	82 J	39 J	76 J	< 0.69 UJ	75 J	< 0.69 UJ	< 0.69 UJ	< 0.69 UJ	13 J	70 J	68 J	44 J	10 J	7.7 J	< 0.69 UJ
OA2601201307	6	8	110 J	60 J	110 J	< 0.72 UJ	110 J	< 0.72 UJ	< 0.72 UJ	< 0.72 UJ	23 J	120 J	110 J	73 J	16 J	13 J	< 0.72 UJ
OA2601201309-11	8	12	140 J	70 J	140 J	< 0.76 UJ	140 J	< 0.76 UJ	< 0.76 UJ	< 0.76 UJ	25 J	130 J	120 J	78 J	19 J	16 J	< 0.76 UJ
OA2601201313-15	12	16	640 J	300 J	610 J	< 0.91 UJ	550 J	< 0.91 UJ	< 0.91 UJ	< 0.91 UJ	95 J	480 J	500 J	310 J	79 J	61 J	< 0.91 UJ
OA2601201317-19	16	20	860 J	350 J	790 J	< 0.96 UJ	680 J	< 0.96 UJ	< 0.96 UJ	< 0.96 UJ	110 J	600 J	600 J	400 J	100 J	67 J	< 0.96 UJ
OA2601201321-23	20	24	1,000 J	520 J	1,500 J	< 1.0 UJ	1,000 J	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	150 J	770 J	800 J	500 J	120 J	99 J	< 1.0 UJ
OA2601201325-27	24	28	580 J	260 J	600 J	< 0.90 UJ	530 J	< 0.90 UJ	< 0.90 UJ	< 0.90 UJ	100 J	720 J	490 J	300 J	79 J	53 J	< 0.90 UJ
OA2601201329-31	28	32	600 J	270 J	620 J	< 0.93 UJ	550 J	< 0.93 UJ	< 0.93 UJ	< 0.93 UJ	110 J	500 J	510 J	310 J	82 J	55 J	< 0.93 UJ
OA2601201333-35	32	36	350 J	140 J	290 J	< 4.2 UJ	260 J	< 4.2 UJ	< 4.2 UJ	< 4.2 UJ	47 J	300 J	270 J	170 J	44 J	37 J	< 4.2 UJ
OA2601201337-39	36	40	400 J	180 J	390 J	< 5.0 UJ	370 J	< 5.0 UJ	< 5.0 UJ	< 5.0 UJ	74 J	380 J	360 J	240 J	67 J	42 J	< 5.0 UJ
OA2601201341-43	40	44	500 J	220 J	470 J	< 5.2 UJ	440 J	< 5.2 UJ	< 5.2 UJ	< 5.2 UJ	85 J	510 J	500 J	310 J	83 J	55 J	< 5.2 UJ
OA2601201345-47	44	48	200 J	94 J	200 J	< 0.79 UJ	190 J	< 0.79 UJ	< 0.79 UJ	< 0.79 UJ	34 J	200 J	190 J	120 J	30 J	20 J	< 0.79 UJ
OA2601201349-51	48	52	37 J	17 J	35 J	< 0.64 UJ	34 J	< 0.64 UJ	< 0.64 UJ	< 0.64 UJ	6.2 J	34 J	32 J	21 J	5.1 J	3.4 J	< 0.64 UJ
OA2601201353-55	52	56	2.6 J	1.4 J	2.3 J	< 0.29 UJ	2.4 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.5 J	2.3 J	1.5 J	0.56 J	< 0.29 UJ	< 0.29 UJ
OA2601201357-59	56	60	0.99 J	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 1.2 UJ	< 1.2 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ
OA2601201361-63	60	64	70 J	34 J	64 J	< 0.62 UJ	62 J	< 0.62 UJ	< 0.62 UJ	< 0.62 UJ	10 J	58 J	58 J	31 J	8.8 J	7.4 J	< 0.62 UJ
OA2601201365-67	64	68	5.5 J	2.9 J	5.1 J	< 0.27 UJ	5.5 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.0 J	4.9 J	4.6 J	2.9 J	0.75 J	0.73 J	< 0.27 UJ
OA2601201369-71	68	72	8.0 J	4.4 J	7.8 J	< 0.28 UJ	7.6 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J	6.6 J	6.2 J	3.9 J	0.99 J	0.91 J	< 0.28 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 33 - PCB Results for Core OA26
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA26 (SDG 1788)																			
OA2601201301	0	2	2.2 J	< 0.40 UJ	< 0.40 UJ	18 J	8.8 J	37 J	8.8 J	18 J	< 0.40 UJ	8.1 J	4.0 J	1.3 J	8.0 J	4.4 J	4.7 J	610	1,200
OA2601201303	2	4	2.0 J	< 0.36 UJ	< 0.36 UJ	18 J	8.2 J	36 J	8.4 J	17 J	< 0.36 UJ	8.5 J	4.4 J	1.4 J	8.4 J	5.3 J	4.9 J	600	1,200
OA2601201305	4	6	1.9 J	< 0.69 UJ	< 0.69 UJ	16 J	6.8 J	29 J	7.7 J	14 J	< 0.69 UJ	8.0 J	4.1 J	1.6 J	7.5 J	4.6 J	5.9 J	570	1,100
OA2601201307	6	8	2.5 J	< 0.72 UJ	< 0.72 UJ	30 J	12 J	55 J	14 J	24 J	< 0.72 UJ	11 J	7.2 J	2.3 J	13 J	10 J	8.5 J	820	1,700
OA2601201309-11	8	12	< 0.76 UJ	< 0.76 UJ	< 0.76 UJ	27 J	12 J	59 J	14 J	28 J	< 0.76 UJ	12 J	7.9 J	2.0 J	14 J	6.3 J	11 J	980	2,000
OA2601201313-15	12	16	13 J	< 0.91 UJ	< 0.91 UJ	130 J	50 J	220 J	51 J	120 J	< 0.91 UJ	50 J	22 J	9.6 J	55 J	30 J	42 J	4,600	9,200
OA2601201317-19	16	20	17 J	< 0.96 UJ	< 0.96 UJ	140 J	60 J	280 J	62 J	140 J	< 0.96 UJ	68 J	31 J	9.4 J	69 J	36 J	31 J	5,800	11,000
OA2601201321-23	20	24	30 J	< 1.0 UJ	< 1.0 UJ	170 J	66 J	300 J	72 J	130 J	< 1.0 UJ	78 J	34 J	13 J	77 J	42 J	34 J	9,400	19,000
OA2601201325-27	24	28	14 J	< 0.90 UJ	< 0.90 UJ	93 J	47 J	210 J	49 J	93 J	< 0.90 UJ	43 J	34 J	7.5 J	79 J	24 J	25 J	4,000	8,400
OA2601201329-31	28	32	14 J	< 0.93 UJ	< 0.93 UJ	96 J	49 J	220 J	51 J	96 J	< 0.93 UJ	45 J	21 J	7.7 J	51 J	25 J	19 J	4,100	8,300
OA2601201333-35	32	36	6.3 J	< 4.2 UJ	< 4.2 UJ	84 J	33 J	150 J	34 J	70 J	< 4.2 UJ	36 J	< 4.2 UJ	< 4.2 UJ	40 J	17 J	11 J	2,300	4,500
OA2601201337-39	36	40	7.9 J	< 5.0 UJ	< 5.0 UJ	91 J	43 J	190 J	44 J	96 J	< 5.0 UJ	40 J	29 J	7.6 J	48 J	34 J	17 J	2,900	5,800
OA2601201341-43	40	44	9.0 J	< 5.2 UJ	< 5.2 UJ	120 J	57 J	260 J	59 J	110 J	< 5.2 UJ	57 J	29 J	8.3 J	57 J	37 J	36 J	3,400	6,800
OA2601201345-47	44	48	4.7 J	< 0.79 UJ	< 0.79 UJ	41 J	20 J	88 J	21 J	41 J	< 0.79 UJ	17 J	9.4 J	3.5 J	20 J	12 J	13 J	1,300	2,700
OA2601201349-51	48	52	0.68 J	< 0.64 UJ	< 0.64 UJ	9.2 J	3.5 J	16 J	3.7 J	7.6 J	< 0.64 UJ	4.9 J	2.2 J	0.63 J	4.6 J	3.7 J	3.3 J	270	530
OA2601201353-55	52	56	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.2 J	< 0.29 UJ	0.72 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.77 J	1.5 J	19	35
OA2601201357-59	56	60	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	< 0.58 UJ	1.4	2.6
OA2601201361-63	60	64	1.2 J	< 0.62 UJ	< 0.62 UJ	12 J	5.8 J	25 J	5.9 J	11 J	< 0.62 UJ	6.8 J	4.0 J	0.98 J	6.3 J	3.2 J	2.3 J	470	930
OA2601201365-67	64	68	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.2 J	0.61 J	2.1 J	0.51 J	0.99 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.75 J	38	77
OA2601201369-71	68	72	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.7 J	0.79 J	3.0 J	0.63 J	1.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.82 J	< 0.28 UJ	0.64 J	59	120

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 34 - PCB Results for Core OA27
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>005/008</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>66</i>	<i>70</i>	<i>74</i>	<i>77</i>	<i>81</i>	<i>87</i>	<i>99</i>
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Outfall ID OA27 (SDG 1793)

OA2701201301	0	2	1.7 J	11 J	21 J	19 J	7.6 J	39 J	28 J	48 J	58 J	62 J	29 J	12 J	< 0.39 UJ	< 0.39 UJ	34 J
OA2701201303	2	4	3.5 J	12 J	22 J	18 J	6.2 J	37 J	25 J	42 J	53 J	56 J	27 J	9.4 J	< 0.63 UJ	< 0.63 UJ	33 J
OA2701201305	4	6	1.0 J	2.6 J	5.7 J	4.6 J	2.1 J	10 J	6.3 J	13 J	16 J	15 J	7.6 J	2.8 J	< 0.29 UJ	< 0.29 UJ	9.7 J
OA2701201307	6	8	0.68 J	2.0 J	2.8 J	2.3 J	1.9 J	4.4 J	2.9 J	5.2 J	6.3 J	6.2 J	3.1 J	1.4 J	< 0.28 UJ	< 0.28 UJ	3.9 J
OA2701201309-11	8	12	0.63 J	1.9 J	3.2 J	2.3 J	1.2 J	5.2 J	2.8 J	5.9 J	6.8 J	6.7 J	3.4 J	1.6 J	< 0.27 UJ	< 0.27 UJ	4.4 J
OA2701201313-15	12	16	< 0.98 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ
OA2701201317-19	16	20	< 1.7 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	0.96 J	0.58 J	0.78 J	0.94 J	1.2 J	0.61 J	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	0.62 J
OA2701201321-23	20	24	< 0.78 UJ	< 0.39 UJ	0.39 J	0.21 J	< 0.39 UJ	0.67 J	< 0.39 UJ	0.73 J	0.54 J	0.18 J	< 0.39 UJ	0.44 J	< 0.39 UJ	< 0.39 UJ	< 0.39 UJ
OA2701201325-27	24	28	< 0.83 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 34 - PCB Results for Core OA27
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA27 (SDG 1793)																	
OA2701201301	0	2	72 J	42 J	71 J	< 0.39 UJ	72 J	< 0.39 UJ	< 0.39 UJ	< 0.39 UJ	15 J	91 J	80 J	47 J	12 J	8.9 J	< 0.39 UJ
OA2701201303	2	4	66 J	39 J	65 J	< 0.63 UJ	67 J	< 0.63 UJ	< 0.63 UJ	< 0.63 UJ	16 J	84 J	71 J	43 J	12 J	8.6 J	< 0.63 UJ
OA2701201305	4	6	20 J	11 J	19 J	< 0.29 UJ	19 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	4.4 J	24 J	21 J	12 J	3.4 J	2.4 J	< 0.29 UJ
OA2701201307	6	8	8.1 J	4.5 J	7.3 J	< 0.28 UJ	7.2 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J	9.3 J	8.2 J	4.9 J	1.6 J	1.0 J	< 0.28 UJ
OA2701201309-11	8	12	8.7 J	4.0 J	8.0 J	< 0.27 UJ	7.9 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.7 J	10 J	8.9 J	5.6 J	1.4 J	1.3 J	< 0.27 UJ
OA2701201313-15	12	16	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.98 UJ	< 0.98 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ
OA2701201317-19	16	20	1.2 J	1.2 J	1.4 J	< 0.84 UJ	1.6 J	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	1.8 J	1.3 J	0.94 J	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ
OA2701201321-23	20	24	0.40 J	0.56 J	0.16 J	< 0.39 UJ	0.54 J	< 0.39 UJ	< 0.39 UJ	0.45 J	0.32 J	0.68 J	0.50 J	< 0.39 UJ	< 0.39 UJ	< 0.39 UJ	< 0.39 UJ
OA2701201325-27	24	28	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	0.24 J	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.83 UJ	0.21 J	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 34 - PCB Results for Core OA27
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA27 (SDG 1793)																			
OA2701201301	0	2	2.4 J	< 0.39 UJ	< 0.39 UJ	22 J	11 J	44 J	9.5 J	21 J	< 0.39 UJ	10 J	3.6 J	1.9 J	9.7 J	7.1 J	4.4 J	510	1,000
OA2701201303	2	4	2.1 J	< 0.63 UJ	< 0.63 UJ	20 J	9.5 J	39 J	9.8 J	18 J	< 0.63 UJ	11 J	3.2 J	2.0 J	8.2 J	7.5 J	4.5 J	470	950
OA2701201305	4	6	0.55 J	< 0.29 UJ	< 0.29 UJ	5.5 J	3.1 J	10 J	2.5 J	5.5 J	< 0.29 UJ	2.9 J	0.83 J	< 0.29 UJ	2.5 J	1.9 J	1.7 J	130	270
OA2701201307	6	8	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.9 J	1.2 J	4.2 J	1.1 J	2.2 J	< 0.28 UJ	1.8 J	< 0.28 UJ	< 0.28 UJ	1.1 J	1.3 J	0.82 J	57	110
OA2701201309-11	8	12	0.22 J	< 0.27 UJ	< 0.27 UJ	2.4 J	1.2 J	4.7 J	1.1 J	2.2 J	< 0.27 UJ	1.5 J	< 0.27 UJ	< 0.27 UJ	1.2 J	1.1 J	0.63 J	60	120
OA2701201313-15	12	16	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	< 0.49 UJ	ND	ND
OA2701201317-19	16	20	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	6.4	15
OA2701201321-23	20	24	< 0.39 UJ	< 0.39 UJ	< 0.39 UJ	0.45 J	< 0.39 UJ	0.47 J	< 0.39 UJ	0.40 J	< 0.39 UJ	< 0.39 UJ	0.53 J	0.41 J	< 0.39 UJ	0.55 J	0.40 J	7.8	10.0
OA2701201325-27	24	28	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	0.21	0.45

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
UJ - Not detected
UJ - At an estimated reporting limit

Table 35 - PCB Results for Core OA28
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA28 (SDG 1777)																	
OA2801201301	0	2	0.69 J	3.0 J	5.4 J	4.3 J	2.0 J	9.7 J	6.8 J	9.9 J	16 J	16 J	7.6 J	3.5 J	< 0.35 UJ	< 0.35 UJ	10 J
OA2801201303	2	4	1.6 J	3.7 J	11 J	7.9 J	4.3 J	17 J	12 J	20 J	30 J	31 J	14 J	4.5 J	< 0.36 UJ	< 0.36 UJ	17 J
OA2801201305	4	6	2.5 J	9.4 J	13 J	12 J	5.4 J	29 J	19 J	30 J	45 J	42 J	20 J	6.2 J	< 0.35 UJ	< 0.35 UJ	25 J
OA2801201307	6	8	8.5 J	20 J	47 J	33 J	13 J	93 J	56 J	98 J	120 J	120 J	56 J	22 J	< 0.41 UJ	< 0.41 UJ	82 J
OA2801201309-11	8	12	14 J	60 J	76 J	71 J	12 J	140 J	84 J	140 J	180 J	170 J	84 J	27 J	< 0.39 UJ	< 0.39 UJ	99 J
OA2801201313-15	12	16	21 J	100 J	140 J	160 J	19 J	320 J	160 J	320 J	340 J	380 J	180 J	47 J	< 0.42 UJ	< 0.42 UJ	180 J
OA2801201317-19	16	20	13 J	68 J	97 J	110 J	17 J	210 J	110 J	240 J	240 J	270 J	130 J	40 J	< 0.42 UJ	< 0.42 UJ	130 J
OA2801201321-23	20	24	7.4 J	39 J	49 J	63 J	13 J	120 J	64 J	120 J	130 J	150 J	69 J	18 J	< 0.34 UJ	< 0.34 UJ	61 J
OA2801201325-27	24	28	2.8 J	11 J	15 J	15 J	4.2 J	30 J	18 J	35 J	34 J	39 J	18 J	6.3 J	< 0.29 UJ	< 0.29 UJ	20 J
OA2801201329-31	28	32	1.2 J	2.4 J	2.9 J	2.5 J	< 0.27 UJ	4.4 J	2.9 J	5.7 J	5.3 J	5.6 J	2.6 J	0.76 J	< 0.27 UJ	< 0.27 UJ	3.3 J
OA2801201333-35	32	36	1.6 J	3.5 J	5.9 J	4.2 J	1.4 J	9.5 J	6.8 J	11 J	14 J	13 J	6.5 J	1.4 J	< 0.29 UJ	< 0.29 UJ	8.2 J
OA2801201337-39	36	40	1.4 J	3.2 J	6.4 J	4.9 J	1.5 J	11 J	8.0 J	12 J	16 J	16 J	7.4 J	2.3 J	< 0.29 UJ	< 0.29 UJ	9.7 J
OA2801201341-43	40	44	0.84 J	1.6 J	2.3 J	1.6 J	0.28 J	3.7 J	2.6 J	4.0 J	5.4 J	4.1 J	2.4 J	0.76 J	< 0.28 UJ	< 0.28 UJ	2.6 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 35 - PCB Results for Core OA28
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA28 (SDG 1777)																	
OA2801201301	0	2	21 J	13 J	19 J	< 0.35 UJ	22 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	4.0 J	24 J	23 J	14 J	3.4 J	3.0 J	< 0.35 UJ
OA2801201303	2	4	37 J	22 J	35 J	< 0.36 UJ	39 J	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	7.4 J	42 J	41 J	24 J	6.2 J	5.7 J	< 0.36 UJ
OA2801201305	4	6	55 J	35 J	51 J	< 0.35 UJ	59 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	11 J	62 J	59 J	37 J	9.4 J	6.4 J	< 0.35 UJ
OA2801201307	6	8	170 J	89 J	180 J	< 0.41 UJ	160 J	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	36 J	190 J	180 J	110 J	28 J	21 J	< 0.41 UJ
OA2801201309-11	8	12	250 J	100 J	200 J	< 0.39 UJ	180 J	< 0.39 UJ	< 0.39 UJ	< 0.39 UJ	40 J	270 J	240 J	160 J	43 J	27 J	< 0.39 UJ
OA2801201313-15	12	16	340 J	180 J	380 J	< 0.42 UJ	330 J	< 0.42 UJ	< 0.42 UJ	< 0.42 UJ	83 J	360 J	350 J	230 J	63 J	39 J	< 0.42 UJ
OA2801201317-19	16	20	270 J	140 J	310 J	< 0.42 UJ	270 J	< 0.42 UJ	< 0.42 UJ	< 0.42 UJ	52 J	330 J	300 J	210 J	54 J	34 J	< 0.42 UJ
OA2801201321-23	20	24	150 J	68 J	150 J	< 0.34 UJ	130 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	25 J	170 J	140 J	95 J	25 J	14 J	< 0.34 UJ
OA2801201325-27	24	28	45 J	20 J	45 J	< 0.29 UJ	41 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	7.7 J	50 J	43 J	28 J	7.8 J	4.4 J	< 0.29 UJ
OA2801201329-31	28	32	7.2 J	3.0 J	6.4 J	< 0.27 UJ	6.5 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.3 J	7.1 J	6.6 J	4.2 J	1.3 J	0.68 J	< 0.27 UJ
OA2801201333-35	32	36	17 J	8.3 J	16 J	< 0.29 UJ	16 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.9 J	17 J	15 J	10 J	2.5 J	1.9 J	< 0.29 UJ
OA2801201337-39	36	40	20 J	10 J	19 J	< 0.29 UJ	19 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.2 J	20 J	19 J	12 J	3.3 J	2.1 J	< 0.29 UJ
OA2801201341-43	40	44	5.7 J	2.7 J	4.8 J	< 0.28 UJ	4.9 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.71 J	5.1 J	4.6 J	3.6 J	0.86 J	0.53 J	< 0.28 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 35 - PCB Results for Core OA28
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA28 (SDG 1777)																			
OA2801201301	0	2	0.55 J	< 0.35 UJ	0.95 J	4.5 J	2.8 J	11 J	2.9 J	5.8 J	< 0.35 UJ	2.5 J	0.99 J	0.51 J	2.5 J	1.6 J	1.6 J	140	280
OA2801201303	2	4	0.98 J	< 0.36 UJ	< 0.36 UJ	7.0 J	4.9 J	20 J	4.7 J	9.7 J	< 0.36 UJ	4.2 J	2.1 J	0.93 J	4.4 J	2.4 J	2.8 J	240	500
OA2801201305	4	6	1.3 J	< 0.35 UJ	< 0.35 UJ	11 J	6.9 J	30 J	7.8 J	15 J	< 0.35 UJ	6.4 J	2.2 J	1.5 J	6.3 J	3.3 J	5.3 J	370	740
OA2801201307	6	8	7.0 J	< 0.41 UJ	< 0.41 UJ	35 J	18 J	82 J	18 J	38 J	< 0.41 UJ	16 J	6.7 J	3.2 J	16 J	8.2 J	8.8 J	1,100	2,200
OA2801201309-11	8	12	10 J	< 0.39 UJ	< 0.39 UJ	68 J	30 J	160 J	42 J	75 J	< 0.39 UJ	33 J	14 J	5.2 J	38 J	13 J	11 J	1,600	3,200
OA2801201313-15	12	16	34 J	< 0.42 UJ	< 0.42 UJ	74 J	34 J	160 J	38 J	72 J	< 0.42 UJ	30 J	11 J	5.7 J	35 J	18 J	10 J	2,600	5,200
OA2801201317-19	16	20	13 J	< 0.42 UJ	< 0.42 UJ	66 J	33 J	160 J	36 J	74 J	< 0.42 UJ	32 J	12 J	5.5 J	32 J	18 J	13 J	2,000	4,100
OA2801201321-23	20	24	5.9 J	< 0.34 UJ	< 0.34 UJ	33 J	17 J	70 J	17 J	37 J	< 0.34 UJ	15 J	5.3 J	2.7 J	15 J	11 J	5.9 J	1,000	2,100
OA2801201325-27	24	28	0.97 J	< 0.29 UJ	< 0.29 UJ	9.7 J	5.8 J	21 J	5.5 J	10 J	< 0.29 UJ	4.5 J	1.7 J	0.93 J	4.4 J	3.2 J	2.5 J	300	610
OA2801201329-31	28	32	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.5 J	0.88 J	3.3 J	0.71 J	1.7 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.62 J	0.63 J	48	93
OA2801201333-35	32	36	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.3 J	1.9 J	7.6 J	1.9 J	3.5 J	< 0.29 UJ	1.6 J	< 0.29 UJ	0.43 J	1.8 J	0.96 J	1.0 J	110	220
OA2801201337-39	36	40	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.3 J	1.9 J	8.9 J	2.3 J	4.5 J	< 0.29 UJ	1.9 J	< 0.29 UJ	0.49 J	2.0 J	1.0 J	1.1 J	120	250
OA2801201341-43	40	44	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.1 J	0.57 J	2.3 J	0.55 J	1.1 J	< 0.28 UJ	0.46 J	< 0.28 UJ	< 0.28 UJ	0.54 J	< 0.28 UJ	0.26 J	37	73

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 36 - PCB Results for Core OA29
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA29 (SDG 1808)																	
OA2901201301	0	2	2.0 J	5.3 J	16 J	10 J	7.1 J	26 J	16 J	31 J	40 J	38 J	19 J	7.3 J	< 0.90 UJ	< 0.90 UJ	23 J
OA2901201303	2	4	3.6 J	16 J	20 J	19 J	6.5 J	39 J	24 J	44 J	54 J	55 J	27 J	9.5 J	< 1.7 UJ	< 1.7 UJ	32 J
OA2901201305	4	6	13 J	63 J	100 J	84 J	22 J	200 J	120 J	240 J	270 J	270 J	130 J	45 J	< 0.84 UJ	< 0.84 UJ	160 J
OA2901201307	6	8	11 J	56 J	88 J	82 J	25 J	170 J	98 J	210 J	220 J	240 J	110 J	38 J	< 1.7 UJ	< 1.7 UJ	110 J
OA2901201309-11	8	12	11 J	77 J	100 J	100 J	32 J	220 J	130 J	240 J	240 J	300 J	140 J	45 J	< 1.8 UJ	< 1.8 UJ	130 J
OA2901201313-15	12	16	13 J	73 J	98 J	98 J	32 J	200 J	110 J	240 J	220 J	270 J	120 J	41 J	< 1.7 UJ	< 1.7 UJ	130 J
OA2901201317-19	16	20	1.6 J	8.0 J	11 J	11 J	3.5 J	20 J	13 J	25 J	24 J	30 J	13 J	4.6 J	< 0.30 UJ	< 0.30 UJ	15 J
OA2901201321-23	20	24	< 0.57 UJ	< 0.29 UJ	0.93 J	0.93 J	< 0.29 UJ	1.2 J	1.0 J	1.7 J	1.4 J	1.9 J	0.91 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.3 J
OA2901201325-27	24	28	0.37 J	1.0 J	2.0 J	1.6 J	< 0.29 UJ	3.4 J	2.3 J	4.0 J	4.7 J	4.5 J	2.4 J	1.1 J	< 0.29 UJ	< 0.29 UJ	2.8 J
OA2901201329-31	28	32	< 0.54 UJ	< 0.27 UJ	0.30 J	0.24 J	< 0.27 UJ	0.58 J	0.28 J	0.60 J	0.50 J	0.52 J	0.36 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.51 J
OA2901201333-35	32	36	< 0.54 UJ	< 0.27 UJ	0.63 J	0.42 J	< 0.27 UJ	1.0 J	0.69 J	1.1 J	1.4 J	1.2 J	0.68 J	0.20 J	< 0.27 UJ	< 0.27 UJ	0.83 J
OA2901201337-39	36	40	< 2.1 UJ	5.3 J	9.7 J	8.0 J	3.3 J	16 J	10 J	18 J	21 J	25 J	12 J	5.3 J	< 1.1 UJ	< 1.1 UJ	12 J
OA2901201341-43	40	44	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA2901201345-47	44	48	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA2901201349-51	48	52	< 0.53 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA2901201353-55	52	56	< 0.55 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.16 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.098 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 36 - PCB Results for Core OA29
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA29 (SDG 1808)																	
OA2901201301	0	2	48 J	27 J	47 J	< 0.90 UJ	47 J	< 0.90 UJ	< 0.90 UJ	< 0.90 UJ	9.6 J	58 J	51 J	29 J	8.1 J	6.2 J	< 0.90 UJ
OA2901201303	2	4	66 J	38 J	62 J	< 1.7 UJ	62 J	< 1.7 UJ	< 1.7 UJ	< 1.7 UJ	13 J	73 J	65 J	38 J	9.4 J	6.9 J	< 1.7 UJ
OA2901201305	4	6	310 J	160 J	320 J	< 0.84 UJ	290 J	< 0.84 UJ	< 0.84 UJ	< 0.84 UJ	58 J	460 J	370 J	260 J	75 J	35 J	< 0.84 UJ
OA2901201307	6	8	250 J	130 J	250 J	< 1.7 UJ	230 J	< 1.7 UJ	< 1.7 UJ	< 1.7 UJ	42 J	290 J	250 J	160 J	46 J	22 J	< 1.7 UJ
OA2901201309-11	8	12	300 J	140 J	300 J	< 1.8 UJ	270 J	< 1.8 UJ	< 1.8 UJ	< 1.8 UJ	49 J	330 J	280 J	190 J	51 J	27 J	< 1.8 UJ
OA2901201313-15	12	16	290 J	140 J	290 J	< 1.7 UJ	270 J	< 1.7 UJ	< 1.7 UJ	< 1.7 UJ	52 J	340 J	290 J	190 J	52 J	28 J	< 1.7 UJ
OA2901201317-19	16	20	35 J	16 J	34 J	< 0.30 UJ	32 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	6.4 J	41 J	34 J	24 J	6.8 J	3.1 J	< 0.30 UJ
OA2901201321-23	20	24	2.4 J	0.92 J	2.0 J	< 0.29 UJ	2.3 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.6 J	2.2 J	1.5 J	0.44 J	< 0.29 UJ	< 0.29 UJ
OA2901201325-27	24	28	5.2 J	2.4 J	5.4 J	< 0.29 UJ	5.2 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.95 J	5.7 J	4.7 J	3.0 J	0.83 J	0.59 J	< 0.29 UJ
OA2901201329-31	28	32	0.66 J	0.30 J	0.54 J	< 0.27 UJ	0.65 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.65 J	0.50 J	0.42 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA2901201333-35	32	36	1.5 J	0.68 J	1.6 J	< 0.27 UJ	1.5 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.28 J	1.5 J	1.2 J	0.81 J	0.19 J	0.15 J	< 0.27 UJ
OA2901201337-39	36	40	26 J	14 J	26 J	< 1.1 UJ	24 J	< 1.1 UJ	< 1.1 UJ	< 1.1 UJ	4.4 J	28 J	25 J	15 J	3.2 J	3.2 J	< 1.1 UJ
OA2901201341-43	40	44	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.54 UJ	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA2901201345-47	44	48	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.54 UJ	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA2901201349-51	48	52	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.53 UJ	< 0.53 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA2901201353-55	52	56	0.14 J	< 0.27 UJ	0.098 J	< 0.27 UJ	0.12 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.55 UJ	0.18 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 36 - PCB Results for Core OA29
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA29 (SDG 1808)																			
OA2901201301	0	2	1.5 J	< 0.90 UJ	< 0.90 UJ	14 J	6.6 J	27 J	7.2 J	13 J	< 0.90 UJ	7.7 J	2.9 J	1.3 J	6.5 J	5.6 J	3.7 J	340	670
OA2901201303	2	4	< 1.7 UJ	< 1.7 UJ	< 1.7 UJ	18 J	8.7 J	33 J	7.8 J	17 J	< 1.7 UJ	9.3 J	4.3 J	1.4 J	7.8 J	6.9 J	3.8 J	450	900
OA2901201305	4	6	20 J	< 0.84 UJ	< 0.84 UJ	140 J	63 J	300 J	86 J	140 J	< 0.84 UJ	77 J	29 J	12 J	50 J	36 J	12 J	2,500	5,000
OA2901201307	6	8	6.7 J	< 1.7 UJ	< 1.7 UJ	63 J	38 J	140 J	34 J	70 J	< 1.7 UJ	32 J	14 J	< 1.7 UJ	32 J	19 J	13 J	1,800	3,600
OA2901201309-11	8	12	6.3 J	< 1.8 UJ	< 1.8 UJ	78 J	39 J	150 J	34 J	79 J	< 1.8 UJ	34 J	13 J	5.5 J	30 J	20 J	9.5 J	2,100	4,200
OA2901201313-15	12	16	5.9 J	< 1.7 UJ	< 1.7 UJ	69 J	38 J	150 J	35 J	71 J	< 1.7 UJ	34 J	11 J	5.7 J	31 J	21 J	10 J	2,000	4,100
OA2901201317-19	16	20	0.79 J	< 0.30 UJ	< 0.30 UJ	8.2 J	4.5 J	16 J	3.9 J	9.0 J	< 0.30 UJ	4.0 J	1.3 J	0.74 J	3.6 J	3.3 J	2.6 J	230	470
OA2901201321-23	20	24	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.67 J	0.36 J	1.1 J	0.37 J	0.74 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.81 J	0.75 J	15	30
OA2901201325-27	24	28	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.2 J	0.82 J	2.1 J	0.61 J	1.1 J	< 0.29 UJ	0.56 J	< 0.29 UJ	< 0.29 UJ	0.54 J	0.56 J	0.47 J	35	72
OA2901201329-31	28	32	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.15 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.25 J	3.8
OA2901201333-35	32	36	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.30 J	< 0.27 UJ	0.53 J	0.23 J	0.31 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	9.3	19
OA2901201337-39	36	40	1.0 J	< 1.1 UJ	< 1.1 UJ	6.0 J	3.0 J	12 J	2.9 J	6.3 J	< 1.1 UJ	4.5 J	< 1.1 UJ	0.59 J	2.7 J	1.6 J	1.5 J	180	360
OA2901201341-43	40	44	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	ND	ND
OA2901201345-47	44	48	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	ND	ND
OA2901201349-51	48	52	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	ND	ND
OA2901201353-55	52	56	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.32	0.80

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 37 - PCB Results for Core OA30
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA30 (SDG 1805)																	
OA3001201301	0	2	< 0.71 UJ	7.1 J	7.8 J	8.0 J	6.6 J	16 J	9.7 J	17 J	21 J	23 J	11 J	3.9 J	< 0.35 UJ	< 0.35 UJ	13 J
OA3001201303	2	4	1.2 J	7.1 J	7.6 J	7.8 J	4.8 J	14 J	7.8 J	15 J	19 J	21 J	11 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	11 J
OA3001201305	4	6	1.3 J	6.9 J	7.1 J	7.1 J	4.0 J	13 J	8.4 J	14 J	17 J	19 J	10 J	3.4 J	< 0.31 UJ	< 0.31 UJ	9.8 J
OA3001201307	6	8	1.2 J	6.3 J	7.4 J	7.0 J	4.1 J	13 J	7.8 J	14 J	17 J	19 J	9.2 J	2.7 J	< 0.30 UJ	< 0.30 UJ	9.7 J
OA3001201309-11	8	12	2.5 J	15 J	14 J	14 J	11 J	25 J	19 J	29 J	36 J	41 J	19 J	7.7 J	< 0.32 UJ	< 0.32 UJ	21 J
OA3001201313-15	12	16	< 0.64 UJ	19 J	22 J	22 J	6.3 J	33 J	18 J	35 J	43 J	52 J	23 J	8.6 J	< 0.32 UJ	< 0.32 UJ	23 J
OA3001201317-19	16	20	< 0.69 UJ	28 J	29 J	37 J	8.7 J	60 J	33 J	67 J	79 J	91 J	46 J	16 J	< 0.34 UJ	< 0.34 UJ	48 J
OA3001201321-23	20	24	< 0.71 UJ	36 J	34 J	29 J	25 J	63 J	35 J	60 J	78 J	87 J	51 J	17 J	< 0.36 UJ	< 0.36 UJ	46 J
OA3001201325-27	24	28	< 0.78 UJ	66 J	74 J	57 J	59 J	150 J	78 J	130 J	160 J	160 J	97 J	30 J	< 0.39 UJ	< 0.39 UJ	93 J
OA3001201329-31	28	32	6.1 J	36 J	37 J	46 J	15 J	70 J	39 J	79 J	74 J	98 J	44 J	12 J	6.3 J	< 0.41 UJ	36 J
OA3001201333-35	32	36	< 0.80 UJ	110 J	120 J	140 J	61 J	250 J	130 J	250 J	260 J	330 J	150 J	45 J	< 0.40 UJ	< 0.40 UJ	150 J
OA3001201337-39	36	40	11 J	63 J	65 J	84 J	42 J	130 J	82 J	150 J	150 J	200 J	89 J	28 J	< 0.36 UJ	< 0.36 UJ	91 J
OA3001201341-43	40	44	< 0.63 UJ	24 J	24 J	40 J	19 J	51 J	29 J	57 J	60 J	73 J	35 J	14 J	< 0.31 UJ	< 0.31 UJ	37 J
OA3001201345-47	44	48	4.2 J	19 J	20 J	26 J	12 J	41 J	24 J	46 J	47 J	60 J	29 J	9.4 J	< 0.30 UJ	< 0.30 UJ	26 J
OA3001201349-51	48	52	3.6 J	20 J	18 J	21 J	12 J	37 J	21 J	40 J	44 J	52 J	27 J	7.7 J	< 0.31 UJ	< 0.31 UJ	25 J
OA3001201353-55	52	56	1.7 J	9.1 J	8.6 J	9.5 J	4.0 J	17 J	9.5 J	18 J	18 J	22 J	11 J	4.0 J	< 0.28 UJ	< 0.28 UJ	9.3 J
OA3001201357-59	56	60	3.3 J	13 J	13 J	18 J	5.6 J	28 J	18 J	30 J	31 J	38 J	18 J	5.2 J	< 0.30 UJ	< 0.30 UJ	17 J
OA3001201361-63	60	64	2.1 J	8.8 J	9.5 J	10 J	3.9 J	18 J	11 J	20 J	20 J	25 J	13 J	4.3 J	< 0.29 UJ	< 0.29 UJ	11 J
OA3001201365-67	64	68	< 0.54 UJ	0.71 J	0.80 J	0.77 J	< 0.27 UJ	1.0 J	0.65 J	1.3 J	1.4 J	1.8 J	1.2 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.5 J

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 37 - PCB Results for Core OA30
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA30 (SDG 1805)																	
OA3001201301	0	2	27 J	17 J	23 J	< 0.35 UJ	28 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	5.0 J	26 J	27 J	14 J	3.3 J	4.5 J	< 0.35 UJ
OA3001201303	2	4	26 J	16 J	20 J	< 0.32 UJ	24 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	4.1 J	23 J	22 J	13 J	3.5 J	3.5 J	< 0.32 UJ
OA3001201305	4	6	21 J	13 J	18 J	< 0.31 UJ	20 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	4.2 J	21 J	19 J	11 J	3.0 J	3.1 J	< 0.31 UJ
OA3001201307	6	8	22 J	15 J	19 J	< 0.30 UJ	19 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	3.5 J	22 J	20 J	11 J	2.5 J	3.0 J	< 0.30 UJ
OA3001201309-11	8	12	45 J	30 J	40 J	< 0.32 UJ	41 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	9.4 J	51 J	44 J	31 J	7.6 J	9.5 J	< 0.32 UJ
OA3001201313-15	12	16	53 J	31 J	50 J	< 0.32 UJ	51 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	9.6 J	54 J	49 J	30 J	7.4 J	6.6 J	< 0.32 UJ
OA3001201317-19	16	20	98 J	65 J	85 J	< 0.34 UJ	91 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	18 J	97 J	89 J	54 J	13 J	15 J	< 0.34 UJ
OA3001201321-23	20	24	100 J	94 J	91 J	< 0.36 UJ	100 J	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	20 J	94 J	92 J	52 J	17 J	16 J	< 0.36 UJ
OA3001201325-27	24	28	220 J	140 J	190 J	< 0.39 UJ	210 J	< 0.39 UJ	< 0.39 UJ	< 0.39 UJ	34 J	210 J	190 J	130 J	35 J	32 J	< 0.39 UJ
OA3001201329-31	28	32	86 J	44 J	81 J	< 0.41 UJ	75 J	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	13 J	68 J	66 J	36 J	9.1 J	9.8 J	< 0.41 UJ
OA3001201333-35	32	36	340 J	190 J	310 J	< 0.40 UJ	320 J	< 0.40 UJ	< 0.40 UJ	< 0.40 UJ	64 J	360 J	340 J	210 J	51 J	40 J	< 0.40 UJ
OA3001201337-39	36	40	200 J	110 J	190 J	< 0.36 UJ	190 J	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	37 J	210 J	200 J	120 J	31 J	27 J	< 0.36 UJ
OA3001201341-43	40	44	84 J	43 J	76 J	< 0.31 UJ	77 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	16 J	95 J	88 J	50 J	13 J	15 J	< 0.31 UJ
OA3001201345-47	44	48	61 J	30 J	53 J	< 0.30 UJ	54 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	9.7 J	53 J	53 J	34 J	6.4 J	9.1 J	< 0.30 UJ
OA3001201349-51	48	52	56 J	32 J	51 J	< 0.31 UJ	51 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	9.0 J	51 J	49 J	31 J	6.8 J	6.3 J	< 0.31 UJ
OA3001201353-55	52	56	22 J	13 J	19 J	< 0.28 UJ	18 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.9 J	18 J	18 J	9.8 J	2.9 J	2.7 J	< 0.28 UJ
OA3001201357-59	56	60	36 J	22 J	31 J	< 0.30 UJ	34 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	5.3 J	32 J	31 J	18 J	4.2 J	3.4 J	< 0.30 UJ
OA3001201361-63	60	64	25 J	14 J	22 J	< 0.29 UJ	22 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.4 J	21 J	20 J	11 J	3.0 J	3.1 J	< 0.29 UJ
OA3001201365-67	64	68	1.8 J	1.9 J	1.2 J	< 0.27 UJ	2.4 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.5 J	1.6 J	1.2 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 37 - PCB Results for Core OA30
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA30 (SDG 1805)																			
OA3001201301	0	2	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	5.1 J	3.0 J	13 J	2.9 J	6.5 J	< 0.35 UJ	3.1 J	1.2 J	0.52 J	2.7 J	1.6 J	1.4 J	180	360
OA3001201303	2	4	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	4.2 J	2.1 J	10 J	2.1 J	5.2 J	< 0.32 UJ	3.2 J	< 0.32 UJ	0.82 J	2.7 J	1.2 J	1.7 J	160	320
OA3001201305	4	6	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	3.9 J	2.2 J	9.3 J	2.6 J	4.6 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	0.84 J	1.9 J	1.5 J	1.8 J	140	280
OA3001201307	6	8	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	6.7 J	2.9 J	14 J	2.7 J	5.8 J	< 0.30 UJ	4.6 J	< 0.30 UJ	0.66 J	3.3 J	2.1 J	< 0.30 UJ	150	300
OA3001201309-11	8	12	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	13 J	4.7 J	28 J	6.8 J	13 J	< 0.32 UJ	8.5 J	2.5 J	0.96 J	5.7 J	3.1 J	2.3 J	330	650
OA3001201313-15	12	16	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	11 J	5.0 J	30 J	< 0.32 UJ	12 J	< 0.32 UJ	4.4 J	< 0.32 UJ	1.5 J	5.9 J	5.0 J	4.0 J	370	730
OA3001201317-19	16	20	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	22 J	8.0 J	46 J	11 J	22 J	< 0.34 UJ	15 J	7.8 J	0.77 J	9.5 J	8.7 J	7.8 J	680	1,300
OA3001201321-23	20	24	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	45 J	11 J	25 J	< 0.36 UJ	< 0.36 UJ	7.0 J	2.0 J	16 J	27 J	12 J	730	1,400
OA3001201325-27	24	28	< 0.39 UJ	< 0.39 UJ	< 0.39 UJ	45 J	20 J	90 J	22 J	49 J	< 0.39 UJ	25 J	< 0.39 UJ	3.3 J	24 J	< 0.39 UJ	25 J	1,400	2,800
OA3001201329-31	28	32	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	11 J	5.6 J	27 J	6.5 J	14 J	< 0.41 UJ	7.1 J	3.0 J	1.4 J	7.3 J	5.6 J	2.3 J	600	1,200
OA3001201333-35	32	36	< 0.40 UJ	< 0.40 UJ	< 0.40 UJ	78 J	38 J	190 J	41 J	81 J	< 0.40 UJ	37 J	17 J	5.4 J	41 J	23 J	13 J	2,400	4,800
OA3001201337-39	36	40	< 0.36 UJ	< 0.36 UJ	< 0.36 UJ	43 J	21 J	110 J	25 J	49 J	< 0.36 UJ	21 J	< 0.36 UJ	4.3 J	24 J	13 J	14 J	1,400	2,800
OA3001201341-43	40	44	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	18 J	12 J	47 J	11 J	22 J	< 0.31 UJ	11 J	5.0 J	1.7 J	10 J	6.0 J	8.1 J	580	1,200
OA3001201345-47	44	48	< 0.30 UJ	< 0.30 UJ	1.7 J	9.8 J	5.4 J	26 J	6.1 J	13 J	< 0.30 UJ	6.4 J	2.4 J	1.0 J	5.6 J	3.9 J	4.0 J	410	810
OA3001201349-51	48	52	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	7.5 J	5.0 J	23 J	5.3 J	11 J	< 0.31 UJ	5.0 J	3.3 J	0.96 J	4.9 J	2.9 J	4.3 J	370	740
OA3001201353-55	52	56	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.8 J	1.9 J	8.8 J	1.8 J	3.9 J	< 0.28 UJ	2.8 J	< 0.28 UJ	< 0.28 UJ	1.8 J	1.8 J	1.0 J	150	300
OA3001201357-59	56	60	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	5.2 J	2.6 J	15 J	3.0 J	7.1 J	< 0.30 UJ	3.0 J	1.9 J	1.1 J	3.4 J	2.6 J	1.6 J	250	500
OA3001201361-63	60	64	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	3.2 J	2.1 J	9.3 J	2.1 J	4.6 J	< 0.29 UJ	2.5 J	< 0.29 UJ	0.94 J	2.4 J	1.7 J	< 0.29 UJ	160	330
OA3001201365-67	64	68	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.77 J	< 0.27 UJ	0.58 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	12	24

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 38 - PCB Results for Core OA31
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA31 (SDG 1786)																	
OA3101201301	0	2	0.61 J	3.8 J	4.0 J	3.9 J	2.7 J	7.7 J	4.7 J	8.8 J	11 J	14 J	5.7 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	7.3 J
OA3101201303	2	4	0.73 J	3.3 J	3.6 J	3.6 J	1.3 J	7.0 J	5.9 J	8.6 J	10 J	12 J	4.8 J	2.6 J	< 0.30 UJ	< 0.30 UJ	6.5 J
OA3101201305	4	6	1.1 J	3.0 J	5.2 J	6.0 J	2.2 J	9.9 J	5.3 J	11 J	13 J	14 J	6.6 J	3.1 J	< 0.30 UJ	< 0.30 UJ	7.9 J
OA3101201307	6	8	1.6 J	5.7 J	6.6 J	7.2 J	1.9 J	9.1 J	5.9 J	11 J	11 J	14 J	7.6 J	3.4 J	< 0.33 UJ	< 0.33 UJ	7.8 J
OA3101201309-11	8	12	< 0.74 UJ	16 J	18 J	20 J	< 0.37 UJ	36 J	25 J	37 J	48 J	45 J	25 J	< 0.37 UJ	< 0.37 UJ	< 0.37 UJ	29 J
OA3101201313-15	12	16	7.8 J	49 J	44 J	46 J	28 J	84 J	54 J	100 J	120 J	120 J	55 J	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	66 J
OA3101201317-19	16	20	19 J	110 J	130 J	150 J	46 J	230 J	150 J	270 J	260 J	330 J	140 J	< 0.45 UJ	< 0.45 UJ	< 0.45 UJ	130 J
OA3101201321-23	20	24	15 J	85 J	84 J	96 J	29 J	150 J	94 J	190 J	170 J	220 J	92 J	< 0.42 UJ	< 0.42 UJ	< 0.42 UJ	91 J
OA3101201325-27	24	28	9.3 J	56 J	59 J	62 J	20 J	97 J	57 J	120 J	110 J	150 J	62 J	< 0.42 UJ	< 0.42 UJ	< 0.42 UJ	72 J
OA3101201329-31	28	32	< 0.68 UJ	21 J	22 J	28 J	9.1 J	41 J	24 J	47 J	49 J	58 J	24 J	8.6 J	< 0.34 UJ	< 0.34 UJ	28 J
OA3101201333-35	32	36	< 0.59 UJ	4.8 J	4.1 J	5.3 J	2.3 J	7.2 J	4.0 J	7.9 J	8.2 J	10 J	4.4 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	8.1 J
OA3101201337-39	36	40	0.63 J	2.3 J	1.1 J	1.4 J	< 0.28 UJ	2.1 J	1.5 J	2.7 J	2.6 J	3.2 J	1.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.6 J
OA3101201341-43	40	44	0.46 J	1.9 J	1.7 J	1.9 J	0.80 J	2.9 J	2.0 J	3.7 J	3.0 J	3.8 J	1.9 J	0.72 J	< 0.27 UJ	< 0.27 UJ	2.3 J
OA3101201345-47	44	48	0.52 J	1.4 J	2.0 J	2.1 J	< 0.28 UJ	2.8 J	2.3 J	3.5 J	3.8 J	4.5 J	2.2 J	0.65 J	< 0.28 UJ	< 0.28 UJ	2.5 J
OA3101201349-51	48	52	0.33 J	0.89 J	0.98 J	1.1 J	< 0.28 UJ	1.7 J	1.0 J	1.9 J	2.0 J	2.2 J	0.99 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J
OA3101201353-55	52	56	0.24 J	0.50 J	0.39 J	0.38 J	< 0.28 UJ	0.54 J	0.38 J	0.69 J	0.65 J	0.63 J	0.35 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.56 J
OA3101201357-59	56	60	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.28 J	0.33 J	0.19 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA3101201361-63	60	64	< 0.54 UJ	< 0.27 UJ	0.26 J	< 0.27 UJ	< 0.27 UJ	0.30 J	0.29 J	0.29 J	0.35 J	0.31 J	0.23 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.35 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 38 - PCB Results for Core OA31
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA31 (SDG 1786)																	
OA3101201301	0	2	15 J	12 J	15 J	< 0.32 UJ	16 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	3.1 J	18 J	17 J	8.1 J	2.5 J	2.2 J	< 0.32 UJ
OA3101201303	2	4	14 J	11 J	14 J	< 0.30 UJ	15 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	2.8 J	16 J	12 J	7.5 J	2.1 J	1.9 J	< 0.30 UJ
OA3101201305	4	6	18 J	12 J	16 J	< 0.30 UJ	18 J	< 0.30 UJ	3.1 J	< 0.30 UJ	3.8 J	21 J	18 J	11 J	2.6 J	2.7 J	< 0.30 UJ
OA3101201307	6	8	17 J	11 J	16 J	< 0.33 UJ	20 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	5.1 J	22 J	19 J	12 J	3.7 J	< 0.33 UJ	< 0.33 UJ
OA3101201309-11	8	12	62 J	40 J	57 J	< 0.37 UJ	58 J	< 0.37 UJ	< 0.37 UJ	< 0.37 UJ	13 J	62 J	54 J	33 J	8.8 J	9.9 J	< 0.37 UJ
OA3101201313-15	12	16	140 J	92 J	130 J	< 0.41 UJ	130 J	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	23 J	140 J	110 J	76 J	22 J	15 J	< 0.41 UJ
OA3101201317-19	16	20	280 J	150 J	270 J	< 0.45 UJ	250 J	< 0.45 UJ	< 0.45 UJ	< 0.45 UJ	47 J	240 J	210 J	130 J	31 J	26 J	< 0.45 UJ
OA3101201321-23	20	24	210 J	110 J	190 J	< 0.42 UJ	190 J	< 0.42 UJ	< 0.42 UJ	< 0.42 UJ	33 J	200 J	170 J	110 J	28 J	22 J	< 0.42 UJ
OA3101201325-27	24	28	170 J	78 J	150 J	< 0.42 UJ	140 J	< 0.42 UJ	< 0.42 UJ	< 0.42 UJ	30 J	170 J	140 J	87 J	25 J	15 J	< 0.42 UJ
OA3101201329-31	28	32	63 J	31 J	52 J	< 0.34 UJ	52 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	10 J	60 J	50 J	33 J	8.7 J	6.3 J	< 0.34 UJ
OA3101201333-35	32	36	11 J	6.1 J	9.9 J	< 0.30 UJ	10 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	2.5 J	12 J	10 J	6.2 J	1.7 J	1.6 J	< 0.30 UJ
OA3101201337-39	36	40	3.6 J	2.7 J	2.9 J	< 0.28 UJ	3.2 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.6 J	3.0 J	1.9 J	0.53 J	0.53 J	< 0.28 UJ
OA3101201341-43	40	44	3.5 J	2.6 J	3.9 J	< 0.27 UJ	3.6 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.2 J	4.3 J	3.9 J	2.6 J	0.83 J	< 0.27 UJ	< 0.27 UJ
OA3101201345-47	44	48	4.8 J	2.9 J	5.1 J	< 0.28 UJ	4.6 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.86 J	5.0 J	3.9 J	2.7 J	0.79 J	0.45 J	< 0.28 UJ
OA3101201349-51	48	52	3.1 J	1.3 J	2.6 J	< 0.28 UJ	2.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.8 J	2.4 J	1.5 J	0.55 J	< 0.28 UJ	< 0.28 UJ
OA3101201353-55	52	56	0.95 J	< 0.28 UJ	0.80 J	< 0.28 UJ	1.0 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.91 J	0.77 J	0.60 J	0.20 J	< 0.28 UJ	< 0.28 UJ
OA3101201357-59	56	60	< 0.27 UJ	< 0.27 UJ	0.51 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.45 J	< 0.54 UJ	0.27 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA3101201361-63	60	64	0.55 J	< 0.27 UJ	0.60 J	< 0.27 UJ	0.65 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.54 UJ	0.42 J	0.39 J	0.15 J	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 38 - PCB Results for Core OA31
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA31 (SDG 1786)																			
OA3101201301	0	2	1.0 J	< 0.32 UJ	< 0.32 UJ	2.8 J	1.7 J	7.1 J	2.2 J	3.8 J	< 0.32 UJ	1.8 J	0.97 J	0.68 J	1.5 J	0.98 J	1.3 J	100	210
OA3101201303	2	4	0.38 J	< 0.30 UJ	< 0.30 UJ	3.0 J	1.5 J	6.2 J	1.5 J	3.3 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	1.6 J	0.82 J	1.2 J	92	190
OA3101201305	4	6	0.95 J	< 0.30 UJ	< 0.30 UJ	3.3 J	2.3 J	9.7 J	2.0 J	4.7 J	< 0.30 UJ	1.6 J	< 0.30 UJ	0.43 J	1.9 J	1.4 J	1.5 J	120	240
OA3101201307	6	8	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	3.3 J	2.1 J	11 J	2.6 J	5.0 J	< 0.33 UJ	2.0 J	1.5 J	0.59 J	1.7 J	1.4 J	1.9 J	120	250
OA3101201309-11	8	12	8.6 J	< 0.37 UJ	< 0.37 UJ	12 J	5.5 J	24 J	5.5 J	13 J	< 0.37 UJ	< 0.37 UJ	2.8 J	0.88 J	5.9 J	3.8 J	8.5 J	410	790
OA3101201313-15	12	16	15 J	< 0.41 UJ	< 0.41 UJ	24 J	11 J	56 J	11 J	26 J	< 0.41 UJ	11 J	4.7 J	1.9 J	11 J	6.8 J	15 J	920	1,800
OA3101201317-19	16	20	9.2 J	< 0.45 UJ	< 0.45 UJ	38 J	19 J	88 J	18 J	39 J	< 0.45 UJ	17 J	< 0.45 UJ	3.1 J	18 J	< 0.45 UJ	9.9 J	1,900	3,900
OA3101201321-23	20	24	6.1 J	< 0.42 UJ	< 0.42 UJ	34 J	17 J	81 J	19 J	36 J	< 0.42 UJ	12 J	< 0.42 UJ	2.6 J	16 J	< 0.42 UJ	7.0 J	1,400	2,800
OA3101201325-27	24	28	6.8 J	< 0.42 UJ	< 0.42 UJ	29 J	14 J	73 J	15 J	33 J	< 0.42 UJ	14 J	6.4 J	2.3 J	16 J	9.7 J	12 J	1,000	2,100
OA3101201329-31	28	32	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	9.7 J	5.3 J	23 J	5.8 J	11 J	< 0.34 UJ	4.6 J	2.6 J	1.1 J	5.4 J	3.1 J	4.4 J	400	800
OA3101201333-35	32	36	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	2.1 J	1.3 J	6.6 J	1.6 J	2.8 J	< 0.30 UJ	1.8 J	< 0.30 UJ	< 0.30 UJ	1.6 J	1.4 J	1.6 J	78	160
OA3101201337-39	36	40	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.27 J	2.0 J	0.44 J	0.83 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.58 J	24	47
OA3101201341-43	40	44	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.60 J	0.35 J	2.2 J	0.82 J	1.3 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.48 J	30	59
OA3101201345-47	44	48	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.86 J	0.72 J	2.1 J	0.54 J	1.1 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.52 J	< 0.28 UJ	0.48 J	32	66
OA3101201349-51	48	52	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.44 J	1.2 J	0.32 J	0.65 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	16	34
OA3101201353-55	52	56	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.48 J	< 0.28 UJ	0.30 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	5.3	11
OA3101201357-59	56	60	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.28	2.0
OA3101201361-63	60	64	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.38 J	< 0.27 UJ	0.23 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.8	5.8

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 39 - PCB Results for Core OA32
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA32 (SDG 1798)																	
OA3201201301	0	2	0.88 J	< 0.35 UJ	5.6 J	4.9 J	2.0 J	12 J	7.4 J	14 J	18 J	17 J	8.3 J	3.3 J	< 0.35 UJ	< 0.35 UJ	11 J
OA3201201303	2	4	0.88 J	< 0.33 UJ	6.2 J	5.4 J	1.9 J	12 J	8.5 J	15 J	19 J	18 J	8.9 J	4.3 J	< 0.33 UJ	< 0.33 UJ	12 J
OA3201201305	4	6	1.4 J	8.1 J	11 J	7.9 J	3.3 J	18 J	13 J	21 J	28 J	26 J	13 J	3.6 J	< 0.31 UJ	< 0.31 UJ	17 J
OA3201201307	6	8	2.4 J	9.9 J	16 J	11 J	< 0.35 UJ	27 J	18 J	32 J	41 J	37 J	19 J	7.8 J	< 0.35 UJ	< 0.35 UJ	23 J
OA3201201309-11	8	12	3.8 J	14 J	29 J	23 J	< 0.32 UJ	51 J	33 J	56 J	66 J	66 J	33 J	11 J	< 0.32 UJ	< 0.32 UJ	35 J
OA3201201313-15	12	16	14 J	63 J	72 J	74 J	< 1.6 UJ	150 J	99 J	170 J	170 J	200 J	95 J	31 J	< 1.6 UJ	< 1.6 UJ	88 J
OA3201201317-19	16	20	7.2 J	30 J	34 J	34 J	6.9 J	67 J	43 J	77 J	72 J	80 J	37 J	< 1.3 UJ	< 1.3 UJ	< 1.3 UJ	43 J
OA3201201321-23	20	24	3.7 J	12 J	15 J	12 J	3.2 J	24 J	18 J	30 J	31 J	32 J	15 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	18 J
OA3201201325-27	24	28	2.5 J	7.0 J	11 J	7.7 J	2.3 J	19 J	13 J	21 J	28 J	21 J	12 J	4.9 J	< 0.29 UJ	< 0.29 UJ	15 J
OA3201201329-31	28	32	3.0 J	6.6 J	15 J	10 J	3.1 J	25 J	17 J	27 J	35 J	30 J	16 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	20 J
OA3201201333-35	32	36	0.61 J	< 0.28 UJ	1.9 J	1.5 J	< 0.28 UJ	3.2 J	2.1 J	3.9 J	4.0 J	3.5 J	2.3 J	0.87 J	< 0.28 UJ	< 0.28 UJ	2.2 J
OA3201201337-39	36	40	0.29 J	1.6 J	1.6 J	1.4 J	0.57 J	2.7 J	1.8 J	2.8 J	3.3 J	3.3 J	1.8 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.8 J
OA3201201341-43	40	44	0.27 J	< 0.28 UJ	1.2 J	0.82 J	0.30 J	2.0 J	1.3 J	2.0 J	2.8 J	2.6 J	1.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.9 J
OA3201201345-47	44	48	< 0.55 UJ	< 0.28 UJ	0.57 J	0.35 J	< 0.28 UJ	0.71 J	0.53 J	0.90 J	1.2 J	1.4 J	0.60 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.85 J

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 39 - PCB Results for Core OA32
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA32 (SDG 1798)																	
OA3201201301	0	2	22 J	12 J	23 J	< 0.35 UJ	22 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	4.6 J	25 J	22 J	13 J	3.5 J	2.7 J	2.5 J
OA3201201303	2	4	25 J	14 J	25 J	< 0.33 UJ	24 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	5.0 J	29 J	25 J	15 J	4.0 J	2.8 J	< 0.33 UJ
OA3201201305	4	6	36 J	19 J	34 J	< 0.31 UJ	37 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	7.6 J	41 J	36 J	23 J	5.9 J	4.1 J	3.6 J
OA3201201307	6	8	50 J	29 J	50 J	< 0.35 UJ	48 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	9.7 J	57 J	51 J	31 J	8.1 J	6.0 J	4.9 J
OA3201201309-11	8	12	80 J	40 J	87 J	< 0.32 UJ	73 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	13 J	86 J	76 J	49 J	13 J	8.0 J	< 0.32 UJ
OA3201201313-15	12	16	200 J	99 J	210 J	< 1.6 UJ	190 J	< 1.6 UJ	< 1.6 UJ	< 1.6 UJ	36 J	210 J	190 J	130 J	30 J	19 J	12 J
OA3201201317-19	16	20	97 J	45 J	91 J	< 1.3 UJ	86 J	2.2 J	< 1.3 UJ	< 1.3 UJ	14 J	100 J	90 J	52 J	15 J	10 J	< 1.3 UJ
OA3201201321-23	20	24	40 J	20 J	39 J	< 0.30 UJ	37 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	7.4 J	42 J	37 J	24 J	6.2 J	4.5 J	2.9 J
OA3201201325-27	24	28	30 J	14 J	32 J	< 0.29 UJ	28 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	5.1 J	33 J	29 J	18 J	5.4 J	3.6 J	< 0.29 UJ
OA3201201329-31	28	32	44 J	23 J	41 J	< 0.31 UJ	39 J	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	7.4 J	47 J	41 J	26 J	6.8 J	5.5 J	4.6 J
OA3201201333-35	32	36	4.5 J	1.9 J	4.3 J	< 0.28 UJ	5.2 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.79 J	4.8 J	4.5 J	2.8 J	0.89 J	0.59 J	< 0.28 UJ
OA3201201337-39	36	40	4.2 J	2.0 J	3.5 J	< 0.28 UJ	3.9 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.2 J	4.0 J	3.6 J	2.5 J	0.75 J	0.47 J	< 0.28 UJ
OA3201201341-43	40	44	3.6 J	1.5 J	3.0 J	< 0.28 UJ	3.0 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.5 J	2.9 J	1.8 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA3201201345-47	44	48	1.4 J	0.61 J	1.4 J	< 0.28 UJ	1.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.47 J	1.5 J	1.2 J	0.82 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 39 - PCB Results for Core OA32
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA32 (SDG 1798)																			
OA3201201301	0	2	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	5.8 J	2.7 J	11 J	2.8 J	5.3 J	< 0.35 UJ	3.0 J	0.96 J	0.52 J	2.5 J	1.8 J	1.9 J	140	290
OA3201201303	2	4	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	7.0 J	3.1 J	12 J	3.1 J	5.7 J	< 0.33 UJ	3.8 J	0.89 J	0.58 J	3.1 J	2.0 J	2.0 J	160	320
OA3201201305	4	6	1.1 J	< 0.31 UJ	1.8 J	9.7 J	4.0 J	17 J	3.9 J	8.5 J	< 0.31 UJ	5.1 J	1.3 J	0.71 J	3.6 J	2.7 J	2.6 J	240	480
OA3201201307	6	8	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	13 J	6.5 J	25 J	5.9 J	14 J	< 0.35 UJ	6.6 J	2.2 J	1.1 J	6.2 J	4.6 J	4.6 J	340	680
OA3201201309-11	8	12	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	18 J	8.6 J	37 J	8.5 J	18 J	< 0.32 UJ	8.2 J	2.9 J	1.6 J	7.7 J	6.4 J	5.0 J	530	1,100
OA3201201313-15	12	16	< 1.6 UJ	< 1.6 UJ	< 1.6 UJ	42 J	25 J	85 J	23 J	40 J	< 1.6 UJ	21 J	7.4 J	3.4 J	21 J	14 J	10 J	1,400	2,800
OA3201201317-19	16	20	2.6 J	< 1.3 UJ	< 1.3 UJ	21 J	10 J	39 J	11 J	20 J	< 1.3 UJ	10 J	5.1 J	2.0 J	8.3 J	6.9 J	5.7 J	640	1,300
OA3201201321-23	20	24	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	9.8 J	4.2 J	18 J	4.3 J	8.2 J	< 0.30 UJ	3.7 J	1.5 J	1.0 J	3.3 J	2.7 J	2.5 J	260	530
OA3201201325-27	24	28	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	8.5 J	3.7 J	13 J	3.4 J	6.5 J	< 0.29 UJ	3.6 J	< 0.29 UJ	0.62 J	3.4 J	3.2 J	2.8 J	210	410
OA3201201329-31	28	32	1.1 J	< 0.31 UJ	< 0.31 UJ	10 J	4.3 J	19 J	4.2 J	8.5 J	< 0.31 UJ	4.7 J	1.8 J	0.81 J	3.7 J	2.6 J	2.9 J	280	560
OA3201201333-35	32	36	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.3 J	0.65 J	2.3 J	0.44 J	1.2 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.76 J	0.90 J	1.0 J	33	65
OA3201201337-39	36	40	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.7 J	< 0.28 UJ	1.0 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	26	52
OA3201201341-43	40	44	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.83 J	0.41 J	1.2 J	< 0.28 UJ	0.68 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.36 J	< 0.28 UJ	< 0.28 UJ	19	39
OA3201201345-47	44	48	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.41 J	< 0.28 UJ	0.56 J	< 0.28 UJ	0.27 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	8.3	17

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 40 - PCB Results for Core OA33
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>005/008</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>66</i>	<i>70</i>	<i>74</i>	<i>77</i>	<i>81</i>	<i>87</i>	<i>99</i>
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Outfall ID OA33 (SDG 1799)

OA3301201301	0	2	< 0.54 UJ	< 0.27 UJ	0.43 J	0.57 J	< 0.27 UJ	0.80 J	0.69 J	1.1 J	1.4 J	1.1 J	0.70 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.2 J
OA3301201303	2	4	0.31 J	< 0.27 UJ	1.5 J	0.44 J	< 0.27 UJ	1.3 J	0.54 J	1.2 J	1.6 J	1.0 J	0.79 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.5 J
OA3301201305	4	6	0.27 J	< 0.24 UJ	0.87 J	0.59 J	< 0.24 UJ	1.2 J	0.81 J	0.96 J	1.3 J	1.3 J	1.3 J	< 0.24 UJ	< 0.24 UJ	< 0.24 UJ	1.4 J
OA3301201307	6	8	0.31 J	< 0.26 UJ	< 0.26 UJ	0.91 J	< 0.26 UJ	0.90 J	0.62 J	1.0 J	1.2 J	1.3 J	0.86 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	0.98 J
OA3301201309-11	8	12	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.5 J	0.46 J	< 0.27 UJ	1.4 J	1.2 J	0.82 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.94 J
OA3301201313-15	12	16	0.64 J	< 0.27 UJ	0.36 J	0.49 J	< 0.27 UJ	0.64 J	0.38 J	0.50 J	1.1 J	0.96 J	0.49 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.2 J
OA3301201317-19	16	20	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	0.50 J	< 0.27 UJ	0.64 J	0.46 J	0.69 J	1.0 J	0.83 J	0.70 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.1 J
OA3301201321-23	20	24	< 0.52 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	0.57 J	0.55 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	0.60 J
OA3301201325-27	24	28	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	0.19 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.48 J	0.47 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.67 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 40 - PCB Results for Core OA33
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>101</i>	<i>105</i>	<i>110</i>	<i>114</i>	<i>118</i>	<i>119</i>	<i>123</i>	<i>126</i>	<i>128</i>	<i>132/153</i>	<i>138/158</i>	<i>149</i>	<i>151</i>	<i>156</i>	<i>157</i>
Outfall ID OA333 (SDG 1799)																	
OA3301201301	0	2	1.8 J	1.3 J	1.4 J	< 0.27 UJ	1.8 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.6 J	1.9 J	1.1 J	0.32 J	0.52 J	< 0.27 UJ
OA3301201303	2	4	2.5 J	2.1 J	1.7 J	< 0.27 UJ	2.8 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.3 J	2.0 J	0.14 J	0.75 J	< 0.27 UJ	< 0.27 UJ
OA3301201305	4	6	1.9 J	2.3 J	1.7 J	< 0.24 UJ	2.2 J	< 0.24 UJ	< 0.24 UJ	< 0.24 UJ	< 0.24 UJ	1.8 J	2.3 J	1.2 J	< 0.24 UJ	< 0.24 UJ	< 0.24 UJ
OA3301201307	6	8	2.1 J	2.2 J	1.8 J	< 0.26 UJ	2.3 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	2.0 J	1.9 J	1.4 J	0.69 J	< 0.26 UJ	< 0.26 UJ
OA3301201309-11	8	12	2.1 J	< 0.27 UJ	1.3 J	< 0.27 UJ	2.0 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.2 J	1.8 J	0.80 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA3301201313-15	12	16	1.3 J	1.0 J	1.4 J	< 0.27 UJ	1.1 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.53 UJ	1.7 J	0.77 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA3301201317-19	16	20	1.5 J	1.1 J	1.2 J	< 0.27 UJ	1.5 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.7 J	1.3 J	0.92 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA3301201321-23	20	24	0.83 J	< 0.26 UJ	0.86 J	< 0.26 UJ	0.71 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	0.79 J	< 0.52 UJ	0.61 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ
OA3301201325-27	24	28	0.63 J	< 0.27 UJ	0.57 J	< 0.27 UJ	0.69 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.72 J	1.0 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 40 - PCB Results for Core OA33
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	(	Total PCBs
Outfall ID OA33 (SDG 1799)																			
OA3301201301	0	2	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.42 J	1.9 J	< 0.27 UJ	0.57 J	< 0.27 UJ	0.86 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	12	23
OA3301201303	2	4	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.3 J	< 0.27 UJ	0.53 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	14	26
OA3301201305	4	6	< 0.24 UJ	< 0.24 UJ	< 0.24 UJ	< 0.24 UJ	< 0.24 UJ	0.88 J	< 0.24 UJ	0.58 J	< 0.24 UJ	< 0.24 UJ	< 0.24 UJ	< 0.24 UJ	< 0.24 UJ	< 0.24 UJ	< 0.24 UJ	12	25
OA3301201307	6	8	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	0.89 J	< 0.26 UJ	0.74 J	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	11	24
OA3301201309-11	8	12	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.66 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	7.5	17
OA3301201313-15	12	16	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.33 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	6.9	14
OA3301201317-19	16	20	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.74 J	0.30 J	0.35 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	7.3	17
OA3301201321-23	20	24	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	< 0.26 UJ	1.4	5.5
OA3301201325-27	24	28	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.22 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.3	5.6

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

- Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
- Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 41 - PCB Results for Core OA34
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Top of sediment bed interval (cm)</i>	<i>Bottom of sediment bed interval (cm)</i>	<i>005/008</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>66</i>	<i>70</i>	<i>74</i>	<i>77</i>	<i>81</i>	<i>87</i>	<i>99</i>
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Outfall ID OA34 (SDG 1797)

OA3401201301	0	2	1.4 J	< 0.29 UJ	9.5 J	6.3 J	2.1 J	20 J	12 J	20 J	34 J	26 J	14 J	4.6 J	< 0.29 UJ	< 0.29 UJ	21 J
OA3401201303	2	4	5.0 J	14 J	39 J	25 J	6.9 J	91 J	50 J	95 J	120 J	100 J	53 J	18 J	< 0.33 UJ	< 0.33 UJ	72 J
OA3401201305	4	6	5.9 J	22 J	44 J	34 J	9.2 J	97 J	57 J	100 J	120 J	130 J	56 J	19 J	< 0.35 UJ	< 0.35 UJ	76 J
OA3401201307	6	8	8.8 J	34 J	64 J	45 J	10 J	130 J	80 J	140 J	150 J	160 J	73 J	22 J	< 0.33 UJ	< 0.33 UJ	92 J
OA3401201309-11	8	12	4.5 J	12 J	20 J	15 J	3.8 J	39 J	25 J	43 J	48 J	46 J	22 J	6.1 J	< 0.29 UJ	< 0.29 UJ	31 J
OA3401201313-15	12	16	2.1 J	3.7 J	5.2 J	3.2 J	< 0.28 UJ	8.6 J	5.6 J	9.8 J	11 J	9.0 J	5.0 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	7.2 J
OA3401201317-19	16	20	0.72 J	1.0 J	1.5 J	1.1 J	< 0.27 UJ	2.3 J	1.5 J	3.0 J	2.7 J	2.3 J	1.3 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.0 J
OA3401201321-23	20	24	0.91 J	< 0.28 UJ	3.0 J	1.9 J	< 0.28 UJ	5.8 J	3.8 J	6.9 J	7.2 J	6.3 J	3.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	4.7 J
OA3401201325-27	24	28	0.63 J	1.8 J	2.4 J	1.4 J	< 0.28 UJ	4.4 J	3.0 J	4.7 J	5.7 J	5.3 J	2.7 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.7 J
OA3401201329-31	28	32	0.42 J	1.3 J	2.0 J	1.4 J	< 0.27 UJ	3.6 J	2.6 J	4.0 J	4.9 J	4.2 J	2.1 J	0.59 J	< 0.27 UJ	< 0.27 UJ	2.8 J

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 41 - PCB Results for Core OA34
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA34 (SDG 1797)																	
OA3401201301	0	2	43 J	25 J	40 J	< 0.29 UJ	43 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	8.0 J	50 J	47 J	28 J	7.4 J	4.8 J	< 0.29 UJ
OA3401201303	2	4	150 J	77 J	150 J	< 0.33 UJ	140 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	30 J	170 J	150 J	95 J	26 J	18 J	< 0.33 UJ
OA3401201305	4	6	170 J	78 J	180 J	< 0.35 UJ	160 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	34 J	210 J	180 J	110 J	29 J	20 J	< 0.35 UJ
OA3401201307	6	8	200 J	94 J	210 J	< 0.33 UJ	180 J	< 0.33 UJ	< 0.33 UJ	< 0.33 UJ	40 J	230 J	200 J	130 J	35 J	22 J	< 0.33 UJ
OA3401201309-11	8	12	66 J	29 J	66 J	< 0.29 UJ	62 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	12 J	79 J	68 J	43 J	11 J	7.7 J	< 0.29 UJ
OA3401201313-15	12	16	13 J	6.9 J	13 J	< 0.28 UJ	12 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.4 J	14 J	13 J	7.9 J	2.0 J	1.7 J	< 0.28 UJ
OA3401201317-19	16	20	3.7 J	2.2 J	3.3 J	< 0.27 UJ	3.4 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	3.8 J	3.3 J	2.1 J	0.65 J	< 0.27 UJ	< 0.27 UJ
OA3401201321-23	20	24	10 J	4.3 J	9.5 J	< 0.28 UJ	8.5 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J	10 J	9.0 J	5.9 J	1.5 J	1.2 J	< 0.28 UJ
OA3401201325-27	24	28	7.3 J	3.8 J	7.4 J	< 0.28 UJ	6.6 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.7 J	7.9 J	6.6 J	4.3 J	1.2 J	1.0 J	< 0.28 UJ
OA3401201329-31	28	32	6.1 J	3.1 J	5.7 J	< 0.27 UJ	5.4 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.3 J	6.6 J	5.5 J	3.3 J	0.91 J	0.83 J	< 0.27 UJ

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

Laboratory qualifiers are included in the laboratory reports (available upon request).

3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected

J - Estimated value (higher than MDL)

U - Not detected

UJ - At an estimated reporting limit

Table 41 - PCB Results for Core OA34
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA34 (SDG 1797)																			
OA3401201301	0	2	1.4 J	< 0.29 UJ	< 0.29 UJ	8.6 J	5.4 J	22 J	5.4 J	11 J	< 0.29 UJ	4.3 J	2.0 J	0.97 J	4.6 J	2.3 J	2.5 J	270	540
OA3401201303	2	4	4.6 J	< 0.33 UJ	< 0.33 UJ	37 J	17 J	73 J	17 J	40 J	0.65 J	18 J	5.2 J	2.8 J	17 J	12 J	10 J	980	1,900
OA3401201305	4	6	5.6 J	< 0.35 UJ	< 0.35 UJ	40 J	22 J	84 J	20 J	46 J	< 0.35 UJ	19 J	7.0 J	3.2 J	16 J	15 J	10 J	1,100	2,200
OA3401201307	6	8	8.1 J	< 0.33 UJ	< 0.33 UJ	53 J	24 J	94 J	23 J	49 J	< 0.33 UJ	22 J	8.8 J	3.8 J	21 J	18 J	13 J	1,300	2,700
OA3401201309-11	8	12	1.9 J	< 0.29 UJ	< 0.29 UJ	15 J	9.0 J	34 J	8.0 J	18 J	< 0.29 UJ	7.2 J	2.5 J	1.4 J	7.0 J	6.4 J	5.4 J	430	870
OA3401201313-15	12	16	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	3.3 J	1.6 J	6.3 J	1.4 J	3.2 J	< 0.28 UJ	2.0 J	< 0.28 UJ	< 0.28 UJ	1.5 J	1.7 J	1.4 J	91	180
OA3401201317-19	16	20	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.1 J	< 0.27 UJ	1.7 J	0.53 J	0.77 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.87 J	24	47
OA3401201321-23	20	24	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.7 J	1.2 J	4.3 J	0.98 J	2.2 J	< 0.28 UJ	1.5 J	< 0.28 UJ	< 0.28 UJ	1.4 J	1.1 J	1.1 J	60	120
OA3401201325-27	24	28	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.6 J	0.84 J	3.2 J	0.88 J	1.6 J	< 0.28 UJ	0.91 J	0.38 J	0.17 J	0.86 J	0.83 J	0.76 J	48	96
OA3401201329-31	28	32	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.5 J	0.50 J	2.5 J	0.71 J	1.4 J	< 0.27 UJ	0.79 J	< 0.27 UJ	< 0.27 UJ	0.76 J	0.43 J	0.65 J	40	78

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 41 - PCB Results for Core OA35
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	005/008	18	28	31	37	44	49	52	66	70	74	77	81	87	99
Outfall ID OA35 (SDG 1794)																	
OA3501201301	0	2	2.7 J	11 J	9.8 J	9.4 J	4.4 J	23 J	21 J	25 J	36 J	31 J	15 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	24 J
OA3501201303	2	4	8.3 J	32 J	39 J	30 J	12 J	83 J	60 J	96 J	120 J	110 J	52 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	71 J
OA3501201305	4	6	7.2 J	20 J	29 J	19 J	9.0 J	61 J	46 J	71 J	93 J	76 J	39 J	< 0.34 UJ	< 0.34 UJ	< 0.34 UJ	56 J
OA3501201307	6	8	11 J	35 J	52 J	43 J	14 J	110 J	63 J	120 J	150 J	150 J	64 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	91 J
OA3501201309-11	8	12	5.5 J	13 J	18 J	12 J	4.6 J	30 J	23 J	34 J	40 J	38 J	18 J	< 0.30 UJ	< 0.30 UJ	< 0.30 UJ	26 J
OA3501201313-15	12	16	1.9 J	3.2 J	2.9 J	3.6 J	0.73 J	4.3 J	3.0 J	5.5 J	5.1 J	4.6 J	2.5 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	3.8 J
OA3501201317-19	16	20	1.9 J	3.5 J	3.9 J	3.3 J	1.3 J	7.4 J	4.9 J	9.0 J	7.8 J	9.2 J	4.0 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	6.1 J
OA3501201321-23	20	24	0.69 J	0.83 J	1.1 J	0.85 J	0.31 J	1.8 J	1.1 J	2.1 J	1.7 J	1.6 J	1.0 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.1 J
OA3501201325-27	24	28	0.31 J	0.63 J	0.39 J	0.31 J	< 0.27 UJ	0.69 J	0.68 J	0.83 J	0.79 J	0.56 J	0.43 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.74 J
OA3501201329-31	28	32	< 0.55 UJ	< 0.28 UJ	0.34 J	0.18 J	< 0.28 UJ	0.30 J	0.24 J	0.51 J	0.54 J	0.40 J	0.20 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.66 J
OA3501201333-35	32	36	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.34 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.48 J
OA3501201337-39	36	40	< 0.57 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA3501201341-43	40	44	< 0.55 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA3501201345-47	44	48	< 0.56 UJ	< 0.28 UJ	0.79 J	0.44 J	0.39 J	1.0 J	0.64 J	1.0 J	1.1 J	1.1 J	0.65 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.2 J
OA3501201349-51	48	52	< 0.56 UJ	< 0.28 UJ	0.71 J	0.61 J	0.54 J	0.76 J	0.56 J	1.4 J	1.5 J	1.7 J	0.82 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.4 J
OA3501201353-55	52	56	0.24 J	< 0.29 UJ	0.63 J	0.79 J	< 0.29 UJ	1.2 J	0.86 J	1.5 J	1.6 J	1.6 J	0.89 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	1.9 J

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 41 - PCB Results for Core OA35
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	101	105	110	114	118	119	123	126	128	132/153	138/158	149	151	156	157
Outfall ID OA35 (SDG 1794)																	
OA3501201301	0	2	50 J	30 J	46 J	< 0.32 UJ	45 J	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	11 J	56 J	50 J	28 J	7.0 J	6.0 J	< 0.32 UJ
OA3501201303	2	4	150 J	81 J	140 J	6.7 J	140 J	< 0.35 UJ	19 J	< 0.35 UJ	30 J	160 J	140 J	83 J	21 J	18 J	15 J
OA3501201305	4	6	110 J	69 J	110 J	< 0.34 UJ	110 J	< 0.34 UJ	14 J	< 0.34 UJ	23 J	130 J	110 J	67 J	16 J	13 J	< 0.34 UJ
OA3501201307	6	8	200 J	110 J	180 J	< 0.35 UJ	180 J	< 0.35 UJ	< 0.35 UJ	< 0.35 UJ	35 J	210 J	170 J	110 J	28 J	24 J	< 0.35 UJ
OA3501201309-11	8	12	55 J	25 J	52 J	< 0.30 UJ	50 J	2.0 J	6.9 J	< 0.30 UJ	9.6 J	62 J	51 J	31 J	8.4 J	7.0 J	< 0.30 UJ
OA3501201313-15	12	16	7.8 J	4.0 J	6.9 J	< 0.27 UJ	7.0 J	1.1 J	< 0.27 UJ	< 0.27 UJ	1.1 J	8.0 J	6.4 J	4.3 J	1.1 J	0.69 J	< 0.27 UJ
OA3501201317-19	16	20	12 J	6.4 J	11 J	< 0.28 UJ	11 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.8 J	12 J	10 J	6.5 J	1.7 J	1.3 J	< 0.28 UJ
OA3501201321-23	20	24	2.6 J	1.8 J	2.2 J	< 0.27 UJ	1.8 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	2.1 J	1.6 J	1.1 J	0.37 J	0.25 J	< 0.27 UJ
OA3501201325-27	24	28	1.2 J	0.79 J	0.95 J	< 0.27 UJ	1.5 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.89 J	< 0.54 UJ	0.72 J	0.32 J	< 0.27 UJ	< 0.27 UJ
OA3501201329-31	28	32	0.86 J	< 0.28 UJ	0.67 J	< 0.28 UJ	0.55 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.55 UJ	< 0.55 UJ	0.41 J	0.25 J	< 0.28 UJ	< 0.28 UJ
OA3501201333-35	32	36	0.41 J	< 0.27 UJ	0.27 J	< 0.27 UJ	0.40 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.28 J	< 0.54 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ
OA3501201337-39	36	40	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.57 UJ	< 0.57 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA3501201341-43	40	44	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.55 UJ	< 0.55 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ
OA3501201345-47	44	48	1.8 J	1.2 J	1.3 J	< 0.28 UJ	1.4 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.54 J	1.2 J	1.6 J	0.86 J	0.25 J	< 0.28 UJ	< 0.28 UJ
OA3501201349-51	48	52	2.1 J	1.6 J	1.8 J	< 0.28 UJ	2.0 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	1.9 J	1.9 J	1.0 J	0.52 J	< 0.28 UJ	< 0.28 UJ
OA3501201353-55	52	56	2.8 J	1.8 J	2.5 J	< 0.29 UJ	2.2 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	2.2 J	3.2 J	1.3 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ

Abbreviations

cm - Centimeter
MDL - Method detection limit
QCSR - Quality Control Summary Report
SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).
2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
3. Numbers for Total PCB congeners are rounded to three significant figures.

Data Qualifiers

< - Not detected
J - Estimated value (higher than MDL)
U - Not detected
UJ - At an estimated reporting limit

Table 41 - PCB Results for Core OA35
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Top of sediment bed interval (cm)	Bottom of sediment bed interval (cm)	167	168	169	170	177	180	183	187	189	194	195	201	203	206	209	Total PCBs (2009 list)	Total PCBs
Outfall ID OA35 (SDG 1794)																			
OA3501201301	0	2	< 0.32 UJ	< 0.32 UJ	< 0.32 UJ	10 J	6.1 J	24 J	4.9 J	12 J	< 0.32 UJ	5.8 J	2.6 J	1.2 J	6.2 J	4.0 J	6.4 J	310	620
OA3501201303	2	4	6.8 J	< 0.35 UJ	< 0.35 UJ	28 J	16 J	63 J	14 J	34 J	< 0.35 UJ	14 J	7.6 J	2.3 J	15 J	7.8 J	12 J	970	1,900
OA3501201305	4	6	5.5 J	< 0.34 UJ	< 0.34 UJ	23 J	13 J	50 J	12 J	24 J	< 0.34 UJ	11 J	6.5 J	2.2 J	13 J	5.6 J	9.8 J	740	1,500
OA3501201307	6	8	7.7 J	< 0.35 UJ	< 0.35 UJ	32 J	19 J	80 J	18 J	39 J	< 0.35 UJ	16 J	9.2 J	2.8 J	17 J	9.7 J	14 J	1,200	2,400
OA3501201309-11	8	12	1.6 J	< 0.30 UJ	< 0.30 UJ	11 J	5.7 J	23 J	5.8 J	12 J	< 0.30 UJ	5.3 J	3.1 J	1.5 J	6.2 J	3.2 J	4.3 J	350	700
OA3501201313-15	12	16	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.6 J	0.88 J	3.1 J	0.87 J	1.7 J	< 0.27 UJ	1.1 J	< 0.27 UJ	0.22 J	1.0 J	0.99 J	1.5 J	50	100
OA3501201317-19	16	20	0.40 J	< 0.28 UJ	< 0.28 UJ	3.2 J	1.6 J	4.4 J	1.0 J	2.1 J	< 0.28 UJ	1.3 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.84 J	< 0.28 UJ	74	150
OA3501201321-23	20	24	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	1.1 J	0.35 J	0.57 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	15	30
OA3501201325-27	24	28	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.59 J	< 0.27 UJ	0.29 J	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	6.2	14
OA3501201329-31	28	32	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.20 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	2.8	6.3
OA3501201333-35	32	36	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	0.75	2.2
OA3501201337-39	36	40	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	ND	ND
OA3501201341-43	40	44	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	ND	ND
OA3501201345-47	44	48	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.98 J	0.19 J	0.37 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	10	20
OA3501201349-51	48	52	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	0.30 J	1.3 J	0.46 J	0.52 J	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	< 0.28 UJ	12	25
OA3501201353-55	52	56	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	0.74 J	< 0.29 UJ	1.6 J	< 0.29 UJ	0.52 J	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	16	30

Abbreviations

cm - Centimeter

MDL - Method detection limit

QCSR - Quality Control Summary Report

SDG - Sample delivery group

Notes

1. Analytical results for PCB compounds are in micrograms per kilogram (parts per billion).

2. Indicated data qualifiers are the final validated qualifiers; associated reason codes are presented in the QCSR.

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