

APPENDIX R
PCB RESULTS – WATER SAMPLES (HIGH RESOLUTION)

Table 1 - Transect BA1 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Depth (m)</i>	<i>8</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>70/74</i>	<i>66</i>	<i>77*</i>	<i>81*</i>	<i>87/119</i>	<i>99</i>	<i>101</i>
BA1B																
BA1B-WO5-0915-1	5	< 1.9 U	< 3 U	< 4.57 U	< 3.64 U	< 0.73 U	< 5.3 U	1.41 J	3.65 J	< 2.75 U	< 1.1 U	< 0.25 U	< 0.26 U	1.4 J	0.76 J	1.87 J
BA1B-WO75-0915-1	75	3.9 J	< 3.1 U	5.70 J	4.39 J	< 1.2 U	8.67 J	2.9 J	6.70 J	6.31 J	3.82 J	< 0.26 U	< 0.29 U	3.2 J	2.2 J	4.41 J
BA1B-WO145-0915-1	147	3.7 J	< 3 U	< 4.57 U	< 3.64 U	< 1.56 U	< 0.22 U	2.15 J	4.33 J	4.42 J	2.70 J	< 0.26 U	< 0.28 U	2.57 J	2.16 J	3.43 J
BA1C																
BA1C-WO5-0915-1	5	< 1.6 U	2.20 J	3.40 J	1.80 J	< 2.6 U	3.72 J	< 0.31 U	2.7 J	2.36 J	< 0.39 U	< 0.48 U	< 0.49 U	< 0.30 U	0.970 J	1.48 J
BA1C-WO30-0915-1	30	< 2.1 U	3.70 J	5.10 J	4.10 J	< 4.6 U	7.40 J	< 0.44 U	4.5 J	5.41 J	2.2 J	< 0.79 U	< 0.72 U	< 0.31 U	1.5 J	2.1 J
BA1C-WO55-0915-1	57	< 3.1 U	< 3.0 U	< 3.6 U	< 3.3 U	< 4.8 U	5.39 J	1.4 J	5.21 J	4.5 J	4.03 J	< 0.70 U	< 0.71 U	< 0.66 U	3.0 J	4.07 J
BA1C-WO60-0915-1	59	< 1.6 U	2.3 J	4.80 J	3.4 J	< 3.2 U	6.54 J	1.58 J	4.64 J	4.15 J	2.26 J	< 0.63 U	< 0.60 U	< 0.36 U	1.71 J	2.83 J
BA1DC																
BA1DC-WO5-0915-1	5	2.1 J	1.78 J	2.54 J	2.05 J	0.55 J	< 5.0 U	1.22 J	2.31 J	2.36 J	1.17 J	0.250 J	< 0.20 U	1.49 J	0.980 J	1.57 J
BA1DC-WO5-0915-2	5	2.4 J	2.11 J	2.58 J	1.99 J	0.47 J	< 5.0 U	0.970 J	2.4 J	2.0 J	1.0 J	< 0.19 UJ	< 0.19 U	0.87 J	0.63 J	1.71 J
BA1DC-WO20-0915-1	20	< 1.1 U	3.00 J	3.8 J	2.40 J	< 2.7 U	5.01 J	1.89 J	4.65 J	3.63 J	2.07 J	< 0.43 U	< 0.42 U	< 0.30 U	1.79 J	2.43 J
BA1DC-WO35-0915-1	35	< 1.2 U	2.50 J	3.6 J	2.5 J	< 2.6 U	3.4 J	1.10 J	3.58 J	2.68 J	1.2 J	< 0.54 U	< 0.53 U	< 0.29 U	< 0.36 U	1.25 J

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters below surface
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

- Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
 - The data qualifiers are final; associated reason codes will be presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
 - An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.
- * Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
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Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Depth (m)	105*	110	114*	118*	123*	126*	128	138	149	151	153/168	156*/157*	158	167*	169*
BA1B																
BA1B-WO5-0915-1	5	0.730 J	< 2.5 U	< 0.14 U	< 1.34 U	< 0.16 U	< 0.15 U	< 0.16 U	< 1.57 U	< 1.23 U	< 0.52 U	< 0.87 U	< 0.376 U	< 0.12 U	< 0.13 U	< 0.14 U
BA1B-WO75-0915-1	75	1.4 J	5.97 J	< 0.17 U	3.34 J	< 0.19 U	< 0.18 U	0.33 J	2.73 J	1.84 J	0.99 J	1.89 J	< 0.28 U	0.310 J	< 0.14 U	< 0.15 U
BA1B-WO145-0915-1	147	1.41 J	4.22 J	< 0.15 U	2.68 J	< 0.16 U	< 0.15 U	0.280 J	2.55 J	2.11 J	0.970 J	1.7 J	< 0.376 U	0.25 J	< 0.12 U	< 0.13 U
BA1C																
BA1C-WO5-0915-1	5	< 0.26 U	1.4 J	< 0.27 U	1.19 J	< 0.28 U	< 0.34 U	< 0.21 U	1.61 J	< 0.23 U	< 0.16 U	< 0.92 U	< 0.21 U	< 0.16 U	< 0.17 U	< 0.20 U
BA1C-WO30-0915-1	30	< 0.34 U	2.7 J	< 0.35 U	1.6 J	< 0.36 U	< 0.60 U	< 0.25 U	2.2 J	1.22 J	< 0.26 U	1.82 J	< 0.23 U	< 0.18 U	< 0.18 U	< 0.30 U
BA1C-WO55-0915-1	57	1.1 J	4.61 J	< 0.44 U	3.75 J	< 0.44 U	< 0.57 U	< 0.31 U	4.54 J	1.9 J	< 0.37 U	3.46 J	< 0.29 U	< 0.22 U	< 0.24 U	< 0.29 U
BA1C-WO60-0915-1	59	< 0.30 U	3.55 J	< 0.29 U	1.92 J	< 0.30 U	< 0.38 U	< 0.25 U	2.40 J	1.51 J	0.700 J	1.4 J	< 0.23 U	< 0.18 U	< 0.19 U	< 0.24 U
BA1DC																
BA1DC-WO5-0915-1	5	0.60 J	1.7 J	< 0.093 U	1.05 J	< 0.11 U	< 0.090 U	< 0.11 U	0.910 J	0.86 J	0.25 J	0.81 J	< 0.12 U	< 0.087 U	< 0.090 U	< 0.095 U
BA1DC-WO5-0915-2	5	0.27 J	1.60 J	< 0.093 U	0.79 J	< 0.11 U	< 0.10 U	< 0.079 U	0.914 J	0.689 J	0.19 J	0.634 J	< 0.089 U	< 0.063 U	< 0.064 U	< 0.075 U
BA1DC-WO20-0915-1	20	0.48 J	2.25 J	< 0.24 U	1.72 J	< 0.25 U	< 0.33 U	< 0.30 U	1.75 J	1.18 J	< 0.17 U	1.5 J	< 0.28 U	< 0.22 U	< 0.23 U	< 0.30 U
BA1DC-WO35-0915-1	35	< 0.27 U	1.16 J	< 0.27 U	0.90 J	< 0.28 U	< 0.35 U	< 0.24 U	1.2 J	0.55 J	< 0.20 U	< 0.22 U	< 0.23 U	< 0.17 U	< 0.18 U	< 0.23 U

Abbreviations

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QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

1. Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
2. The data qualifiers are final; associated reason codes will be presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.
* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Data Qualifiers

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Sample ID	Depth (m)	170	177	180	183	187	189*	194	195	201	203	206	209	Total PCBs (ND = 0)
BA1B														
BA1B-WO5-0915-1	5	< 0.38 U	0.190 J	< 0.53 U	< 0.14 U	< 0.23 U	< 0.15 U	< 0.13 U	< 0.14 U	< 0.11 U	< 0.13 U	< 0.59 U	2.6 J	13
BA1B-WO75-0915-1	75	< 0.28 U	0.230 J	0.720 J	< 0.15 U	0.430 J	< 0.21 U	< 0.14 U	< 0.14 U	< 0.1 U	< 0.13 U	< 0.64 U	2.43 J	75
BA1B-WO145-0915-1	147	< 0.38 U	0.19 J	0.590 J	0.16 J	0.400 J	< 0.16 U	< 0.14 U	< 0.14 U	< 0.1 U	< 0.13 U	< 0.66 U	< 1.1 U	43
BA1C														
BA1C-WO5-0915-1	5	< 0.58 U	< 0.56 U	< 0.44 U	< 0.51 U	< 0.46 U	< 0.50 U	< 0.21 U	< 0.22 U	< 0.15 U	< 0.19 U	< 0.74 U	< 0.16 U	23
BA1C-WO30-0915-1	30	< 0.56 U	< 0.55 U	< 0.42 U	< 0.50 U	< 0.45 U	< 0.49 U	< 0.24 U	< 0.25 U	< 0.14 U	< 0.18 U	< 0.78 U	< 0.24 U	46
BA1C-WO55-0915-1	57	< 0.67 U	< 0.66 U	< 0.51 U	< 0.60 U	0.97 J	< 0.51 U	< 0.26 U	< 0.27 U	< 0.16 U	< 0.20 U	< 0.96 U	< 0.18 U	48
BA1C-WO60-0915-1	59	< 0.52 U	< 0.51 U	< 0.39 U	< 0.46 U	< 0.42 U	< 0.41 U	< 0.21 U	< 0.22 U	< 0.13 U	< 0.17 U	< 0.71 U	0.650 J	46
BA1DC														
BA1DC-WO5-0915-1	5	< 0.10 UJ	0.150 J	0.32 J	< 0.097 U	0.16 J	< 0.096 U	< 0.083 U	< 0.090 U	< 0.071 U	< 0.084 U	< 0.48 U	0.650 J	28
BA1DC-WO5-0915-2	5	0.140 J	< 0.092 UJ	0.272 J	< 0.082 U	0.21 J	< 0.073 U	< 0.078 U	< 0.085 U	< 0.062 U	< 0.073 U	< 0.46 U	0.44 J	26
BA1DC-WO20-0915-1	20	< 0.46 U	< 0.45 U	< 0.35 U	< 0.41 U	< 0.37 U	< 0.42 U	< 0.19 U	< 0.19 U	< 0.11 U	< 0.14 U	< 0.59 U	< 0.17 U	40
BA1DC-WO35-0915-1	35	< 0.48 U	< 0.47 U	< 0.37 U	< 0.43 U	< 0.39 U	< 0.43 U	< 0.21 U	< 0.21 U	< 0.12 U	< 0.15 U	< 0.65 U	0.42 J	26
													IROD AWQC (human health) [pg/L]	64
													IROD AWQC (ecological) [pg/L]	30,000

Abbreviations

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Total PCBs (ND = 0) - Sum of 46 PCB congeners (Non-detects = Zero)

Shaded cells show Total PCBs greater than the IROD AWQC (human health)

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BA2B																
BA2B-WO5-0915-1	5	< 0.93 U	4.20 J	2.60 J	1.90 J	< 2.2 U	3.39 J	< 0.30 U	< 0.46 U	1.7 J	< 0.37 U	< 0.51 U	< 0.49 U	< 0.27 U	< 0.37 U	< 0.90 U
BA2B-WO75-0915-1	75	< 0.85 U	4.00 J	2.50 J	1.70 J	< 2.4 U	3.39 J	< 0.39 U	3.01 J	1.84 J	< 0.36 U	< 0.48 U	< 0.47 U	< 0.28 U	0.780 J	1.1 J
BA2B-WO145-0915-1	145	3.63 J	4.66 J	6.68 J	5.47 J	1.79 J	29.0 J	3.17 J	7.86 J	6.27 J	3.82 J	0.33 J	< 0.20 U	1.7 J	1.8 J	4.20 J
BA2C																
BA2C-WO5-0915-1	5	2.91 J	3.59 J	3.8 J	3.2 J	0.84 J	5.05 J	1.4 J	3.76 J	3.08 J	1.94 J	0.20 J	< 0.14 U	0.86 J	0.984 J	2.16 J
BA2C-WO30-0915-1	30	< 0.92 U	4.40 J	4.00 J	2.50 J	< 2.1 U	4.34 J	1.5 J	4.78 J	3.82 J	2.26 J	< 0.51 U	< 0.48 U	2.14 J	1.61 J	2.56 J
BA2C-WO55-0915-1	55	< 0.83 U	3.60 J	2.8 J	2.00 J	< 2.6 U	3.31 J	< 0.25 U	2.3 J	1.99 J	< 0.36 U	< 0.49 U	< 0.48 U	1.3 J	1.37 J	1.90 J
BA2DC																
BA2DC-WO5-0915-1	5	< 0.63 U	5.40 J	3.20 J	2.30 J	< 1.9 U	3.49 J	1.2 J	3.1 J	2.15 J	1.45 J	< 0.44 U	< 0.40 U	1.1 J	1.31 J	1.75 J
BA2DC-WO20-0915-1	20	< 9.0 U	< 3.2 U	4.90 J	< 2.9 U	< 3.8 U	5.0 J	2.37 J	5.0 J	< 0.62 U	< 0.64 U	< 0.75 U	< 0.73 U	< 0.68 U	1.8 J	3.15 J
BA2DC-WO35-0915-1	39	< 5.2 U	< 2.3 U	3.80 J	< 2.0 U	< 2.4 U	4.86 J	1.61 J	3.47 J	3.1 J	2.1 J	< 0.41 U	< 0.43 U	< 0.53 U	< 0.64 U	2.33 J

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BA2B																
BA2B-WO5-0915-1	5	< 0.31 U	1.01 J	< 0.33 U	0.650 J	< 0.36 U	< 0.40 U	< 0.28 U	0.980 J	< 0.39 U	< 0.24 U	< 0.82 U	< 0.27 U	< 0.21 U	< 0.22 U	< 0.25 U
BA2B-WO75-0915-1	75	< 0.24 U	1.4 J	< 0.25 U	1.37 J	< 0.27 U	< 0.32 U	< 0.32 U	1.47 J	< 0.44 U	< 0.41 U	1.17 J	< 0.30 U	< 0.24 U	< 0.25 U	< 0.29 U
BA2B-WO145-0915-1	145	1.26 J	5.14 J	< 0.14 U	2.63 J	< 0.15 U	< 0.13 U	0.418 J	4.1 J	3.08 J	1.35 J	2.58 J	0.30 J	0.336 J	< 0.069 U	< 0.076 U
BA2C																
BA2C-WO5-0915-1	5	0.524 J	2.82 J	< 0.077 U	1.45 J	< 0.086 U	< 0.075 U	0.272 J	1.98 J	1.49 J	0.57 J	1.35 J	0.193 J	0.16 J	0.0870 J	< 0.047 U
BA2C-WO30-0915-1	30	1.31 J	2.70 J	< 0.27 U	1.8 J	< 0.28 U	< 0.31 U	< 0.21 U	2.37 J	1.82 J	< 0.22 U	1.83 J	< 0.19 U	< 0.16 U	< 0.16 U	< 0.18 U
BA2C-WO55-0915-1	55	< 0.27 U	2.00 J	< 0.29 U	1.2 J	< 0.31 U	< 0.34 U	< 0.25 U	1.66 J	< 0.35 U	< 0.30 U	1.52 J	< 0.23 U	< 0.19 U	< 0.20 U	< 0.22 U
BA2DC																
BA2DC-WO5-0915-1	5	< 0.18 U	1.67 J	< 0.19 U	1.1 J	< 0.20 U	< 0.25 U	< 0.20 U	1.5 J	< 0.27 U	< 0.19 U	1.16 J	< 0.18 U	< 0.15 U	< 0.15 U	< 0.19 U
BA2DC-WO20-0915-1	20	1.5 J	2.6 J	< 0.81 U	2.85 J	< 0.78 U	< 0.88 U	< 0.40 U	1.7 J	1.3 J	< 0.37 U	1.7 J	< 0.47 U	< 0.32 U	< 0.34 U	< 0.39 U
BA2DC-WO35-0915-1	39	< 0.53 U	< 0.49 U	< 0.53 U	< 0.53 U	< 0.54 U	< 0.60 U	< 0.25 U	1.62 J	1.02 J	< 0.26 U	1.1 J	< 0.28 U	< 0.20 U	< 0.22 U	< 0.24 U

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BA2B														
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BA2B-WO75-0915-1	75	< 0.48 U	< 0.52 U	< 0.38 U	< 0.51 U	< 0.42 U	< 0.39 U	< 0.19 U	< 0.21 U	< 0.13 U	< 0.14 U	< 0.61 U	0.43 J	24
BA2B-WO145-0915-1	145	0.56 J	0.461 J	1.07 J	< 0.081 U	0.813 J	< 0.085 U	0.10 J	< 0.081 U	< 0.063 U	< 0.074 U	< 0.49 U	0.560 J	110
BA2C														
BA2C-WO5-0915-1	5	0.30 J	0.173 J	0.594 J	0.15 J	0.31 J	< 0.075 U	< 0.069 U	< 0.075 U	< 0.044 U	0.064 J	< 0.37 U	0.421 J	47
BA2C-WO30-0915-1	30	< 0.44 U	< 0.48 U	< 0.34 U	< 0.46 U	< 0.39 U	< 0.40 U	< 0.16 U	< 0.18 U	< 0.098 U	< 0.10 U	< 0.53 U	0.56 J	46
BA2C-WO55-0915-1	55	< 0.39 U	< 0.43 U	< 0.31 U	< 0.41 U	< 0.35 U	< 0.41 U	< 0.14 U	< 0.15 U	< 0.097 U	< 0.10 U	< 0.53 U	< 0.13 U	27
BA2DC														
BA2DC-WO5-0915-1	5	< 0.38 U	< 0.41 U	< 0.29 U	< 0.39 U	< 0.33 U	< 0.34 U	< 0.18 U	< 0.20 U	< 0.096 U	< 0.10 U	< 0.49 U	0.34 J	32
BA2DC-WO20-0915-1	20	< 1.1 U	< 1.1 U	< 0.86 U	< 1.0 U	< 0.87 U	< 1.0 U	< 0.34 U	< 0.36 U	< 0.24 U	< 0.30 U	< 0.90 U	< 0.34 U	34
BA2DC-WO35-0915-1	39	< 0.79 U	< 0.79 U	< 0.60 U	< 0.70 U	< 0.60 U	< 0.71 U	< 0.23 U	< 0.24 U	< 0.16 U	< 0.20 U	< 0.57 U	0.51 J	26
													IROD AWQC (human health) [pg/L]	
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* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).
Total PCBs (ND = 0) - Sum of 46 PCB congeners (Non-detects = Zero)
Shaded cells show Total PCBs greater than the IROD AWQC (human health)

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< - not detected above the estimated detection limit (EDL) shown
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Table 3 - Transect BA3 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Depth (m)	8	18	28	31	37	44	49	52	70/74	66	77*	81*	87/119	99	101
BA3B																
BA3B-WO5-0915-1	5	< 2.6 U	2.8 J	4.43 J	3.52 J	0.460 J	8.15 J	4.53 J	5.04 J	6.14 J	2.30 J	< 0.27 U	< 0.27 U	3.93 J	1.8 J	4.01 J
BA3B-WO80-0915-1	80	2.0 J	1.80 J	2.58 J	2.19 J	0.440 J	< 5.0 U	1.29 J	2.79 J	2.60 J	1.79 J	< 0.20 U	< 0.21 U	0.77 J	0.920 J	1.82 J
BA3B-WO145-0915-1	153	1.99 J	2.15 J	3.25 J	2.3 J	0.750 J	5.89 J	2.50 J	4.51 J	6.16 J	4.29 J	0.380 J	< 0.20 U	1.8 J	2.76 J	4.63 J
BA3C																
BA3C-WO5-0915-1	5	< 8.6 U	< 3.4 U	< 3.2 U	< 3.2 U	< 3.6 U	3.29 J	< 0.73 U	3.01 J	< 0.61 U	< 0.63 U	< 0.68 U	< 0.69 U	< 0.69 U	< 0.84 U	1.81 J
BA3C-WO5-1115-1	5	< 2.5 U	< 4.6 U	< 20 U	< 13 U	< 6.1 U	< 5.2 U	1.64 J	< 3.9 U	< 6.2 U	< 3.4 U	< 0.19 U	< 0.17 U	2.04 J	1.2 J	2.67 J
BA3C-WO30-0915-1	30	< 7.8 U	< 3.5 U	4.50 J	< 3.5 U	< 3.9 U	5.6 J	2.68 J	5.99 J	6.52 J	5.13 J	< 0.86 U	< 0.90 U	2.61 J	1.6 J	4.33 J
BA3C-WO55-0915-1	55	< 2.5 U	< 2.0 U	< 1.9 U	< 1.9 U	< 2.1 U	4.00 J	1.4 J	3.57 J	3.41 J	2.22 J	< 0.49 U	< 0.50 U	1.6 J	1.0 J	2.13 J
BA3C-WO58-0915-1	58	< 4.0 U	< 1.8 U	< 1.9 U	< 1.8 U	< 2.2 U	5.08 J	1.84 J	3.75 J	3.4 J	1.98 J	< 0.38 U	< 0.39 U	1.5 J	< 0.67 U	2.6 J
BA3DC																
BA3DC-WO5-0915-1	5	< 5.1 U	< 2.6 U	< 2.6 U	< 2.5 U	< 3.3 U	3.04 J	0.900 J	2.2 J	< 0.45 U	< 0.46 U	< 0.54 U	< 0.51 U	< 0.50 U	< 0.61 U	< 0.53 U
BA3DC-WO20-0915-1	20	< 2.8 U	< 2.4 U	4.00 J	3.0 J	< 2.7 U	7.05 J	3.75 J	6.96 J	10.3	7.22 J	< 0.78 U	< 0.78 U	4.32 J	3.83 J	6.2 J
BA3DC-WO35-0915-1	38	< 2.9 U	< 1.9 U	6.30 J	3.0 J	< 2.6 U	8.14 J	4.0 J	8.80	10.6	7.23 J	< 0.58 U	< 0.59 U	5.30 J	5.00 J	6.30 J

Abbreviations

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m - meters below surface
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1. Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
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First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Depth (m)</i>	<i>105*</i>	<i>110</i>	<i>114*</i>	<i>118*</i>	<i>123*</i>	<i>126*</i>	<i>128</i>	<i>138</i>	<i>149</i>	<i>151</i>	<i>153/168</i>	<i>156*/157*</i>	<i>158</i>	<i>167*</i>	<i>169*</i>
BA3B																
BA3B-WO5-0915-1	5	0.790 J	3.2 J	0.32 J	1.4 J	0.36 J	< 0.10 U	0.48 J	1.35 J	1.44 J	1.25 J	1.50 J	0.190 J	0.290 J	0.150 J	< 0.11 U
BA3B-WO80-0915-1	80	0.530 J	2.4 J	< 0.097 U	1.43 J	< 0.11 U	< 0.10 U	0.190 J	1.22 J	0.930 J	0.473 J	0.97 J	< 0.11 U	0.100 J	< 0.086 U	< 0.093 U
BA3B-WO145-0915-1	153	1.85 J	5.4 J	0.20 J	4.07 J	< 0.11 U	< 0.098 U	0.409 J	3.68 J	2.04 J	0.938 J	2.47 J	0.30 J	0.363 J	0.15 J	< 0.064 U
BA3C																
BA3C-WO5-0915-1	5	< 0.61 U	1.71 J	< 0.65 U	< 0.66 U	< 0.72 U	< 0.75 U	< 0.37 U	1.2 J	< 0.40 U	< 0.30 U	1.17 J	< 0.41 U	< 0.29 U	< 0.31 U	< 0.35 U
BA3C-WO5-1115-1	5	0.85 J	3.0 J	< 0.43 U	1.88 J	< 0.44 U	< 0.45 U	< 0.12 U	1.88 J	1.19 J	0.490 J	1.32 J	0.300 J	< 0.094 U	< 0.10 U	< 0.11 U
BA3C-WO30-0915-1	30	< 0.56 U	5.31 J	< 0.58 U	3.15 J	< 0.63 U	< 0.68 U	< 0.51 U	2.0 J	1.5 J	< 0.43 U	1.7 J	< 0.58 U	< 0.40 U	< 0.44 U	< 0.48 U
BA3C-WO55-0915-1	55	< 0.26 U	2.40 J	< 0.30 U	2.14 J	< 0.31 U	< 0.33 U	< 0.24 U	1.6 J	0.79 J	< 0.22 U	1.28 J	< 0.25 U	< 0.19 U	< 0.19 U	< 0.19 U
BA3C-WO58-0915-1	58	< 0.35 U	3.42 J	< 0.36 U	1.98 J	< 0.37 U	< 0.40 U	< 0.27 U	1.90 J	< 0.29 U	< 0.24 U	< 0.24 U	< 0.30 U	< 0.21 U	< 0.23 U	< 0.25 U
BA3DC																
BA3DC-WO5-0915-1	5	< 0.44 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.47 U	< 0.56 U	< 0.24 U	0.980 J	0.610 J	< 0.24 U	0.85 J	< 0.27 U	< 0.19 U	< 0.20 U	< 0.24 U
BA3DC-WO20-0915-1	20	3.1 J	8.15	< 0.50 U	6.46 J	< 0.53 U	< 0.58 U	< 0.41 U	5.7 J	2.5 J	< 0.34 U	3.4 J	< 0.42 U	< 0.33 U	< 0.32 U	< 0.34 U
BA3DC-WO35-0915-1	38	2.50 J	9.10	< 0.47 U	6.18 J	< 0.52 U	< 0.54 U	< 0.38 U	5.22 J	2.93 J	< 0.30 U	3.34 J	< 0.39 U	< 0.30 U	< 0.31 U	< 0.30 U

Abbreviations

EDL - estimated detection limit (sample specific)
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- Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
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Sample ID	Depth (m)	170	177	180	183	187	189*	194	195	201	203	206	209	Total PCBs (ND = 0)
BA3B														
BA3B-WO5-0915-1	5	0.18 J	0.17 J	0.444 J	0.14 J	0.314 J	< 0.10 U	< 0.089 U	< 0.097 U	0.17 J	0.097 J	< 0.46 U	0.347 J	62
BA3B-WO80-0915-1	80	0.15 J	< 0.085 U	0.335 J	0.12 J	0.17 J	< 0.095 U	< 0.098 U	< 0.11 U	< 0.065 U	< 0.077 U	< 0.53 U	0.40 J	30
BA3B-WO145-0915-1	153	0.36 J	0.34 J	0.97 J	0.317 J	0.56 J	< 0.10 U	0.266 J	< 0.094 U	< 0.084 U	0.17 J	< 0.44 U	0.564 J	69
BA3C														
BA3C-WO5-0915-1	5	< 1.1 U	< 1.1 U	< 0.83 U	< 0.97 U	< 0.83 U	< 0.92 U	< 0.28 U	< 0.29 U	< 0.21 U	< 0.26 U	< 0.90 U	0.43 J	13
BA3C-WO5-1115-1	5	< 0.19 U	< 0.19 U	0.50 J	< 0.17 U	0.28 J	< 0.12 U	< 0.12 U	< 0.12 U	< 0.090 U	< 0.11 U	< 0.24 U	< 0.52 U	19
BA3C-WO30-0915-1	30	< 0.91 U	< 0.92 U	< 0.69 U	< 0.81 U	< 0.69 U	< 0.87 U	< 0.28 U	< 0.29 U	< 0.26 U	< 0.32 U	< 0.76 U	< 0.25 U	53
BA3C-WO55-0915-1	55	< 0.54 U	< 0.58 U	< 0.42 U	< 0.54 U	< 0.44 U	< 0.54 U	< 0.17 U	< 0.19 U	< 0.12 U	< 0.12 U	< 0.47 U	0.480 J	28
BA3C-WO58-0915-1	58	< 0.63 U	< 0.63 U	< 0.48 U	< 0.56 U	< 0.48 U	< 0.47 U	< 0.22 U	< 0.23 U	< 0.15 U	< 0.18 U	< 0.49 U	0.45 J	28
BA3DC														
BA3DC-WO5-0915-1	5	< 0.60 U	< 0.61 U	< 0.46 U	< 0.54 U	< 0.46 U	< 0.67 U	< 0.21 U	< 0.22 U	< 0.17 U	< 0.21 U	< 0.55 U	0.40 J	9.0
BA3DC-WO20-0915-1	20	< 0.86 U	< 0.92 U	1.96 J	< 0.85 U	< 0.69 U	< 0.67 U	< 0.26 U	< 0.29 U	< 0.26 U	< 0.28 U	< 0.65 U	2.19 J	90
BA3DC-WO35-0915-1	38	< 0.74 U	< 0.79 U	< 0.57 U	< 0.73 U	< 0.60 U	< 0.51 U	< 0.25 U	< 0.28 U	< 0.15 U	< 0.15 U	< 0.64 U	1.83 J	96
IROD AWQC (human health) [pg/L]													64	
IROD AWQC (ecological) [pg/L]													30,000	

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First MNR Report
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<i>Sample ID</i>	<i>Depth (m)</i>	<i>8</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>70/74</i>	<i>66</i>	<i>77*</i>	<i>81*</i>	<i>87/119</i>	<i>99</i>	<i>101</i>
BA4B																
BA4B-WO5-0915-1	5	< 2.1 U	2.50 J	4.40 J	3.20 J	< 1.7 U	3.27 J	< 0.24 U	2.71 J	1.1 J	0.40 J	< 0.30 U	< 0.27 U	0.790 J	0.61 J	1.15 J
BA4B-WO75-0915-1	75	< 3.2 U	2.8 J	6.30 J	4.80 J	< 4.0 U	7.2 J	< 0.59 U	8.64 J	7.86	4.88 J	< 0.91 U	< 0.81 U	3.31 J	3.22 J	4.2 J
BA4B-WO145-0915-1	141	< 1.4 U	3.43 J	6.90 J	4.70 J	< 1.7 U	8.08	< 0.23 U	8.88 J	8.94	5.46 J	< 0.42 U	< 0.39 U	2.2 J	3.69 J	5.68 J
BA4C																
BA4C-WO5-0915-1	5	< 1.3 U	2.19 J	2.5 J	2.2 J	< 1.1 U	3.58 J	< 0.18 U	2.72 J	1.5 J	0.49 J	< 0.28 U	< 0.27 U	0.97 J	0.57 J	1.36 J
BA4C-WO30-0915-1	30	< 1.5 U	3.0 J	4.08 J	2.9 J	< 1.5 U	4.71 J	1.1 J	3.45 J	2.46 J	< 0.29 U	< 0.39 U	< 0.39 U	1.1 J	0.88 J	1.53 J
BA4C-WO55-0915-1	55	3.90 J	3.14 J	4.8 J	2.8 J	< 1.6 U	5.35 J	< 0.30 U	5.01 J	4.16 J	2.0 J	< 0.41 U	< 0.37 U	1.2 J	1.72 J	2.65 J
BA4C-WO58-0915-1	58	< 1.1 U	4.25 J	12.1	6.19 J	1.50 J	14.2	< 0.17 U	16.4 J	17.3	13.5	< 0.38 U	< 0.37 U	5.5 J	8.11	12.9
BA4DC																
BA4DC-WO5-0915-1	5	< 4.5 U	1.90 J	3.19 J	2.42 J	< 0.80 U	< 5.0 U	1.85 J	3.54 J	3.1 J	2.18 J	< 0.48 U	< 0.47 U	1.63 J	1.5 J	1.8 J
BA4DC-WO20-0915-1	20	< 4.9 U	1.82 J	2.83 J	2.03 J	< 0.78 U	5.21 J	1.79 J	3.2 J	3.60 J	2.61 J	< 0.36 U	< 0.39 U	1.3 J	1.43 J	2.69 J
BA4DC-WO35-0915-1	36	2.8 J	2.49 J	6.00 J	4.58 J	0.86 J	8.57 J	4.33 J	7.79 J	11.5 J	7.33 J	0.470 J	< 0.21 U	2.6 J	3.83 J	6.80 J

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BA4B																
BA4B-WO5-0915-1	5	< 0.20 U	1.49 J	< 0.20 U	0.920 J	< 0.21 U	< 0.27 U	< 0.21 U	0.87 J	0.910 J	< 0.19 U	0.600 J	< 0.19 U	< 0.16 U	< 0.15 U	< 0.19 U
BA4B-WO75-0915-1	75	2.06 J	5.74 J	< 0.34 U	3.81 J	< 0.34 U	< 0.58 U	< 0.27 U	2.6 J	2.35 J	0.64 J	2.57 J	< 0.26 U	< 0.21 U	< 0.21 U	< 0.34 U
BA4B-WO145-0915-1	141	1.9 J	6.94 J	< 0.19 U	4.46 J	< 0.19 U	< 0.30 U	< 0.15 U	4.07 J	2.88 J	1.42 J	2.94 J	< 0.15 U	< 0.11 U	< 0.12 U	< 0.18 U
BA4C																
BA4C-WO5-0915-1	5	0.390 J	1.30 J	< 0.15 U	1.28 J	< 0.16 U	< 0.18 U	< 0.13 U	1.48 J	0.83 J	< 0.14 U	0.830 J	< 0.12 U	< 0.10 U	< 0.093 U	< 0.11 U
BA4C-WO30-0915-1	30	0.730 J	1.67 J	< 0.18 U	0.82 J	< 0.19 U	< 0.24 U	< 0.26 U	1.55 J	0.96 J	0.45 J	0.920 J	< 0.27 U	< 0.20 U	< 0.21 U	< 0.26 U
BA4C-WO55-0915-1	55	0.92 J	2.8 J	< 0.21 U	2.01 J	< 0.23 U	< 0.35 U	< 0.19 U	2.21 J	1.73 J	0.630 J	1.45 J	< 0.18 U	< 0.14 U	< 0.15 U	< 0.23 U
BA4C-WO58-0915-1	58	3.65 J	15.6	< 0.17 U	9.44	< 0.18 U	< 0.20 U	1.00 J	8.21	5.30 J	2.56 J	6.06 J	< 0.23 U	< 0.18 U	< 0.18 U	< 0.22 U
BA4DC																
BA4DC-WO5-0915-1	5	0.79 J	2.24 J	< 0.28 U	1.2 J	< 0.30 U	< 0.29 U	0.35 J	1.1 J	1.12 J	< 0.23 U	1.15 J	< 0.30 U	< 0.19 U	< 0.23 U	< 0.23 U
BA4DC-WO20-0915-1	20	0.96 J	2.83 J	< 0.30 U	2.10 J	< 0.32 U	< 0.28 U	< 0.18 U	1.2 J	1.02 J	< 0.27 U	1.1 J	< 0.22 U	< 0.14 U	< 0.18 U	< 0.15 U
BA4DC-WO35-0915-1	36	2.32 J	8.22 J	< 0.12 U	5.58 J	< 0.12 U	< 0.12 U	0.45 J	4.12 J	3.10 J	1.3 J	3.46 J	0.380 J	0.36 J	0.14 J	< 0.086 U

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BA4B															
BA4B-WO5-0915-1		5	< 0.48 U	< 0.49 U	< 0.37 U	< 0.44 U	< 0.37 U	< 0.38 U	< 0.13 U	< 0.14 U	< 0.12 U	< 0.14 U	< 0.45 U	0.81 J	26
BA4B-WO75-0915-1		75	< 0.73 U	< 0.74 U	< 0.57 U	< 0.67 U	< 0.56 U	< 0.70 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.26 U	< 0.81 U	0.740 J	74
BA4B-WO145-0915-1		141	< 0.44 U	< 0.45 U	0.750 J	< 0.41 U	0.710 J	< 0.39 U	< 0.14 U	< 0.15 U	< 0.082 U	< 0.095 U	< 0.37 U	0.600 J	85
BA4C															
BA4C-WO5-0915-1		5	< 0.44 U	< 0.45 U	< 0.34 U	< 0.41 U	< 0.34 U	< 0.30 U	< 0.13 U	< 0.14 U	< 0.11 U	< 0.13 U	< 0.48 U	< 0.35 U	24
BA4C-WO30-0915-1		30	< 0.44 U	< 0.45 U	< 0.35 U	< 0.41 U	< 0.34 U	< 0.38 U	< 0.13 U	< 0.14 U	< 0.11 U	< 0.13 U	< 0.70 U	0.32 J	33
BA4C-WO55-0915-1		55	< 0.34 U	< 0.34 U	< 0.26 U	< 0.31 U	< 0.26 U	< 0.45 U	< 0.13 U	< 0.14 U	< 0.10 U	< 0.12 U	< 0.45 U	0.790 J	50
BA4C-WO58-0915-1		58	< 0.42 U	0.550 J	1.70 J	0.760 J	1.27 J	< 0.26 U	< 0.11 U	< 0.12 U	< 0.098 U	< 0.11 U	< 0.45 U	< 0.083 U	170
BA4DC															
BA4DC-WO5-0915-1		5	< 0.22 U	< 0.23 U	0.31 J	< 0.21 U	< 0.17 U	< 0.17 U	< 0.18 U	< 0.18 U	< 0.14 U	< 0.17 U	< 0.83 U	0.510 J	32
BA4DC-WO20-0915-1		20	< 0.20 U	< 0.21 U	0.30 J	< 0.19 U	< 0.16 U	< 0.17 U	< 0.19 U	< 0.19 U	< 0.12 U	< 0.14 U	< 0.79 U	0.38 J	38
BA4DC-WO35-0915-1		36	0.359 J	0.33 J	1.04 J	0.394 J	0.59 J	< 0.092 U	0.099 J	< 0.094 U	< 0.064 U	0.139 J	< 0.37 U	0.622 J	100
													IROD AWQC (human health) [pg/L]		64
													IROD AWQC (ecological) [pg/L]		30,000

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters below surface
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

- Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
- The data qualifiers are final; associated reason codes will be presented in the QCSR.
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- An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.

* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).
Total PCBs (ND = 0) - Sum of 46 PCB congeners (Non-detects = Zero)
Shaded cells show Total PCBs greater than the IROD AWQC (human health)

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
U - not detected
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Table 5 - Transect BA5 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Depth (m)</i>	<i>8</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>70/74</i>	<i>66</i>	<i>77*</i>	<i>81*</i>	<i>87/119</i>	<i>99</i>	<i>101</i>
BA5B																
BA5B-WO5-0915-1	5	< 20 U	< 5.7 U	< 5.6 U	< 5.5 U	< 7.5 U	4.0 J	1.9 J	4.1 J	3.4 J	< 1.2 U	< 1.4 U	< 1.4 U	< 1.9 U	< 2.3 U	4.50 J
BA5B-WO75-0915-1	75	< 13 U	< 3.6 U	< 3.3 U	< 3.2 U	< 4.3 U	5.91 J	2.80 J	4.76 j	5.67 J	3.5 J	< 0.70 U	< 0.74 U	< 1.0 U	2.5 J	4.30 J
BA5B-WO145-0915-1	145	< 6.1 U	2.4 J	5.60 J	3.0 J	< 3.0 U	7.67 J	3.87 J	8.01 j	9.41 J	6.0 J	< 0.54 U	< 0.58 U	3.01 J	4.10 J	6.97 J
BA5C																
BA5C-WO5-0915-1	5	< 17 U	< 4.1 U	< 3.7 U	< 3.6 U	< 4.4 U	5.09 J	1.43 J	2.54 j	2.32 J	< 0.76 U	< 0.84 U	< 0.85 U	< 0.93 U	< 1.1 U	1.2 J
BA5C-WO30-0915-1	30	< 5.4 U	< 2.9 U	< 2.3 U	< 2.3 U	< 3.0 U	4.02 J	1.76 J	2.91 j	2.8 J	2.06 J	< 0.54 U	< 0.55 U	< 0.87 U	< 1.0 U	2.16 J
BA5C-WO55-0915-1	55	< 7.1 U	< 2.6 U	4.9 J	3.9 J	< 3.5 U	8.31 J	3.04 J	7.22 j	8.78 J	5.68 J	< 0.64 U	< 0.63 U	1.7 J	3.80 J	5.69 J
BA5C-WO58-0915-1	59	< 3.6 U	2.7 J	6.90 J	5.60 J	< 3.2 U	10.4 J	5.55 J	11.5 j	14.3 J	7.6 J	< 0.70 U	< 0.72 U	4.5 J	4.72 J	6.71 J
BA5C-WO58-0915-2	59	< 3.7 U	3.90 J	8.90 J	6.30 J	< 3.3 U	12.1 J	6.38 J	14.6 j	17.4 J	11.9 J	< 0.68 U	< 0.67 U	6.04 J	3.9 J	8.1 J
BA5DC																
BA5DC-WO5-0915-1	5	< 2.2 U	< 2.1 U	1.90 J	< 1.8 U	< 2.7 U	3.27 J	1.09 J	2.2 J	2.45 J	1.33 J	< 0.49 U	< 0.49 U	0.92 J	0.77 J	1.2 J
BA5DC-WO20-0915-1	20	< 2.9 U	< 2.4 U	< 2.3 U	< 2.2 U	< 3.3 U	2.91 J	< 0.47 U	2.25 j	1.80 J	< 0.53 U	< 0.62 U	< 0.63 U	0.920 J	< 0.71 U	1.30 J
BA5DC-WO35-0915-1	35	R	R	R	R	R	8.10 J	3.50 J	6.20 j	10.4 J	6.7 J	< 2.9 U	< 2.9 U	< 2.5 U	< 3.1 U	4.5 J
BA5DC-WO38-0915-1	38	< 4.1 U	2.90 J	6.80 J	4.40 J	< 3.3 U	9.5 J	5.53 J	11.7 j	14.3 J	9.1 J	< 0.46 U	< 0.46 U	5.93 J	4.78 J	8.2 J
BA5DC-WO38-0915-2	38	< 2.3 U	2.90 J	8.40 J	5.70 J	< 3.0 U	11.0 J	5.75 J	13.1 j	13.2 J	9.02 J	< 0.72 U	< 0.69 U	4.26 J	4.1 J	8.29 J

Abbreviations

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- * Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
R - rejected result due to a laboratory data quality control issue
U - not detected
UJ - not detected at an estimated reporting limit

Table 5 - Transect BA5 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Depth (m)</i>	<i>105*</i>	<i>110</i>	<i>114*</i>	<i>118*</i>	<i>123*</i>	<i>126*</i>	<i>128</i>	<i>138</i>	<i>149</i>	<i>151</i>	<i>153/168</i>	<i>156*/157*</i>	<i>158</i>	<i>167*</i>	<i>169*</i>
BA5B																
BA5B-WO5-0915-1	5	< 1.8 U	4.2 J	< 1.8 U	< 1.1 U	< 1.9 U	< 2.2 U	< 0.74 U	< 0.84 U	< 0.80 U	0.95 J	< 0.66 U	< 0.84 U	< 0.57 U	< 0.67 U	< 0.73 U
BA5B-WO75-0915-1	75	< 0.81 U	4.05 J	< 0.80 U	3.0 J	< 0.86 U	< 0.92 U	< 0.36 U	2.7 J	1.4 J	< 0.39 U	1.5 J	< 0.40 U	< 0.27 U	< 0.30 U	< 0.34 U
BA5B-WO145-0915-1	145	2.25 J	7.33 J	< 0.62 U	4.2 J	< 0.63 U	< 0.69 U	0.69 J	6.13 J	2.7 J	< 0.33 U	3.3 J	0.690 J	< 0.23 U	< 0.26 U	< 0.30 U
BA5C																
BA5C-WO5-0915-1	5	1.1 J	1.4 J	< 0.73 U	< 1.0 U	< 0.72 U	< 0.82 U	< 0.32 U	1.14 J	1.11 J	< 0.33 U	1.32 J	< 0.36 U	< 0.24 U	< 0.28 U	< 0.32 U
BA5C-WO30-0915-1	30	0.71 J	1.97 J	< 0.55 U	1.8 J	< 0.58 U	< 0.65 U	< 0.29 U	1.4 J	1.2 J	< 0.33 U	0.970 J	< 0.32 U	< 0.22 U	< 0.25 U	< 0.28 U
BA5C-WO55-0915-1	55	2.23 J	6.28 J	< 0.68 U	3.4 J	< 0.67 U	< 0.73 U	< 0.46 U	3.6 J	2.85 J	0.43 J	2.80 J	< 0.52 U	< 0.35 U	< 0.40 U	< 0.44 U
BA5C-WO58-0915-1	59	3.21 J	7.8 J	< 0.50 U	6.15 J	< 0.53 U	< 0.54 U	0.41 J	4.13 J	2.84 J	1.14 J	2.2 J	0.60 J	< 0.27 U	< 0.28 U	< 0.32 U
BA5C-WO58-0915-2	59	2.7 J	11.1 J	< 0.64 U	7.46 J	< 0.68 U	< 0.71 U	0.480 J	5.25 J	3.60 J	1.42 J	3.05 J	0.47 J	< 0.26 U	< 0.29 U	< 0.32 U
BA5DC																
BA5DC-WO5-0915-1	5	< 0.41 U	1.74 J	< 0.45 U	< 0.82 U	< 0.49 U	< 0.50 U	< 0.33 U	1.2 J	0.500 J	0.32 J	0.66 J	< 0.33 U	< 0.25 U	< 0.26 U	< 0.29 U
BA5DC-WO20-0915-1	20	0.73 J	1.2 J	< 0.48 U	< 0.68 U	< 0.51 U	< 0.50 U	< 0.23 U	1.1 J	0.810 J	< 0.22 U	0.71 J	< 0.23 U	< 0.17 U	< 0.19 U	< 0.19 U
BA5DC-WO35-0915-1	35	< 1.8 U	6.60 J	< 2.3 U	< 1.1 U	< 2.4 U	< 2.7 U	< 1.2 U	3.2 J	2.00 J	< 1.0 U	1.8 J	< 1.1 U	< 0.88 U	< 0.84 U	< 0.97 U
BA5DC-WO38-0915-1	38	2.63 J	11.4 J	< 0.47 U	8.04 J	< 0.48 U	< 0.49 U	0.450 J	5.04 J	3.09 J	1.72 J	3.4 J	< 0.36 U	< 0.27 U	< 0.30 U	< 0.28 U
BA5DC-WO38-0915-2	38	2.2 J	9.01 J	< 0.50 U	6.42 J	< 0.51 U	< 0.53 U	< 0.33 UJ	3.14 J	2.1 J	0.90 J	2.4 J	< 0.34 U	< 0.25 U	< 0.28 U	< 0.27 U

Abbreviations

EDL - estimated detection limit (sample specific)
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Notes

- Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
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* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
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Table 5 - Transect BA5 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Depth (m)	170	177	180	183	187	189*	194	195	201	203	206	209	Total PCBs (ND = 0)
BA5B														
BA5B-WO5-0915-1	5	< 2.3 U	< 2.4 U	< 1.8 U	< 2.0 U	< 1.8 U	< 1.8 U	< 0.57 U	< 0.61 U	< 0.36 U	< 0.44 U	< 1.3 U	0.55 J	24
BA5B-WO75-0915-1	75	< 1.2 U	< 1.2 U	< 0.90 U	< 1.0 U	< 0.89 U	< 0.95 U	< 0.30 U	< 0.32 U	< 0.27 U	< 0.32 U	< 0.68 U	0.58 J	43
BA5B-WO145-0915-1	145	< 1.1 U	< 1.1 U	2.24 J	< 0.96 U	< 0.83 U	< 0.76 U	< 0.22 U	< 0.24 U	< 0.19 U	0.480 J	< 0.56 U	0.62 J	91
BA5C														
BA5C-WO5-0915-1	5	< 1.2 U	< 1.2 U	< 0.89 U	< 1.0 U	< 0.88 U	< 0.84 U	< 0.23 U	< 0.25 U	< 0.23 U	< 0.28 U	< 0.73 U	0.470 J	19
BA5C-WO30-0915-1	30	< 0.84 U	< 0.85 U	< 0.64 U	< 0.73 U	< 0.63 U	< 0.69 U	< 0.20 U	< 0.21 U	< 0.15 U	< 0.18 U	< 0.51 U	0.44 J	24
BA5C-WO55-0915-1	55	< 0.98 U	< 0.99 U	1.04 J	< 0.85 U	< 0.74 U	< 0.75 U	< 0.25 U	< 0.27 U	< 0.21 U	< 0.26 U	< 0.60 U	0.44 J	76
BA5C-WO58-0915-1	59	< 0.87 U	< 0.91 U	< 0.66 UJ	< 0.82 U	< 0.71 U	< 0.60 U	0.19 J	< 0.20 U	< 0.20 U	< 0.22 U	< 0.52 U	0.44 J	110
BA5C-WO58-0915-2	59	< 0.94 U	< 0.98 U	0.94 J	< 0.89 U	< 0.77 U	< 0.68 U	0.26 J	< 0.24 U	< 0.21 U	< 0.23 U	< 0.68 U	0.710 J	140
BA5DC														
BA5DC-WO5-0915-1	5	< 0.57 U	< 0.59 U	< 0.43 U	< 0.54 U	< 0.46 U	< 0.50 U	< 0.19 U	< 0.21 U	< 0.16 U	< 0.17 U	< 0.54 U	< 0.37 U	20
BA5DC-WO20-0915-1	20	< 0.73 U	< 0.76 U	< 0.56 U	< 0.69 U	< 0.59 U	< 0.66 U	< 0.25 U	< 0.27 U	< 0.18 U	< 0.20 U	< 0.80 U	< 0.43 U	14
BA5DC-WO35-0915-1	35	< 2.5 U	< 2.6 U	< 1.9 U	< 2.4 U	< 2.1 U	< 2.1 U	< 0.96 U	< 1.0 U	< 0.64 U	< 0.69 U	< 2.4 U	< 0.75 U	53
BA5DC-WO38-0915-1	38	< 0.71 U	< 0.74 U	0.89 J	< 0.67 U	0.69 J	< 0.53 U	< 0.21 U	< 0.23 U	< 0.15 U	< 0.16 U	< 0.60 U	< 0.20 U	120
BA5DC-WO38-0915-2	38	< 0.68 U	< 0.71 U	0.740 J	< 0.64 U	0.58 J	< 0.49 U	< 0.23 U	< 0.25 U	< 0.18 U	< 0.20 U	< 0.58 U	< 0.36 UJ	110
													IROD AWQC (human health) [pg/L]	
													64	
													IROD AWQC (ecological) [pg/L]	
													30,000	

Abbreviations

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Notes

- Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
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* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).
Total PCBs (ND = 0) - Sum of 46 PCB congeners (Non-detects = Zero)
Shaded cells show Total PCBs greater than the IROD AWQC (human health)

Data Qualifiers

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J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
U - not detected
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Table 6 - Transect BA6 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Depth (m)</i>	<i>8</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>70/74</i>	<i>66</i>	<i>77*</i>	<i>81*</i>	<i>87/119</i>	<i>99</i>	<i>101</i>
BA6B																
BA6B-WO5-0915-1	5	< 2.0 U	< 1.9 U	< 2.5 U	< 2.9 U	< 0.56 U	4.19 J	1.05 J	2.90 J	2.41 J	1.1 J	< 0.24 U	< 0.25 U	1.19 J	0.610 J	1.33 J
BA6B-WO75-0915-1	75	< 2.1 U	< 1.9 U	< 3.6 U	< 2.9 U	< 1.1 U	4.15 J	1.34 J	3.04 J	2.37 J	1.3 J	< 0.21 U	< 0.21 U	1.32 J	0.62 J	1.68 J
BA6B-WO145-0915-1	130	< 2.2 U	2.79 J	3.97 J	3.16 J	< 0.57 U	6.87 J	2.13 J	4.98 J	4.77 J	2.90 J	< 0.11 U	< 0.10 U	1.7 J	1.35 J	2.67 J
BA6BC																
BA6BC-WO5-0915-1	5	< 20 U	< 2.7 U	< 3.6 U	< 2.9 U	< 1.1 U	3.74 J	0.990 J	2.80 J	2.39 J	1.26 J	0.16 J	< 0.13 U	0.88 J	0.660 J	1.2 J
BA6BC-WO50-0915-1	50	< 2.2 U	< 2.7 U	< 3.6 U	< 1.7 U	< 0.60 U	5.28 J	1.86 J	4.05 J	4.11 J	2.63 J	0.330 J	< 0.16 U	2.00 J	1.44 J	2.74 J
BA6BC-WO95-0915-1	88	< 20 U	6.87 J	8.22 J	7.23 J	1.2 J	62.7 J	4.46 J	11.7 J	7.90 J	4.63 J	0.550 J	< 0.19 U	3.48 J	2.44 J	4.87 J
BA6C																
BA6C-WO5-0915-1	5	< 4.3 U	4.14 J	4.39 J	3.94 J	< 1.1 U	11.3 J	1.4 J	4.11 J	2.64 J	1.43 J	< 0.15 U	< 0.15 U	1.0 J	0.44 J	1.60 J
BA6C-WO30-0915-1	30	< 2.9 U	3.36 J	5.57 J	4.37 J	< 1.1 U	8.91 J	3.03 J	7.15 J	6.50 J	4.06 J	0.260 J	< 0.16 U	2.44 J	1.7 J	3.44 J
BA6C-WO55-0915-1	54	3.9 J	4.16 J	7.02 J	5.46 J	< 1.2 U	9.88 J	4.07 J	8.93 J	9.12 J	5.54 J	0.300 J	< 0.31 U	4.02 J	3.18 J	5.74 J
BA6DC																
BA6DC-WO5-0915-1	5	< 20 U	< 2.7 U	< 3.6 U	< 2.9 U	< 1.1 U	< 3.1 U	1.17 J	2.60 J	2.00 J	1.1 J	< 0.18 U	< 0.19 U	1.05 J	0.732 J	1.25 J
BA6DC-WO20-1115-1	20	< 2.5 U	< 4.6 U	< 20 U	< 13 U	< 6.1 U	< 5.2 U	1.62 J	< 3.9 U	< 6.2 U	< 2.7 U	< 0.18 U	< 0.18 U	1.6 J	1.1 J	2.2 J
BA6DC-WO35-0915-1	35	< 14 U	4.00 J	9.38 J	6.30 J	1.3 J	15.1 J	6.40 J	14.5 J	17.4 J	9.22 J	< 0.84 U	< 0.88 U	5.82 J	4.56 J	8.22 J

Abbreviations

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BA6B																
BA6B-WO5-0915-1	5	< 0.30 U	1.50 J	< 0.094 U	< 1.1 U	< 0.095 U	< 0.097 U	< 0.088 U	< 0.89 U	0.719 J	0.462 J	0.665 J	0.196 J	< 0.071 U	< 0.069 U	< 0.083 U
BA6B-WO75-0915-1	75	0.40 J	2.15 J	< 0.20 U	< 1.1 U	< 0.22 U	< 0.20 U	< 0.13 U	1.1 J	0.900 J	0.390 J	0.80 J	< 0.14 U	< 0.11 U	< 0.11 U	< 0.12 U
BA6B-WO145-0915-1	130	0.844 J	3.69 J	< 0.053 U	1.90 J	< 0.059 U	< 0.063 U	< 0.058 U	1.6 J	1.41 J	0.669 J	1.42 J	0.190 J	< 0.047 U	< 0.047 U	< 0.057 U
BA6BC																
BA6BC-WO5-0915-1	5	< 0.32 U	1.58 J	< 0.059 U	< 1.1 U	< 0.065 U	< 0.062 U	< 0.072 U	< 0.83 U	< 0.43 U	0.344 J	0.668 J	0.156 J	< 0.058 U	< 0.058 U	< 0.065 U
BA6BC-WO50-0915-1	50	0.80 J	3.53 J	< 0.073 U	1.78 J	< 0.078 U	< 0.073 U	0.22 J	1.67 J	1.20 J	0.587 J	1.14 J	0.17 J	< 0.070 U	< 0.070 U	< 0.078 U
BA6BC-WO95-0915-1	88	1.5 J	6.49 J	< 0.10 U	2.90 J	< 0.11 U	< 0.10 U	0.48 J	4.15 J	3.02 J	1.27 J	2.88 J	0.376 J	0.36 J	0.13 J	< 0.071 U
BA6C																
BA6C-WO5-0915-1	5	0.380 J	2.02 J	< 0.11 U	< 1.1 U	< 0.12 U	< 0.11 U	0.13 J	1.1 J	0.870 J	0.42 J	0.747 J	0.150 J	< 0.084 U	< 0.084 U	< 0.094 U
BA6C-WO30-0915-1	30	0.84 J	4.82 J	< 0.066 U	2.23 J	< 0.071 U	< 0.071 U	0.220 J	1.5 J	1.20 J	0.60 J	1.37 J	0.178 J	0.185 J	< 0.065 U	< 0.073 U
BA6C-WO55-0915-1	54	1.55 J	7.63 J	< 0.17 U	3.87 J	< 0.18 U	< 0.17 U	0.430 J	2.91 J	1.9 J	1.04 J	2.03 J	< 0.29 U	0.25 J	0.190 J	< 0.13 U
BA6DC																
BA6DC-WO5-0915-1	5	0.460 J	1.72 J	< 0.078 U	< 1.1 U	< 0.079 U	< 0.077 U	0.204 J	1.3 J	0.816 J	0.43 J	0.992 J	0.244 J	0.084 J	0.160 J	< 0.062 U
BA6DC-WO20-1115-1	20	< 0.39 U	2.47 J	< 0.39 U	1.5 J	< 0.40 U	< 0.42 U	< 0.17 U	1.43 J	1.08 J	0.38 J	1.27 J	< 0.19 U	< 0.14 U	< 0.14 U	< 0.16 U
BA6DC-WO35-0915-1	35	3.22 J	11.4 J	< 0.47 U	6.33 J	< 0.50 U	< 0.47 U	< 0.42 U	4.91 J	2.9 J	1.4 J	3.4 J	< 0.52 U	< 0.34 U	< 0.42 U	< 0.40 U

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters below surface
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

- Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
- The data qualifiers are final; associated reason codes will be presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.

* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
U - not detected
UJ - not detected at an estimated reporting limit

Table 6 - Transect BA6 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Depth (m)	170	177	180	183	187	189*	194	195	201	203	206	209	Total PCBs (ND = 0)
BA6B														
BA6B-WO5-0915-1	5	< 0.086 U	< 0.087 U	< 0.20 U	< 0.074 U	0.10 J	< 0.12 U	< 0.097 U	< 0.10 U	< 0.055 U	< 0.071 U	< 0.43 U	< 0.68 U	18
BA6B-WO75-0915-1	75	< 0.12 U	< 0.13 U	0.35 J	< 0.11 U	0.15 J	< 0.16 U	< 0.14 U	< 0.15 U	< 0.078 U	< 0.10 U	< 0.73 U	< 0.46 U	22
BA6B-WO145-0915-1	130	0.16 J	< 0.052 U	0.490 J	0.13 J	0.297 J	< 0.083 U	< 0.059 U	< 0.062 U	< 0.047 U	< 0.060 U	< 0.30 U	< 0.68 U	50
BA6BC														
BA6BC-WO5-0915-1	5	< 0.077 U	< 0.078 U	< 0.29 U	< 0.066 U	0.172 J	< 0.094 U	< 0.065 U	< 0.069 U	< 0.044 U	< 0.056 U	< 0.33 U	< 0.68 U	17
BA6BC-WO50-0915-1	50	0.19 J	0.186 J	0.326 J	0.11 J	0.24 J	< 0.094 U	< 0.086 U	< 0.091 U	< 0.048 U	< 0.061 U	< 0.46 U	< 0.68 U	37
BA6BC-WO95-0915-1	88	0.56 J	0.25 J	1.00 J	0.430 J	0.35 J	< 0.081 U	< 0.092 U	< 0.096 U	< 0.068 U	< 0.087 U	< 0.48 U	< 0.68 U	150
BA6C														
BA6C-WO5-0915-1	5	< 0.097 U	< 0.098 U	0.291 J	< 0.084 U	0.14 J	< 0.13 U	< 0.11 U	< 0.12 U	< 0.051 U	< 0.066 U	< 0.60 U	0.740 J	43
BA6C-WO30-0915-1	30	0.17 J	0.243 J	0.40 J	0.13 J	0.24 J	< 0.11 U	< 0.081 U	< 0.086 U	< 0.043 U	< 0.055 U	< 0.45 U	< 0.68 U	65
BA6C-WO55-0915-1	54	< 0.26 U	< 0.24 U	0.900 J	< 0.21 U	0.38 J	< 0.19 U	< 0.15 U	< 0.16 U	< 0.13 U	< 0.15 U	< 0.66 U	< 2.4 U	94
BA6DC														
BA6DC-WO5-0915-1	5	0.50 J	0.28 J	1.6 J	0.284 J	0.440 J	< 0.12 U	< 0.11 U	< 0.11 U	< 0.050 U	< 0.064 U	< 0.51 U	< 0.48 U	19
BA6DC-WO20-1115-1	20	< 0.17 U	< 0.17 U	< 0.13 U	< 0.14 U	< 0.12 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.082 U	< 0.10 U	< 0.24 U	< 1.2 U	15
BA6DC-WO35-0915-1	35	< 0.48 U	< 0.50 U	1.21 J	< 0.46 U	0.84 J	< 0.43 U	< 0.39 U	< 0.39 U	< 0.38 U	< 0.45 U	< 1.6 U	0.820 J	140
													IROD AWQC (human health) [pg/L]	64
													IROD AWQC (ecological) [pg/L]	30,000

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters below surface
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

- Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
- The data qualifiers are final; associated reason codes will be presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.

* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Total PCBs (ND = 0) - Sum of 46 PCB congeners (Non-detects = Zero)

Shaded cells show Total PCBs greater than the IROD AWQC (human health)

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown

J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*

U - not detected

UJ - not detected at an estimated reporting limit

Table 7 - Transect BA7 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Depth (m)</i>	<i>8</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>70/74</i>	<i>66</i>	<i>77*</i>	<i>81*</i>	<i>87/119</i>	<i>99</i>	<i>101</i>
BA7B																
BA7B-WO5-0915-1	5	< 2.5 U	< 2.4 U	< 4.6 U	< 3.6 U	< 1.6 U	< 5.3 U	< 1.3 U	< 3.6 U	< 2.8 U	< 1.3 U	< 0.30 U	< 0.33 U	1.3 J	< 0.72 U	< 1.8 U
BA7B-WO75-0915-1	75	< 6.1 U	< 3.6 U	< 4.1 U	< 3.6 U	< 1.6 U	< 5.3 U	< 1.3 U	< 3.6 U	3.28 J	1.51 J	< 0.29 U	< 0.31 U	1.4 J	1.13 J	< 1.8 U
BA7B-WO145-0915-1	140	< 2.2 U	3.93 J	6.79 J	5.56 J	< 1.6 U	9.20 J	3.84 J	9.08 J	8.99 J	5.47 J	< 0.33 U	< 0.35 U	4.64 J	3.72 J	6.02 J
BA7BC																
BA7BC-WO5-0915-1	5	< 3.6 U	< 3.6 U	< 4.6 U	< 3.6 U	< 0.78 U	< 5.3 U	< 1.3 U	< 3.6 U	< 2.8 U	< 1.3 U	< 0.31 U	< 0.32 U	< 0.81 U	< 0.36 U	< 1.8 U
BA7BC-WO50-0915-1	50	< 4.1 U	3.6 J	6.32 J	4.5 J	1.75 J	8.24 J	3.25 J	7.07 J	7.61 J	4.40 J	< 0.37 U	< 0.39 U	3.59 J	2.32 J	4.2 J
BA7BC-WO95-0915-1	91	< 3.0 U	4.01 J	7.89 J	6.17 J	1.79 J	12.5 J	5.73 J	12.0 J	15.1 J	9.89 J	0.52 J	< 0.31 U	6.75 J	5.51 J	9.40 J
BA7C																
BA7C-WO5-0315-1	5	24.1 J	10.7 J	7.50 J	4.3 J	1.60 J	4.61 J	1.4 J	3.38 J	2.31 J	1.37 J	0.76 J	< 0.62 U	2.38 J	0.640 J	3.19 J
BA7C-WO30-0315-1	30	26.2 J	16.1 J	19.1 J	8.60 J	4.10 J	14.4 J	5.9 J	13.2 J	15.0 J	7.71 J	1.09 J	< 0.53 U	4.63 J	< 2.1 U	6.97 J
BA7C-WO55-0315-1	55	< 2.0 U	< 2.1 U	2.82 J	< 1.4 U	1.6 J	< 2.8 U	< 1.5 U	< 2.1 U	< 2.2 U	1.16 J	1.30 J	0.84 J	< 1.2 U	< 0.76 U	1.95 J
BA7C-WO58-0315-1	58	< 4.1 U	< 2.7 U	< 2.8 U	< 2.3 U	1.00 J	< 1.6 U	< 0.77 U	< 2.1 U	< 0.83 U	< 0.77 U	< 1.0 U	< 1.2 U	1.52 J	< 1.6 U	< 1.6 U
BA7DC																
BA7DC-WO5-0915-1	5	< 20 U	< 2.7 U	< 3.6 U	< 2.9 U	< 0.36 U	< 3.1 U	< 0.70 U	2.41 J	< 1.9 U	1.20 J	< 0.22 U	< 0.22 U	1.0 J	0.830 J	1.30 J
BA7DC-WO20-0915-1	20	4.8 J	< 3.6 U	5.56 J	3.97 J	< 1.6 U	7.19 J	2.91 J	5.42 J	4.07 J	2.77 J	< 0.28 U	< 0.30 U	2.2 J	1.9 J	2.93 J
BA7DC-WO35-0915-1	35	< 20 U	3.06 J	6.21 J	4.93 J	1.25 J	9.76 J	4.89 J	10.1 J	12.2 J	6.81 J	0.450 J	< 0.20 U	4.82 J	3.98 J	6.85 J
BA7DC-WO38-0915-1	39	< 2.0 U	< 2.5 UJ	5.57 J	3.94 J	< 1.1 UJ	6.96 J	3.38 J	7.34 J	9.48 J	5.86 J	0.480 J	< 0.12 U	3.91 J	3.25 J	5.50 J
BA7DC-WO38-0915-2	39	< 20 U	< 2.7 UJ	4.57 J	3.76 J	1.79 J	7.31 J	3.33 J	7.02 J	11.1 J	7.66 J	1.3 J	< 0.25 U	2.6 J	2.9 J	5.18 J
BA7DC-WO38-0915-3	39	< 2.8 U	3.14 J	4.79 J	4.06 J	< 0.97 UJ	9.54 J	3.2 J	6.98 J	8.18 J	4.77 J	0.27 J	< 0.18 U	3.18 J	2.70 J	4.57 J

Abbreviations

EDL - estimated detection limit (sample specific)
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Notes

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Table 7 - Transect BA7 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Depth (m)</i>	<i>105*</i>	<i>110</i>	<i>114*</i>	<i>118*</i>	<i>123*</i>	<i>126*</i>	<i>128</i>	<i>138</i>	<i>149</i>	<i>151</i>	<i>153/168</i>	<i>156*/157*</i>	<i>158</i>	<i>167*</i>	<i>169*</i>
BA7B																
BA7B-WO5-0915-1	5	< 0.40 U	< 2.5 U	< 0.20 U	< 0.83 U	< 0.22 U	< 0.20 U	0.320 J	< 1.1 U	< 0.90 U	< 0.68 U	< 0.67 U	< 0.16 U	< 0.12 U	< 0.13 U	< 0.13 U
BA7B-WO75-0915-1	75	0.800 J	2.97 J	< 0.17 U	1.70 J	< 0.18 U	< 0.16 U	0.280 J	< 1.6 U	< 1.2 U	< 0.52 U	1.13 J	< 0.15 U	< 0.10 U	< 0.11 U	< 0.11 U
BA7B-WO145-0915-1	140	2.3 J	8.24 J	< 0.20 U	5.02 J	< 0.21 U	< 0.20 U	0.750 J	4.04 J	2.69 J	1.45 J	2.6 J	0.400 J	0.390 J	< 0.15 U	< 0.16 U
BA7BC																
BA7BC-WO5-0915-1	5	< 0.59 U	< 2.5 U	< 0.29 U	< 1.2 U	< 0.30 U	< 0.29 U	0.280 J	< 1.6 U	< 0.75 U	< 0.68 U	< 0.60 U	< 0.20 U	< 0.14 U	< 0.16 U	< 0.16 U
BA7BC-WO50-0915-1	50	0.91 J	6.32 J	< 0.32 U	2.6 J	< 0.32 U	< 0.31 U	< 0.20 U	2.28 J	< 1.2 U	0.80 J	1.73 J	< 0.24 U	0.250 J	< 0.17 U	< 0.18 U
BA7BC-WO95-0915-1	91	2.94 J	12.0 J	< 0.22 U	7.18 J	< 0.23 U	< 0.22 U	0.72 J	5.59 J	4.25 J	1.99 J	3.95 J	0.42 J	0.45 J	0.220 J	< 0.13 U
BA7C																
BA7C-WO5-0315-1	5	1.22 J	4.69 J	0.64 J	< 2.6 U	< 0.46 U	0.29 J	< 0.38 U	5.20 J	< 7.7 U	1.0 J	< 5.6 U	0.86 J	< 0.27 U	< 0.51 U	< 0.27 U
BA7C-WO30-0315-1	30	2.7 J	9.08 J	0.46 J	6.70 J	0.520 J	0.32 J	< 1.4 U	6.90 J	3.6 J	1.79 J	5.6 J	1.60 J	< 1.1 U	< 1.4 U	< 1.2 U
BA7C-WO55-0315-1	55	1.55 J	1.9 J	0.960 J	2.97 J	1.14 J	1.16 J	< 0.25 U	< 3.5 U	< 1.3 U	< 0.52 U	< 5.6 U	1.61 J	< 0.22 U	0.91 J	1.02 J
BA7C-WO58-0315-1	58	0.67 J	2.0 J	< 0.35 U	< 1.6 U	< 0.37 U	< 0.26 U	< 2.9 U	< 2.6 U	< 1.3 U	< 0.25 UJ	< 5.6 U	< 0.52 U	< 0.36 U	< 0.46 U	< 0.35 U
BA7DC																
BA7DC-WO5-0915-1	5	< 0.35 U	1.76 J	< 0.083 U	< 1.1 U	< 0.094 U	< 0.092 U	< 0.12 U	< 0.89 U	0.730 J	0.333 J	0.800 J	< 0.13 U	< 0.097 U	< 0.096 U	< 0.11 U
BA7DC-WO20-0915-1	20	0.79 J	4.06 J	< 0.19 U	2.30 J	< 0.19 U	< 0.19 U	0.33 J	2.15 J	1.82 J	< 0.67 U	1.71 J	< 0.38 U	0.240 J	< 0.15 U	< 0.15 U
BA7DC-WO35-0915-1	35	2.05 J	10.2 J	0.170 J	4.50 J	< 0.12 U	< 0.11 U	0.46 J	3.20 J	2.52 J	1.1 J	2.2 J	0.44 J	0.303 J	0.177 J	< 0.098 U
BA7DC-WO38-0915-1	39	2.26 J	7.61 J	< 0.099 UJ	5.53 J	0.14 J	< 0.097 U	0.50 J	4.29 J	< 0.073 UJ	1.15 J	3.23 J	0.47 J	0.37 J	0.21 J	< 0.057 UJ
BA7DC-WO38-0915-2	39	3.95 J	8.72 J	0.240 J	4.9 J	0.18 J	< 0.12 U	0.460 J	3.26 J	2.0 J	1.03 J	2.24 J	0.430 J	0.283 J	< 0.090 UJ	0.124 J
BA7DC-WO38-0915-3	39	1.51 J	5.67 J	0.190 J	3.26 J	< 0.12 UJ	< 0.11 U	0.36 J	1.93 J	1.7 J	0.76 J	1.83 J	0.180 J	0.17 J	< 0.086 U	< 0.093 UJ

Abbreviations

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Notes

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Data Qualifiers

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Table 7 - Transect BA7 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Depth (m)	170	177	180	183	187	189*	194	195	201	203	206	209	Total PCBs (ND = 0)
BA7B														
BA7B-WO5-0915-1	5	< 0.20 U	< 0.22 U	< 0.24 U	< 0.18 U	< 0.17 U	< 0.18 U	< 0.19 U	< 0.20 U	< 0.15 U	< 0.17 U	< 0.88 U	< 2.4 U	1.6
BA7B-WO75-0915-1	75	< 0.18 U	< 0.19 U	< 0.38 U	< 0.16 U	0.27 J	< 0.17 U	< 0.14 U	< 0.15 U	< 0.12 U	< 0.14 U	< 0.75 U	< 2.4 U	14
BA7B-WO145-0915-1	140	0.38 J	0.40 J	1.03 J	0.36 J	0.51 J	< 0.19 U	< 0.14 U	< 0.15 U	< 0.14 U	< 0.17 U	< 0.76 U	5.13 J	100
BA7BC														
BA7BC-WO5-0915-1	5	< 0.24 U	< 0.25 U	< 0.34 U	< 0.22 U	0.39 J	< 0.17 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.17 U	< 0.50 U	< 2.4 U	0.67
BA7BC-WO50-0915-1	50	< 0.25 U	< 0.26 U	0.700 J	< 0.23 U	0.29 J	< 0.26 U	< 0.19 U	< 0.19 U	< 0.20 U	< 0.24 U	< 0.84 U	< 2.4 U	73
BA7BC-WO95-0915-1	91	0.51 J	0.470 J	1.2 J	0.440 J	0.700 J	< 0.17 U	< 0.14 U	< 0.15 U	< 0.14 U	< 0.17 U	< 0.56 U	5.36 J	150
BA7C														
BA7C-WO5-0315-1	5	< 0.88 U	2.07 J	< 2.9 U	0.92 J	3.4 J	< 1.4 U	< 1.2 U	< 1.2 U	< 0.54 U	< 0.82 U	< 6.8 U	3.9 J	92
BA7C-WO30-0315-1	30	0.64 J	< 0.49 U	< 2.4 U	< 0.56 U	< 1.8 U	< 0.12 U	0.500 J	< 0.35 U	< 0.41 U	< 0.53 U	< 2.6 U	1.8 J	190
BA7C-WO55-0315-1	55	0.940 J	< 0.54 U	< 3.4 U	< 0.32 U	< 1.2 U	0.77 J	< 0.35 U	< 0.35 U	< 0.17 U	0.470 J	< 2.2 U	1.7 J	27
BA7C-WO58-0315-1	58	< 1.3 U	< 1.2 UJ	< 3.4 U	< 0.99 U	< 1.5 U	< 0.69 U	< 1.1 U	< 1.1 U	< 0.34 U	< 0.52 U	< 6.4 U	< 1.6 U	5.2
BA7DC														
BA7DC-WO5-0915-1	5	< 0.12 U	< 0.12 U	< 0.24 U	< 0.10 U	0.20 J	< 0.11 U	< 0.097 U	< 0.10 U	< 0.055 U	< 0.071 U	< 0.62 U	< 0.68 U	11
BA7DC-WO20-0915-1	20	< 0.21 U	0.23 J	< 0.49 U	< 0.18 U	0.31 J	< 0.19 U	< 0.12 U	< 0.13 U	< 0.14 U	< 0.17 U	< 0.76 U	< 2.4 U	58
BA7DC-WO35-0915-1	35	0.27 J	0.220 J	0.626 J	0.19 J	0.453 J	< 0.12 U	< 0.11 U	< 0.12 U	< 0.080 U	< 0.094 U	< 0.47 U	< 0.68 U	100
BA7DC-WO38-0915-1	39	0.715 J	0.34 J	1.42 J	0.410 J	0.754 J	< 0.068 U	0.27 J	0.15 J	< 0.055 U	< 0.066 U	< 0.22 U	1.54 J	87
BA7DC-WO38-0915-2	39	0.270 J	< 0.16 UJ	0.830 J	0.240 J	0.44 J	< 0.11 U	0.160 J	< 0.13 UJ	< 0.093 U	0.16 J	< 0.52 U	< 0.50 UJ	88
BA7DC-WO38-0915-3	39	0.24 J	< 0.12 U	0.467 J	0.15 J	0.27 J	< 0.11 U	< 0.091 UJ	< 0.099 UJ	< 0.066 U	0.109 J	< 0.52 U	< 0.57 UJ	74
IROD AWQC (human health) [pg/L]													64	
IROD AWQC (ecological) [pg/L]													30,000	

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters below surface
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

- Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
- The data qualifiers are final; associated reason codes will be presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
- An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.

* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Total PCBs (ND = 0) - Sum of 46 PCB congeners (Non-detects = Zero)

Shaded cells show Total PCBs greater than the IROD AWQC (human health)

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
U - not detected
UJ - not detected at an estimated reporting limit

Table 8 - Transect BA8 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Depth (m)</i>	<i>8</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>70/74</i>	<i>66</i>	<i>77*</i>	<i>81*</i>	<i>87/119</i>	<i>99</i>	<i>101</i>
BA8B																
BA8B-WO5-0915-1	5	< 1.6 U	< 3.6 U	< 4.6 U	< 3.6 U	< 1.6 U	< 0.25 U	< 1.1 U	< 3.6 U	< 2.8 U	< 1.3 U	< 0.26 U	< 0.26 U	1.4 J	< 0.30 U	1.81 J
BA8B-WO75-0915-1	75	< 4.4 U	< 3.3 U	4.6 J	3.80 J	< 1.6 U	< 0.31 U	1.45 J	4.03 J	3.24 J	1.88 J	< 0.31 U	< 0.32 U	1.3 J	1.36 J	1.98 J
BA8B-WO145-0915-1	142	< 2.3 U	< 3.6 U	5.89 J	4.54 J	< 1.6 U	7.70 J	3.53 J	7.37 J	8.40 J	5.13 J	< 0.28 U	< 0.29 U	3.79 J	2.91 J	4.89 J
BA8BC																
BA8BC-WO5-0915-1	5	< 1.9 U	< 3.6 U	4.86 J	3.95 J	< 0.86 U	< 5.3 U	< 1.3 U	< 3.6 U	< 2.8 U	< 1.3 U	< 0.27 U	< 0.27 U	1.56 J	0.790 J	< 1.8 U
BA8BC-WO50-0915-1	50	< 1.5 U	2.36 J	3.1 J	2.82 J	0.52 J	5.90 J	2.26 J	4.83 J	4.77 J	3.21 J	< 0.23 U	< 0.24 U	2.47 J	1.78 J	3.1 J
BA8BC-WO95-0915-1	92	< 3.2 U	2.48 J	4.84 J	3.78 J	1.1 J	9.10 J	4.0 J	8.61 J	9.52 J	6.94 J	< 0.42 U	< 0.41 U	5.14 J	3.54 J	6.75 J
BA8C																
BA8C-WO5-0915-1	5	< 1.3 U	< 2.0 U	< 2.6 U	< 2.6 U	0.38 J	< 4.2 U	< 0.91 U	< 2.7 U	< 2.5 U	< 1.1 U	< 0.19 U	< 0.20 U	0.77 J	0.540 J	< 1.6 U
BA8C-WO30-0315-1	30	< 4.1 U	< 2.7 U	< 2.8 U	2.60 J	1.0 J	< 2.8 U	< 1.8 U	< 2.1 U	< 0.93 U	< 0.85 U	< 1.1 U	< 1.2 U	< 1.3 U	0.740 J	1.7 J
BA8C-WO55-0315-1	55	< 4.1 U	2.78 J	< 2.7 U	< 2.0 U	1.30 J	< 2.8 U	< 0.82 U	< 2.1 U	< 2.2 U	1.07 J	< 0.79 U	< 0.92 U	1.7 J	< 2.4 U	3.14 J
BA8C-WO58-0315-2	58	< 4.1 UJ	< 2.4 UJ	3.0 J	3.5 J	1.31 J	3.65 J	1.3 J	3.27 J	3.25 J	1.4 J	< 0.47 UJ	< 0.45 UJ	1.85 J	1.26 J	2.59 J
BA8C-WO58-0315-3	58	< 3.8 UJ	< 2.6 UJ	< 2.8 UJ	2.30 J	< 0.89 UJ	2.94 J	< 4.9 UJ	2.17 J	< 0.83 UJ	< 0.75 UJ	< 0.98 UJ	< 1.3 UJ	1.9 J	< 7.3 UJ	2.0 J
BA8DC																
BA8DC-WO5-0915-1	5	< 1.3 U	< 2.0 U	2.80 J	< 2.6 U	1.1 J	< 3.0 U	< 0.70 U	< 2.7 U	2.60 J	1.31 J	0.32 J	0.300 J	1.1 J	< 0.39 U	< 1.1 U
BA8DC-WO20-0915-1	20	4.7 J	5.66 J	7.63 J	5.67 J	1.54 J	32.3 J	3.68 J	8.84 J	6.44 J	3.78 J	0.430 J	< 0.15 U	2.37 J	1.68 J	3.63 J
BA8DC-WO35-0915-1	35	3.4 J	4.09 J	6.77 J	4.93 J	1.1 J	8.46 J	3.52 J	6.63 J	7.12 J	4.63 J	0.310 J	< 0.21 U	2.94 J	2.58 J	4.18 J
BA8DC-WO38-0915-1	38	< 1.9 U	3.41 J	5.53 J	4.09 J	1.27 J	6.46 J	3.1 J	6.17 J	6.83 J	4.64 J	< 0.46 U	< 0.49 U	3.50 J	2.76 J	3.99 J

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters below surface
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

- Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
 - The data qualifiers are final; associated reason codes will be presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
 - An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.
- * Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
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U - not detected
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Table 8 - Transect BA8 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Depth (m)</i>	<i>105*</i>	<i>110</i>	<i>114*</i>	<i>118*</i>	<i>123*</i>	<i>126*</i>	<i>128</i>	<i>138</i>	<i>149</i>	<i>151</i>	<i>153/168</i>	<i>156*/157*</i>	<i>158</i>	<i>167*</i>	<i>169*</i>
BA8B																
BA8B-WO5-0915-1	5	< 0.40 U	< 2.5 U	< 0.22 U	< 1.3 U	< 0.23 U	< 0.22 U	0.27 J	< 1.6 U	< 0.87 U	< 0.68 U	1.17 J	< 0.24 U	< 0.11 U	< 0.11 U	< 0.12 U
BA8B-WO75-0915-1	75	0.60 J	2.5 J	< 0.24 U	1.7 J	< 0.24 U	< 0.23 U	< 0.17 U	< 1.6 U	1.27 J	< 0.68 U	< 1.0 U	< 0.22 U	< 0.14 U	< 0.14 U	< 0.15 U
BA8B-WO145-0915-1	142	1.80 J	6.94 J	< 0.21 U	3.80 J	< 0.22 U	< 0.20 U	0.320 J	2.79 J	1.91 J	0.86 J	2.23 J	< 0.24 U	< 0.086 U	< 0.090 U	< 0.099 U
BA8BC																
BA8BC-WO5-0915-1	5	0.65 J	< 2.5 U	< 0.16 U	< 1.3 U	< 0.17 U	< 0.16 U	0.360 J	< 1.6 U	< 1.2 U	< 0.33 U	1.05 J	< 0.18 U	< 0.13 U	< 0.13 U	< 0.14 U
BA8BC-WO50-0915-1	50	0.96 J	4.54 J	< 0.14 U	1.88 J	< 0.14 U	< 0.13 U	0.33 J	2.18 J	< 1.4 U	0.800 J	1.5 J	0.25 J	0.190 J	< 0.11 U	< 0.12 U
BA8BC-WO95-0915-1	92	2.01 J	8.00 J	< 0.26 U	5.46 J	< 0.26 U	< 0.25 U	0.410 J	3.73 J	2.28 J	1.1 J	2.93 J	0.40 J	0.250 J	< 0.15 U	< 0.16 U
BA8C																
BA8C-WO5-0915-1	5	0.31 J	1.48 J	< 0.12 U	< 1.0 U	< 0.12 U	< 0.12 U	< 0.099 U	< 1.6 U	< 1.4 U	< 0.20 U	< 0.99 U	< 0.12 U	0.101 J	< 0.086 U	< 0.094 U
BA8C-WO30-0315-1	30	< 0.85 U	2.16 J	< 0.50 U	3.07 J	< 0.50 U	< 0.45 U	< 0.52 U	3.84 J	< 2.1 U	1.2 J	< 5.4 U	< 0.60 U	< 0.40 U	< 0.76 U	< 0.39 U
BA8C-WO55-0315-1	55	0.95 J	3.3 J	< 0.57 U	3.66 J	< 0.62 U	< 0.42 U	< 2.9 U	8.19 J	6.70 J	1.5 J	10.1 J	0.79 J	0.470 J	< 0.49 U	< 0.27 U
BA8C-WO58-0315-2	58	< 0.68 UJ	3.08 J	< 0.18 UJ	3.42 J	< 0.18 UJ	< 0.16 UJ	< 2.9 UJ	3.68 J	< 1.2 UJ	1.10 J	< 5.6 UJ	< 0.41 UJ	< 0.24 UJ	< 0.24 UJ	< 0.13 UJ
BA8C-WO58-0315-3	58	< 0.46 UJ	3.43 J	< 0.54 UJ	3.52 J	< 0.61 UJ	< 0.35 UJ	< 0.56 UJ	5.06 J	< 4.8 UJ	0.96 J	< 5.6 UJ	0.760 J	< 0.45 UJ	< 0.69 UJ	< 0.38 UJ
BA8DC																
BA8DC-WO5-0915-1	5	0.53 J	1.9 J	< 0.27 U	< 1.0 U	< 0.27 U	< 0.25 U	0.34 J	< 1.6 U	< 1.4 U	< 0.30 U	< 0.74 U	0.420 J	< 0.12 U	0.14 J	0.310 J
BA8DC-WO20-0915-1	20	0.940 J	4.30 J	< 0.16 U	2.01 J	< 0.16 U	< 0.14 U	< 0.22 U	2.51 J	2.04 J	0.860 J	1.74 J	0.22 J	0.16 J	< 0.075 U	< 0.078 U
BA8DC-WO35-0915-1	35	1.07 J	5.37 J	< 0.30 U	2.7 J	< 0.30 U	< 0.28 U	0.33 J	2.58 J	1.82 J	0.59 J	1.7 J	0.310 J	0.187 J	< 0.10 U	< 0.10 U
BA8DC-WO38-0915-1	38	1.78 J	6.40 J	< 0.42 U	3.1 J	< 0.45 U	< 0.39 U	0.31 J	2.51 J	1.83 J	1.10 J	2.04 J	0.360 J	< 0.21 U	< 0.21 U	< 0.23 U

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters below surface
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

1. Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
2. The data qualifiers are final; associated reason codes will be presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.
* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
U - not detected
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Table 8 - Transect BA8 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Depth (m)	170	177	180	183	187	189*	194	195	201	203	206	209	Total PCBs
BA8B														
BA8B-WO5-0915-1	5	< 0.23 U	< 0.24 U	< 0.43 U	< 0.21 U	< 0.18 U	< 0.17 U	< 0.12 U	< 0.13 U	< 0.12 U	< 0.14 U	< 0.58 U	4.71 J	9.4
BA8B-WO75-0915-1	75	< 0.23 U	< 0.25 U	< 0.53 U	< 0.21 U	< 0.19 U	< 0.17 U	< 0.13 U	< 0.14 U	< 0.13 U	< 0.16 U	< 0.61 U	2.42 J	32
BA8B-WO145-0915-1	142	< 0.38 U	< 0.15 U	0.54 J	< 0.13 U	0.390 J	< 0.15 U	< 0.13 U	< 0.13 U	< 0.089 U	< 0.11 U	< 0.46 U	< 2.4 U	76
BA8BC														
BA8BC-WO5-0915-1	5	< 0.20 U	< 0.18 U	< 0.53 U	< 0.16 U	< 0.20 U	< 0.12 U	< 0.14 U	< 0.14 U	< 0.089 U	< 0.11 U	< 0.56 U	3.3 J	17
BA8BC-WO50-0915-1	50	< 0.16 U	0.25 J	< 0.72 U	< 0.14 U	0.380 J	< 0.13 U	< 0.12 U	< 0.13 U	< 0.082 U	< 0.099 U	< 0.51 U	1.72 J	52
BA8BC-WO95-0915-1	92	0.540 J	0.40 J	0.800 J	< 0.26 U	< 0.30 U	< 0.28 U	< 0.22 U	< 0.23 U	< 0.15 U	< 0.18 U	< 0.86 U	1.77 J	96
BA8C														
BA8C-WO5-0915-1	5	0.19 J	< 0.14 U	< 0.72 U	< 0.12 U	< 0.17 U	< 0.12 U	< 0.10 U	< 0.10 U	< 0.068 U	< 0.082 U	< 0.50 U	< 1.5 U	3.8
BA8C-WO30-0315-1	30	1.64 J	1.3 J	3.7 J	1.18 J	< 2.3 U	< 0.72 U	< 0.85 U	< 0.83 U	< 0.47 U	< 0.72 U	< 9.0 U	< 3.2 U	24
BA8C-WO55-0315-1	55	2.1 J	1.6 J	5.9 J	1.1 J	5.42 J	< 0.63 U	< 1.4 U	< 1.4 U	< 0.67 U	1.50 J	< 7.0 U	< 1.5 U	63
BA8C-WO58-0315-2	58	0.730 J	< 0.72 UJ	< 0.15 UJ	< 0.76 UJ	< 2.9 UJ	< 0.19 UJ	< 0.38 UJ	< 0.37 UJ	< 0.11 UJ	0.23 J	< 1.5 UJ	< 0.55 UJ	39
BA8C-WO58-0315-3	58	< 1.7 UJ	< 1.7 UJ	< 3.3 UJ	< 1.5 UJ	< 2.2 UJ	< 0.80 UJ	< 0.93 UJ	< 0.97 UJ	< 1.9 UJ	< 2.5 UJ	< 13 UJ	< 3.1 UJ	25
BA8DC														
BA8DC-WO5-0915-1	5	< 0.26 U	< 0.27 U	< 0.59 U	< 0.23 U	< 0.25 U	< 0.21 U	< 0.19 U	< 0.19 U	< 0.12 U	< 0.16 U	< 0.53 U	2.34 J	16
BA8DC-WO20-0915-1	20	0.190 J	0.270 J	< 0.72 U	0.19 J	< 0.32 U	< 0.12 U	< 0.094 U	< 0.096 U	< 0.069 U	< 0.088 U	< 0.33 U	1.78 J	110
BA8DC-WO35-0915-1	35	0.220 J	< 0.17 U	< 0.50 U	0.19 J	< 0.32 U	< 0.16 U	< 0.14 U	< 0.14 U	< 0.089 U	< 0.11 U	< 0.49 U	2.06 J	80
BA8DC-WO38-0915-1	38	< 0.37 U	< 0.37 U	< 0.55 U	< 0.32 U	0.690 J	< 0.33 U	< 0.27 U	< 0.27 U	< 0.16 U	< 0.21 U	< 0.70 U	2.31 J	74
													IROD AWQC (human health) [pg/L]	
													64	
													IROD AWQC (ecological) [pg/L]	
													30,000	

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters below surface
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
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Notes

1. Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
2. The data qualifiers are final; associated reason codes will be presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.

* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).
Total PCBs (ND = 0) - Sum of 46 PCB congeners (Non-detects = Zero)
Shaded cells show Total PCBs greater than the IROD AWQC (human health)

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
U - not detected
UJ - not detected at an estimated reporting limit

Table 9 - Transect BA9 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Depth (m)	8	18	28	31	37	44	49	52	70/74	66	77*	81*	87/119	99	101
BA9B																
BA9B-WO5-0915-1	5	< 0.81 U	< 2.0 U	< 2.6 U	< 2.6 U	0.930 J	< 4.2 U	< 0.91 U	< 2.7 U	< 2.5 U	< 1.0 U	< 0.20 U	< 0.21 U	1.02 J	0.41 J	< 1.1 u
BA9B-WO75-0915-1	75	2.9 J	2.9 J	3.79 J	2.83 J	0.54 J	4.95 J	2.05 J	4.08 J	4.80 J	3.46 J	0.270 J	< 0.18 U	2.15 J	1.70 J	2.81 J
BA9B-WO145-0915-1	146	2.49 J	3.12 J	4.55 J	3.28 J	0.88 J	9.28 J	2.95 J	6.25 J	6.15 J	3.61 J	0.22 J	< 0.21 U	2.4 J	1.98 J	3.72 J
BA9BC																
BA9BC-WO5-0915-1	5	2.25 J	2.32 J	2.73 J	< 2.6 U	0.630 J	5.98 J	1.00 J	< 2.7 U	< 1.8 U	< 0.78 U	< 0.13 U	< 0.14 U	0.73 J	0.470 J	< 1.0 U
BA9BC-WO50-0915-1	50	2.6 J	2.0 J	3.91 J	3.28 J	0.66 J	< 4.2 U	0.930 J	2.68 J	2.63 J	1.5 J	< 0.34 U	< 0.36 U	0.56 J	0.780 J	< 1.0 U
BA9BC-WO95-0915-1	90	2.22 J	2.29 J	3.54 J	< 2.6 U	0.53 J	< 4.2 U	1.50 J	3.27 J	3.50 J	2.62 J	< 0.20 U	< 0.21 U	1.82 J	1.42 J	2.1 J
BA9C																
BA9C-WO5-0915-1	5	2.13 J	2.32 J	2.65 J	< 2.6 U	0.620 J	< 4.2 U	< 0.78 U	< 2.7 U	< 2.5 U	< 1.1 U	< 0.14 U	< 0.15 U	0.720 J	0.22 J	< 0.81 U
BA9C-WO30-0915-1	30	2.7 J	3.52 J	4.23 J	3.25 J	0.86 J	4.55 J	1.43 J	3.16 J	3.23 J	1.92 J	< 0.25 U	< 0.27 U	1.38 J	0.820 J	1.82 J
BA9C-WO55-0915-1	56	< 2.5 U	< 2.8 U	2.74 J	< 2.3 U	< 1.0 U	< 4.0 U	1.3 J	2.82 J	2.95 J	1.4 J	< 0.22 U	< 0.23 U	1.4 J	1.0 J	1.93 J
BA9C-WO58-0915-1	58	< 3.2 U	< 2.8 U	3.1 J	2.35 J	< 0.75 U	< 4.0 U	1.5 J	3.87 J	3.78 J	2.50 J	< 0.28 U	< 0.29 U	< 1.0 U	1.5 J	2.76 J
BA9DC																
BA9DC-WO5-0315-1	5	8.60 J	5.21 J	5.35 J	< 3.4 U	< 0.84 U	4.10 J	1.5 J	4.30 J	3.10 J	1.3 J	< 1.7 U	< 1.6 U	1.6 J	1.14 J	3.12 J
BA9DC-WO20-0315-1	20	10.6 J	7.13 J	6.98 J	5.30 J	< 1.3 U	5.51 J	2.28 J	5.10 J	4.10 J	2.30 J	< 1.5 U	< 1.4 U	2.38 J	1.23 J	2.41 J
BA9DC-WO35-0315-1	35	< 2.4 U	< 5.1 U	< 3.3 U	< 3.7 U	< 0.70 U	5.40 J	2.10 J	4.00 J	5.00 J	2.8 J	< 1.7 U	< 1.7 U	3.0 J	0.75 J	3.45 J
BA9DC-WO38-0315-2	38	< 1.4 U	< 1.4 U	< 4.5 U	< 2.3 U	< 0.33 UJ	< 4.0 U	< 0.62 UJ	< 3.6 U	< 1.3 U	< 0.78 UJ	< 1.0 U	< 0.96 U	< 0.54 U	< 0.60 U	5.98 J
BA9DC-WO38-0315-3	38	< 2.7 U	< 1.3 U	< 4.5 U	< 6.4 U	< 0.60 UJ	< 4.0 U	1.22 J	< 3.6 U	2.36 J	1.1 J	< 1.1 U	< 1.1 U	< 0.064 U	< 7.3 U	< 1.8 U

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters below surface
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

- Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
 - The data qualifiers are final; associated reason codes will be presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
 - An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.
- * Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
U - not detected
UJ - not detected at an estimated reporting limit

Table 9 - Transect BA9 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Depth (m)	105*	110	114*	118*	123*	126*	128	138	149	151	153/168	156*/157*	158	167*	169*
BA9B																
BA9B-WO5-0915-1	5	0.36 J	1.38 J	< 0.22 U	< 0.65 U	< 0.22 U	< 0.20 U	< 0.17 U	< 0.63 U	< 1.4 U	< 0.23 U	< 0.99 U	< 0.19 U	< 0.13 U	< 0.14 U	< 0.15 U
BA9B-WO75-0915-1	75	0.85 J	4.50 J	< 0.15 U	2.25 J	< 0.15 U	< 0.13 U	0.270 J	1.73 J	< 1.4 U	0.551 J	1.26 J	0.230 J	0.168 J	0.152 J	< 0.10 U
BA9B-WO145-0915-1	146	1.17 J	4.72 J	< 0.19 U	2.59 J	< 0.20 U	< 0.18 U	< 0.18 U	2.00 J	< 1.3 U	0.64 J	1.46 J	< 0.13 U	0.218 J	< 0.098 U	< 0.10 U
BA9BC																
BA9BC-WO5-0915-1	5	0.320 J	1.48 J	< 0.12 U	< 0.56 U	< 0.12 U	< 0.11 U	< 0.088 U	< 1.6 U	< 0.49 U	< 0.40 U	< 0.49 U	< 0.098 U	< 0.070 U	< 0.072 U	< 0.079 U
BA9BC-WO50-0915-1	50	0.27 J	1.4 J	< 0.26 U	< 0.73 U	< 0.27 U	< 0.27 U	< 0.21 U	< 1.6 U	< 1.4 U	< 0.20 U	< 0.76 U	< 0.24 U	< 0.17 U	< 0.18 U	< 0.20 U
BA9BC-WO95-0915-1	90	0.64 J	3.61 J	< 0.20 U	2.11 J	< 0.21 U	< 0.18 U	0.310 J	1.68 J	< 1.1 U	< 0.36 U	1.08 J	< 0.16 U	< 0.12 U	< 0.12 U	< 0.12 U
BA9C																
BA9C-WO5-0915-1	5	0.230 J	1.44 J	< 0.15 U	< 1.0 U	< 0.15 U	< 0.14 U	< 0.13 U	< 1.6 U	< 1.4 U	< 0.21 U	< 0.99 U	< 0.14 U	< 0.10 U	< 0.10 U	< 0.12 U
BA9C-WO30-0915-1	30	0.620 J	2.50 J	< 0.24 U	1.20 J	< 0.25 U	< 0.21 U	0.250 J	< 1.6 U	< 0.63 U	< 0.40 U	0.970 J	< 0.19 U	< 0.14 U	< 0.14 U	< 0.15 U
BA9C-WO55-0915-1	56	0.600 J	< 2.9 U	< 0.16 U	1.44 J	< 0.17 U	< 0.16 U	0.21 J	2.05 J	1.51 J	0.690 J	1.32 J	< 0.32 U	0.220 J	< 0.10 U	< 0.12 U
BA9C-WO58-0915-1	58	0.720 J	< 2.8 U	< 0.22 U	1.70 J	< 0.23 U	< 0.23 U	0.38 J	2.16 J	1.4 J	0.52 J	1.3 J	< 0.35 U	0.200 J	< 0.13 U	< 0.15 U
BA9DC																
BA9DC-WO5-0315-1	5	< 0.57 U	2.59 J	< 0.13 U	< 1.5 U	0.18 J	< 0.12 U	< 0.46 U	< 3.5 U	< 2.2 U	< 0.83 U	< 5.6 U	< 0.45 U	< 0.35 U	< 0.40 U	< 0.95 U
BA9DC-WO20-0315-1	20	< 1.1 U	4.24 J	< 0.28 U	2.88 J	< 0.26 U	< 0.26 U	< 0.36 U	3.63 J	2.90 J	1.55 J	< 3.7 U	< 0.34 U	< 0.90 U	< 0.33 U	< 0.97 U
BA9DC-WO35-0315-1	35	1.53 J	6.06 J	< 0.48 U	3.0 J	< 0.46 U	< 0.43 U	0.860 J	4.11 J	3.04 J	1.39 J	< 5.6 U	< 0.51 U	< 0.65 U	< 0.49 U	< 0.61 U
BA9DC-WO38-0315-2	38	< 1.1 U	< 2.0 U	< 0.19 U	< 2.7 U	< 0.19 U	< 0.19 U	< 0.24 UJ	< 1.1 U	< 0.88 U	< 0.17 U	< 1.2 U	< 0.24 UJ	< 0.18 U	< 0.20 U	< 0.26 U
BA9DC-WO38-0315-3	38	< 0.63 U	2.8 J	< 0.24 U	< 2.7 U	< 0.23 U	< 0.23 U	0.42 J	< 3.5 U	< 4.7 U	< 0.51 U	< 1.5 U	0.760 J	< 3.1 U	< 0.27 U	< 0.26 U

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters below surface
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

1. Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
2. The data qualifiers are final; associated reason codes will be presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.
* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
U - not detected
UJ - not detected at an estimated reporting limit

Table 9 - Transect BA9 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Depth (m)	170	177	180	183	187	189*	194	195	201	203	206	209	Total PCBs (ND = 0)
BA9B														
BA9B-WO5-0915-1	5	< 0.20 U	< 0.20 U	< 0.30 U	< 0.17 U	< 0.32 U	< 0.23 U	< 0.15 U	< 0.15 U	< 0.10 U	< 0.13 U	< 0.53 U	2.14 J	6.2
BA9B-WO75-0915-1	75	0.330 J	0.180 J	< 0.72 U	< 0.14 U	< 0.20 U	< 0.16 U	< 0.13 U	< 0.13 U	< 0.088 U	0.150 J	< 0.45 U	2.24 J	54
BA9B-WO145-0915-1	146	0.200 J	< 0.17 U	< 0.38 U	0.190 J	< 0.19 U	< 0.18 U	< 0.11 U	< 0.12 U	< 0.067 U	< 0.086 U	< 0.53 U	1.88 J	66
BA9BC														
BA9BC-WO5-0915-1	5	< 0.11 U	< 0.11 U	< 0.21 U	< 0.097 U	< 0.32 U	< 0.14 U	< 0.091 U	< 0.092 U	< 0.053 U	< 0.067 U	< 0.31 U	1.60 J	20
BA9BC-WO50-0915-1	50	0.29 J	< 0.24 U	< 0.72 U	< 0.21 U	< 0.32 U	< 0.36 U	< 0.24 U	< 0.24 U	< 0.15 U	< 0.19 U	< 0.95 U	2.01 J	26
BA9BC-WO95-0915-1	90	< 0.21 U	< 0.21 U	< 0.32 U	< 0.18 U	< 0.24 U	< 0.20 U	< 0.17 U	< 0.18 U	< 0.073 U	0.10 J	< 0.47 U	1.68 J	36
BA9C														
BA9C-WO5-0915-1	5	< 0.13 U	< 0.13 U	< 0.72 U	< 0.11 U	< 0.32 U	< 0.19 U	< 0.093 U	< 0.094 U	< 0.054 U	< 0.070 U	< 0.32 U	1.62 J	12
BA9C-WO30-0915-1	30	< 0.22 U	< 0.22 U	< 0.72 U	< 0.19 U	< 0.32 U	< 0.27 U	< 0.17 U	< 0.17 U	< 0.082 U	< 0.11 U	< 0.58 U	2.07 J	41
BA9C-WO55-0915-1	56	0.28 J	0.25 J	< 0.58 U	< 0.19 U	0.34 J	< 0.14 U	< 0.14 U	< 0.14 U	< 0.11 U	< 0.14 U	< 0.54 U	< 0.69 U	25
BA9C-WO58-0915-1	58	0.47 J	< 0.27 U	< 1.1 U	0.25 J	0.500 J	< 0.18 U	< 0.15 U	< 0.15 U	< 0.13 U	< 0.17 U	< 0.68 U	< 0.96 U	31
BA9DC														
BA9DC-WO5-0315-1	5	< 0.55 U	< 0.53 U	< 3.4 U	< 0.45 U	< 0.48 U	< 0.56 U	< 0.24 U	< 0.25 U	< 0.48 U	< 0.66 U	< 3.3 U	< 1.3 U	42
BA9DC-WO20-0315-1	20	< 0.54 U	< 0.52 U	< 3.4 U	< 0.44 U	< 1.7 U	< 0.79 U	< 0.54 U	< 0.57 U	< 0.47 U	< 0.65 U	< 5.8 U	< 2.8 U	70.5
BA9DC-WO35-0315-1	35	1.50 J	< 1.1 U	< 1.3 U	< 0.92 U	< 1.3 U	< 1.3 U	< 1.5 U	< 1.5 U	< 0.61 U	1.1 J	< 7.7 U	< 3.7 U	49
BA9DC-WO38-0315-2	38	0.730 J	< 0.30 U	< 0.41 U	< 0.26 U	< 0.31 U	< 0.30 U	< 0.19 U	< 0.20 U	< 0.13 U	< 0.18 UJ	< 1.9 U	0.690 J	7.4
BA9DC-WO38-0315-3	38	< 0.42 UJ	< 0.40 U	< 3.4 UJ	< 0.34 U	< 0.37 UJ	< 0.43 U	< 0.30 U	< 0.31 U	< 0.19 U	< 0.26 UJ	< 3.2 U	< 1.2 UJ	8.6
													IROD AWQC (human health) [pg/L]	
													64	
													IROD AWQC (ecological) [pg/L]	
													30,000	

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters below surface
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

- Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
- The data qualifiers are final; associated reason codes will be presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
- An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.

* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Total PCBs (ND = 0) - Sum of 46 PCB congeners (Non-detects = Zero)

Shaded cells show Total PCBs greater than the IROD AWQC (human health)

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown

J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*

U - not detected

UJ - not detected at an estimated reporting limit

Table 10 - Transect BA10 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Depth (m)	8	18	28	31	37	44	49	52	70/74	66	77*	81*	87/119	99	101
BA10B																
BA10B-WO5-0915-1	5	< 1.5 U	< 7.3 U	< 20 U	< 15 U	< 0.33 U	< 7.3 U	< 0.55 U	< 6.8 U	< 1.3 U	< 7.1 U	< 0.21 U	< 0.22 U	< 0.31 U	< 1.4 U	< 2.3 U
BA10B-WO75-0915-1	75	< 1.9 U	< 7.3 U	< 20 U	< 15 U	< 0.36 U	< 7.3 U	< 0.93 U	< 6.8 U	< 11 U	< 0.69 U	< 0.21 U	< 0.22 U	< 0.77 U	< 0.51 U	< 2.3 U
BA10B-WO145-0915-1	141	< 30 U	< 7.3 U	< 23 U	< 15 U	< 7.3 U	< 7.6 U	< 3.0 U	< 6.8 U	< 12 U	< 7.1 U	0.80 J	< 0.55 U	< 2.1 U	1.60 J	2.52 J
BA10C																
BA10C-WO5-0915-1	5	< 11 U	< 7.3 U	< 23 U	< 15 U	< 7.3 U	< 7.6 U	< 3.0 U	< 6.8 U	< 12 U	< 7.1 U	0.92 J	< 0.49 U	< 2.1 U	< 1.1 U	2.39 J
BA10C-WO30-0915-1	30	< 30 U	< 7.3 U	< 23 U	< 15 U	< 7.3 U	< 7.6 U	< 3.0 U	< 6.8 U	< 12 U	< 7.1 U	0.780 J	< 0.39 U	< 1.3 U	< 1.5 U	< 2.4 U
BA10C-WO55-0915-1	56	< 30 U	< 7.3 U	< 23 U	< 15 U	< 7.3 U	< 7.6 U	< 3.0 U	< 6.8 U	< 12 U	< 7.1 U	0.630 J	< 0.24 U	2.66 J	2.48 J	3.46 J
BA10DC																
BA10DC-WO5-0915-1	5	< 0.61 U	5.1 J	2.70 J	2.50 J	< 2.7 U	3.56 J	< 0.35 U	< 0.54 U	1.45 J	< 0.38 U	< 0.60 U	< 0.57 U	< 0.29 U	< 0.39 U	< 0.92 U
BA10DC-WO20-0915-1	20	< 0.99 U	< 3.4 U	2.50 J	2.60 J	< 2.6 U	< 2.6 U	< 0.30 U	1.6 J	1.05 J	< 0.34 U	< 0.43 U	< 0.45 U	< 0.28 U	< 0.38 U	< 0.68 U
BA10DC-WO35-0915-1	35	< 1.1 U	< 3.2 U	2.90 J	2.30 J	< 2.9 U	4.09 J	1.52 J	3.61 J	2.52 J	2.02 J	< 0.44 U	< 0.43 U	1.57 J	1.4 J	1.8 J

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters below surface
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

1. Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
 2. The data qualifiers are final; associated reason codes will be presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
 3. An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.
- * Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
U - not detected
UU - not detected at an estimated reporting limit

Table 10 - Transect BA10 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Depth (m)	105*	110	114*	118*	123*	126*	128	138	149	151	153/168	156*/157*	158	167*	169*
BA10B																
BA10B-WO5-0915-1	5	< 0.16 U	< 2.9 U	< 0.15 U	< 2.1 U	< 0.16 U	< 0.14 U	< 0.11 U	< 1.5 U	< 0.42 U	< 0.21 U	< 0.54 U	< 0.11 U	0.11 J	< 0.081 U	< 0.087 U
BA10B-WO75-0915-1	75	< 0.26 U	< 1.2 U	< 0.13 U	< 2.1 U	< 0.14 U	< 0.13 U	< 0.11 U	< 0.95 U	< 1.2 U	< 0.42 U	< 1.3 U	< 0.91 U	< 0.088 U	< 0.088 U	< 0.097 U
BA10B-WO145-0915-1	141	< 1.7 U	3.56 J	< 0.31 U	2.55 J	< 0.33 U	< 0.29 U	< 0.34 U	2.24 J	1.51 J	< 0.35 U	1.50 J	< 0.39 U	< 0.27 U	< 0.29 U	< 0.30 U
BA10C																
BA10C-WO5-0915-1	5	< 1.0 U	3.13 J	< 0.30 U	< 2.1 U	< 0.31 U	< 0.25 U	< 0.31 U	< 1.6 U	< 0.82 U	< 0.32 U	< 1.3 U	< 0.34 U	< 0.25 U	< 0.26 U	< 0.25 U
BA10C-WO30-0915-1	30	< 1.7 U	< 2.9 U	< 0.26 U	< 2.1 U	< 0.27 U	< 0.22 U	< 0.17 U	< 1.6 U	< 1.1 U	< 0.20 U	0.760 J	< 0.19 U	< 0.14 U	< 0.14 U	< 0.14 U
BA10C-WO55-0915-1	56	< 1.7 U	4.77 J	< 0.21 U	3.19 J	< 0.21 U	< 0.17 U	0.49 J	3.31 J	1.9 J	0.960 J	2.57 J	0.24 J	0.27 J	< 0.12 U	< 0.11 U
BA10DC																
BA10DC-WO5-0915-1	5	< 0.27 U	1.1 J	< 0.28 U	0.730 J	< 0.29 U	< 0.36 U	< 0.24 U	1.30 J	< 0.33 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.18 U	< 0.19 U	< 0.22 U
BA10DC-WO20-0915-1	20	< 0.33 U	0.900 J	< 0.34 U	0.840 J	< 0.37 U	< 0.41 U	< 0.20 U	0.99 J	< 0.28 U	< 0.24 U	1.2 J	< 0.19 U	< 0.15 U	< 0.16 U	< 0.17 U
BA10DC-WO35-0915-1	35	< 0.36 U	2.05 J	< 0.39 U	2.00 J	< 0.40 U	< 0.51 U	< 0.22 U	2.70 J	1.6 J	< 0.17 U	1.9 J	< 0.20 U	< 0.16 U	< 0.17 U	< 0.21 U

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters below surface
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

1. Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
2. The data qualifiers are final; associated reason codes will be presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.
* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
U - not detected
UJ - not detected at an estimated reporting limit

Table 10 - Transect BA10 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Depth (m)	170	177	180	183	187	189*	194	195	201	203	206	209	Total PCBs (ND = 0)
BA10B														
BA10B-WO5-0915-1	5	< 0.19 U	< 0.18 U	< 1.1 U	< 0.16 U	0.24 J	< 0.12 U	< 0.14 U	< 0.14 U	< 0.083 U	< 0.11 U	< 0.71 U	< 0.52 U	0.35
BA10B-WO75-0915-1	75	0.19 J	< 0.14 U	< 0.35 U	< 0.12 U	0.140 J	< 0.094 U	< 0.11 U	< 0.11 U	< 0.062 U	< 0.081 U	< 0.42 U	< 0.40 U	0.33
BA10B-WO145-0915-1	141	< 0.58 U	< 0.60 U	0.76 J	< 0.54 U	< 0.46 U	< 0.38 U	< 0.39 U	< 0.40 U	< 0.46 U	< 0.58 U	< 0.59 U	< 2.8 U	17
BA10C														
BA10C-WO5-0915-1	5	< 0.36 U	< 0.36 U	< 0.28 U	< 0.33 U	< 0.28 U	< 0.26 U	< 0.25 U	< 0.25 U	< 0.35 U	< 0.44 U	< 0.67 U	< 2.8 U	6.4
BA10C-WO30-0915-1	30	< 0.22 U	< 0.23 U	0.370 J	< 0.20 U	0.21 J	< 0.23 U	< 0.17 U	< 0.18 U	< 0.22 U	< 0.28 U	< 0.74 U	< 2.8 U	2.1
BA10C-WO55-0915-1	56	0.760 J	0.390 J	1.10 J	0.31 J	0.790 J	< 0.18 U	< 0.20 U	< 0.21 U	0.156 J	0.240 J	< 0.49 U	< 2.8 U	31
BA10DC														
BA10DC-WO5-0915-1	5	< 0.35 U	< 0.38 U	< 0.27 U	< 0.36 U	< 0.30 U	< 0.34 U	< 0.16 U	< 0.17 U	< 0.13 U	< 0.14 U	< 0.53 U	0.45 J	19
BA10DC-WO20-0915-1	20	< 0.35 U	< 0.38 U	< 0.27 U	< 0.37 U	< 0.31 U	< 0.37 U	< 0.18 U	< 0.19 U	< 0.12 U	< 0.13 U	< 0.60 U	< 0.15 U	12
BA10DC-WO35-0915-1	35	< 0.42 U	< 0.46 U	< 0.33 U	< 0.44 U	< 0.37 U	< 0.26 U	< 0.16 U	< 0.17 U	< 0.14 U	< 0.15 U	< 0.45 U	0.530 J	35
													IROD AWQC (human health) [pg/L]	64
													IROD AWQC (ecological) [pg/L]	30,000

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters below surface
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

1. Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
2. The data qualifiers are final; associated reason codes will be presented in the QCSR.
Laboratory qualifiers are included in the laboratory reports (available upon request).
3. An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.

* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).
Total PCBs (ND = 0) - Sum of 46 PCB congeners (Non-detects = Zero)
Shaded cells show Total PCBs greater than the IROD AWQC (human health)

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
U - not detected
UJ - not detected at an estimated reporting limit

Table 11 - Transect 11 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Depth (m)</i>	<i>8</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>70/74</i>	<i>66</i>	<i>77*</i>	<i>81*</i>	<i>87/119</i>	<i>99</i>	<i>101</i>
T11																
T11-WO5-0915-1	5	< 30 U	< 7.3 U	< 23 U	< 15 U	< 7.3 U	< 7.6 U	< 3.0 U	< 6.8 U	< 12 U	< 7.1 U	0.810 J	< 0.32 U	< 1.4 U	< 0.92 U	< 1.6 U
T11-WO30-0915-1	30	< 21 U	< 2.4 U	< 23 U	< 15 U	< 7.3 U	< 7.6 U	< 1.4 U	< 3.2 U	< 12 U	< 7.1 U	< 0.62 U	< 0.68 U	< 1.6 U	< 1.8 U	< 1.7 U
T11-WO55-0915-1	55	< 30 U	< 7.3 U	< 23 U	< 15 U	< 7.3 U	< 4.1 U	< 3.0 U	< 6.8 U	< 12 U	< 7.1 U	< 0.42 U	< 0.32 U	< 2.1 U	< 0.79 U	< 2.4 U
T11-WO58-0915-1	58	< 8.4 U	< 7.3 U	< 23 U	< 15 U	< 7.3 U	< 7.6 U	< 3.0 U	< 6.8 U	< 12 U	< 7.1 U	< 0.46 U	< 0.28 U	< 1.5 U	< 1.5 U	< 2.4 U

Abbreviations

EDL - estimated detection limit (sample specific)

m - meters below surface

PCB - polychlorinated biphenyl

QCSR - Quality Control Summary Report

SDG - sample delivery group

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown

J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*

U - not detected

UJ - not detected at an estimated reporting limit

Notes

1. Analytical results for target PCB compounds are in **picograms per liter (pg/L, parts per quadrillion)**.

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

3. An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.

* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Table 11 - Transect 11 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Depth (m)</i>	<i>105*</i>	<i>110</i>	<i>114*</i>	<i>118*</i>	<i>123*</i>	<i>126*</i>	<i>128</i>	<i>138</i>	<i>149</i>	<i>151</i>	<i>153/168</i>	<i>156*/157*</i>	<i>158</i>	<i>167*</i>	<i>169*</i>
T11																
T11-WO5-0915-1	5	< 0.84 U	< 2.9 U	< 0.27 U	< 2.1 U	< 0.28 U	< 0.23 U	< 0.16 U	< 0.99 U	< 0.82 U	< 0.42 U	< 0.68 U	< 0.18 U	< 0.13 U	< 0.14 U	< 0.14 U
T11-WO30-0915-1	30	< 1.6 U	< 1.4 U	< 1.7 U	< 1.6 U	< 1.7 U	< 1.6 U	< 0.34 U	1.6 J	< 0.82 U	< 0.36 U	< 1.3 U	< 0.40 U	< 0.28 U	< 0.30 U	< 0.31 U
T11-WO55-0915-1	55	< 1.7 U	< 2.9 U	< 0.23 U	< 2.1 U	< 0.24 U	< 0.20 U	< 0.17 U	< 1.6 U	< 0.59 U	< 0.42 U	< 1.3 U	< 0.18 U	< 0.13 U	< 0.14 U	< 0.13 U
T11-WO58-0915-1	58	< 1.7 U	< 2.1 U	< 0.22 U	< 2.1 U	< 0.24 U	< 0.19 U	0.15 J	< 1.6 U	< 0.64 U	< 0.29 U	< 0.72 U	< 0.17 U	< 0.12 U	< 0.12 U	< 0.12 U

Abbreviations

EDL - estimated detection limit (sample specific)

m - meters below surface

PCB - polychlorinated biphenyl

QCSR - Quality Control Summary Report

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Notes

1. Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).

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Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown

J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*

U - not detected

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Table 11 - Transect 11 High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Depth (m)	170	177	180	183	187	189*	194	195	201	203	206	209	Total PCBs (ND = 0)
T11														
T11-WO5-0915-1	5	0.25 J	< 0.21 U	0.27 J	< 0.19 U	< 0.16 U	< 0.27 U	< 0.29 U	< 0.29 U	< 0.16 U	< 0.20 U	< 0.69 U	< 2.8 U	1.3
T11-WO30-0915-1	30	< 0.61 U	< 0.65 U	< 0.48 U	< 0.57 U	< 0.50 U	< 0.50 U	< 0.48 U	< 0.52 U	< 0.35 U	< 0.41 U	< 1.2 U	5.23 J	6.8
T11-WO55-0915-1	55	< 0.22 U	< 0.22 U	0.25 J	< 0.20 U	0.270 J	< 0.21 U	< 0.28 U	< 0.29 U	< 0.17 U	< 0.22 U	< 0.57 U	< 2.8 U	0.52
T11-WO58-0915-1	58	< 0.22 U	< 0.23 U	0.36 J	< 0.20 U	< 0.17 U	< 0.20 U	< 0.23 U	< 0.24 U	< 0.17 U	< 0.22 U	< 0.63 U	< 0.87 U	0.51
													IROD AWQC (human health) [pg/L]	
													64	
													IROD AWQC (ecological) [pg/L]	
													30,000	

Abbreviations

EDL - estimated detection limit (sample specific)

m - meters below surface

PCB - polychlorinated biphenyl

QCSR - Quality Control Summary Report

SDG - sample delivery group

Notes

1. Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).

2. The data qualifiers are final; associated reason codes will be presented in the QCSR.

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

3. An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.

* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Total PCBs (ND = 0) - Sum of 46 PCB congeners (Non-detects = Zero)

Shaded cells show Total PCBs greater than the IROD AWQC (human health)

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown

J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*

U - not detected

UJ - not detected at an estimated reporting limit

Table 12 - W Series High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Sample ID</i>	<i>Depth (m)</i>	<i>8</i>	<i>18</i>	<i>28</i>	<i>31</i>	<i>37</i>	<i>44</i>	<i>49</i>	<i>52</i>	<i>70/74</i>	<i>66</i>	<i>77*</i>	<i>81*</i>	<i>87/119</i>	<i>99</i>	<i>101</i>
W1																
W1-WO5-0915-1	5	< 11 U	< 6.1 U	< 5.6 U	< 5.4 U	< 6.4 U	< 2.1 U	< 0.92 U	3.0 J	< 0.84 U	< 0.88 U	< 0.91 U	< 0.93 U	< 0.89 U	< 1.1 U	< 0.94 U
W1-WO30-0915-1	30	< 2.2 U	2.0 J	2.7 J	< 1.7 U	< 2.0 U	3.69 J	1.52 J	3.06 J	2.83 J	1.3 J	< 0.47 U	< 0.49 U	0.98 J	0.930 J	2.18 J
W1-WO55-0915-1	57	< 2.0 U	< 1.6 U	1.6 J	< 1.6 U	< 2.1 U	< 2.7 U	0.70 J	2.31 J	1.79 J	< 0.28 U	< 0.32 U	< 0.34 U	1.14 J	0.86 J	1.81 J
W1-WO58-0915-1	60	< 2.1 U	< 2.2 U	2.2 J	< 1.8 U	< 2.4 U	< 3.1 U	1.36 J	2.68 J	< 0.43 U	< 0.45 U	< 0.53 U	< 0.54 U	< 0.37 U	< 0.46 U	< 0.39 U
W2																
W2-WO5-0915-1	5	< 5.1 U	2.60 J	2.80 J	2.44 J	< 0.64 U	< 5.0 U	1.15 J	3.16 J	2.13 J	1.2 J	< 0.38 U	< 0.41 U	1.1 J	0.56 J	1.41 J
W2-WO100-0915-1	100	< 7.3 U	2.2 J	3.28 J	2.4 J	< 0.76 U	7.11 J	1.70 J	3.7 J	3.82 J	2.1 J	< 0.55 U	< 0.52 U	1.2 J	< 0.48 U	1.8 J
W2-WO195-0915-1	192	< 3.5 U	2.89 J	3.79 J	2.56 J	< 0.54 U	7.68 J	2.2 J	4.81 J	4.45 J	2.73 J	< 0.42 U	< 0.45 U	2.6 J	1.61 J	2.80 J
W2-WO198-0915-1	202	< 5.2 U	2.08 J	3.49 J	2.3 J	0.590 J	5.32 J	1.53 J	3.70 J	3.89 J	2.60 J	0.400 J	< 0.41 U	1.9 J	1.52 J	2.1 J
W3																
W3-WO5-0915-1	5	< 1.1 U	2.40 J	4.85 J	3.35 J	< 1.3 U	3.18 J	0.860 J	2.40 J	1.4 J	0.570 J	< 0.35 U	< 0.34 U	0.77 J	0.570 J	1.03 J
W3-WO100-0915-1	100	< 1.9 U	2.5 J	4.00 J	2.4 J	< 2.2 U	4.59 J	< 0.25 U	3.63 J	2.57 J	1.1 J	< 0.53 U	< 0.51 U	1.47 J	1.08 J	2.07 J
W3-WO195-0915-1	187	< 3.8 U	2.70 J	4.50 J	2.90 J	< 3.8 U	6.78 J	2.6 J	6.0 J	8.69 J	5.73 J	< 0.72 U	< 0.78 U	< 0.57 U	2.9 J	6.27 J
W3-WO198-0915-1	200	< 1.1 U	4.20 J	9.80	5.4 J	< 3.2 U	9.81	5.33 J	11.3 J	12.8	9.28	< 0.52 U	< 0.54 U	4.2 J	5.85 J	8.99
W4																
W4-WO5-0315-1	5	8.80 J	5.2 J	5.67 J	4.42 J	< 1.6 UJ	< 4.0 UJ	1.8 J	4.17 J	2.98 J	1.54 J	< 0.42 UJ	< 0.46 UJ	< 1.2 UJ	< 3.2 UJ	2.67 J
W4-WO100-0315-1	100	< 2.9 UJ	< 5.1 UJ	< 4.5 UJ	< 1.9 UJ	< 0.83 UJ	< 4.0 UJ	1.2 J	< 3.6 UJ	2.94 J	1.47 J	< 0.87 UJ	< 1.1 UJ	3.13 J	< 2.9 UJ	4.06 J
W4-WO195-0315-1	195	< 7.3 U	< 5.1 U	5.42 J	3.81 J	< 1.1 U	6.75 J	3.15 J	5.85 J	7.27 J	4.74 J	0.37 J	< 0.35 U	5.61 J	< 4.0 U	< 2.0 U
W4-WO198-0315-1	198	< 7.3 U	< 5.1 U	< 4.5 U	< 3.7 U	< 0.79 U	< 4.0 U	1.08 J	< 3.6 U	< 2.3 U	1.0 J	0.400 J	< 0.36 U	< 1.4 U	< 2.8 U	< 1.8 U
W5																
W5-WO5-0915-1	5	< 2.5 U	< 1.2 U	< 2.6 U	< 1.6 U	< 1.0 U	< 2.7 U	0.77 J	< 2.8 U	1.8 J	< 0.86 U	< 0.36 U	< 0.36 U	< 0.64 U	< 0.35 U	1.26 J
W5-WO30-0915-1	30	< 3.8 U	< 2.8 U	2.83 J	< 2.3 U	< 0.66 U	< 4.0 U	1.26 J	< 2.8 U	2.53 J	< 1.3 U	< 0.30 U	< 0.32 U	< 0.65 U	0.80 J	1.44 J
W5-WO58-0915-1	53	< 1.9 U	< 2.8 U	< 2.6 U	< 2.3 U	< 0.31 U	< 4.0 U	< 0.77 U	< 2.8 U	1.58 J	< 1.3 U	< 0.19 U	< 0.19 U	< 0.45 U	0.610 J	0.71 J
W5-WO58-0915-2	53	< 1.9 U	< 2.8 U	< 2.6 U	< 2.3 U	< 0.42 U	< 4.0 U	< 0.76 U	< 1.7 U	1.45 J	< 0.74 U	< 0.78 U	< 0.27 U	< 1.4 U	0.28 J	1.1 J
W5-WO55-0915-1	55	< 3.9 U	< 2.8 U	2.79 J	2.62 J	< 0.60 U	< 4.0 U	0.82 J	3.91 J	2.05 J	< 0.88 U	< 0.33 U	< 0.33 U	< 0.48 U	0.50 J	1.61 J

Abbreviations

EDL - estimated detection limit (sample specific)
m - meters
PCB - polychlorinated biphenyl
QCSR - Quality Control Summary Report
SDG - sample delivery group

Notes

- Analytical results for target PCB compounds are in **picograms per liter (pg/L)**, parts per quadrillion).
 - The data qualifiers are final; associated reason codes will be presented in the QCSR. Laboratory qualifiers are included in the laboratory reports (available upon request).
 - An Estimated Maximum Possible Concentration (EMPC) result presented in *italics*, has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance ratio criteria. It is a calculated estimated maximum result.
- * Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).

Data Qualifiers

< - not detected above the estimated detection limit (EDL) shown
J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
U - not detected
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Table 12 - W Series High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Depth (m)	105*	110	114*	118*	123*	126*	128	138	149	151	153/168	156*/157*	158	167*	169*
W1																
W1-WO5-0915-1	5	< 0.88 U	< 0.85 U	< 0.88 U	< 0.98 U	< 1.0 U	< 1.2 U	< 0.74 U	1.9 J	< 0.76 U	< 0.72 U	1.64 J	< 0.73 U	< 0.60 U	< 0.59 U	< 0.61 U
W1-WO30-0915-1	30	< 0.29 U	2.70 J	< 0.30 U	1.8 J	< 0.34 U	< 0.36 U	< 0.25 U	1.6 J	0.98 J	< 0.20 U	1.1 J	< 0.26 U	< 0.21 U	< 0.20 U	< 0.20 U
W1-WO55-0915-1	57	< 0.31 U	1.4 J	< 0.37 U	0.950 J	< 0.40 U	< 0.41 U	< 0.23 U	0.90 J	0.70 J	< 0.19 U	1.0 J	< 0.23 U	< 0.19 U	< 0.18 U	< 0.19 U
W1-WO58-0915-1	60	< 0.26 U	< 0.35 U	< 0.33 U	1.3 J	< 0.34 U	< 0.42 U	< 0.25 U	1.6 J	0.90 J	< 0.22 U	1.2 J	< 0.25 U	< 0.21 U	< 0.20 U	< 0.22 U
W2																
W2-WO5-0915-1	5	0.590 J	1.60 J	< 0.22 U	1.35 J	< 0.25 U	< 0.23 U	< 0.19 U	1.17 J	0.790 J	< 0.24 U	0.74 J	< 0.24 U	< 0.16 U	< 0.19 U	< 0.18 U
W2-WO100-0915-1	100	1.23 J	2.86 J	< 0.33 U	1.65 J	< 0.34 U	< 0.36 U	< 0.29 U	1.77 J	1.3 J	< 0.31 U	1.39 J	< 0.37 U	< 0.24 U	< 0.27 U	< 0.31 U
W2-WO195-0915-1	192	1.4 J	4.46 J	< 0.25 U	2.31 J	< 0.26 U	< 0.24 U	0.32 J	2.52 J	1.99 J	0.55 J	1.85 J	0.510 J	0.370 J	< 0.17 U	< 0.16 U
W2-WO198-0915-1	202	1.1 J	3.5 J	< 0.21 U	2.37 J	< 0.24 U	< 0.20 U	0.36 J	1.9 J	1.41 J	0.71 J	1.75 J	0.350 J	< 0.14 U	< 0.17 U	< 0.16 U
W3																
W3-WO5-0915-1	5	0.41 J	1.29 J	< 0.14 U	1.00 J	< 0.14 U	< 0.17 U	< 0.14 U	0.80 J	0.58 J	< 0.13 U	0.44 J	< 0.14 U	< 0.10 U	< 0.11 U	< 0.13 U
W3-WO100-0915-1	100	0.970 J	2.91 J	< 0.22 U	1.82 J	< 0.26 U	< 0.30 U	< 0.19 U	1.88 J	1.1 J	0.54 J	1.2 J	< 0.18 U	< 0.14 U	< 0.14 U	< 0.18 U
W3-WO195-0915-1	187	5.71 J	8.52 J	< 0.59 U	4.8 J	1.3 J	< 0.63 U	< 0.45 U	5.95 J	2.72 J	1.4 J	2.95 J	2.4 J	< 0.34 U	< 0.37 U	2.4 J
W3-WO198-0915-1	200	4.85 J	12.3	< 0.29 U	9.36	< 0.33 U	< 0.32 U	1.66 J	11.2	5.41 J	2.69 J	6.49 J	1.09 J	0.670 J	< 0.21 U	< 0.25 U
W4																
W4-WO5-0315-1	5	< 0.44 UJ	2.53 J	< 0.24 UJ	< 1.4 UJ	< 0.28 UJ	< 0.18 UJ	< 0.24 UJ	< 3.5 UJ	1.5 J	< 0.83 UJ	< 5.6 UJ	< 0.24 UJ	< 0.19 UJ	< 0.27 UJ	< 0.16 UJ
W4-WO100-0315-1	100	1.1 J	4.97 J	< 0.33 UJ	3.57 J	< 0.32 UJ	< 0.21 UJ	0.78 J	< 3.5 UJ	4.3 J	1.4 J	< 5.6 UJ	< 0.34 UJ	< 0.35 UJ	< 0.37 UJ	< 0.22 UJ
W4-WO195-0315-1	195	2.66 J	9.82 J	< 0.30 U	6.99 J	< 0.31 U	< 0.23 U	0.97 J	5.5 J	4.54 J	1.8 J	< 5.6 U	< 0.61 U	< 1.4 U	< 0.30 U	< 0.15 U
W4-WO198-0315-1	198	< 1.1 U	2.0 J	< 0.13 U	< 2.7 U	< 0.15 U	< 0.10 U	0.24 J	< 3.5 U	< 1.2 U	< 0.42 U	< 5.6 U	< 0.23 U	< 0.19 U	< 0.27 U	< 0.19 U
W5																
W5-WO5-0915-1	5	0.530 J	< 2.9 U	< 0.23 U	< 1.2 U	< 0.24 U	< 0.24 U	0.21 J	< 1.2 U	< 1.2 U	< 0.32 U	< 1.3 U	< 0.22 U	< 0.14 U	< 0.12 U	< 0.15 U
W5-WO30-0915-1	30	0.42 J	< 2.9 U	< 0.21 U	< 1.2 U	< 0.22 U	< 0.21 U	0.320 J	1.72 J	< 0.93 U	0.510 J	< 1.3 U	< 0.91 U	< 0.14 U	< 0.13 U	< 0.15 U
W5-WO58-0915-1	53	0.240 J	< 2.9 U	< 0.12 U	< 1.2 U	< 0.13 U	< 0.12 U	0.220 J	< 1.5 U	< 0.59 U	< 0.42 U	< 1.3 U	< 0.91 U	0.12 J	< 0.082 U	< 0.090 U
W5-WO58-0915-2	53	0.32 J	< 2.9 U	< 0.15 U	< 0.78 U	< 0.15 U	< 0.14 U	0.16 J	< 1.5 U	< 1.2 U	< 0.28 U	< 1.3 U	< 0.12 U	0.095 J	< 0.089 U	< 0.098 U
W5-WO55-0915-1	55	0.30 J	< 1.6 U	< 0.22 U	< 1.2 U	< 0.23 U	< 0.22 U	0.15 J	< 1.0 U	< 1.2 U	< 0.22 U	< 0.67 U	< 0.18 U	< 0.11 U	< 0.12 U	< 0.13 U

Abbreviations

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Data Qualifiers

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Table 12 - W Series High Resolution PCBs in Water
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
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Sample ID		Depth (m)	170	177	180	183	187	189*	194	195	201	203	206	209	Total PCBs
W1															
	W1-WO5-0915-1	5	< 1.4 U	< 1.5 U	< 1.1 U	< 1.4 U	< 1.1 U	< 1.3 U	< 0.52 U	< 0.57 U	< 0.38 U	< 0.40 U	< 1.4 U	< 0.49 U	6.5
	W1-WO30-0915-1	30	< 0.55 U	< 0.59 U	< 0.43 U	< 0.55 U	< 0.44 U	< 0.46 U	< 0.21 U	< 0.23 U	< 0.15 U	< 0.16 U	< 0.43 U	< 0.15 U	29
	W1-WO55-0915-1	57	< 0.49 U	< 0.53 U	< 0.38 U	< 0.49 U	< 0.40 U	< 0.41 U	< 0.17 U	< 0.18 U	< 0.13 U	< 0.14 U	< 0.47 U	0.720 J	16
	W1-WO58-0915-1	60	< 0.54 U	< 0.58 U	< 0.42 U	< 0.54 U	< 0.44 U	< 0.49 U	< 0.22 U	< 0.24 U	< 0.14 U	< 0.15 U	< 0.56 U	< 0.16 U	11
W2															
	W2-WO5-0915-1	5	< 0.21 U	< 0.22 U	< 0.17 U	< 0.20 U	< 0.17 U	< 0.18 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.20 U	< 0.96 U	0.430 J	25
	W2-WO100-0915-1	100	< 0.27 U	< 0.28 U	< 0.21 U	< 0.26 U	< 0.22 U	< 0.19 U	< 0.23 U	< 0.23 U	< 0.17 U	< 0.20 U	< 1.0 U	0.38 J	40
	W2-WO195-0915-1	192	0.41 J	< 0.24 U	0.71 J	< 0.22 U	0.560 J	< 0.14 U	< 0.19 U	< 0.19 U	< 0.16 U	< 0.19 U	< 0.75 U	0.57 J	57
	W2-WO198-0915-1	202	0.830 J	0.35 J	0.82 J	< 0.26 U	0.28 J	< 0.14 U	< 0.17 U	< 0.17 U	< 0.14 U	< 0.16 U	< 0.81 U	0.45 J	48
W3															
	W3-WO5-0915-1	5	< 0.33 U	< 0.33 U	< 0.26 U	< 0.30 U	< 0.25 U	< 0.30 U	< 0.11 U	< 0.12 U	< 0.094 U	< 0.11 U	< 0.53 U	0.800 J	27
	W3-WO100-0915-1	100	< 0.53 U	< 0.54 U	< 0.41 U	< 0.49 U	< 0.41 U	< 0.36 U	< 0.18 U	< 0.20 U	< 0.11 U	< 0.13 U	< 0.64 U	0.380 J	36
	W3-WO195-0915-1	187	< 0.85 U	< 0.88 U	4.33 J	< 0.80 U	0.87 J	5.21 J	0.41 J	< 0.29 U	< 0.20 U	0.33 J	1.39 J	21.9 J	120
	W3-WO198-0915-1	200	1.78 J	< 0.98 U	3.84 J	< 0.94 U	2.2 J	< 0.50 U	0.51 J	< 0.22 U	< 0.18 U	0.63 J	< 0.68 U	1.58 J	150
W4															
	W4-WO5-0315-1	5	< 0.38 UJ	< 0.39 UJ	< 3.4 UJ	< 0.34 UJ	< 2.9 UJ	< 0.19 UJ	< 0.62 UJ	< 0.65 UJ	< 0.51 UJ	< 0.67 UJ	< 3.8 UJ	< 2.7 UJ	41
	W4-WO100-0315-1	100	< 0.94 UJ	< 0.89 UJ	< 3.4 UJ	< 0.76 UJ	< 2.3 UJ	< 0.60 UJ	< 0.56 UJ	< 0.59 UJ	< 0.36 UJ	< 0.50 UJ	< 7.3 UJ	< 4.3 UJ	29
	W4-WO195-0315-1	195	1.04 J	< 2.6 U	< 2.0 U	< 2.3 U	< 1.7 U	< 0.19 U	< 0.43 U	< 0.45 U	< 0.32 U	< 0.41 U	< 2.7 U	1.7 J	78
	W4-WO198-0315-1	198	0.40 J	< 0.49 U	< 0.73 U	< 0.22 U	< 2.9 U	< 0.29 U	< 0.47 U	< 0.49 U	< 0.46 U	< 0.60 U	< 2.6 U	< 0.54 U	5.1
W5															
	W5-WO5-0915-1	5	< 0.34 U	< 0.32 U	< 1.1 U	< 0.28 U	0.45 J	< 0.20 U	< 0.16 U	< 0.16 U	< 0.15 U	< 0.20 U	< 0.75 U	< 0.93 U	5.0
	W5-WO30-0915-1	30	< 0.32 U	0.40 J	< 0.96 U	< 0.27 U	0.31 J	< 0.18 U	< 0.22 U	< 0.22 U	< 0.13 U	< 0.18 U	< 0.83 U	< 1.1 U	13
	W5-WO58-0915-1	53	0.260 J	< 0.13 U	< 0.39 U	< 0.11 UJ	0.16 J	< 0.10 U	< 0.098 U	< 0.098 U	< 0.070 U	< 0.092 U	< 0.55 U	< 0.71 U	3.9
	W5-WO58-0915-2	53	0.16 J	< 0.11 U	< 1.1 U	0.167 J	0.171 J	< 0.14 U	< 0.13 U	< 0.13 U	< 0.066 U	< 0.087 U	< 0.57 U	< 1.5 U	3.9
	W5-WO55-0915-1	55	< 0.20 U	< 0.19 U	< 0.27 U	< 0.17 U	0.24 J	< 0.16 U	< 0.14 U	< 0.14 U	< 0.13 U	< 0.16 U	< 0.72 U	< 1.5 U	15
IROD AWQC (human health) [pg/L]														64	
IROD AWQC (ecological) [pg/L]														30,000	

Abbreviations	Notes
EDL - estimated detection limit (sample specific)	1. Analytical results for target PCB compounds are in picograms per liter (pg/L) , parts per quadrillion).
m - meters below surface	2. The data qualifiers are final; associated reason codes will be presented in the QCSR.
PCB - polychlorinated biphenyl	Laboratory qualifiers are included in the laboratory reports (available upon request).
QCSR - Quality Control Summary Report	3. An Estimated Maximum Possible Concentration (EMPC) result presented in <i>italics</i> , has a quantitation ion signal to noise ratio greater than 2.5, but does not meet ion abundance
SDG - sample delivery group	ratio criteria. It is a calculated estimated maximum result.

* Dioxin-like PCB congener (World Health Organization 2005 [WHO-05]).
Total PCBs (ND = 0) - Sum of 46 PCB congeners (Non-detects = Zero)
Shaded cells show Total PCBs greater than the IROD AWQC (human health)

Data Qualifiers
< - not detected above the estimated detection limit (EDL) shown
J - estimated value (greater than EDL), *Estimated Maximum Possible Concentration (EMPC) in italics*
U - not detected
UJ - not detected at an estimated reporting limit