

Table 3-9 – Collection Data – High Resolution Grab Water Samples
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

<i>Grid ID</i>	<i>Latitude</i>	<i>Longitude</i>	<i>Sample ID</i>	<i>Sample type</i>	<i>Depth (m)</i>	<i>Date</i>	<i>Time</i>
BA1B	33° 44.975' N	118° 26.818' W	BA1B-WO5-0915-1	Ocean water	5	9/23/15	1137
			BA1B-WO75-0915-1	Ocean water	75	9/23/15	1112
			BA1B-WO145-0915-1	Ocean water	147	9/23/15	1127
BA1C	33° 45.440' N	118° 26.460' W	BA1C-WO5-0915-1	Ocean water	5	9/16/15	1103
			BA1C-WO30-0915-1	Ocean water	30	9/16/15	1110
			BA1C-WO55-0915-1	Ocean water	57	9/16/15	1123
			BA1C-WO60-0915-1	Ocean water	59	9/16/15	1134
BA1DC	33° 45.758' N	118° 26.226' W	BA1DC-WO5-0915-1	Ocean water	5	9/23/15	1148
			BA1DC-WO5-0915-2	Replicate	5	9/23/15	1153
			BA1DC-WO20-0915-1	Ocean water	20	9/16/15	1207
			BA1DC-WO35-0915-1	Ocean water	35	9/16/15	1215
BA2B	33° 43.940' N	118° 25.561' W	BA2B-WO5-0915-1	Ocean water	5	9/16/15	1451
			BA2B-WO75-0915-1	Ocean water	75	9/16/15	1501
			BA2B-WO145-0915-1	Ocean water	145	9/23/15	1228
BA2C	33° 44.267' N	118° 25.393' W	BA2C-WO5-0915-1	Ocean water	5	9/23/15	1243
			BA2C-WO30-0915-1	Ocean water	30	9/16/15	1354
			BA2C-WO55-0915-1	Ocean water	55	9/16/15	1406
BA2DC	33° 44.386' N	118° 25.329' W	BA2DC-WO5-0915-1	Ocean water	5	9/16/15	1243
			BA2DC-WO20-0915-1	Ocean water	20	9/16/15	1254
			BA2DC-WO35-0915-1	Ocean water	39	9/16/15	1327
BA3B	33° 43.424' N	118° 24.454' W	BA3B-WO5-0915-1	Ocean water	5	9/23/15	1322
			BA3B-WO80-0915-1	Ocean water	75	9/23/15	1300
			BA3B-WO145-0915-1	Ocean water	153	9/23/15	1312
BA3C	33° 43.800' N	118° 24.150' W	BA3C-WO5-0915-1	Ocean water	5	9/16/15	1658
			BA3C-WO5-1115-1	Time replicate	5	11/30/15	1250
			BA3C-WO30-0915-1	Ocean water	30	9/16/15	1708
			BA3C-WO55-0915-1	Ocean water	55	9/16/15	1720
			BA3C-WO58-0915-1	Ocean water	58	9/16/15	1729
BA3DC	33° 43.950' N	118° 24.043' W	BA3DC-WO5-0915-1	Ocean water	5	9/16/15	1633
			BA3DC-WO20-0915-1	Ocean water	20	9/16/15	1641
			BA3DC-WO35-0915-1	Ocean water	38	9/16/15	1650
BA4B	33° 43.002' N	118° 23.245' W	BA4B-WO5-0915-1	Ocean water	5	9/17/15	1719
			BA4B-WO75-0915-1	Ocean water	75	9/17/15	1804
			BA4B-WO145-0915-1	Ocean water	141	9/17/15	1744

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BA4C	33° 43.400' N	118° 23.080' W	BA4C-WO5-0915-1	Ocean water	5	9/17/15	1817
			BA4C-WO30-0915-1	Ocean water	30	9/17/15	1828
			BA4C-WO55-0915-1	Ocean water	55	9/17/15	1851
			BA4C-WO58-0915-1	Ocean water	58	9/17/15	1903
BA4DC	33° 43.756' N	118° 22.909' W	BA4DC-WO5-0915-1	Ocean water	5	9/23/15	1352
			BA4DC-WO20-0915-1	Ocean water	20	9/23/15	1339
			BA4DC-WO35-0915-1	Ocean water	36	9/23/15	1346
BA5B	33° 42.541' N	118° 22.083' W	BA5B-WO5-0915-1	Ocean water	5	9/22/15	1032
			BA5B-WO75-0915-1	Ocean water	75	9/22/15	1042
			BA5B-WO145-0915-1	Ocean water	145	9/22/15	1058
BA5C	33° 42.880' N	118° 21.960' W	BA5C-WO5-0915-1	Ocean water	5	9/22/15	1114
			BA5C-WO30-0915-1	Ocean water	30	9/22/15	1159
			BA5C-WO55-0915-1	Ocean water	55	9/22/15	1149
			BA5C-WO58-0915-1	Ocean water	59	9/22/15	1123
			BA5C-WO58-0915-2	Replicate	59	9/22/15	1134
BA5DC	33° 43.230' N	118° 21.830' W	BA5DC-WO5-0915-1	Ocean water	5	9/22/15	1307
			BA5DC-WO20-0915-1	Ocean water	20	9/22/15	1300
			BA5DC-WO35-0915-1	Ocean water	35	9/22/15	1251
			BA5DC-WO38-0915-1	Ocean water	38	9/22/15	1231
			BA5DC-WO38-0915-2	Replicate	38	9/22/15	1242
BA6B	33° 42.182' N	118° 21.359' W	BA6B-WO5-0915-1	Ocean water	5	9/22/15	1408
			BA6B-WO75-0915-1	Ocean water	75	9/22/15	1357
			BA6B-WO145-0915-1	Ocean water	130	9/22/15	1337
BA6BC	33° 42.270' N	118° 21.387' W	BA6BC-WO5-0915-1	Ocean water	5	9/22/15	1443
			BA6BC-WO50-0915-1	Ocean water	50	9/22/15	1435
			BA6BC-WO95-0915-1	Ocean water	88	9/22/15	1424
BA6C	33° 42.471' N	118° 21.242' W	BA6C-WO5-0915-1	Ocean water	5	9/22/15	1523
			BA6C-WO30-0915-1	Ocean water	30	9/22/15	1512
			BA6C-WO55-0915-1	Ocean water	54	9/24/15	1118
BA6DC	33° 42.757' N	118° 21.049' W	BA6DC-WO5-0915-1	Ocean water	5	9/22/15	1556
			BA6DC-WO20-1115-1	Ocean water	20	11/30/15	1122
			BA6DC-WO35-0915-1	Ocean water	35	9/22/15	1539
BA7B	33° 42.049' N	118° 21.086' W	BA7B-WO5-0915-1	Ocean water	5	9/24/15	1012
			BA7B-WO75-0915-1	Ocean water	75	9/24/15	1037
			BA7B-WO145-0915-1	Ocean water	140	9/24/15	1023

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BA7BC	33° 42.114' N	118° 21.063' W	BA7BC-WO5-0915-1	Ocean water	5	9/24/15	1048
			BA7BC-WO50-0915-1	Ocean water	50	9/24/15	1057
			BA7BC-WO95-0915-1	Ocean water	91	9/24/15	1107
BA7C	33° 42.310' N	118° 20.920' W	BA7C-WO5-0315-1	Ocean water	5	3/31/15	1135
			BA7C-WO30-0315-1	Ocean water	30	3/31/15	1143
			BA7C-WO55-0315-1	Ocean water	55	3/31/15	1156
			BA7C-WO58-0315-1	Ocean water	58	3/31/15	1227
BA7DC	33° 42.570' N	118° 20.730' W	BA7DC-WO5-0915-1	Ocean water	5	9/22/15	1703
			BA7DC-WO20-0915-1	Ocean water	20	9/22/15	1655
			BA7DC-WO35-0915-1	Ocean water	35	9/22/15	1647
			BA7DC-WO38-0915-1	Replicate	39	9/22/15	1613
			BA7DC-WO38-0915-2	Ocean water	39	9/22/15	1626
			BA7DC-WO38-0915-3	Triplicate	39	9/22/15	1636
BA8B	33° 41.533' N	118° 20.238' W	BA8B-WO5-0915-1	Ocean water	5	9/24/15	0911
			BA8B-WO75-0915-1	Ocean water	75	9/24/15	0902
			BA8B-WO145-0915-1	Ocean water	142	9/24/15	0849
BA8BC	33° 41.635' N	118° 20.220' W	BA8BC-WO5-0915-1	Ocean water	5	9/24/15	0953
			BA8BC-WO50-0915-1	Ocean water	50	9/24/15	0920
			BA8BC-WO95-0915-1	Ocean water	92	9/24/15	0929
BA8C	33° 41.910' N	118° 20.140' W	BA8C-WO5-0915-1	Ocean water	5	9/24/15	10:01
			BA8C-WO30-0315-1	Ocean water	30	3/31/15	1246
			BA8C-WO55-0315-1	Ocean water	55	3/31/15	1258
			BA8C-WO58-0315-1	Replicate	58	3/31/15	1307
			BA8C-WO58-0315-2	Ocean water	58	3/31/15	1316
			BA8C-WO58-0315-3	Triplicate	58	3/31/15	1323
BA8DC	33° 42.220' N	118° 19.910' W	BA8DC-WO5-0915-1	Ocean water	5	9/24/15	1209
			BA8DC-WO20-0915-1	Ocean water	20	9/24/15	1204
			BA8DC-WO35-0915-1	Ocean water	35	9/24/15	1157
			BA8DC-WO38-0915-1	Ocean water	38	9/24/15	1149
BA9B	33° 40.892' N	118° 19.312' W	BA9B-WO5-0915-1	Ocean water	5	9/24/15	0831
			BA9B-WO75-0915-1	Ocean water	75	9/24/15	0824
			BA9B-WO145-0915-1	Ocean water	146	9/24/15	0810
BA9BC	33° 41.010' N	118° 19.247' W	BA9BC-WO5-0915-1	Ocean water	5	9/24/15	1229
			BA9BC-WO50-0915-1	Ocean water	50	9/24/15	1247
			BA9BC-WO95-0915-1	Ocean water	90	9/24/15	1237

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BA9C	33° 41.320' N	118° 19.100' W	BA9C-WO5-0915-1	Ocean water	5	9/24/15	1257
			BA9C-WO30-0915-1	Ocean water	30	9/24/15	1318
			BA9C-WO55-0915-1	Ocean water	56	9/24/15	1325
			BA9C-WO58-0915-1	Ocean water	58	9/24/15	1304
BA9DC	33° 41.770' N	118° 18.880' W	BA9DC-WO5-0315-1	Ocean water	5	3/31/15	0837
			BA9DC-WO20-0315-1	Ocean water	20	3/31/15	0858
			BA9DC-WO35-0315-1	Ocean water	35	3/31/15	0916
			BA9DC-WO38-0315-1	Replicate	38	3/31/15	0926
			BA9DC-WO38-0315-2	Ocean water	38	3/31/15	0934
			BA9DC-WO38-0315-3	Triplicate	38	3/31/15	0943
BA10B	33° 39.728' N	118° 17.902' W	BA10B-WO5-0915-1	Ocean water	5	9/25/15	0802
			BA10B-WO75-0915-1	Ocean water	75	9/25/15	0838
			BA10B-WO145-0915-1	Ocean Water	141	9/25/15	08:23
BA10C	33° 40.108' N	118° 17.813' W	BA10C-WO5-0915-1	Ocean water	5	9/25/15	0736
			BA10C-WO30-0915-1	Ocean water	30	9/25/15	0750
			BA10C-WO55-0915-1	Ocean water	56	9/25/15	0742
BA10D C	33° 41.147' N	118° 17.435' W	BA10DC-WO5-0915-1	Ocean water	5	9/15/15	1535
			BA10DC-WO20-0915-1	Ocean water	20	9/15/15	1603
			BA10DC-WO35-0915-1	Ocean water	35	9/15/15	1615
T11	33° 36.055' N	118° 05.199' W	T11-WO5-0915-1	Ocean water	5	9/25/15	1030
			T11-WO30-0915-1	Ocean water	30	9/25/15	1050
			T11-WO55-0915-1	Ocean water	55	9/25/15	1043
			T11-WO58-0915-1	Ocean water	58	9/25/15	1036
W1	33° 46.422' N	118° 27.269' W	W1-WO5-0915-1	Ocean water	5	9/16/15	0842
			W1-WO30-0915-1	Ocean water	30	9/16/15	0854
			W1-WO55-0915-1	Ocean water	57	9/16/15	0910
			W1-WO58-0915-1	Ocean water	60	9/16/15	0934
W2	33° 45.771' N	118° 27.668' W	W2-WO5-0915-1	Ocean water	5	9/23/15	1048
			W2-WO100-0915-1	Ocean water	100	9/23/15	0939
			W2-WO195-0915-1	Ocean water	192	9/23/15	1036
			W2-WO198-0915-1	Ocean water	202	9/23/15	0956
W3	33° 42.759' N	118° 23.078' W	W3-WO5-0915-1	Ocean water	5	9/17/15	1646
			W3-WO100-0915-1	Ocean water	100	9/17/15	1705
			W3-WO195-0915-1	Ocean water	187	9/22/15	0949
			W3-WO198-0915-1	Ocean water	200	9/17/15	1601

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W4	33° 41.559' N	118° 20.414' W	W4-WO5-0315-1	Ocean water	5	3/31/15	1014
			W4-WO100-0315-1	Ocean water	100	3/31/15	1029
			W4-WO195-0315-1	Ocean water	195	3/31/15	1048
			W4-WO198-0315-1	Ocean water	198	3/31/15	1113
W5	33° 40.085' N	118° 17.673' W	W5-WO5-0915-1	Ocean water	5	9/24/15	1350
			W5-WO30-0915-1	Ocean water	30	9/24/15	1418
			W5-WO55-0915-1	Ocean water	55	9/24/15	1411
			W5-WO58-0915-1	Ocean water	53	9/24/15	1356
			W5-WO58-0915-2	Replicate	53	9/24/15	1403
WE	NA	NA	WQ-ER1-0315-1	Equipment rinsate	NA	3/31/15	1335
			WQ-ER2-0915-1	Equipment rinsate	NA	9/22/15	1850
			WQ-ER3-0915-1	Equipment rinsate	NA	9/25/15	0905

Abbreviations

m = meters
 NA = not applicable
 WE = quality control equipment rinsate sample

Notes

1. Latitudes and longitudes are based on the Sanitation Districts' "benthic" sediment transects and grid nodes.
2. The sample type denotes replicate and triplicate samples collected from approximately the same water depth during sequential drops.
3. Actual sample depth below the ocean surface based on the nominal depths to the ocean floor at each planned mooring and the 3-depth or 4-depth sampling scheme employed. The field-measured depth is listed.