ATTACHMENT J.4.

MARINA DEL REY TOXICS TMDL AMBIENT MONITORING RESULTS

MARINA DEL REY HARBOR
TOXIC POLLUTANTS TOTAL MAXIMUM DAILY LOAD
COORDINATED MONITORING PLAN

AMBIENT MONITORING RESULTS
August 2012 to July 2013

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Monthly Summary Reports, Harbor Water Quality Data

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012 - 2013

MONTHLY SUMMARY REPORT: August 2012
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
8/29/2012	MdRH-B-1 Back Harbor Basin D Saltwater	**5,400**	Copper Lead Zinc	µg/L µg/L µg/L	0.00883 0.0124 0.0708	0.0300 0.0300 0.500	0.50 0.50 1.00	**10.0** **0.367** **42.9**	**1.60** ND **4.37**
8/29/2012	MdRH-B-2 Back Harbor Basin E Saltwater	**5,700**	Copper Lead Zinc	µg/L µg/L µg/L	0.00883 0.0124 0.0708	0.0300 0.0300 0.500	0.50 0.50 1.00	**8.52** **0.490** **34.4**	**4.54** **0.0597** **23.8**
8/29/2012	MdRH-B-3 Back Harbor Basin F Saltwater	**5,900**	Copper Lead Zinc	µg/L µg/L µg/L	0.00883 0.0124 0.0708	0.0300 0.0300 0.500	0.50 0.50 1.00	**7.09** **0.400** **29.4**	**1.27** ND **3.17**
8/29/2012	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**5,800**	Copper Lead Zinc	µg/L µg/L µg/L	0.00883 0.0124 0.0708	0.0300 0.0300 0.500	0.50 0.50 1.00	**7.60** **0.391** **32.1**	**2.01** **0.0184 J** **6.49**
8/29/2012	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00883	0.0300	0.50	**4.33**	**1.63**
8/29/2012	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00883	0.0300	0.50	**4.65**	**1.96**
8/29/2012	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00883	0.0300	0.50	**9.30**	**6.90**
8/29/2012	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00883	0.0300	0.50	**6.05**	**4.09**
8/29/2012	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00883	0.0300	0.50	**6.16**	**3.84**

Notes:
Detections are indicated in **bold**
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NA - Not analyzed
ND - Analyte not detected at or above the Method Detection Limit
Reporting Limit - Lowest concentration for which quantitative data are reported
J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate
Hardness reporting limit is 20 mg/L

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012 - 2013

MONTHLY SUMMARY REPORT: Septmber 2012
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
9/26/2012	MdRH-B-1 Back Harbor Basin D Saltwater	**5,200**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**12.7** **0.253** **45.6**	**9.12** **0.0627** **39.1**
9/26/2012	MdRH-B-2 Back Harbor Basin E Saltwater	**5,100**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**10.3** **0.259** **42.9**	**7.15** **0.0474** **35.1**
9/26/2012	MdRH-B-3 Back Harbor Basin F Saltwater	**5,000**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**10.2** **0.403** **36.4**	**6.03** **0.0598** **28.4**
9/26/2012	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**5,100**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**12.5** **0.300** **44.5**	**8.61** **0.0673** **36.0**
9/26/2012	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.60**	**6.43**
9/26/2012	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**11.9**	**9.01**
9/26/2012	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**13.3**	**9.62**
9/26/2012	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**8.24**	**4.24**
9/26/2012	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**7.43**	**4.93**

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NA - Not analyzed
Reporting Limit - Lowest concentration for which quantitative data are reportec
J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate
Hardness reporting limit is 20 mg/L

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012 - 2013

MONTHLY SUMMARY REPORT: October 2012
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
10/17/2012	MdRH-B-1 Back Harbor Basin D Saltwater	**4,000**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**8.03** **0.520** **34.4**	**6.11** **0.0990** **35.7**
10/17/2012	MdRH-B-2 Back Harbor Basin E Saltwater	**4,500**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**8.88** **0.114** **49.1**	**3.79** **0.176** **21.4**
10/17/2012	MdRH-B-3 Back Harbor Basin F Saltwater	**4,800**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**7.62** **0.626** **33.4**	**4.92** **0.110** **28.5**
10/17/2012	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**5,000**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**7.68** **0.560** **35.1**	**5.40** **0.118** **36.6**
10/17/2012	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**6.91**	**5.18**
10/17/2012	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**11.2**	**8.49**
10/17/2012	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**8.93**	**7.88**
10/17/2012	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**4.92**	**3.06**
10/17/2012	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**4.89**	**3.78**

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012 - 2013

MONTHLY SUMMARY REPORT: November 2012
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
11/15/2012	MdRH-B-1 Back Harbor Basin D Saltwater	**4,900**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**12.0** **0.492** **53.6**	**7.54** **0.100** **44.0**
11/15/2012	MdRH-B-2 Back Harbor Basin E Saltwater	**5,300**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**14.4** **0.477** **69.5**	**9.98** **0.137** **62.5**
11/15/2012	MdRH-B-3 Back Harbor Basin F Saltwater	**4,900**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**9.03** **0.396** **44.7**	**6.67** **0.101** **45.0**
11/15/2012	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**4,700**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**8.80** **0.450** **42.9**	**6.63** **0.116** **43.8**
11/15/2012	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**11.3**	**6.37**
11/15/2012	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**12.3**	**7.91**
11/15/2012	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**13.9**	**9.77**
11/15/2012	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.70**	**5.97**
11/15/2012	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**10.1**	**6.83**

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- mg/L - milligram per liter
- µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012 - 2013

MONTHLY SUMMARY REPORT: December 2012
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
12/19/2012	MdRH-B-1 Back Harbor Basin D Saltwater	**5,000**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**9.45** **0.277** **39.7**	**7.96** **0.102** **39.2**
12/19/2012	MdRH-B-2 Back Harbor Basin E Saltwater	**5,100**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**7.02** **0.356** **33.1**	**5.68** **0.106** **32.9**
12/19/2012	MdRH-B-3 Back Harbor Basin F Saltwater	**5,200**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**7.05** **0.378** **35.9**	**4.70** **0.123** **37.5**
12/19/2012	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**5,200**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**7.72** **0.352** **33.6**	**6.35** **0.124** **32.5**
12/19/2012	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**7.40**	**6.26**
12/19/2012	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**7.36**	**6.39**
12/19/2012	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.31**	**7.91**
12/19/2012	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**5.98**	**5.06**
12/19/2012	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**4.67**	**4.04**

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012 - 2013

MONTHLY SUMMARY REPORT: January 2013
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
1/9/2013	MdRH-B-1 Back Harbor Basin D Saltwater	**4,300**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**23.1** **0.245** **109**	**14.9** **0.109** **74.3**
1/9/2013	MdRH-B-2 Back Harbor Basin E Saltwater	**5,600**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**16.2** **0.215** **80.8**	**1.84** **0.140** **108**
1/9/2013	MdRH-B-3 Back Harbor Basin F Saltwater	**5,700**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**6.57** **0.137** **32.4**	**4.52** **0.0793** **36.9**
1/9/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**4,900**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**15.1** **0.252** **77.2**	**6.34** **0.0706** **35.4**
1/9/2013	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**8.24**	**5.28**
1/9/2013	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**17.5**	**13.1**
1/9/2013	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**17.2**	**10.5**
1/9/2013	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**6.11**	**3.97**
1/9/2013	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**5.18**	**2.77**

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- mg/L - milligram per liter
- µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012 - 2013

MONTHLY SUMMARY REPORT: February 2013
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
2/14/2013	MdRH-B-1 Back Harbor Basin D Saltwater	**5,100**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**11.0** **0.912** **57.0**	**7.86** **0.228** **53.9**
2/14/2013	MdRH-B-2 Back Harbor Basin E Saltwater	**4,800**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**11.0** **0.419** **62.0**	**7.77** **0.137** **55.3**
2/14/2013	MdRH-B-3 Back Harbor Basin F Saltwater	**5,300**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**8.47** **0.645** **41.6**	**5.66** **0.142** **36.9**
2/14/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**5,100**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**8.38** **1.08** **42.8**	**4.48** **0.167** **42.2**
2/14/2013	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**10.7**	**6.65**
2/14/2013	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.41**	**6.25**
2/14/2013	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**10.9**	**7.35**
2/14/2013	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**7.60**	**4.82**
2/14/2013	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.16**	**6.08**

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012 - 2013

MONTHLY SUMMARY REPORT: March 2013
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
3/6/2013	MdRH-B-1 Back Harbor Basin D Saltwater	**5,100**	Copper Lead Zinc	µg/L µg/L µg/L	0.0449 0.0135 0.368	0.150 0.0300 2.50	0.50 0.50 1.00	**16.0** **1.05** **64.6**	**9.55** **0.176** **56.2**
3/6/2013	MdRH-B-2 Back Harbor Basin E Saltwater	**5,400**	Copper Lead Zinc	µg/L µg/L µg/L	0.0449 0.0135 0.368	0.150 0.0300 2.50	0.50 0.50 1.00	**13.2** **0.460** **74.8**	**8.44** **0.152** **70.5**
3/6/2013	MdRH-B-3 Back Harbor Basin F Saltwater	**5,000**	Copper Lead Zinc	µg/L µg/L µg/L	0.0449 0.0135 0.368	0.150 0.0300 2.50	0.50 0.50 1.00	**12.7** **0.989** **52.3**	**7.61** **0.169** **51.3**
3/6/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**5,200**	Copper Lead Zinc	µg/L µg/L µg/L	0.0449 0.0135 0.368	0.150 0.0300 2.50	0.50 0.50 1.00	**14** **0.914** **56.7**	**8.24** **0.165** **51.3**
3/6/2013	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.0449	0.150	0.50	**11.9**	**7.12**
3/6/2013	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.0449	0.150	0.50	**12.9**	**8.59**
3/6/2013	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.0449	0.150	0.50	**16.3**	**11.0**
3/6/2013	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.0449	0.150	0.50	**9.03**	**5.93**
3/6/2013	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.0449	0.150	0.50	**8.76**	**5.37**

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
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2012 - 2013

MONTHLY SUMMARY REPORT: April 2013
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
4/4/2013	MdRH-B-1 Back Harbor Basin D Saltwater	**5,300**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**8.26** **0.459** **36.3**	**7.03** **0.0944** **34.4**
4/4/2013	MdRH-B-2 Back Harbor Basin E Saltwater	**4,700**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**6.95** **0.532** **28.1**	**5.07** **0.0959** **27.4**
4/4/2013	MdRH-B-3 Back Harbor Basin F Saltwater	**4,200**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**4.86** **0.602** **21.8**	**3.66** **0.0951** **20.7**
4/4/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**5,200**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**6.34** **0.532** **24.3**	**5.04** **0.11** **23.3**
4/4/2013	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**7.04**	**4.72**
4/4/2013	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**6.71**	**5.87**
4/4/2013	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**8.42**	**6.91**
4/4/2013	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**6.07**	**4.60**
4/4/2013	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**4.36**	**2.31**

Notes:
Detections are indicated in **bold**
Hardness reporting limit is 20 mg/L
MDL - Method Detection Limit
ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000
NA - Not analyzed
Reporting Limit - Lowest concentration for which quantitative data are reportec
mg/L - milligram per liter
µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012 - 2013

MONTHLY SUMMARY REPORT: May 2013
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
5/14/2013	MdRH-B-1 Back Harbor Basin D Saltwater	**4,900**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**11.2** **0.521** **40.0**	**8.46** **0.105** **31.8**
5/14/2013	MdRH-B-2 Back Harbor Basin E Saltwater	**5,100**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**15.2** **0.330** **45.6**	**8.63** **0.0562** **33.8**
5/14/2013	MdRH-B-3 Back Harbor Basin F Saltwater	**4,700**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**9.30** **0.397** **28.9**	**7.04** **0.108** **27.8**
5/14/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**4,700**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**11.4** **0.687** **33.2**	**6.49** **0.101** **28.0**
5/14/2013	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**10.6**	**6.48**
5/14/2013	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**10.4**	**7.28**
5/14/2013	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**13.5**	**9.49**
5/14/2013	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**6.57**	**5.13**
5/14/2013	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**6.25**	**4.23**

Notes:
Detections are indicated in **bold**
Hardness reporting limit is 2.0 mg/L
MDL - Method Detection Limit
ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000
NA - Not analyzed
Reporting Limit - Lowest concentration for which quantitative data are reportec
mg/L - milligram per liter
µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012 - 2013

MONTHLY SUMMARY REPORT: June 2013
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
6/5/2013	MdRH-B-1 Back Harbor Basin D Saltwater	**5,700**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**12.1** **0.949** **35.3**	**8.16** **0.190** **30.0**
6/5/2013	MdRH-B-2 Back Harbor Basin E Saltwater	**5,200**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**13.1** **1.02** **39.2**	**7.71** **0.200** **33.6**
6/5/2013	MdRH-B-3 Back Harbor Basin F Saltwater	**5,200**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**11.1** **0.666** **29.6**	**7.57** **0.159** **25.4**
6/5/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**5,100**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**11.1** **0.868** **30.7**	**6.73** **0.165** **25.6**
6/5/2013	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.08**	**6.90**
6/5/2013	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**10.7**	**7.60**
6/5/2013	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**11.3**	**8.30**
6/5/2013	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.42**	**4.74**
6/5/2013	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.51**	**4.60**

Notes:
Detections are indicated in **bold**
Hardness reporting limit is 20 mg/L
MDL - Method Detection Limit
ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000
NA - Not analyzed
Reporting Limit - Lowest concentration for which quantitative data are reportec
mg/L - milligram per liter
µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012 - 2013

MONTHLY SUMMARY REPORT: July 2013
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
7/1/2013	MdRH-B-1 Back Harbor Basin D Saltwater	**4,500**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**8.80** **0.853** **34.8**	**5.99** **0.132** **29.7**
7/1/2013	MdRH-B-2 Back Harbor Basin F Saltwater	**4,600**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**8.79** **0.800** **39.7**	**6.04** **0.178** **35.7**
7/1/2013	MdRH-B-3 Back Harbor Basin - End of Channel Saltwater	**4,300**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**7.53** **1.00** **26.4**	**4.79** **0.200** **29.6**
7/1/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**4,500**	Copper Lead Zinc	µg/L µg/L µg/L	0.00898 0.0135 0.0736	0.0300 0.0300 0.500	0.50 0.50 1.00	**7.81** **0.838** **28.3**	**5.59** **0.222** **26.0**
7/1/2013	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**7.66**	**4.96**
7/1/2013	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**7.89**	**5.35**
7/1/2013	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**8.79**	**6.92**
7/1/2013	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**6.06**	**3.41**
7/1/2013	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**6.17**	**3.21**

Notes:

Detections are indicated in **bold**

Hardness reporting limit is 20 mg/L for MdRH-B-1 and 10 mg/L for MdRH-B-1-Duplicate, MdRH-B-2, MdRH-B-3, MdRH-B-4

MDL - Method Detection Limit

ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000

NA - Not analyzed

Reporting Limit - Lowest concentration for which quantitative data are reportec

mg/L - milligram per liter

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: August 2012
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
8/29/2012	MdRH-B-1	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
8/29/2012	MdRH-B-2	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
8/29/2012	MdRH-B-3	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
8/29/2012	MdRH-B-4	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND

Notes:

Detections are indicated in **bold**

ND - Analyte not detected at or above the Method Detection Limit

MDL - Method Detection Limit

NL - Numeric Target not listed in TMDL

TMDL Limit - Target limit specified by the MDR Harbor Toxics TMDL

ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000

Reporting Limit - Lowest concentration for which quantitative data are reported

[1] Minimum level of 0.5 µg/L for PCBs is for Total PCBs

[2] TMDL limit of 0.03 ug/L for PCBs is the Interim Target for Total PCBs

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: September 2012
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
9/26/2012	MdRH-B-1	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
9/26/2012	MdRH-B-2	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
9/26/2012	MdRH-B-3	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
9/26/2012	MdRH-B-4	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND

Notes:

Detections are indicated in **bold**

ND - Analyte not detected at or above the Method Detection Limit

MDL - Method Detection Limit

NL - Numeric Target not listed in TMDL

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ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000

Reporting Limit - Lowest concentration for which quantitative data are reported

[1] Minimum level of 0.5 µg/L for PCBs is for Total PCBs

[2] TMDL limit of 0.03 ug/L for PCBs is the Interim Target for Total PCBs

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: October 2012
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
10/17/2012	MdRH-B-1	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
10/17/2012	MdRH-B-2	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
10/17/2012	MdRH-B-3	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
10/17/2012	MdRH-B-4	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND

Notes:

Detections are indicated in **bold**

ND - Analyte not detected at or above the Method Detection Limit

MDL - Method Detection Limit

NL - Numeric Target not listed in TMDL

TMDL Limit - Target limit specified by the MDR Harbor Toxics TMDL

ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000

Reporting Limit - Lowest concentration for which quantitative data are reported

[1] Minimum level of 0.5 µg/L for PCBs is for Total PCBs

[2] TMDL limit of 0.03 ug/L for PCBs is the Interim Target for Total PCBs

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: November 2012
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
11/15/2012	MdRH-B-1	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
11/15/2012	MdRH-B-2	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
11/15/2012	MdRH-B-3	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
11/15/2012	MdRH-B-4	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND

Notes:
Detections are indicated in **bold**
MDL - Method Detection Limit
ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000
ND - Analyte not detected at or above the Method Detection Limit
NL - Numeric Target not listed in TMDL
Reporting Limit - Lowest concentration for which quantitative data are reported
TMDL Limit - Numeric target specified by the MDR Harbor Toxics TMDL
[1] Minimum level of 0.5 µg/L for PCBs is for Total PCBs
[2] TMDL limit of 0.03 ug/L for PCBs is the Interim Target for Total PCBs
µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: December 2012
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
12/19/2012	MdRH-B-1	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
12/19/2012	MdRH-B-2	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
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		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
12/19/2012	MdRH-B-3	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
12/19/2012	MdRH-B-4	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND

Notes:

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MDL - Method Detection Limit

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[2] TMDL limit of 0.03 ug/L for PCBs is the Interim Target for Total PCBs

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: January 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
1/9/2013	MdRH-B-1	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
1/9/2013	MdRH-B-2	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
1/9/2013	MdRH-B-3	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
1/9/2013	MdRH-B-4	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000

ND - Analyte not detected at or above the Method Detection Limit

NL - Numeric Target not listed in TMDL

Reporting Limit - Lowest concentration for which quantitative data are reported

TMDL Limit - Numeric target specified by the MDR Harbor Toxics TMDL

[1] Minimum level of 0.5 µg/L for PCBs is for Total PCBs

[2] TMDL limit of 0.03 ug/L for PCBs is the Interim Target for Total PCBs

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: February 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
2/14/2013	MdRH-B-1	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
2/14/2013	MdRH-B-2	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
2/14/2013	MdRH-B-3	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
2/14/2013	MdRH-B-4	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

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[1] Minimum level of 0.5 µg/L for PCBs is for Total PCBs

[2] TMDL limit of 0.03 ug/L for PCBs is the Interim Target for Total PCBs

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: March 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
3/6/2013	MdRH-B-1	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
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		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
3/6/2013	MdRH-B-2	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
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		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
3/6/2013	MdRH-B-3	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
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		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
3/6/2013	MdRH-B-4	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
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		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND

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NL - Numeric Target not listed in TMDL

Reporting Limit - Lowest concentration for which quantitative data are reported

TMDL Limit - Numeric target specified by the MDR Harbor Toxics TMDL

[1] Minimum level of 0.5 µg/L for PCBs is for Total PCBs

[2] TMDL limit of 0.03 ug/L for PCBs is the Interim Target for Total PCBs

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: April 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
4/4/2013	MdRH-B-1	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
4/4/2013	MdRH-B-2	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
4/4/2013	MdRH-B-3	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
4/4/2013	MdRH-B-4	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

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NL - Numeric Target not listed in TMDL

Reporting Limit - Lowest concentration for which quantitative data are reported

TMDL Limit - Numeric target specified by the MDR Harbor Toxics TMDL

[1] Minimum level of 0.5 µg/L for PCBs is for Total PCBs

[2] TMDL limit of 0.03 ug/L for PCBs is the Interim Target for Total PCBs

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: May 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
5/14/2013	MdRH-B-1	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
5/14/2013	MdRH-B-2	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
5/14/2013	MdRH-B-3	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
5/14/2013	MdRH-B-4	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
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		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND

Notes:

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[2] TMDL limit of 0.03 ug/L for PCBs is the Interim Target for Total PCBs

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: June 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
6/5/2013	MdRH-B-1	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
6/5/2013	MdRH-B-2	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
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		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
6/5/2013	MdRH-B-3	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
6/5/2013	MdRH-B-4	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND

Notes:

Detections are indicated in **bold**

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[2] TMDL limit of 0.03 ug/L for PCBs is the Interim Target for Total PCBs

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: July 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
7/1/2013	MdRH-B-1	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
7/1/2013	MdRH-B-2	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
7/1/2013	MdRH-B-3	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND
7/1/2013	MdRH-B-4	Chlordane	µg/L	0.013	0.10	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.10	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.10	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.10	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.10	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.10	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.10	0.50	0.03	ND
		Aroclor 1260	µg/L	0.014	0.10	0.50	0.03	ND
		Aroclor 1262	µg/L	0.016	0.10	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.10	0.50	0.03	ND

Notes:
- Detections are indicated in **bold**
- MDL - Method Detection Limit
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- ND - Analyte not detected at or above the Method Detection Limit
- NL - Numeric Target not listed in TMDL
- Reporting Limit - Lowest concentration for which quantitative data are reported
- TMDL Limit - Numeric target specified by the MDR Harbor Toxics TMDL
- [1] Minimum level of 0.5 µg/L for PCBs is for Total PCBs
- [2] TMDL limit of 0.03 ug/L for PCBs is the Interim Target for Total PCBs
- µg/L - microgram per liter

Storm Water Quality Data

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: December 2012 WET WEATHER - EVENT 1								
Sample Date	**Station Information**	**Hardness (mg/L)**	**Metal**	**Units**	**MDL**	**Reporting Limit**	**Total Recoverable Concentration**	**Dissolved Concentration**
12/3/2012	MdR-3 Washington Boulevard and Thatcher Avenue	**37**	Copper	µg/L	2.67	10.0	**63.3**	**21.7**
			Lead	µg/L	4.06	10.0	**19.0**	ND
			Zinc	µg/L	3.52	10.0	**421**	**163**
12/3/2012	MdR-4 Oxford Flood Control Basin	**69**	Copper	µg/L	2.67	10.0	**34.9**	**22.5**
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	**435**	**372**
12/3/2012	MdR-5 Boone-Olive Pump Station	**440**	Copper	µg/L	2.67	10.0	**34.9**	**16.7**
			Lead	µg/L	4.06	10.0	**5.16 J**	ND
			Zinc	µg/L	3.52	10.0	**269**	**58.7**
12/3/2012	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	**42**	Copper	µg/L	2.67	10.0	**64.3**	**20.5**
			Lead	µg/L	4.06	10.0	**22.1**	ND
			Zinc	µg/L	3.52	10.0	**270**	**73.1**
12/3/2012	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	**36**	Copper	µg/L	2.67	10.0	**67.4**	**53.6**
			Lead	µg/L	4.06	10.0	**12.0**	ND
			Zinc	µg/L	3.52	10.0	**196**	**116**

Notes:

Detections are indicated in **bold**
Hardness reporting limit is 2.0 mg/L
MDL - Method Detection Limit
ND - Analyte not detected at or above the method detection limit
Reporting Limit - Lowest concentration for which quantitative data are reported
J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate
mg/L - milligram per liter
µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: December 2012 WET WEATHER - EVENT 2								
Sample Date	**Station Information**	**Hardness (mg/L)**	**Metal**	**Units**	**MDL**	**Reporting Limit**	**Total Recoverable Concentration**	**Dissolved Concentration**
12/26/2012	MdR-3 Washington Boulevard and Thatcher Avenue	**13**	Copper	µg/L	2.67	10.0	**18.8**	**5.89 J**
			Lead	µg/L	4.06	10.0	**7.22 J**	ND
			Zinc	µg/L	3.52	10.0	**162**	**102**
12/26/2012	MdR-4 Oxford Flood Control Basin	**470**	Copper	µg/L	2.67	10.0	**21.1**	**9.42 J**
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	**212**	**157**
12/26/2012	MdR-5 Boone-Olive Pump Station	**300**	Copper	µg/L	2.67	10.0	**18.4**	**7.38 J**
			Lead	µg/L	4.06	10.0	**6.48 J**	**4.39 J**
			Zinc	µg/L	3.52	10.0	**68.3**	**31.1**
12/26/2012	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	**110**	Copper	µg/L	2.67	10.0	**22.0**	**10.2**
			Lead	µg/L	4.06	10.0	**4.22 J**	ND
			Zinc	µg/L	3.52	10.0	**148**	**86.3**
12/26/2012	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	**150**	Copper	µg/L	2.67	10.0	**21.0**	**10.7**
			Lead	µg/L	4.06	10.0	**5.12 J**	ND
			Zinc	µg/L	3.52	10.0	**82.2**	**47.8**

Notes:

Detections are indicated in **bold**
Hardness reporting limit is 2.0 mg/L
MDL - Method Detection Limit
ND - Analyte not detected at or above the method detection limit
Reporting Limit - Lowest concentration for which quantitative data are reported
J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate
mg/L - milligram per liter
µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: December 2012 WET WEATHER - EVENT 3								
Sample Date	**Station Information**	**Hardness (mg/L)**	**Metal**	**Units**	**MDL**	**Reporting Limit**	**Total Recoverable Concentration**	**Dissolved Concentration**
12/31/2012	MdR-3 Washington Boulevard and Thatcher Avenue	**16**	Copper	µg/L	2.67	10.0	**28.4**	**12.5**
			Lead	µg/L	4.06	10.0	**15.7**	ND
			Zinc	µg/L	3.52	10.0	**196**	**94.3**
12/31/2012	MdR-4 Oxford Flood Control Basin	**240**	Copper	µg/L	2.67	10.0	**15.6**	**11.1**
			Lead	µg/L	4.06	10.0	ND	**4.63 J**
			Zinc	µg/L	3.52	10.0	**146**	**111**
12/31/2012	MdR-5 Boone-Olive Pump Station	**960**	Copper	µg/L	2.67	10.0	**14.9**	**13.7**
			Lead	µg/L	4.06	10.0	ND	**5.86 J**
			Zinc	µg/L	3.52	10.0	**37.6**	**31.8**
12/31/2012	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	**26**	Copper	µg/L	2.67	10.0	**64.5**	**19.7**
			Lead	µg/L	4.06	10.0	**28.2**	ND
			Zinc	µg/L	3.52	10.0	**345**	**89.6**
12/31/2012	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	**8.0**	Copper	µg/L	2.67	10.0	**17.2**	**12.6**
			Lead	µg/L	4.06	10.0	**4.97 J**	ND
			Zinc	µg/L	3.52	10.0	**68.9**	**50.5**

Notes:

Detections are indicated in **bold**
Hardness reporting limit is 2.0 mg/L
MDL - Method Detection Limit
ND - Analyte not detected at or above the method detection limit
Reporting Limit - Lowest concentration for which quantitative data are reported
J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate
mg/L - milligram per liter
µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: January 2013 WET WEATHER - EVENT 4								
Sample Date	**Station Information**	**Hardness (mg/L)**	**Metal**	**Units**	**MDL**	**Reporting Limit**	**Total Recoverable Concentration**	**Dissolved Concentration**
1/28/2013	MdR-3 Washington Boulevard and Thatcher Avenue	**33**	Copper	µg/L	2.67	10.0	**32.5**	**16.6**
			Lead	µg/L	4.06	10.0	**8.08 J**	ND
			Zinc	µg/L	3.52	10.0	**208**	**129**
1/28/2013	MdR-4 Oxford Flood Control Basin	**53**	Copper	µg/L	2.67	10.0	**21.7**	**9.09 J**
			Lead	µg/L	4.06	10.0	**5.07 J**	ND
			Zinc	µg/L	3.52	10.0	**210**	**174**
1/28/2013	MdR-5 Boone-Olive Pump Station	**320**	Copper	µg/L	2.67	10.0	**24.1**	**19.9**
			Lead	µg/L	4.06	10.0	**5.43 J**	ND
			Zinc	µg/L	3.52	10.0	**98.7**	**84.7**
1/28/2013	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	**110**	Copper	µg/L	2.67	10.0	**53.7**	**19.3**
			Lead	µg/L	4.06	10.0	**16.9**	ND
			Zinc	µg/L	3.52	10.0	**183**	**78.9**
1/28/2013	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	**50**	Copper	µg/L	2.67	10.0	**41.7**	**17.0**
			Lead	µg/L	4.06	10.0	**15.5**	ND
			Zinc	µg/L	3.52	10.0	**245**	**104**

Notes:

Detections are indicated in **bold**
Hardness reporting limit is 2.0 mg/L
MDL - Method Detection Limit
ND - Analyte not detected at or above the method detection limit
Reporting Limit - Lowest concentration for which quantitative data are reported
J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate
mg/L - milligram per liter
µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: February 2013
WET WEATHER - EVENT 5

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	Total Recoverable Concentration	Dissolved Concentration
2/21/2013	MdR-3 Washington Boulevard and Thatcher Avenue	**630**	Copper	µg/L	2.67	10.0	**63.9**	**26.7**
			Lead	µg/L	4.06	10.0	**12.6**	ND
			Zinc	µg/L	3.52	10.0	**331**	**194**
2/21/2013	MdR-4 Oxford Flood Control Basin	**270**	Copper	µg/L	2.67	10.0	**40.2**	**8.43 J**
			Lead	µg/L	4.06	10.0	**9.62 J**	ND
			Zinc	µg/L	3.52	10.0	**449**	**267**
2/21/2013	MdR-5 Boone-Olive Pump Station	**820**	Copper	µg/L	2.67	10.0	**28.2**	**21.9**
			Lead	µg/L	4.06	10.0	**5.45 J**	ND
			Zinc	µg/L	3.52	10.0	**117**	**137**
2/21/2013	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	**380**	Copper	µg/L	2.67	10.0	**33.2**	**20.3**
			Lead	µg/L	4.06	10.0	**12.2**	ND
			Zinc	µg/L	3.52	10.0	**135**	**92.6**
2/21/2013	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	**680**	Copper	µg/L	2.67	10.0	**60.4**	**25.3**
			Lead	µg/L	4.06	10.0	**17.8**	ND
			Zinc	µg/L	3.52	10.0	**303**	**132**

Notes:
- Detections are indicated in **bold**
- Hardness reporting limit is 2.0 mg/L
- MDL - Method Detection Limit
- ND - Analyte not detected at or above the method detection limit
- Reporting Limit - Lowest concentration for which quantitative data are reported
- J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate
- mg/L - milligram per liter
- µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: March 2013 WET WEATHER - EVENT 6								
Sample Date	**Station Information**	**Hardness (mg/L)**	**Metal**	**Units**	**MDL**	**Reporting Limit**	**Total Recoverable Concentration**	**Dissolved Concentration**
3/8/2013	MdR-3 Washington Boulevard and Thatcher Avenue	**26**	Copper Lead Zinc	µg/L µg/L µg/L	2.67 4.06 3.52	10.0 10.0 10.0	**48.5** **22.7** **434**	**22.7** **4.90 J** **370**
3/8/2013	MdR-4 Oxford Flood Control Basin	**180**	Copper Lead Zinc	µg/L µg/L µg/L	2.67 4.06 3.52	10.0 10.0 10.0	**34.5** **7.50 J** **231**	**13.5** ND **134**
3/8/2013	MdR-5 Boone-Olive Pump Station	**150**	Copper Lead Zinc	µg/L µg/L µg/L	2.67 4.06 3.52	10.0 10.0 10.0	**52.9** **22.3** **266**	**10.4** ND **64.4**
3/8/2013	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	**230**	Copper Lead Zinc	µg/L µg/L µg/L	2.67 4.06 3.52	10.0 10.0 10.0	**61.6** **19.2** **229**	**50.5** **11.0** **196**
3/8/2013	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	**19**	Copper Lead Zinc	µg/L µg/L µg/L	2.67 4.06 3.52	10.0 10.0 10.0	**37.8** **24.9** **234**	**24.3** **11.1** **214**

Notes:

Detections are indicated in **bold**
Hardness reporting limit is 2.0 mg/L
MDL - Method Detection Limit
ND - Analyte not detected at or above the method detection limit
Reporting Limit - Lowest concentration for which quantitative data are reported
J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate
mg/L - milligram per liter
µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: December 2012
WET WEATHER - EVENT 1

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML [1]	Concentration
12/3/2012	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
12/3/2012	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
12/3/2012	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
12/3/2012	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
12/3/2012	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: December 2012 WET WEATHER - EVENT 1							
Sample Date	**Station Information**	**Organics**	**Units**	**MDL**	**Reporting Limit**	**ML [1]**	**Concentration**

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000

Minimum level of 0.5 µg/L for PCBs is for Total PCBs

ND - Analyte not detected at or above the method detection limit

Reporting Limit - Lowest concentration for which quantitative data are reported

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: December 2012
WET WEATHER - EVENT 2

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML [1]	Concentration
12/26/2012	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
12/26/2012	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
12/26/2012	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
12/26/2012	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
12/26/2012	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: December 2012 WET WEATHER - EVENT 2							
Sample Date	**Station Information**	**Organics**	**Units**	**MDL**	**Reporting Limit**	**ML [1]**	**Concentration**

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000

Minimum level of 0.5 µg/L for PCBs is for Total PCBs

ND - Analyte not detected at or above the method detection limit

Reporting Limit - Lowest concentration for which quantitative data are reported

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: December 2012
WET WEATHER - EVENT 3

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML [1]	Concentration
12/31/2012	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	**0.16**
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	**0.16**
12/31/2012	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	**0.15**
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	**0.15**
12/31/2012	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	**0.19**
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	**0.19**
12/31/2012	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	**0.17**
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	**0.17**
12/31/2012	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	**0.12**
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	**0.12**

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: December 2012 WET WEATHER - EVENT 3							
Sample Date	**Station Information**	**Organics**	**Units**	**MDL**	**Reporting Limit**	**ML [1]**	**Concentration**

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000

Minimum level of 0.5 µg/L for PCBs is for Total PCBs

ND - Analyte not detected at or above the method detection limit

Reporting Limit - Lowest concentration for which quantitative data are reported

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: January 2013
WET WEATHER - EVENT 4

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML [1]	Concentration
1/28/2013	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	**0.032 J**
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	**0.032 J**
1/28/2013	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	**0.040 J**
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	**0.040 J**
1/28/2013	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	**0.028 J**
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	**0.028 J**
1/28/2013	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	**0.028 J**
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	**0.028 J**
1/28/2013	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	**0.040 J**
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	**0.040 J**

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: January 2013 WET WEATHER - EVENT 4							
Sample Date	**Station Information**	**Organics**	**Units**	**MDL**	**Reporting Limit**	**ML [1]**	**Concentration**

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000

Minimum level of 0.5 µg/L for PCBs is for Total PCBs

ND - Analyte not detected at or above the method detection limit

Reporting Limit - Lowest concentration for which quantitative data are reported

J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: February 2013
WET WEATHER - EVENT 5

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML [1]	Concentration
2/21/2013	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
2/21/2013	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
2/21/2013	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
2/21/2013	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.014	0.11	0.1	ND
		Aroclor 1016	µg/L	0.015	0.11	0.5	ND
		Aroclor 1221	µg/L	0.029	0.11	0.5	ND
		Aroclor 1232	µg/L	0.017	0.11	0.5	ND
		Aroclor 1242	µg/L	0.031	0.11	0.5	ND
		Aroclor 1248	µg/L	0.020	0.11	0.5	ND
		Aroclor 1254	µg/L	0.027	0.11	0.5	ND
		Aroclor 1260	µg/L	0.015	0.11	0.5	ND
		Aroclor 1262	µg/L	0.018	0.11	0.5	ND
		Total PCBs	µg/L	0.029	0.11	0.5	ND
2/21/2013	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.011	0.089	0.1	ND
		Aroclor 1016	µg/L	0.012	0.089	0.5	ND
		Aroclor 1221	µg/L	0.023	0.089	0.5	ND
		Aroclor 1232	µg/L	0.014	0.089	0.5	ND
		Aroclor 1242	µg/L	0.024	0.089	0.5	ND
		Aroclor 1248	µg/L	0.016	0.089	0.5	ND
		Aroclor 1254	µg/L	0.021	0.089	0.5	ND
		Aroclor 1260	µg/L	0.012	0.089	0.5	ND
		Aroclor 1262	µg/L	0.014	0.089	0.5	ND
		Total PCBs	µg/L	0.024	0.089	0.5	ND

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: February 2013 WET WEATHER - EVENT 5							
Sample Date	**Station Information**	**Organics**	**Units**	**MDL**	**Reporting Limit**	**ML [1]**	**Concentration**

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000

Minimum level of 0.5 µg/L for PCBs is for Total PCBs

ND - Analyte not detected at or above the method detection limit

Reporting Limit - Lowest concentration for which quantitative data are reported

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: March 2013
WET WEATHER - EVENT 6

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML [1]	Concentration
3/8/2013	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
3/8/2013	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
3/8/2013	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
3/8/2013	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND
3/8/2013	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.013	0.10	0.1	ND
		Aroclor 1016	µg/L	0.013	0.10	0.5	ND
		Aroclor 1221	µg/L	0.025	0.10	0.5	ND
		Aroclor 1232	µg/L	0.015	0.10	0.5	ND
		Aroclor 1242	µg/L	0.027	0.10	0.5	ND
		Aroclor 1248	µg/L	0.018	0.10	0.5	ND
		Aroclor 1254	µg/L	0.024	0.10	0.5	ND
		Aroclor 1260	µg/L	0.014	0.10	0.5	ND
		Aroclor 1262	µg/L	0.016	0.10	0.5	ND
		Total PCBs	µg/L	0.027	0.10	0.5	ND

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2012-2013

MONTHLY SUMMARY REPORT: March 2013 WET WEATHER - EVENT 6							
Sample Date	**Station Information**	**Organics**	**Units**	**MDL**	**Reporting Limit**	**ML [1]**	**Concentration**

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

ML - Minimum Level according to App 4 of SWRQB Policy for the Implementation of Toxic Standards for Inland Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000

Minimum level of 0.5 µg/L for PCBs is for Total PCBs

ND - Analyte not detected at or above the method detection limit

Reporting Limit - Lowest concentration for which quantitative data are reported

µg/L - microgram per liter

Quarterly Summary Reports, Benthic Sediment Quality Data

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2012 - 2013

QUARTERLY SUMMARY REPORT: September 2012
DRY WEATHER

Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
9/26/2012	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.301 0.294 0.396	1.12 1.12 2.23	34 46.7 150	**420** **69.8** **359**
9/26/2012	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.363 0.355 0.479	1.35 1.35 2.70	34 46.7 150	**490** **89.9** **486**
9/26/2012	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.371 0.363 0.489	1.38 1.38 2.75	34 46.7 150	**416** **91.8** **393**
9/26/2012	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.282 0.275 0.371	1.05 1.05 2.09	34 46.7 150	**246** **62.4** **276**

Notes:
Detections are indicated in **bold**
MDL - Method Detection Limit
mg/kg - milligram per kilogram, dry weight basis
Reporting Limit - lowest concentration for which quantitative data are reported
TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2012 - 2013

QUARTERLY SUMMARY REPORT: December 2012
DRY WEATHER

Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
12/19/2012	MdRH-B-1	Copper	mg/kg	0.306	1.13	34	**361**
	Back Harbor	Lead	mg/kg	0.299	1.13	46.7	**64.0**
	Basin D	Zinc	mg/kg	0.403	2.27	150	**332**
	Saltwater Sediment						
12/19/2012	MdRH-B-2	Copper	mg/kg	0.367	1.36	34	**405**
	Back Harbor	Lead	mg/kg	0.359	1.36	46.7	**92.3**
	Basin E	Zinc	mg/kg	0.484	2.72	150	**425**
	Saltwater Sediment						
12/19/2012	MdRH-B-3	Copper	mg/kg	0.355	1.32	34	**412**
	Back Harbor	Lead	mg/kg	0.347	1.32	46.7	**93.5**
	Basin F	Zinc	mg/kg	0.467	2.63	150	**405**
	Saltwater Sediment						
12/19/2012	MdRH-B-4	Copper	mg/kg	0.280	1.04	34	**210**
	Back Harbor	Lead	mg/kg	0.273	1.04	46.7	**52.7**
	Basin - End of Channel	Zinc	mg/kg	0.368	2.07	150	**248**
	Saltwater Sediment						

Notes:
Detections are indicated in **bold**
MDL - Method Detection Limit
Reporting Limit - lowest concentration for which quantitative data are reported
TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL
mg/kg - milligram per kilogram, dry weight basis

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2012 - 2013

QUARTERLY SUMMARY REPORT: March 2013
DRY WEATHER

Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
3/6/2013	MdRH-B-1	Copper	mg/kg	0.289	1.07	34	**422**
	Back Harbor	Lead	mg/kg	0.282	1.07	46.7	**72.2**
	Basin D	Zinc	mg/kg	0.380	2.14	150	**376**
	Saltwater Sediment						
3/6/2013	MdRH-B-2	Copper	mg/kg	0.366	1.36	34	**475**
	Back Harbor	Lead	mg/kg	0.358	1.36	46.7	**92.0**
	Basin E	Zinc	mg/kg	0.483	2.72	150	**461**
	Saltwater Sediment						
3/6/2013	MdRH-B-3	Copper	mg/kg	0.342	1.27	34	**386**
	Back Harbor	Lead	mg/kg	0.334	1.27	46.7	**85.7**
	Basin F	Zinc	mg/kg	0.451	2.54	150	**382**
	Saltwater Sediment						
3/6/2013	MdRH-B-4	Copper	mg/kg	0.259	0.962	34	**226**
	Back Harbor	Lead	mg/kg	0.253	0.962	46.7	**61.4**
	Basin - End of Channel	Zinc	mg/kg	0.341	1.92	150	**294**
	Saltwater Sediment						

Notes:
Detections are indicated in **bold**
MDL - Method Detection Limit
Reporting Limit - lowest concentration for which quantitative data are reported
TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL
mg/kg - milligram per kilogram, dry weight basis

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2012 - 2013

QUARTERLY SUMMARY REPORT: June 2013
DRY WEATHER

Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
6/5/2013	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.301 0.295 0.397	1.12 1.12 2.24	34 46.7 150	**455** **76.7** **406**
6/5/2013	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.383 0.374 0.504	1.42 1.42 2.84	34 46.7 150	**515** **96.0** **498**
6/5/2013	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.371 0.363 0.489	1.38 1.38 2.75	34 46.7 150	**413** **89.2** **392**
6/5/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.287 0.281 0.379	1.07 1.07 2.13	34 46.7 150	**249** **59.2** **277**

Notes:
Detections are indicated in **bold**
MDL - Method Detection Limit
Reporting Limit - lowest concentration for which quantitative data are reported
TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL
mg/kg - milligram per kilogram, dry weight basis

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2012 - 2013

QUARTERLY SUMMARY REPORT: September 2012
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit[1]	Concentration
9/26/2012	MdRH-B-1	Chlordane	µg/kg	7.3	22	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	6.4	22	22.7	ND
	Basin D	Aroclor 1221	µg/kg	5.8	22	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	4.8	22	22.7	ND
		Aroclor 1242	µg/kg	5.6	22	22.7	ND
		Aroclor 1248	µg/kg	6.4	22	22.7	ND
		Aroclor 1254	µg/kg	5.4	22	22.7	**36**
		Aroclor 1260	µg/kg	5.2	22	22.7	**34**
		Aroclor 1262	µg/kg	5.5	22	22.7	ND
		Total PCBs	µg/kg	6.4	22	22.7	**70**
9/26/2012	MdRH-B-2	Chlordane	µg/kg	8.8	27	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	7.7	27	22.7	ND
	Basin E	Aroclor 1221	µg/kg	7.0	27	22.7	ND
	Saltwater	Aroclor 1232	µg/kg	5.8	27	22.7	ND
		Aroclor 1242	µg/kg	6.7	27	22.7	ND
		Aroclor 1248	µg/kg	7.8	27	22.7	ND
		Aroclor 1254	µg/kg	6.5	27	22.7	**38**
		Aroclor 1260	µg/kg	6.2	27	22.7	**36**
		Aroclor 1262	µg/kg	6.6	27	22.7	ND
		Total PCBs	µg/kg	7.8	27	22.7	**74**
9/26/2012	MdRH-B-3	Chlordane	µg/kg	9.0	28	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	7.9	28	22.7	ND
	Basin F	Aroclor 1221	µg/kg	7.1	28	22.7	ND
	Saltwater	Aroclor 1232	µg/kg	5.9	28	22.7	ND
		Aroclor 1242	µg/kg	6.9	28	22.7	ND
		Aroclor 1248	µg/kg	7.9	28	22.7	ND
		Aroclor 1254	µg/kg	6.6	28	22.7	**46**
		Aroclor 1260	µg/kg	6.4	28	22.7	**38**
		Aroclor 1262	µg/kg	6.8	28	22.7	ND
		Total PCBs	µg/kg	7.9	28	22.7	**84**
9/26/2012	MdRH-B-4	Chlordane	µg/kg	6.8	21	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	6.0	21	22.7	ND
	Basin - End of Channel	Aroclor 1221	µg/kg	5.4	21	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	4.5	21	22.7	ND
		Aroclor 1242	µg/kg	5.2	21	22.7	ND
		Aroclor 1248	µg/kg	6.0	21	22.7	ND
		Aroclor 1254	µg/kg	5.0	21	22.7	**48**
		Aroclor 1260	µg/kg	4.8	21	22.7	**57**
		Aroclor 1262	µg/kg	5.2	21	22.7	ND
		Total PCBs	µg/kg	6.0	21	22.7	**105**

Notes:
Detections are indicated in **bold**
MDL - Method Detection Limit
µg/kg - microgram per kilogram, dry weight basis
ND - Analyte not detected at or above the method detection limit
Reporting Limit - lowest concentration for which quantitative data are reported
TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL
[1] TMDL Limit of 22.7 µg/kg for PCBs is for Total PCBs

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2012 - 2013

QUARTERLY SUMMARY REPORT: December 2012
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
12/19/2012	MdRH-B-1	Chlordane	µg/kg	7.4	23	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	6.5	23	22.7	ND
	Basin D	Aroclor 1221	µg/kg	5.9	23	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	4.9	23	22.7	ND
		Aroclor 1242	µg/kg	5.7	23	22.7	ND
		Aroclor 1248	µg/kg	6.5	23	22.7	ND
		Aroclor 1254	µg/kg	5.5	23	22.7	**58**
		Aroclor 1260	µg/kg	5.2	23	22.7	**27**
		Aroclor 1262	µg/kg	5.6	23	22.7	ND
		Total PCBs	µg/kg	6.5	23	22.7	**85**
12/19/2012	MdRH-B-2	Chlordane	µg/kg	8.9	27	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	7.8	27	22.7	ND
	Basin E	Aroclor 1221	µg/kg	7.1	27	22.7	ND
	Saltwater	Aroclor 1232	µg/kg	5.8	27	22.7	ND
		Aroclor 1242	µg/kg	6.8	27	22.7	ND
		Aroclor 1248	µg/kg	7.9	27	22.7	ND
		Aroclor 1254	µg/kg	6.6	27	22.7	**61**
		Aroclor 1260	µg/kg	6.3	27	22.7	**24 J**
		Aroclor 1262	µg/kg	6.7	27	22.7	ND
		Total PCBs	µg/kg	7.9	27	22.7	**85 J**
12/19/2012	MdRH-B-3	Chlordane	µg/kg	8.6	26	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	7.5	26	22.7	ND
	Basin F	Aroclor 1221	µg/kg	6.8	26	22.7	ND
	Saltwater	Aroclor 1232	µg/kg	5.6	26	22.7	ND
		Aroclor 1242	µg/kg	6.6	26	22.7	ND
		Aroclor 1248	µg/kg	7.6	26	22.7	ND
		Aroclor 1254	µg/kg	6.3	26	22.7	**60**
		Aroclor 1260	µg/kg	6.1	26	22.7	**25 J**
		Aroclor 1262	µg/kg	6.5	26	22.7	ND
		Total PCBs	µg/kg	7.6	26	22.7	**85 J**
12/19/2012	MdRH-B-4	Chlordane	µg/kg	6.8	21	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	5.9	21	22.7	ND
	Basin - End of Channel	Aroclor 1221	µg/kg	5.4	21	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	4.4	21	22.7	ND
		Aroclor 1242	µg/kg	5.2	21	22.7	ND
		Aroclor 1248	µg/kg	6.0	21	22.7	ND
		Aroclor 1254	µg/kg	5.0	21	22.7	**51**
		Aroclor 1260	µg/kg	4.8	21	22.7	**20 J**
		Aroclor 1262	µg/kg	5.1	21	22.7	ND
		Total PCBs	µg/kg	6.0	21	22.7	**71 J**

Notes:
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- Reporting Limit - lowest concentration for which quantitative data are reported
- TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL
- * TMDL Limit of 22.7 µg/kg for PCBs is for Total PCBs
- µg/kg - microgram per kilogram, dry weight basis
- J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2012 - 2013

QUARTERLY SUMMARY REPORT: March 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
3/6/2013	MdRH-B-1	Chlordane	µg/kg	0.35	1.1	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	6.1	21	22.7	ND
	Basin D	Aroclor 1221	µg/kg	5.5	21	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	4.6	21	22.7	ND
		Aroclor 1242	µg/kg	5.3	21	22.7	ND
		Aroclor 1248	µg/kg	6.2	21	22.7	ND
		Aroclor 1254	µg/kg	5.2	21	22.7	**22**
		Aroclor 1260	µg/kg	5.0	21	22.7	**12 J**
		Aroclor 1262	µg/kg	5.3	21	22.7	ND
		Total PCBs	µg/kg	6.2	21	22.7	**34 J**
3/6/2013	MdRH-B-2	Chlordane	µg/kg	0.44	1.4	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	7.7	27	22.7	ND
	Basin E	Aroclor 1221	µg/kg	7.0	27	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	5.8	27	22.7	ND
		Aroclor 1242	µg/kg	6.8	27	22.7	ND
		Aroclor 1248	µg/kg	7.8	27	22.7	ND
		Aroclor 1254	µg/kg	6.5	27	22.7	**48**
		Aroclor 1260	µg/kg	6.3	27	22.7	**26 J**
		Aroclor 1262	µg/kg	6.7	27	22.7	ND
		Total PCBs	µg/kg	7.7	27	22.7	**74 J**
3/6/2013	MdRH-B-3	Chlordane	µg/kg	0.41	1.3	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	7.2	25	22.7	ND
	Basin F	Aroclor 1221	µg/kg	6.6	25	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	5.4	25	22.7	ND
		Aroclor 1242	µg/kg	6.3	25	22.7	ND
		Aroclor 1248	µg/kg	7.3	25	22.7	ND
		Aroclor 1254	µg/kg	6.1	25	22.7	**22 J**
		Aroclor 1260	µg/kg	5.9	25	22.7	**16 J**
		Aroclor 1262	µg/kg	6.3	25	22.7	ND
		Total PCBs	µg/kg	7.3	25	22.7	**38 J**
3/6/2013	MdRH-B-4	Chlordane	µg/kg	0.31	0.96	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	5.5	19	22.7	ND
	Basin - End of Channel	Aroclor 1221	µg/kg	5.0	19	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	4.1	19	22.7	ND
		Aroclor 1242	µg/kg	4.8	19	22.7	ND
		Aroclor 1248	µg/kg	5.5	19	22.7	ND
		Aroclor 1254	µg/kg	4.6	19	22.7	**16 J**
		Aroclor 1260	µg/kg	4.5	19	22.7	**8.1 J**
		Aroclor 1262	µg/kg	4.7	19	22.7	ND
		Total PCBs	µg/kg	5.5	19	22.7	**24 J**

Notes:
Detections are indicated in **bold**
MDL - Method Detection Limit
ND - Analyte not detected at or above the method detection limit
Reporting Limit - lowest concentration for which quantitative data are reported
TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL
* TMDL Limit of 22.7 µg/kg for PCBs is for Total PCBs
µg/kg - microgram per kilogram, dry weight basis
J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2012 - 2013

QUARTERLY SUMMARY REPORT: June 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
6/5/2013	MdRH-B-1	Chlordane	µg/kg	0.36	1.1	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	6.4	22	22.7	ND
	Basin D	Aroclor 1221	µg/kg	5.8	22	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	4.8	22	22.7	ND
		Aroclor 1242	µg/kg	5.6	22	22.7	ND
		Aroclor 1248	µg/kg	6.4	22	22.7	ND
		Aroclor 1254	µg/kg	5.4	22	22.7	**9.2 J**
		Aroclor 1260	µg/kg	5.2	22	22.7	**7.1 J**
		Aroclor 1262	µg/kg	5.5	22	22.7	ND
		Total PCBs	µg/kg	6.4	22	22.7	**16.3 J**
6/5/2013	MdRH-B-2	Chlordane	µg/kg	0.46	1.4	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	8.1	28	22.7	ND
	Basin E	Aroclor 1221	µg/kg	7.4	28	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	6.1	28	22.7	ND
		Aroclor 1242	µg/kg	7.1	28	22.7	ND
		Aroclor 1248	µg/kg	8.2	28	22.7	ND
		Aroclor 1254	µg/kg	6.8	28	22.7	**12 J**
		Aroclor 1260	µg/kg	6.6	28	22.7	**7.8 J**
		Aroclor 1262	µg/kg	7.0	28	22.7	ND
		Total PCBs	µg/kg	8.2	28	22.7	**20 J**
6/5/2013	MdRH-B-3	Chlordane	µg/kg	0.44	1.4	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	7.9	28	22.7	ND
	Basin F	Aroclor 1221	µg/kg	7.1	28	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	5.9	28	22.7	ND
		Aroclor 1242	µg/kg	6.9	28	22.7	ND
		Aroclor 1248	µg/kg	7.9	28	22.7	ND
		Aroclor 1254	µg/kg	6.6	28	22.7	**11 J**
		Aroclor 1260	µg/kg	6.4	28	22.7	**8.8 J**
		Aroclor 1262	µg/kg	6.8	28	22.7	ND
		Total PCBs	µg/kg	7.9	28	22.7	**20 J**
6/5/2013	MdRH-B-4	Chlordane	µg/kg	0.34	1.1	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	6.1	21	22.7	ND
	Basin - End of Channel	Aroclor 1221	µg/kg	5.5	21	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	4.6	21	22.7	ND
		Aroclor 1242	µg/kg	5.3	21	22.7	ND
		Aroclor 1248	µg/kg	6.1	21	22.7	ND
		Aroclor 1254	µg/kg	5.1	21	22.7	**22**
		Aroclor 1260	µg/kg	4.9	21	22.7	**14 J**
		Aroclor 1262	µg/kg	5.3	21	22.7	ND
		Total PCBs	µg/kg	6.1	21	22.7	**36 J**

Notes:
- Detections are indicated in **bold**
- MDL - Method Detection Limit
- ND - Analyte not detected at or above the method detection limit
- Reporting Limit - lowest concentration for which quantitative data are reported
- TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL
- * TMDL Limit of 22.7 µg/kg for PCBs is for Total PCBs
- µg/kg - microgram per kilogram, dry weight basis
- J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2012 - 2013

QUARTERLY SUMMARY REPORT: September 2012
DRY WEATHER

Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
9/26/2012	MdRH-B-1	Percent Solids	percent	0.100	0.100	**44.8**
	Back Harbor	Total Organic Carbon	mg/kg	270	1,100	**15,000**
	Basin D	Clay	percent	NA	0.01	**20.88**
	Saltwater Sediment	Silt	percent	NA	0.01	**71.23**
		Sand	percent	NA	0.01	**7.89**
		Gravel	percent	NA	0.01	ND
9/26/2012	MdRH-B-2	Percent Solids	percent	0.100	0.100	**37.1**
	Back Harbor	Total Organic Carbon	mg/kg	330	1,300	**16,000**
	Basin E	Clay	percent	NA	0.01	**27.77**
	Saltwater Sediment	Silt	percent	NA	0.01	**72.17**
		Sand	percent	NA	0.01	**0.06**
		Gravel	percent	NA	0.01	ND
9/26/2012	MdRH-B-3	Percent Solids	percent	0.100	0.100	**36.3**
	Back Harbor	Total Organic Carbon	mg/kg	330	1,400	**17,000**
	Basin F	Clay	percent	NA	0.01	**24.68**
	Saltwater Sediment	Silt	percent	NA	0.01	**74.70**
		Sand	percent	NA	0.01	**0.61**
		Gravel	percent	NA	0.01	ND
9/26/2012	MdRH-B-4	Percent Solids	percent	0.100	0.100	**47.8**
	Back Harbor	Total Organic Carbon	mg/kg	250	1,000	**13,000**
	Basin - End of Channel	Clay	percent	NA	0.01	**20.03**
	Saltwater Sediment	Silt	percent	NA	0.01	**73.05**
		Sand	percent	NA	0.01	**6.92**
		Gravel	percent	NA	0.01	ND

Notes:
- Detections are indicated in **bold**
- MDL - Method Detection Limit
- mg/kg - milligram per kilogram, dry weight basis
- NA - Not Applicable
- ND - Analyte not detected at or above the Reporting Limit
- Reporting Limit - Lowest concentration for which quantitative data are reported

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2012 - 2013

QUARTERLY SUMMARY REPORT: December 2012
DRY WEATHER

Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
12/19/2012	MdRH-B-1	Percent Solids	percent	0.100	0.100	**44.1**
	Back Harbor	Total Organic Carbon	mg/kg	270	1,100	**16,000**
	Basin D	Clay	percent	NA	0.01	**24.22**
	Saltwater Sediment	Silt	percent	NA	0.01	**66.76**
		Sand	percent	NA	0.01	**9.01**
		Gravel	percent	NA	0.01	ND
12/19/2012	MdRH-B-2	Percent Solids	percent	0.100	0.100	**36.7**
	Back Harbor	Total Organic Carbon	mg/kg	330	1,400	**19,000**
	Basin E	Clay	percent	NA	0.01	**32.30**
	Saltwater Sediment	Silt	percent	NA	0.01	**65.44**
		Sand	percent	NA	0.01	**2.25**
		Gravel	percent	NA	0.01	ND
12/19/2012	MdRH-B-3	Percent Solids	percent	0.100	0.100	**38.0**
	Back Harbor	Total Organic Carbon	mg/kg	320	1,300	**19,000**
	Basin F	Clay	percent	NA	0.01	**24.52**
	Saltwater Sediment	Silt	percent	NA	0.01	**68.92**
		Sand	percent	NA	0.01	**6.57**
		Gravel	percent	NA	0.01	ND
12/19/2012	MdRH-B-4	Percent Solids	percent	0.100	0.100	**48.2**
	Back Harbor	Total Organic Carbon	mg/kg	250	1,000	**13,000**
	Basin - End of Channel	Clay	percent	NA	0.01	**22.08**
	Saltwater Sediment	Silt	percent	NA	0.01	**72.63**
		Sand	percent	NA	0.01	**5.30**
		Gravel	percent	NA	0.01	ND

Notes:
- Detections are indicated in **bold**
- MDL - Method Detection Limit
- NA - Not Applicable
- ND - Analyte not detected at or above the Reporting Limit
- Reporting Limit - Lowest concentration for which quantitative data are reported
- mg/kg - milligram per kilogram, dry weight basis

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2012 - 2013

QUARTERLY SUMMARY REPORT: March 2013 DRY WEATHER						
Sample Date	**Station Information**	**Measurement**	**Units**	**MDL**	**Reporting Limit**	**Concentration**
3/6/2013	MdRH-B-1	Percent Solids	percent	0.100	0.100	**46.7**
	Back Harbor	Total Organic Carbon	mg/kg	260	1,100	**17,000**
	Basin D	Clay	percent	NA	0.01	**39.08**
	Saltwater Sediment	Silt	percent	NA	0.01	**60.92**
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
3/6/2013	MdRH-B-2	Percent Solids	percent	0.100	0.100	**36.8**
	Back Harbor	Total Organic Carbon	mg/kg	330	1,400	**23,000**
	Basin E	Clay	percent	NA	0.01	**42.26**
	Saltwater Sediment	Silt	percent	NA	0.01	**57.74**
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
3/6/2013	MdRH-B-3	Percent Solids	percent	0.100	0.100	**39.4**
	Back Harbor	Total Organic Carbon	mg/kg	310	1,300	**21,000**
	Basin F	Clay	percent	NA	0.01	**44.90**
	Saltwater Sediment	Silt	percent	NA	0.01	**55.10**
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
3/6/2013	MdRH-B-4	Percent Solids	percent	0.100	0.100	**52.0**
	Back Harbor	Total Organic Carbon	mg/kg	230	960	**13,000**
	Basin - End of Channel	Clay	percent	NA	0.01	**29.94**
	Saltwater Sediment	Silt	percent	NA	0.01	**70.06**
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

NA - Not Applicable

ND - Analyte not detected at or above the Reporting Limit

Reporting Limit - Lowest concentration for which quantitative data are reported

mg/kg - milligram per kilogram, dry weight basis

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2012 - 2013

QUARTERLY SUMMARY REPORT: June 2013
DRY WEATHER

Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
6/5/2013	MdRH-B-1	Percent Solids	percent	0.100	0.100	**44.7**
	Back Harbor	Total Organic Carbon	mg/kg	270	1,100	**16,000**
	Basin D	Clay	percent	NA	0.01	**23.10**
	Saltwater Sediment	Silt	percent	NA	0.01	**74.33**
		Sand	percent	NA	0.01	**2.56**
		Gravel	percent	NA	0.01	ND
6/5/2013	MdRH-B-2	Percent Solids	percent	0.100	0.100	**35.2**
	Back Harbor	Total Organic Carbon	mg/kg	340	1,400	**22,000**
	Basin E	Clay	percent	NA	0.01	**29.84**
	Saltwater Sediment	Silt	percent	NA	0.01	**70.16**
		Sand	percent	NA	0.01	ND
		Gravel	percent	NA	0.01	ND
6/5/2013	MdRH-B-3	Percent Solids	percent	0.100	0.100	**36.3**
	Back Harbor	Total Organic Carbon	mg/kg	330	1,400	**20,000**
	Basin F	Clay	percent	NA	0.01	**25.87**
	Saltwater Sediment	Silt	percent	NA	0.01	**73.50**
		Sand	percent	NA	0.01	**0.63**
		Gravel	percent	NA	0.01	ND
6/5/2013	MdRH-B-4	Percent Solids	percent	0.100	0.100	**46.9**
	Back Harbor	Total Organic Carbon	mg/kg	260	1,100	**15,000**
	Basin - End of Channel	Clay	percent	NA	0.01	**19.88**
	Saltwater Sediment	Silt	percent	NA	0.01	**75.25**
		Sand	percent	NA	0.01	**4.86**
		Gravel	percent	NA	0.01	ND

Notes:
- Detections are indicated in **bold**
- MDL - Method Detection Limit
- NA - Not Applicable
- ND - Analyte not detected at or above the Reporting Limit
- Reporting Limit - Lowest concentration for which quantitative data are reported
- mg/kg - milligram per kilogram, dry weight basis

Quarterly Reports: Sediment Toxicity Data

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2012-2013
Leptocheirus plumulosus Survival (28-Day)

SEMIANNUAL SUMMARY REPORT: September 2012 DRY WEATHER					
Sample Date	**Station Information**	**Replicate**	**Number Alive**	**Percent Survival**	**Mean Percent Survival**
9/26/2012	MdRH-B-1 Back Harbor Basin D Saltwater	A	17	85	68.8%
		B	17	85	
		C	18	90	
		D	3	15	
		E	15	75	
		F	9	45	
		G	19	95	
		H	12	60	
9/26/2012	MdRH-B-2 Back Harbor Basin E Saltwater	A	17	85	35.0%
		B	12	60	
		C	1	5	
		D	7	35	
		E	1	5	
		F	5	25	
		G	13	65	
		H	0	0	
9/26/2012	MdRH-B-3 Back Harbor Basin F Saltwater	A	15	75	69.3%
		B	10	50	
		C	0	0*	
		D	18	90	
		E	16	80	
		F	14	70	
		G	13	65	
		H	11	55	
9/26/2012	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	A	17	85	70.0%
		B	20	100	
		C	1	5	
		D	15	75	
		E	6	30	
		F	15	75	
		G	18	90	
		H	20	100	
9/26/2012	Laboratory Control	A	12	60	68.8%
		B	15	75	
		C	8	40	
		D	18	90	
		E	15	75	
		F	12	60	
		G	13	65	
		H	17	85	

* Outlier removed

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
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Leptocheirus plumulosus Survival (28-Day)

SEMIANNUAL SUMMARY REPORT: March 2013 DRY WEATHER					
Sample Date	**Station Information**	**Replicate**	**Number Alive**	**Percent Survival**	**Mean Percent Survival**
3/6/2013	MdRH-B-1 Back Harbor Basin D Saltwater	A B C D E	18 18 19 15 17	90 90 95 75 85	87.0
3/6/2013	MdRH-B-2 Back Harbor Basin E Saltwater	A B C D E	13 17 19 19 20	65 85 95 95 100	88.0
3/6/2013	MdRH-B-3 Back Harbor Basin F Saltwater	A B C D E	19 19 19 7 10	95 95 95 35 50	74.0
3/6/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	A B C D E	18 19 19 19 19	90 95 95 95 95	94.0
3/6/2013	Laboratory Control	A B C D E	20 17 20 4 6	100 85 100 20 30	67.0

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Leptocheirus plumulosus Growth (28-Day)

SEMIANNUAL SUMMARY REPORT: September 2012
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Sample Date	Station Information	Replicate	Total Weight (mg)	Weight per Organism (mg)	Mean Weight per Organism (mg)
9/26/2012	MdRH-B-1	A	11.62	0.68	0.62
	Back Harbor	B	11.32	0.67	
	Basin D	C	8.80	0.49	
	Saltwater	D	4.17	1.39*	
		E	11.00	0.73	
		F	4.25	0.47	
		G	10.53	0.55	
		H	8.86	0.74	
9/26/2012	MdRH-B-2	A	5.93	0.35	0.34
	Back Harbor	B	5.77	0.48	
	Basin E	C	0.46	0.46	
	Saltwater	D	2.34	0.33	
		E	0.31	0.31	
		F	1.66	0.33	
		G	5.81	0.45	
		H	0.00	0.00	
9/26/2012	MdRH-B-3	A	9.28	0.62	0.49
	Back Harbor	B	4.39	0.44	
	Basin F	C	0.00	0.00	
	Saltwater	D	8.17	0.45	
		E	8.22	0.51	
		F	4.83	0.34	
		G	14.55	1.12*	
		H	6.36	0.58	
9/26/2012	MdRH-B-4	A	14.25	0.84	0.78
	Back Harbor	B	17.79	0.89	
	Basin - End of Channel	C	0.29	0.29*	
	Saltwater	D	9.05	0.60	
		E	3.70	0.62	
		F	13.65	0.91	
		G	12.95	0.72	
		H	16.97	0.85	
9/26/2012	Laboratory Control	A	13.76	1.15	1.11
		B	19.03	1.27	
		C	8.26	1.03	
		D	21.08	1.17	
		E	14.62	0.97	
		F	11.57	0.96	
		G	13.30	1.02	
		H	21.78	1.28	

* Outlier removed

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Leptocheirus plumulosus Growth (28-Day)

SEMIANNUAL SUMMARY REPORT: March 2013 DRY WEATHER					
Sample Date	**Station Information**	**Replicate**	**Total Weight (mg)**	**Weight per Organism (mg)**	**Mean Weight per Organism (mg)**
3/6/2013	MdRH-B-1	A	10.65	0.59	0.74
	Back Harbor	B	12.08	0.67	
	Basin D	C	19.14	1.01	
	Saltwater	D	12.73	0.85	
		E	10.24	0.60	
3/6/2013	MdRH-B-2	A	9.58	0.74	1.32
	Back Harbor	B	16.58	0.98	
	Basin E	C	29.50	1.55	
	Saltwater	D	35.77	1.88	
		E	29.17	1.46	
3/6/2013	MdRH-B-3	A	14.94	0.79	0.82
	Back Harbor	B	25.76	1.36	
	Basin F	C	14.73	0.78	
	Saltwater	D	4.69	0.67	
		E	4.96	0.50	
3/6/2013	MdRH-B-4	A	8.60	0.48	0.95
	Back Harbor	B	14.37	0.76	
	Basin - End of Channel	C	15.06	0.79	
	Saltwater	D	24.32	1.28	
		E	27.31	1.44	
3/6/2013	Laboratory Control	A	27.48	1.37	0.85
		B	10.88	0.64	
		C	27.01	1.35	
		D	1.70	0.43	
		E	2.81	0.47	

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Leptocheirus plumulosus Reproduction (28-Day)

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Sample Date	Station Information	Replicate	Number of Neonates Produced	Number of Neonates Per Adult	Mean Number of Neonates Per Adult
9/26/2012	MdRH-B-1	A	5	0.29	0.38
	Back Harbor	B	13	0.76	
	Basin D	C	3	0.17	
	Saltwater	D	2	0.67	
		E	3	0.20	
		F	4	0.44	
		G	10	0.53	
		H	0	0.00	
9/26/2012	MdRH-B-2	A	0	0.00	0.06
	Back Harbor	B	1	0.08	
	Basin E	C	0	0.00	
	Saltwater	D	0	0.00	
		E	0	0.00	
		F	0	0.00	
		G	5	0.38	
		H	0	0.00	
9/26/2012	MdRH-B-3	A	2	0.13	0.26
	Back Harbor	B	5	0.50	
	Basin F	C	0	0.00	
	Saltwater	D	3	0.17	
		E	4	0.25	
		F	0	0.00	
		G	10	0.77	
		H	0	0.00	
9/26/2012	MdRH-B-4	A	1	0.06	0.49
	Back Harbor	B	23	1.15	
	Basin - End of Channel	C	0	0.00	
	Saltwater	D	1	0.07	
		E	1	0.17	
		F	19	1.27	
		G	10	0.56	
		H	13	0.65	
9/26/2012	Laboratory Control	A	20	1.67	1.28
		B	37	2.47	
		C	9	1.13	
		D	12	0.67	
		E	16	1.07	
		F	12	1.00	
		G	4	0.31	
		H	33	1.94	

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SEMIANNUAL SUMMARY REPORT: March 2013 DRY WEATHER					
Sample Date	**Station Information**	**Replicate**	**Number of Neonates Produced**	**Number of Neonates Per Adult**	**Mean Number of Neonates Per Adult**
3/6/2013	MdRH-B-1	A	6	0.33	0.72
	Back Harbor	B	1	0.06	
	Basin D	C	51	2.68	
	Saltwater	D	6	0.40	
		E	2	0.12	
3/6/2013	MdRH-B-2	A	0	0.00	1.47
	Back Harbor	B	21	1.24	
	Basin E	C	27	1.42	
	Saltwater	D	59	3.11	
		E	32	1.60	
3/6/2013	MdRH-B-3	A	27	1.42	0.71
	Back Harbor	B	25	1.32	
	Basin F	C	10	0.53	
	Saltwater	D	2	0.29	
		E	0	0.00	
3/6/2013	MdRH-B-4	A	1	0.06	0.88
	Back Harbor	B	3	0.16	
	Basin - End of Channel	C	0	0.00	
	Saltwater	D	20	1.05	
		E	60	3.16	
3/6/2013	Laboratory Control	A	38	1.90	0.92
		B	3	0.18	
		C	40	2.00	
		D	2	0.50	
		E	0	0.00	

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Eohaustorius estuarius Survival (10-Day)

SEMIANNUAL SUMMARY REPORT: September 2012
DRY WEATHER

Sample Date	Station Information	Replicate	Number Alive	Percent Survival	Mean Percent Survival
9/26/2012	MdRH-B-1	A	18	90	94%
	Back Harbor	B	19	95	
	Basin D	C	20	100	
	Saltwater	D	17	85	
		E	20	100	
9/26/2012	MdRH-B-2	A	19	95	93%
	Back Harbor	B	20	100	
	Basin E	C	17	85	
	Saltwater	D	18	90	
		E	19	95	
9/26/2012	MdRH-B-3	A	19	95	95%
	Back Harbor	B	20	100	
	Basin F	C	20	100	
	Saltwater	D	18	90	
		E	18	90	
9/26/2012	MdRH-B-4	A	20	100	95%
	Back Harbor	B	20	100	
	Basin - End of Channel	C	17	85	
	Saltwater	D	18	90	
		E	20	100	
9/26/2012	Laboratory Control	A	20	100	98%
		B	19	95	
		C	20	100	
		D	19	95	
		E	20	100	

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Eohaustorius estuarius Survival (10-Day)

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DRY WEATHER

Sample Date	Station Information	Replicate	Number Alive	Percent Survival	Mean Percent Survival
3/6/2013	MdRH-B-1	A	17	85	74
	Back Harbor	B	13	65	
	Basin D	C	15	75	
	Saltwater	D	13	65	
		E	16	80	
3/6/2013	MdRH-B-2	A	11	55	60
	Back Harbor	B	9	45	
	Basin E	C	9	45	
	Saltwater	D	14	70	
		E	17	85	
3/6/2013	MdRH-B-3	A	16	80	75
	Back Harbor	B	15	75	
	Basin F	C	14	70	
	Saltwater	D	15	75	
		E	15	75	
3/6/2013	MdRH-B-4	A	13	65	87
	Back Harbor	B	19	95	
	Basin - End of Channel	C	17	85	
	Saltwater	D	20	100	
		E	18	90	
3/6/2013	Laboratory Control	A	20	100	99
		B	20	100	
		C	19	95	
		D	20	100	
		E	20	100	

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Mytilus galloprovincialis Development (48-Hour Embryo)

SEMIANNUAL SUMMARY REPORT: September 2012
DRY WEATHER

Sample Date	Station Information	Replicate	Total Number Counted	Number Normally Developed	Percent Normally Developed	Mean Percent Normally Developed
9/26/2012	MdRH-B-1	A	236	204	86.4	89.6%
	Back Harbor	B	217	202	93.1	
	Basin D	C	323	281	87.0	
	Saltwater	D	234	218	93.2	
		E	234	207	88.5	
9/26/2012	MdRH-B-2	A	272	255	93.8	88.4%
	Back Harbor	B	233	209	89.7	
	Basin E	C	270	247	91.5	
	Saltwater	D	290	264	91.0	
		E	255	194	76.1	
9/26/2012	MdRH-B-3	A	277	239	86.3	85.2%
	Back Harbor	B	227	196	86.3	
	Basin F	C	271	234	86.3	
	Saltwater	D	247	195	78.9	
		E	242	213	88.0	
9/26/2012	MdRH-B-4	A	250	216	86.4	88.9%
	Back Harbor	B	258	228	88.4	
	Basin - End of Channel	C	271	241	88.9	
	Saltwater	D	265	244	92.1	
		E	222	197	88.7	
9/26/2012	Laboratory Control	A	243	232	95.5	92.4%
		B	227	209	92.1	
		C	256	234	91.4	
		D	301	273	90.7	
		E	275	236	85.8	
		A	228	221	96.9	
		B	321	299	93.1	
		C	190	175	92.1	
		D	294	275	93.5	
		E	203	188	92.6	

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2012-2013
Mytilus galloprovincialis Development (48-Hour Embryo)

SEMIANNUAL SUMMARY REPORT: March 2013
DRY WEATHER

Sample Date	Station Information	Replicate	Total Number Counted	Number Normally Developed	Percent Normally Developed	Mean Percent Normally Developed
3/6/2013	MdRH-B-1 Back Harbor Basin D Saltwater	A	256	240	93.8	94.9
		B	223	205	91.9	
		C	202	198	98.0	
		D	232	224	96.6	
		E	226	213	94.2	
3/6/2013	MdRH-B-2 Back Harbor Basin E Saltwater	A	218	212	97.2	95.9
		B	255	242	94.9	
		C	248	240	96.8	
		D	219	204	93.2	
		E	249	242	97.2	
3/6/2013	MdRH-B-3 Back Harbor Basin F Saltwater	A	226	208	92.0	93.8
		B	245	229	93.5	
		C	263	254	96.6	
		D	210	194	92.4	
		E	233	220	94.4	
3/6/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	A	287	280	97.6	96.9
		B	258	252	97.7	
		C	240	235	97.9	
		D	283	276	97.5	
		E	258	242	93.8	
3/6/2013	Laboratory Control	A	299	293	98.0	97.8
		B	289	284	98.3	
		C	266	261	98.1	
		D	250	244	97.6	
		E	257	249	96.9	

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Strongylocentrotus purpuratus Fertilization (20-Minute Gamete)

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Sample Date	Station Information	Percent Sample	Replicate	Number Counted	Percent Fertilized	Mean Percent Fertilization
9/26/2012	MdRH-B-1 Back Harbor Basin D Saltwater	12.5	A	100	91	91.6
			B	100	92	
			C	100	93	
			D	100	92	
			E	100	90	
9/26/2012	MdRH-B-1 Back Harbor Basin D Saltwater	25	A	100	84	91.0
			B	100	90	
			C	100	94	
			D	100	95	
			E	100	92	
9/26/2012	MdRH-B-1 Back Harbor Basin D Saltwater	50	A	100	92	93.8
			B	100	95	
			C	100	97	
			D	100	91	
			E	100	94	
9/26/2012	MdRH-B-1 Back Harbor Basin D Saltwater	75	A	100	93	92.8
			B	100	95	
			C	100	93	
			D	100	90	
			E	100	93	
9/26/2012	MdRH-B-1 Back Harbor Basin D Saltwater	100	A	100	96	91.2
			B	100	89	
			C	100	91	
			D	100	88	
			E	100	92	
9/26/2012	MdRH-B-1 Back Harbor Basin D Saltwater	Laboratory Control	A	100	90	92.6
			B	100	94	
			C	100	93	
			D	100	91	
			E	100	95	
9/26/2012	MdRH-B-2 Back Harbor Basin E Saltwater	12.5	A	100	91	91.2
			B	100	87	
			C	100	91	
			D	100	97	
			E	100	90	
9/26/2012	MdRH-B-2 Back Harbor Basin E Saltwater	25	A	100	86	92.2
			B	100	95	
			C	100	94	
			D	100	96	
			E	100	90	
9/26/2012	MdRH-B-2 Back Harbor Basin E Saltwater	50	A	100	91	90.6
			B	100	97	
			C	100	89	
			D	100	86	
			E	100	90	
9/26/2012	MdRH-B-2 Back Harbor Basin E Saltwater	75	A	100	91	94.6
			B	100	96	
			C	100	95	
			D	100	97	
			E	100	94	
9/26/2012	MdRH-B-2 Back Harbor Basin E Saltwater	100	A	100	94	95.2
			B	100	93	
			C	100	99	
			D	100	96	
			E	100	94	
9/26/2012	MdRH-B-2 Back Harbor Basin E Saltwater	Laboratory Control	A	100	86	92.6
			B	100	98	
			C	100	92	
			D	100	93	
			E	100	94	

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Sample Date	Station Information	Percent Sample	Replicate	Number Counted	Percent Fertilized	Mean Percent Fertilization
9/26/2012	MdRH-B-3 Back Harbor Basin F Saltwater	12.5	A	100	84	86.8
			B	100	88	
			C	100	91	
			D	100	87	
			E	100	84	
9/26/2012	MdRH-B-3 Back Harbor Basin F Saltwater	25	A	100	90	88.6
			B	100	87	
			C	100	90	
			D	100	88	
			E	100	88	
9/26/2012	MdRH-B-3 Back Harbor Basin F Saltwater	50	A	100	83	85.2
			B	100	85	
			C	100	84	
			D	100	89	
			E	100	85	
9/26/2012	MdRH-B-3 Back Harbor Basin F Saltwater	75	A	100	90	90.0
			B	100	87	
			C	100	86	
			D	100	93	
			E	100	94	
9/26/2012	MdRH-B-3 Back Harbor Basin F Saltwater	100	A	100	90	88.6
			B	100	90	
			C	100	93	
			D	100	84	
			E	100	86	
9/26/2012	MdRH-B-3 Back Harbor Basin F Saltwater	Laboratory Control	A	100	91	93.2
			B	100	97	
			C	100	90	
			D	100	92	
			E	100	96	
9/26/2012	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	12.5	A	100	86	82.8
			B	100	85	
			C	100	82	
			D	100	79	
			E	100	82	
9/26/2012	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	25	A	100	85	80.2
			B	100	82	
			C	100	78	
			D	100	75	
			E	100	81	
9/26/2012	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	50	A	100	89	82.8
			B	100	80	
			C	100	84	
			D	100	85	
			E	100	76	
9/26/2012	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	75	A	100	83	81.4
			B	100	85	
			C	100	79	
			D	100	82	
			E	100	78	
9/26/2012	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	100	A	100	68	69.0
			B	100	66	
			C	100	66	
			D	100	68	
			E	100	77	
9/26/2012	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	Laboratory Control	A	100	93	89.4
			B	100	90	
			C	100	84	
			D	100	89	
			E	100	91	

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Sample Date	Station Information	Percent Sample	Replicate	Number Counted	Percent Fertilized	Mean Percent Fertilization
3/6/2013	MdRH-B-1 Back Harbor Basin D Saltwater	6.25	A	100	100	99.4
			B	100	100	
			C	100	98	
			D	100	99	
			E	100	100	
3/6/2013	MdRH-B-1 Back Harbor Basin D Saltwater	12.5	A	100	100	99.4
			B	100	99	
			C	100	100	
			D	100	98	
			E	100	100	
3/6/2013	MdRH-B-1 Back Harbor Basin D Saltwater	25	A	100	97	99.2
			B	100	99	
			C	100	100	
			D	100	100	
			E	100	100	
3/6/2013	MdRH-B-1 Back Harbor Basin D Saltwater	50	A	100	97	98.4
			B	100	99	
			C	100	100	
			D	100	98	
			E	100	98	
3/6/2013	MdRH-B-1 Back Harbor Basin D Saltwater	100	A	100	97	97.8
			B	100	96	
			C	100	100	
			D	100	100	
			E	100	96	
3/6/2013	MdRH-B-1 Back Harbor Basin D Saltwater	Laboratory Control	A	100	97	98.0
			B	100	99	
			C	100	96	
			D	100	99	
			E	100	99	
3/6/2013	MdRH-B-2 Back Harbor Basin E Saltwater	6.25	A	100	98	98.8
			B	100	99	
			C	100	99	
			D	100	99	
			E	100	99	
3/6/2013	MdRH-B-2 Back Harbor Basin E Saltwater	12.5	A	100	96	98.2
			B	100	99	
			C	100	98	
			D	100	99	
			E	100	99	
3/6/2013	MdRH-B-2 Back Harbor Basin E Saltwater	25	A	100	98	98.2
			B	100	97	
			C	100	98	
			D	100	100	
			E	100	98	
3/6/2013	MdRH-B-2 Back Harbor Basin E Saltwater	50	A	100	100	98.8
			B	100	99	
			C	100	100	
			D	100	97	
			E	100	98	
3/6/2013	MdRH-B-2 Back Harbor Basin E Saltwater	100	A	100	100	98.6
			B	100	98	
			C	100	99	
			D	100	100	
			E	100	96	
3/6/2013	MdRH-B-2 Back Harbor Basin E Saltwater	Laboratory Control	A	100	96	98.0
			B	100	100	
			C	100	98	
			D	100	98	
			E	100	98	

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2012-2013
Strongylocentrotus purpuratus Fertilization (20-Minute Gamete)

SEMIANNUAL SUMMARY REPORT: March 2013
DRY WEATHER

Sample Date	Station Information	Percent Sample	Replicate	Number Counted	Percent Fertilized	Mean Percent Fertilization
3/6/2013	MdRH-B-3 Back Harbor Basin F Saltwater	6.25	A	100	100	96.2
			B	100	98	
			C	100	96	
			D	100	91	
			E	100	96	
3/6/2013	MdRH-B-3 Back Harbor Basin F Saltwater	12.5	A	100	98	97.6
			B	100	97	
			C	100	97	
			D	100	98	
			E	100	98	
3/6/2013	MdRH-B-3 Back Harbor Basin F Saltwater	25	A	100	97	96.4
			B	100	97	
			C	100	97	
			D	100	97	
			E	100	94	
3/6/2013	MdRH-B-3 Back Harbor Basin F Saltwater	50	A	100	97	97.6
			B	100	98	
			C	100	98	
			D	100	99	
			E	100	96	
3/6/2013	MdRH-B-3 Back Harbor Basin F Saltwater	100	A	100	98	96.0
			B	100	91	
			C	100	93	
			D	100	99	
			E	100	99	
3/6/2013	MdRH-B-3 Back Harbor Basin F Saltwater	Laboratory Control	A	100	98	97.6
			B	100	97	
			C	100	96	
			D	100	100	
			E	100	97	
3/6/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	6.25	A	100	95	95.0
			B	100	95	
			C	100	96	
			D	100	95	
			E	100	94	
3/6/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	12.5	A	100	99	97.0
			B	100	97	
			C	100	97	
			D	100	97	
			E	100	95	
3/6/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	25	A	100	95	93.8
			B	100	93	
			C	100	91	
			D	100	98	
			E	100	92	
3/6/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	50	A	100	95	95.4
			B	100	96	
			C	100	94	
			D	100	97	
			E	100	95	
3/6/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	100	A	100	95	96.0
			B	100	99	
			C	100	97	
			D	100	93	
			E	100	96	
3/6/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	Laboratory Control	A	100	99	92.2
			B	100	88	
			C	100	93	
			D	100	94	
			E	100	87	

Annual Report: Fish and Mussel Tissue Quality Data

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Dry-Weather Ambient Monitoring - Annual Bioaccumulation Monitoring
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DRY WEATHER

Sample Date	Station Information	Sample Information	Organics	Units	MDL	Reporting Limit	TMDL Limit [1]	Concentration
10/17/2012	MdRH-B-1	California halibut Rep #1	Lipids	percent	0.10	0.10	NL	**0.17**
		Paralichthys californicus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**17**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**17**
10/17/2012	MdRH-B-1	California halibut Rep #2	Lipids	percent	0.10	0.10	NL	**0.20**
		Paralichthys californicus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**17**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**17**
10/17/2012	MdRH-B-1	California halibut Rep #3	Lipids	percent	0.10	0.10	NL	**0.27**
		Paralichthys californicus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**30**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**30**
10/17/2012	MdRH-B-1	White croaker Rep #1	Lipids	percent	0.10	0.10	NL	**2.2**
		Genyonemus lineatus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**58**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**58**
10/17/2012	MdRH-B-1	White croaker Rep #2	Lipids	percent	0.10	0.10	NL	**0.94**
		Genyonemus lineatus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**35**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**35**

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Sample Date	Station Information	Sample Information	Organics	Units	MDL	Reporting Limit	TMDL Limit [1]	Concentration
10/17/2012	MdRH-B-1	Mussel Rep #1	Lipids	percent	0.10	0.10	NL	**1.8**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**56**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**56**
10/17/2012	MdRH-B-1	Mussel Rep #2	Lipids	percent	0.10	0.10	NL	**1.7**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**63**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**63**
10/17/2012	MdRH-B-1	Mussel Rep #3	Lipids	percent	0.10	0.10	NL	**0.84**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**30**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**30**
10/17/2012	MdRH-B-1	Mussel Rep #4	Lipids	percent	0.10	0.10	NL	**1.0**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**29**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**29**
10/17/2012	MdRH-B-1	Mussel Rep #5	Lipids	percent	0.10	0.10	NL	**0.51**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**19**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**19**

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Sample Date	Station Information	Sample Information	Organics	Units	MDL	Reporting Limit	TMDL Limit [1]	Concentration
10/17/2012	MdRH-B-2	California halibut Rep #1	Lipids	percent	0.10	0.10	NL	**0.18**
		Paralichthys californicus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**28**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**28**
10/17/2012	MdRH-B-2	California halibut Rep #2	Lipids	percent	0.10	0.10	NL	**0.16**
		Paralichthys californicus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**27**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**27**
10/17/2012	MdRH-B-2	White croaker Rep #1	Lipids	percent	0.10	0.10	NL	**1.1**
		Genyonemus lineatus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**34**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**34**
10/17/2012	MdRH-B-2	White croaker Rep #2	Lipids	percent	0.10	0.10	NL	**2.2**
		Genyonemus lineatus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**50**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**50**
10/17/2012	MdRH-B-2	White croaker Rep #3	Lipids	percent	0.10	0.10	NL	**2.1**
		Genyonemus lineatus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**52**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**52**

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Sample Date	Station Information	Sample Information	Organics	Units	MDL	Reporting Limit	TMDL Limit [1]	Concentration
10/17/2012	MdRH-B-2	Mussel Rep #1	Lipids	percent	0.10	0.10	NL	**0.53**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**36**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**36**
10/17/2012	MdRH-B-2	Mussel Rep #2	Lipids	percent	0.10	0.10	NL	**0.74**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**39**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**39**
10/17/2012	MdRH-B-2	Mussel Rep #3	Lipids	percent	0.10	0.10	NL	**1.1**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**42**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**42**
10/17/2012	MdRH-B-2	Mussel Rep #4	Lipids	percent	0.10	0.10	NL	**1.3**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**49**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**49**
10/17/2012	MdRH-B-2	Mussel Rep #5	Lipids	percent	0.10	0.10	NL	**0.62**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**24**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**24**

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Sample Date	Station Information	Sample Information	Organics	Units	MDL	Reporting Limit	TMDL Limit [1]	Concentration
10/17/2012	MdRH-B-3	California halibut Rep #1	Lipids	percent	0.10	0.10	NL	**0.29**
		Paralichthys californicus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**34**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**34**
10/17/2012	MdRH-B-3	California halibut Rep #2	Lipids	percent	0.10	0.10	NL	**0.18**
		Paralichthys californicus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**25**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**25**
10/17/2012	MdRH-B-3	California halibut Rep #3	Lipids	percent	0.10	0.10	NL	**0.16**
		Paralichthys californicus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**27**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**27**
10/17/2012	MdRH-B-3	White croaker Rep #1	Lipids	percent	0.10	0.10	NL	**1.7**
		Genyonemus lineatus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**39**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**39**
10/17/2012	MdRH-B-3	White croaker Rep #2	Lipids	percent	0.10	0.10	NL	**2.6**
		Genyonemus lineatus	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**33**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**33**

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Ambient Monitoring - Annual Bioaccumulation Monitoring
2012 - 2013

ANNUAL SUMMARY REPORT: October 2012
DRY WEATHER

Sample Date	Station Information	Sample Information	Organics	Units	MDL	Reporting Limit	TMDL Limit [1]	Concentration
10/17/2012	MdRH-B-3	Mussel Rep #1	Lipids	percent	0.10	0.10	NL	**1.3**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**65**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**65**
10/17/2012	MdRH-B-3	Mussel Rep #2	Lipids	percent	0.10	0.10	NL	**0.77**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**43**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**43**
10/17/2012	MdRH-B-3	Mussel Rep #3	Lipids	percent	0.10	0.10	NL	**0.64**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**43**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**43**
10/17/2012	MdRH-B-3	Mussel Rep #4	Lipids	percent	0.10	0.10	NL	**1.2**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**44**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**44**
10/17/2012	MdRH-B-3	Mussel Rep #5	Lipids	percent	0.10	0.10	NL	**0.92**
		Mytilus galloprovincialis	Aroclor 1016	µg/Kg	2.9	10	5.3	ND
		Whole body (without shell)	Aroclor 1221	µg/Kg	7.2	25	5.3	ND
			Aroclor 1232	µg/Kg	2.1	10	5.3	ND
			Aroclor 1242	µg/Kg	1.9	10	5.3	ND
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**45**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Total PCBs	µg/Kg	2.9	10	5.3	**45**

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Ambient Monitoring - Annual Bioaccumulation Monitoring
2012 - 2013

ANNUAL SUMMARY REPORT: October 2012 DRY WEATHER								
Sample Date	**Station Information**	**Sample Information**	**Organics**	**Units**	**MDL**	**Reporting Limit**	**TMDL Limit [1]**	**Concentration**

Notes:

Detections are indicated in **bold**

MDL - Method Detection Limit

µg/Kg - microgram per kilogram, wet weight basis

ND - Analyte not detected at or above the method detection limit

NL - No limit listed in TMDL

Reporting Limit - lowest concentration for which quantitative data are reported

TMDL Limit - Numeric Target specified by the MDR Harbor Toxics TMDL

[1] TMDL Limit of 5.3 µg/kg for PCBs is for Total PCBs

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Monitoring Locations

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Marina del Rey Harbor Toxic Pollutants TMDL Coordinated Monitoring Plan Location Map

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Laboratory Certifications

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CDPH
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CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

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Garden Grove, CA 92841-1427

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2803**

Expiration Date: **6/30/2014**

Effective Date: **6/12/2012**

Richmond, California
subject to forfeiture or revocation

David Mazzera, Ph.D., Assistant Division Chief
Division of Drinking Water and Environmental Management

NELAP - RECOGNIZED

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Certificate No.: **03220CA**

Expiration Date: **9/30/2012**

Effective Date: **10/1/2011**

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George C. Kulasingam, Ph.D., Chief
Environmental Laboratory Accreditation Program Branch

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Certificate No.: **03220CA**

Expiration Date: **9/30/2013**

Effective Date: **10/1/2012**

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Fred Chaske for
David Mazzera, Ph.D., Assistant Division Chief
Division of Drinking Water and Environmental Management

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SAN DIEGO AQUATIC & TERRESTRIAL TOXICOLOGY LABORATORY

5550 MOREHOUSE DRIVE, SUITE 150

SAN DIEGO, CA 92121

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George C. Kulasingam, Ph.D., Chief
Environmental Laboratory Accreditation Program Branch

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ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Nautilus Environmental, LLC

San Diego Aquatic & Terrestrial Toxicology Laboratory

4340 Vandever Avenue

San Diego, CA 92120

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1802**

Expiration Date: **09/30/2014**

Effective Date: **10/01/2012**

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Fred Chosle for
David Mazzera, Ph.D., Assistant Division Chief
Division of Drinking Water and Environmental Management

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