EXHIBIT 5 OF ATTACHMENT J

MARINA DEL REY HARBOR
TOXIC POLLUTANTS TMDL
COORDINATED MONITORING PLAN REPORT

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

AMBIENT MONITORING RESULTS
August 2013 to July 2014

Prepared for the County of Los Angeles, City of Los Angeles, City of Culver City, and the State of California through its Department of Transportation (Caltrans).

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
2013 - 2014

MONTHLY SUMMARY REPORT: August 2013
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
8/27/2013	MdRH-B-1 Back Harbor Basin D Saltwater	**4,900**	Copper	µg/L	0.00898	0.0300	0.50	**8.67**	**6.82**
			Lead	µg/L	0.0135	0.0300	0.50	**0.390**	**0.142**
			Zinc	µg/L	0.0736	0.500	1.00	**31.3**	**32.7** [1]
8/27/2013	MdRH-B-2 Back Harbor Basin E Saltwater	**5,700**	Copper	µg/L	0.00898	0.0300	0.50	**7.10**	**5.13**
			Lead	µg/L	0.0135	0.0300	0.50	**0.594**	**0.202**
			Zinc	µg/L	0.0736	0.500	1.00	**35.3**	**36.1** [1]
8/27/2013	MdRH-B-3 Back Harbor Basin F Saltwater	**5,600**	Copper	µg/L	0.00898	0.0300	0.50	**7.14**	**4.70**
			Lead	µg/L	0.0135	0.0300	0.50	**0.505**	**0.123**
			Zinc	µg/L	0.0736	0.500	1.00	**25.2**	**23.5**
8/27/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**4,900**	Copper	µg/L	0.00898	0.0300	0.50	**7.59**	**5.61**
			Lead	µg/L	0.0135	0.0300	0.50	**0.409**	**0.132**
			Zinc	µg/L	0.0736	0.500	1.00	**26.1**	**25.8**
8/27/2013	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**7.55**	**4.76**
8/27/2013	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.87**	**8.12**
8/27/2013	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**10.7**	**8.12**
8/27/2013	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**6.51**	**4.89**
8/27/2013	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**6.87**	**4.78**

Notes:
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Hardness reporting limit is 20 mg/L
mg/L - milligram per liter
µg/L - microgram per liter
[1] Total and dissolved zinc concentrations for each sample are very similar showing that the zinc is primarily in the dissolved form. Due to sampling and analytical variability, the dissolved zinc concentrations occasionally exceed total zinc concentrations. The data are considered valid and are within method tolerance limits.

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013 - 2014

MONTHLY SUMMARY REPORT: September 2013
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
9/26/2013	MdRH-B-1 Back Harbor Basin D Saltwater	**5,900**	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	**15.7** **0.442** **45.4**	**10.9** **0.0415** **37.9**
9/26/2013	MdRH-B-2 Back Harbor Basin E 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	**12.8** **0.388** **39.5**	**10.3** **0.110** **41.5** [1]
9/26/2013	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	**12.0** **0.508** **33.7**	**8.45** **0.123** **30.3**
9/26/2013	MdRH-B-4 Back Harbor Basin - End of Channel 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	**14.6** **1.27** **38.5**	**11.0** **0.137** **36.1**
9/26/2013	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**14.3**	**10.7**
9/26/2013	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**12.8**	**8.14**
9/26/2013	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**13.6**	**10.4**
9/26/2013	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**8.65**	**6.11**
9/26/2013	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.28**	**5.33**

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013 - 2014

MONTHLY SUMMARY REPORT: October 2013
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
10/10/2013	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	**14.6** **0.771** **50.6**	**9.37** **0.108** **43.4**
10/10/2013	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	**14.0** **0.782** **54.6**	**9.51** **0.125** **53.9**
10/10/2013	MdRH-B-3 Back Harbor Basin F Saltwater	**5,800**	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	**10.3** **0.745** **36.9**	**6.53** **0.0969** **31.4**
10/10/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**5,800**	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	**9.53** **0.719** **38.3**	**6.58** **0.120** **34.3**
10/10/2013	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**10.5**	**6.12**
10/10/2013	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**11.0**	**6.52**
10/10/2013	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**14.5**	**10.3**
10/10/2013	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.94**	**4.76**
10/10/2013	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**8.27**	**5.13**

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013 - 2014

MONTHLY SUMMARY REPORT: November 2013
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
11/26/2013	MdRH-B-1	**6,000**	Copper	µg/L	0.0449	0.150	0.50	**27.3**	--[1]
	Back Harbor		Copper	µg/L	0.00898	0.0300	0.50	--	**18.4**
	Basin D		Lead	µg/L	0.0135	0.0300	0.50	**0.551**	**0.131**
	Saltwater		Zinc	µg/L	0.368	2.50	1.00	**88.1**	--
			Zinc	µg/L	0.0736	0.500	1.00	--	**69.0**
11/26/2013	MdRH-B-2	**4,900**	Copper	µg/L	0.00898	0.0300	0.50	**16.8**	**12.1**
	Back Harbor		Lead	µg/L	0.0135	0.0300	0.50	**0.551**	**0.272**
	Basin E		Zinc	µg/L	0.0736	0.500	1.00	**53.6**	**51.2**
	Saltwater								
11/26/2013	MdRH-B-3	**5,200**	Copper	µg/L	0.00898	0.0300	0.50	**14.2**	**9.48**
	Back Harbor		Lead	µg/L	0.0135	0.0300	0.50	**0.539**	**0.0793**
	Basin F		Zinc	µg/L	0.0736	0.500	1.00	**42.4**	**33.7**
	Saltwater								
11/26/2013	MdRH-B-4	**5,200**	Copper	µg/L	0.00898	0.0300	0.50	**17.8**	**13.8**
	Back Harbor		Lead	µg/L	0.0135	0.0300	0.50	**0.418**	**0.120**
	Basin - End of Channel		Zinc	µg/L	0.0736	0.500	1.00	**52.2**	**54.4** [2]
	Saltwater								
11/26/2013	MdRH-F-1	NA	Copper	µg/L	0.00898	0.0300	0.50	**14.8**	**10.2**
	Front Harbor								
	Basin A								
	Saltwater								
11/26/2013	MdRH-F-2	NA	Copper	µg/L	0.00898	0.0300	0.50	**15.1**	**11.0**
	Front Harbor								
	Basin B								
	Saltwater								
11/26/2013	MdRH-F-3	NA	Copper	µg/L	0.0449	0.150	0.50	**26.0**	**14.6**
	Front Harbor								
	Basin C								
	Saltwater								
11/26/2013	MdRH-F-4	NA	Copper	µg/L	0.00898	0.0300	0.50	**11.8**	**5.96**
	Front Harbor								
	Basin G								
	Saltwater								
11/26/2013	MdRH-F-5	NA	Copper	µg/L	0.00898	0.0300	0.50	**12.7**	**8.60**
	Front Harbor								
	Basin H								
	Saltwater								

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[1] "--" - Results for Total Recoverable and Dissolved Concentrations for this metal are presented on separate lines due to different MDLs and RLs

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013 - 2014

MONTHLY SUMMARY REPORT: December 2013
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
12/17/2013	MdRH-B-1 Back Harbor Basin D Saltwater	**5,300**	Copper Lead Zinc	µg/L µg/L µg/L	0.0898 0.0135 0.0736	0.300 0.0300 0.500	0.50 0.50 0.50	**34.2** **0.436** **90.9**	**26.5** **0.146** **86.4**
12/17/2013	MdRH-B-2 Back Harbor Basin E Saltwater	**5,100**	Copper Lead Zinc	µg/L µg/L µg/L	0.0898 0.0135 0.0736	0.300 0.0300 0.500	0.50 0.50 1.00	**32.6** **0.477** **86.5**	**25.0** **0.150** **90.4** [2]
12/17/2013	MdRH-B-3 Back Harbor Basin F Saltwater	**5,400**	Copper Copper Lead Zinc	µg/L µg/L µg/L µg/L	0.0898 0.00898 0.0135 0.0736	0.300 0.0300 0.0300 0.500	0.50 0.50 0.50 1.00	**26.2** -- **0.618** **69.1**	--[1] **16.4** **0.163** **61.3**
12/17/2013	MdRH-B-4 Back Harbor Basin - End of Channel 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	**12.4** **0.462** **44.2**	**10.8** **0.154** **47.0** [2]
12/17/2013	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**17.8**	**14.7**
12/17/2013	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.0898	0.300	0.50	**27.4**	**19.0**
12/17/2013	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**19.4**	**17.1**
12/17/2013	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**14.0**	**11.2**
12/17/2013	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**12.1**	**6.55**

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013 - 2014

MONTHLY SUMMARY REPORT: January 2014
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
1/14/2014	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 0.50	**16.5** **0.924** **86.7**	**12.1** **0.337** **78.0**
1/14/2014	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	**24.9** **0.650** **142**	**14.9** **0.254** **102**
1/14/2014	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	**18.3** **1.22** **83.7**	**8.98** **0.365** **57.3**
1/14/2014	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	**18.2** **1.29** **84.2**	**8.86** **0.377** **58.4**
1/14/2014	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**14.5**	**7.31**
1/14/2014	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**13.9**	**7.34**
1/14/2014	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**22.4**	**11.0**
1/14/2014	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**16.4**	**8.11**
1/14/2014	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**16.5**	**6.96**

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013 - 2014

MONTHLY SUMMARY REPORT: February 2014
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
2/12/2014	MdRH-B-1 Back Harbor Basin D Saltwater	**5,400**	Copper	µg/L	0.00898	0.0300	0.50	**11.4**	**10.6**
			Lead	µg/L	0.0135	0.0300	0.50	**0.671**	**0.482**
			Zinc	µg/L	0.0736	0.500	1.00	**68.3**	**72.8** [1]
2/12/2014	MdRH-B-2 Back Harbor Basin E Saltwater	**5,000**	Copper	µg/L	0.00898	0.0300	0.50	**12.2**	**11.4**
			Lead	µg/L	0.0135	0.0300	0.50	**0.533**	**0.382**
			Zinc	µg/L	0.0736	0.500	1.00	**71.8**	**76.3** [1]
2/12/2014	MdRH-B-3 Back Harbor Basin F Saltwater	**4,900**	Copper	µg/L	0.00898	0.0300	0.50	**6.48**	**5.65**
			Lead	µg/L	0.0135	0.0300	0.50	**0.877**	**0.627**
			Zinc	µg/L	0.0736	0.500	1.00	**40.7**	**42.7** [1]
2/12/2014	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**4,700**	Copper	µg/L	0.00898	0.0300	0.50	**12.6**	**6.48**
			Lead	µg/L	0.0135	0.0300	0.50	**1.17**	**0.550**
			Zinc	µg/L	0.0736	0.500	1.00	**72.0**	**49.6**
2/12/2014	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**10.8**	**6.61**
2/12/2014	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**13.2**	**7.07**
2/12/2014	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**14.9**	**8.25**
2/12/2014	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**11.5**	**3.92**
2/12/2014	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**8.13**	**3.35**

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
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2013 - 2014

MONTHLY SUMMARY REPORT: March 2014
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
3/6/2014	MdRH-B-1 Back Harbor Basin D Saltwater	**5,500**	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	**9.25** **0.404** **27.9**	**7.06** **0.114** **27.7**
3/6/2014	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	**8.97** **0.476** **27.4**	**6.36** **0.104** **28.3** [1]
3/6/2014	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	**7.81** **0.673** **22.9**	**4.36** **0.0884** **19.0**
3/6/2014	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**4,400**	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	**7.49** **0.417** **23.7**	**5.88** **0.119** **23.7**
3/6/2014	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**8.54**	**2.02**
3/6/2014	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**8.62**	**6.70**
3/6/2014	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.12**	**7.32**
3/6/2014	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**4.46**	**2.60**
3/6/2014	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**5.23**	**2.77**

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

Hardness reporting limit is 20 mg/L

mg/L - milligram per liter

µg/L - microgram per liter

[1] Total and dissolved zinc concentrations for each sample are very similar showing that the zinc is primarily in the dissolved form. Due to sampling and analytical variability, the dissolved zinc concentrations occasionally exceed total zinc concentrations. The data are considered valid and are within method tolerance limits.

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013 - 2014

MONTHLY SUMMARY REPORT: April 2014
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
4/10/2014	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	**12.9** **0.824** **48.4**	**7.63** **0.122** **43.6**
4/10/2014	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	**14.0** **0.407** **54.3**	**10.2** **0.0988** **51.8**
4/10/2014	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	**9.74** **0.843** **37.0**	**5.76** **0.103** **33.4**
4/10/2014	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	**13.8** **0.744** **47.5**	**9.91** **0.204** **43.4**
4/10/2014	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.60**	**6.36**
4/10/2014	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**11.7**	**8.26**
4/10/2014	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**12.3**	**9.83**
4/10/2014	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**7.98**	**5.13**
4/10/2014	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**8.68**	**4.71**

Notes:
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- NA - Not analyzed
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- Reporting Limit - Lowest concentration for which quantitative data are reported
- Hardness reporting limit is 20 mg/L
- 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
2013 - 2014

MONTHLY SUMMARY REPORT: May 2014
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
5/9/2014	MdRH-B-1	**4,900**	Copper	µg/L	0.180	0.600	0.50	**21.1**	--[1]
	Back Harbor		Copper	µg/L	0.00898	0.0300	0.50	--	**6.95**
	Basin D		Lead	µg/L	0.0135	0.0300	0.50	**1.97**	**0.212**
	Saltwater		Lead	µg/L	0.0736	0.500	0.50	**53.1**	**47.2**
5/9/2014	MdRH-B-2	**4,900**	Copper	µg/L	0.00898	0.0300	0.50	**9.06**	**3.97**
	Back Harbor		Lead	µg/L	0.0135	0.0300	0.50	**1.11**	**0.116**
	Basin E		Zinc	µg/L	0.0736	0.500	1.00	**33.0**	**28.5**
	Saltwater								
5/9/2014	MdRH-B-3	**4,900**	Copper	µg/L	0.00898	0.0300	0.50	**9.43**	**5.71**
	Back Harbor		Lead	µg/L	0.0135	0.0300	0.50	**0.888**	**0.143**
	Basin F		Zinc	µg/L	0.0736	0.500	1.00	**40.4**	**44.1** [2]
	Saltwater								
5/9/2014	MdRH-B-4	**4,800**	Copper	µg/L	0.00898	0.0300	0.50	**11.2**	**7.55**
	Back Harbor		Lead	µg/L	0.0135	0.0300	0.50	**0.743**	**0.159**
	Basin - End of Channel		Zinc	µg/L	0.0736	0.500	1.00	**43.6**	**41.8**
	Saltwater								
5/9/2014	MdRH-F-1	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.42**	**8.12**
	Front Harbor								
	Basin A								
	Saltwater								
5/9/2014	MdRH-F-2	NA	Copper	µg/L	0.00898	0.0300	0.50	**6.51**	**5.30**
	Front Harbor								
	Basin B								
	Saltwater								
5/9/2014	MdRH-F-3	NA	Copper	µg/L	0.00898	0.0300	0.50	**11.3**	**9.69**
	Front Harbor								
	Basin C								
	Saltwater								
5/9/2014	MdRH-F-4	NA	Copper	µg/L	0.00898	0.0300	0.50	**6.29**	**1.57**
	Front Harbor								
	Basin G								
	Saltwater								
5/9/2014	MdRH-F-5	NA	Copper	µg/L	0.00898	0.0300	0.50	**6.42**	**4.17**
	Front Harbor								
	Basin H								
	Saltwater								

Notes:

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Reporting Limit - Lowest concentration for which quantitative data are reported

[1] "--" - Results for Total Recoverable and Dissolved Concentrations for this metal are presented on separate lines due to different MDLs and RLs

Hardness reporting limit is 20 mg/L

mg/L - milligram per liter

µg/L - microgram per liter

[2] Total and dissolved zinc concentrations for each sample are very similar showing that the zinc is primarily in the dissolved form. Due to sampling and analytical variability, the dissolved zinc concentrations occasionally exceed total zinc concentrations. The data are considered valid and are within method tolerance limits.

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013 - 2014

MONTHLY SUMMARY REPORT: June 2014
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
6/12/2014	MdRH-B-1	**5,700**	Copper	µg/L	0.0898	0.300	0.50	**9.12**	--[1]
	Back Harbor		Copper	µg/L	0.00898	0.0300	0.50	--	**4.71**
	Basin D		Lead	µg/L	0.135	0.300	0.50	**0.879**	**--**
	Saltwater		Lead	µg/L	0.0135	0.0300	0.50	--	**0.103**
			Zinc	µg/L	0.736	5.00	1.00	**37.2**	**--**
			Zinc	µg/L	0.0736	0.500	1.00	--	**26**
6/12/2014	MdRH-B-2	**5,000**	Copper	µg/L	0.0898	0.300	0.50	**8.56**	--
	Back Harbor		Copper	µg/L	0.00898	0.0300	0.50	--	**5.67**
	Basin E		Lead	µg/L	0.135	0.300	0.50	**0.424**	--
	Saltwater		Lead	µg/L	0.0135	0.0300	0.50	--	**0.0446**
			Zinc	µg/L	0.736	5.00	1.00	**39.4**	--
			Zinc	µg/L	0.0736	0.500	1.00	--	**29.6**
6/12/2014	MdRH-B-3	**5,300**	Copper	µg/L	0.0898	0.300	0.50	**7.43**	**3.27**
	Back Harbor		Lead	µg/L	0.135	0.300	0.50	**0.699**	ND
	Basin F		Zinc	µg/L	0.736	5.00	1.00	**28.4**	**22.0**
	Saltwater								
6/12/2014	MdRH-B-4	**5,300**	Copper	µg/L	0.0898	0.300	0.50	**6.27**	--
	Back Harbor		Copper	µg/L	0.00898	0.0300	0.50	--	**3.31**
	Basin - End of Channel		Lead	µg/L	0.135	0.300	0.50	**0.759**	--
	Saltwater		Lead	µg/L	0.0135	0.0300	0.50	--	**0.106**
			Zinc	µg/L	0.736	5.00	1.00	**25.1**	--
			Zinc	µg/L	0.0736	0.500	1.00	--	**19.7**
6/12/2014	MdRH-F-1	NA	Copper	µg/L	0.0898	0.300	0.50	**7.45**	**6.67**
	Front Harbor								
	Basin A								
	Saltwater								
6/12/2014	MdRH-F-2	NA	Copper	µg/L	0.0898	0.300	0.50	**7.19**	--
	Front Harbor		Copper	µg/L	0.00898	0.0300	0.50	--	**4.05**
	Basin B								
	Saltwater								
6/12/2014	MdRH-F-3	NA	Copper	µg/L	0.0898	0.300	0.50	**6.05**	**4.19**
	Front Harbor								
	Basin C								
	Saltwater								
6/12/2014	MdRH-F-4	NA	Copper	µg/L	0.0898	0.300	0.50	**4.65**	**2.87**
	Front Harbor								
	Basin G								
	Saltwater								
6/12/2014	MdRH-F-5	NA	Copper	µg/L	0.00898	0.0300	0.50	**5.75**	**3.03**
	Front Harbor								
	Basin H								
	Saltwater								

Notes:

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Hardness reporting limit is 20 mg/L

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
2013 - 2014

MONTHLY SUMMARY REPORT: July 2014
DRY WEATHER

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	ML	Total Recoverable Concentration	Dissolved Concentration
7/1/2014	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	**12.0** **0.935** **47.0**	**8.19** **0.0568** **41.6**
7/1/2014	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	**13.2** **0.790** **56.6**	**9.73** **0.0355** **49.7**
7/1/2014	MdRH-B-3 Back Harbor Basin F 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	**9.68** **0.736** **34.2**	**6.63** **0.0530** **30.8**
7/1/2014	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	**5,500**	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	**9.23** **0.861** **36.4**	**6.32** **0.0471** **32.6**
7/1/2014	MdRH-F-1 Front Harbor Basin A Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**9.60**	**6.83**
7/1/2014	MdRH-F-2 Front Harbor Basin B Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**10.5**	**7.26**
7/1/2014	MdRH-F-3 Front Harbor Basin C Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**10.5**	**3.11**
7/1/2014	MdRH-F-4 Front Harbor Basin G Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**7.85**	**5.86**
7/1/2014	MdRH-F-5 Front Harbor Basin H Saltwater	NA	Copper	µg/L	0.00898	0.0300	0.50	**6.72**	**4.91**

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- µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: August 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
8/27/2013	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
8/27/2013	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
8/27/2013	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
8/27/2013	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**

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

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: September 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
9/26/2013	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
9/26/2013	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
9/26/2013	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
9/26/2013	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**

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

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: October 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
10/10/2013	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
10/10/2013	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
10/10/2013	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
10/10/2013	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

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Reporting Limit - Lowest concentration for which quantitative data are reported

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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
2013-2014

MONTHLY SUMMARY REPORT: November 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
11/26/2013	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
11/26/2013	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
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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
11/26/2013	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
11/26/2013	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

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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
2013-2014

MONTHLY SUMMARY REPORT: December 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
12/17/2013	MdRH-B-1	Chlordane	µg/L	0.012	0.099	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.099	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.099	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.099	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.099	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.099	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.099	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.099	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.099	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.099	0.50	0.03	ND
12/17/2013	MdRH-B-2	Chlordane	µg/L	0.012	0.098	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.098	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.025	0.098	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.098	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.098	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.098	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.098	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.098	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.098	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.098	0.50	0.03	ND
12/17/2013	MdRH-B-3	Chlordane	µg/L	0.012	0.098	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.098	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.098	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.098	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.098	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.098	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.098	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.098	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.098	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.098	0.50	0.03	ND
12/17/2013	MdRH-B-4	Chlordane	µg/L	0.012	0.096	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.096	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.024	0.096	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.096	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.096	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.096	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.096	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.096	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.096	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.096	0.50	0.03	ND

Notes:

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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
2013-2014

MONTHLY SUMMARY REPORT: January 2014
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
1/14/2014	MdRH-B-1	Chlordane	µg/L	0.012	0.097	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.097	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.024	0.097	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.097	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.097	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.097	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.097	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.097	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.097	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.097	0.50	0.03	ND
1/14/2014	MdRH-B-2	Chlordane	µg/L	0.012	0.096	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.096	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.024	0.096	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.096	0.50	0.03	ND
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		Aroclor 1260	µg/L	0.013	0.096	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.096	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.096	0.50	0.03	ND
1/14/2014	MdRH-B-3	Chlordane	µg/L	0.012	0.097	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.097	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.024	0.097	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.097	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.097	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.097	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.097	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.097	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.097	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.097	0.50	0.03	ND
1/14/2014	MdRH-B-4	Chlordane	µg/L	0.012	0.097	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.097	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.024	0.097	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.097	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.097	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.097	0.50	0.03	ND
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		Aroclor 1260	µg/L	0.013	0.097	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.097	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.097	0.50	0.03	ND

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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
2013-2014

MONTHLY SUMMARY REPORT: February 2014
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
2/12/2014	MdRH-B-1	Chlordane	µg/L	0.012	0.096	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.096	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.024	0.096	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.096	0.50	0.03	ND
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		Aroclor 1260	µg/L	0.013	0.096	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.096	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.096	0.50	0.03	ND
2/12/2014	MdRH-B-2	Chlordane	µg/L	0.012	0.096	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.096	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.024	0.096	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.096	0.50	0.03	ND
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		Aroclor 1262	µg/L	0.015	0.096	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.096	0.50	0.03	ND
2/12/2014	MdRH-B-3	Chlordane	µg/L	0.012	0.097	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.097	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.024	0.097	0.50	0.03	ND
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		Aroclor 1262	µg/L	0.015	0.097	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.097	0.50	0.03	ND
2/12/2014	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

µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: March 2014
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
3/6/2014	MdRH-B-1	Chlordane	µg/L	0.012	0.096	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.096	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.024	0.096	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.096	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.096	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.096	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.096	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.096	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.096	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.096	0.50	0.03	ND
3/6/2014	MdRH-B-2	Chlordane	µg/L	0.012	0.096	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.096	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.024	0.096	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.096	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.096	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.096	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.096	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.096	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.096	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.096	0.50	0.03	ND
3/6/2014	MdRH-B-3	Chlordane	µg/L	0.012	0.097	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.097	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.097	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.097	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.097	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.097	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.097	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.097	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.097	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.097	0.50	0.03	ND
3/6/2014	MdRH-B-4	Chlordane	µg/L	0.012	0.095	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.095	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.024	0.095	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.095	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.095	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.095	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.095	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.095	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.095	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.095	0.50	0.03	ND

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Reporting Limit - Lowest concentration for which quantitative data are reported

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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
2013-2014

MONTHLY SUMMARY REPORT: April 2014
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
4/10/2014	MdRH-B-1	Chlordane	µg/L	0.012	0.098	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.098	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.098	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.098	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.098	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.098	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.098	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.098	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.098	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.098	0.50	0.03	ND
4/10/2014	MdRH-B-2	Chlordane	µg/L	0.012	0.096	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.096	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.024	0.096	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.096	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.096	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.096	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.096	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.096	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.096	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.096	0.50	0.03	ND
4/10/2014	MdRH-B-3	Chlordane	µg/L	0.012	0.099	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.099	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.099	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.099	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.099	0.50	0.03	ND
		Aroclor 1248	µg/L	0.018	0.099	0.50	0.03	ND
		Aroclor 1254	µg/L	0.024	0.099	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.099	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.099	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.099	0.50	0.03	ND
4/10/2014	MdRH-B-4	Chlordane	µg/L	0.012	0.097	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.097	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.097	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.097	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.097	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.097	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.097	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.097	0.50	0.03	ND
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		Total PCBs	µg/L	0.026	0.097	0.50	0.03	ND

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µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: May 2014
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
5/9/2014	MdRH-B-1	Chlordane	µg/L	0.012	0.097	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.097	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.097	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.097	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.097	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.097	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.097	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.097	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.097	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.097	0.50	0.03	ND
5/9/2014	MdRH-B-2	Chlordane	µg/L	0.012	0.095	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.095	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.024	0.095	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.095	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.095	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.095	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.095	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.095	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.095	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.095	0.50	0.03	ND
5/9/2014	MdRH-B-3	Chlordane	µg/L	0.012	0.098	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.098	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.025	0.098	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.098	0.50	0.03	ND
		Aroclor 1242	µg/L	0.027	0.098	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.098	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.098	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.098	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.098	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.098	0.50	0.03	ND
5/9/2014	MdRH-B-4	Chlordane	µg/L	0.012	0.095	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.095	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.024	0.095	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.095	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.095	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.095	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.095	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.095	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.095	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.095	0.50	0.03	ND

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µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: June 2014
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
6/12/2014	MdRH-B-1	Chlordane	µg/L	0.012	0.097	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.097	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.025	0.097	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.097	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.097	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.097	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.097	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.097	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.097	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.097	0.50	0.03	ND
6/12/2014	MdRH-B-2	Chlordane	µg/L	0.012	0.098	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.098	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.025	0.098	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.098	0.50	0.03	ND
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		Aroclor 1260	µg/L	0.013	0.098	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.098	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.098	0.50	0.03	ND
6/12/2014	MdRH-B-3	Chlordane	µg/L	0.012	0.096	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.096	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.024	0.096	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.096	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.096	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.096	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.096	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.096	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.096	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.096	0.50	0.03	ND
6/12/2014	MdRH-B-4	Chlordane	µg/L	0.012	0.097	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.097	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.097	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.097	0.50	0.03	ND
		Aroclor 1242	µg/L	0.026	0.097	0.50	0.03	ND
		Aroclor 1248	µg/L	0.017	0.097	0.50	0.03	ND
		Aroclor 1254	µg/L	0.023	0.097	0.50	0.03	ND
		Aroclor 1260	µg/L	0.013	0.097	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.097	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.097	0.50	0.03	ND

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µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Monthly Water Quality Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: July 2014
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	ML[1]	TMDL Limit [2]	Concentration
7/1/2014	MdRH-B-1	Chlordane	µg/L	0.012	0.095	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.095	0.50	0.03	ND
	Basin D	Aroclor 1221	µg/L	0.024	0.095	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.095	0.50	0.03	ND
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		Aroclor 1260	µg/L	0.013	0.095	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.095	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.095	0.50	0.03	ND
7/1/2014	MdRH-B-2	Chlordane	µg/L	0.012	0.097	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.097	0.50	0.03	ND
	Basin E	Aroclor 1221	µg/L	0.025	0.097	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.097	0.50	0.03	ND
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		Aroclor 1260	µg/L	0.013	0.097	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.097	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.097	0.50	0.03	ND
7/1/2014	MdRH-B-3	Chlordane	µg/L	0.012	0.096	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.096	0.50	0.03	ND
	Basin F	Aroclor 1221	µg/L	0.024	0.096	0.50	0.03	ND
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		Aroclor 1260	µg/L	0.013	0.096	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.096	0.50	0.03	ND
		Total PCBs	µg/L	0.026	0.096	0.50	0.03	ND
7/1/2014	MdRH-B-4	Chlordane	µg/L	0.012	0.099	0.10	NL	ND
	Back Harbor	Aroclor 1016	µg/L	0.013	0.099	0.50	0.03	ND
	Basin - End of Channel	Aroclor 1221	µg/L	0.025	0.099	0.50	0.03	ND
	Saltwater	Aroclor 1232	µg/L	0.015	0.099	0.50	0.03	ND
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		Aroclor 1260	µg/L	0.013	0.099	0.50	0.03	ND
		Aroclor 1262	µg/L	0.015	0.099	0.50	0.03	ND
		Total PCBs	µg/L	0.027	0.099	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

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
2013-2014

MONTHLY SUMMARY REPORT: November 2013
WET WEATHER - EVENT 1

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	Total Recoverable Concentration	Dissolved Concentration
11/22/2013	MdR-3 Washington Boulevard and Thatcher Avenue	**60**	Copper	µg/L	2.67	10.0	**96.8**	**75.5**
			Lead	µg/L	4.06	10.0	**7.31 J**	ND
			Zinc	µg/L	3.52	10.0	**756**	**621**
11/22/2013	MdR-4 Oxford Flood Control Basin	**120**	Copper	µg/L	2.67	10.0	**66.8**	**39.0**
			Lead	µg/L	4.06	10.0	**9.80 J**	ND
			Zinc	µg/L	3.52	10.0	**568**	**506**
11/22/2013	MdR-5 Boone-Olive Pump Station	**540**	Copper	µg/L	2.67	10.0	**58.9**	**34.9**
			Lead	µg/L	4.06	10.0	**9.08 J**	ND
			Zinc	µg/L	3.52	10.0	**286**	**185**
11/22/2013	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	**320**	Copper	µg/L	2.67	10.0	**9.90 J**	**4.66 J**
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	**83.3**	**69.9**
11/22/2013	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	**65**	Copper	µg/L	2.67	10.0	**56.4**	**55.7**
			Lead	µg/L	4.06	10.0	**6.59 J**	**5.62 J**
			Zinc	µg/L	3.52	10.0	**437**	**444**

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 Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000
- 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
2013-2014

MONTHLY SUMMARY REPORT: December 2013
WET WEATHER - EVENT 2

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	Total Recoverable Concentration	Dissolved Concentration
12/9/2013	MdR-3 Washington Boulevard and Thatcher Avenue	**37**	Copper	µg/L	2.67	10.0	**76.8**	**37.7**
			Lead	µg/L	4.06	10.0	**14.8**	ND
			Zinc	µg/L	3.52	10.0	**396**	**244**
12/9/2013	MdR-4 Oxford Flood Control Basin	**53**	Copper	µg/L	2.67	10.0	**56.8**	**36.4**
			Lead	µg/L	4.06	10.0	**8.22 J**	ND
			Zinc	µg/L	3.52	10.0	**301**	**258**
12/9/2013	MdR-5 Boone-Olive Pump Station	**870**	Copper	µg/L	2.67	10.0	**5.99 J**	**5.00 J**
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	**57.7**	**49.1**
12/9/2013	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	**310**	Copper	µg/L	2.67	10.0	**70.1 ****	**33.8**
			Lead	µg/L	4.06	10.0	**16.6 ****	ND
			Zinc	µg/L	3.52	10.0	**183 ****	**107**
12/9/2013	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	**320**	Copper	µg/L	2.67	10.0	**35.7**	**24.0**
			Lead	µg/L	4.06	10.0	**7.94 J**	ND
			Zinc	µg/L	3.52	10.0	**151**	**119**

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 Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000
- ND - Analyte not detected at or above the method detection limit
- Reporting Limit - Lowest concentration for which quantitative data are reported
- ** Sample results may have been affected by unusual amounts of soil and debris deposited near the monitoring equipment
- 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
2013-2014

MONTHLY SUMMARY REPORT: February 2014
WET WEATHER - EVENT 3

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	Total Recoverable Concentration	Dissolved Concentration
2/7/2014	MdR-3 Washington Boulevard and Thatcher Avenue	**44**	Copper	µg/L	2.67	10.0	**108**	**50.8**
			Lead	µg/L	4.06	10.0	**21.1**	ND
			Zinc	µg/L	3.52	10.0	**575**	**352**
2/7/2014	MdR-4 Oxford Flood Control Basin	**110**	Copper	µg/L	2.67	10.0	**107**	**30.5**
			Lead	µg/L	4.06	10.0	**14.5**	ND
			Zinc	µg/L	3.52	10.0	**471**	**194**
2/7/2014	MdR-5 Boone-Olive Pump Station	**900**	Copper	µg/L	2.67	10.0	ND	ND
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	**89.6**	**85.7**
2/7/2014	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	**110**	Copper	µg/L	2.67	10.0	**852 ****	**37.5**
			Lead	µg/L	4.06	10.0	**322 ****	ND
			Zinc	µg/L	3.52	10.0	**1770 ****	**80.6**
2/7/2014	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	**64**	Copper	µg/L	2.67	10.0	**121**	**56.4**
			Lead	µg/L	4.06	10.0	**50.0**	**10.8**
			Zinc	µg/L	3.52	10.0	**534**	**403**

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 Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000
- ND - Analyte not detected at or above the method detection limit
- Reporting Limit - Lowest concentration for which quantitative data are reported
- ** Sample results may have been affected by unusual amounts of soil and debris deposited near the monitoring equipment
- mg/L - milligram per liter
- µg/L - microgram per liter

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: March 2014
WET WEATHER - EVENT 4

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	Total Recoverable Concentration	Dissolved Concentration
3/3/2014	MdR-3 Washington Boulevard and Thatcher Avenue	**48**	Copper	µg/L	2.67	10.0	**22.4**	**15.5**
			Lead	µg/L	4.06	10.0	**7.65 J**	ND
			Zinc	µg/L	3.52	10.0	**213**	**135**
3/3/2014	MdR-4 Oxford Flood Control Basin	**90**	Copper	µg/L	2.67	10.0	**54**	**15.1**
			Lead	µg/L	4.06	10.0	**8.91 J**	ND
			Zinc	µg/L	3.52	10.0	**334**	**180**
3/3/2014	MdR-5 Boone-Olive Pump Station	**200**	Copper	µg/L	2.67	10.0	**23.8**	**5.60 J**
			Lead	µg/L	4.06	10.0	**6.01 J**	ND
			Zinc	µg/L	3.52	10.0	**140**	**49.1**
3/3/2014	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	**60**	Copper	µg/L	2.67	10.0	**30.3**	**27.9**
			Lead	µg/L	4.06	10.0	**5.06 J**	ND
			Zinc	µg/L	3.52	10.0	**90.1**	**103**
3/3/2014	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	**28**	Copper	µg/L	2.67	10.0	**30.9**	**18.1**
			Lead	µg/L	4.06	10.0	**11.3**	ND
			Zinc	µg/L	3.52	10.0	**142**	**69.2**

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 Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000
- ND - Analyte not detected at or above the method detection limit
- Reporting Limit - Lowest concentration for which quantitative data are reported
- mg/L - milligram per liter
- µg/L - microgram per liter
- J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: April 2014
WET WEATHER - EVENT 5

Sample Date	Station Information	Hardness (mg/L)	Metal	Units	MDL	Reporting Limit	Total Recoverable Concentration	Dissolved Concentration
4/2/2014	MdR-3 Washington Boulevard and Thatcher Avenue	**40**	Copper	µg/L	2.67	10.0	**86.6**	**20.9**
			Lead	µg/L	4.06	10.0	**40.5**	ND
			Zinc	µg/L	3.52	10.0	**704**	**198**
4/2/2014	MdR-4 Oxford Flood Control Basin	**55**	Copper	µg/L	2.67	10.0	**58.7**	**26.0**
			Lead	µg/L	4.06	10.0	**9.58 J**	ND
			Zinc	µg/L	3.52	10.0	**488**	**272**
4/2/2014	MdR-5 Boone-Olive Pump Station	**880**	Copper	µg/L	2.67	10.0	**6.85 J**	ND
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	**130**	**69.4**
4/2/2014	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	**310**	Copper	µg/L	2.67	10.0	**20.1**	**8.81 J**
			Lead	µg/L	4.06	10.0	ND	ND
			Zinc	µg/L	3.52	10.0	**268**	**134**
4/2/2014	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	**210**	Copper	µg/L	2.67	10.0	**19.7**	**7.77 J**
			Lead	µg/L	4.06	10.0	**5.37 J**	ND
			Zinc	µg/L	3.52	10.0	**164**	**83.0**

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 Surface Water, Enclosed Bays, and Estuaries of California, March 2, 2000
- ND - Analyte not detected at or above the method detection limit
- Reporting Limit - Lowest concentration for which quantitative data are reported
- mg/L - milligram per liter
- µg/L - microgram per liter
- J - Qualifier indicates value is between the reporting limit and the MDL, value is estimate

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: November 2013
WET WEATHER - EVENT 1

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration
11/22/2013	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.013	0.10	ND
		Aroclor 1016	µg/L	0.013	0.10	ND
		Aroclor 1221	µg/L	0.025	0.10	ND
		Aroclor 1232	µg/L	0.015	0.10	ND
		Aroclor 1242	µg/L	0.027	0.10	ND
		Aroclor 1248	µg/L	0.018	0.10	ND
		Aroclor 1254	µg/L	0.024	0.10	ND
		Aroclor 1260	µg/L	0.014	0.10	ND
		Aroclor 1262	µg/L	0.016	0.10	ND
		Total PCBs	µg/L	0.027	0.10	ND
11/22/2013	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	0.013	0.10	ND
		Aroclor 1016	µg/L	0.013	0.10	ND
		Aroclor 1221	µg/L	0.025	0.10	ND
		Aroclor 1232	µg/L	0.015	0.10	ND
		Aroclor 1242	µg/L	0.027	0.10	ND
		Aroclor 1248	µg/L	0.018	0.10	ND
		Aroclor 1254	µg/L	0.024	0.10	ND
		Aroclor 1260	µg/L	0.014	0.10	ND
		Aroclor 1262	µg/L	0.016	0.10	ND
		Total PCBs	µg/L	0.027	0.10	ND
11/22/2013	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.013	0.10	ND
		Aroclor 1016	µg/L	0.013	0.10	ND
		Aroclor 1221	µg/L	0.025	0.10	ND
		Aroclor 1232	µg/L	0.015	0.10	ND
		Aroclor 1242	µg/L	0.027	0.10	ND
		Aroclor 1248	µg/L	0.018	0.10	ND
		Aroclor 1254	µg/L	0.024	0.10	ND
		Aroclor 1260	µg/L	0.014	0.10	ND
		Aroclor 1262	µg/L	0.016	0.10	ND
		Total PCBs	µg/L	0.027	0.10	ND
11/22/2013	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.013	0.10	ND
		Aroclor 1016	µg/L	0.013	0.10	ND
		Aroclor 1221	µg/L	0.025	0.10	ND
		Aroclor 1232	µg/L	0.015	0.10	ND
		Aroclor 1242	µg/L	0.027	0.10	ND
		Aroclor 1248	µg/L	0.018	0.10	ND
		Aroclor 1254	µg/L	0.024	0.10	ND
		Aroclor 1260	µg/L	0.014	0.10	ND
		Aroclor 1262	µg/L	0.016	0.10	ND
		Total PCBs	µg/L	0.027	0.10	ND
11/22/2013	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.013	0.10	ND
		Aroclor 1016	µg/L	0.013	0.10	ND
		Aroclor 1221	µg/L	0.025	0.10	ND
		Aroclor 1232	µg/L	0.015	0.10	ND
		Aroclor 1242	µg/L	0.027	0.10	ND
		Aroclor 1248	µg/L	0.018	0.10	ND
		Aroclor 1254	µg/L	0.024	0.10	ND
		Aroclor 1260	µg/L	0.014	0.10	ND
		Aroclor 1262	µg/L	0.016	0.10	ND
		Total PCBs	µg/L	0.027	0.10	ND

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: November 2013 WET WEATHER - EVENT 1						
Sample Date	**Station Information**	**Organics**	**Units**	**MDL**	**Reporting Limit**	**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
2013-2014

MONTHLY SUMMARY REPORT: December 2013
WET WEATHER - EVENT 2

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration
12/9/2013	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.012	0.095	ND
		Aroclor 1016	µg/L	0.013	0.095	ND
		Aroclor 1221	µg/L	0.024	0.095	ND
		Aroclor 1232	µg/L	0.015	0.095	ND
		Aroclor 1242	µg/L	0.026	0.095	ND
		Aroclor 1248	µg/L	0.017	0.095	ND
		Aroclor 1254	µg/L	0.023	0.095	ND
		Aroclor 1260	µg/L	0.013	0.095	ND
		Aroclor 1262	µg/L	0.015	0.095	ND
		Total PCBs	µg/L	0.026	0.095	ND
12/9/2013	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	0.012	0.096	ND
		Aroclor 1016	µg/L	0.013	0.096	ND
		Aroclor 1221	µg/L	0.024	0.096	ND
		Aroclor 1232	µg/L	0.015	0.096	ND
		Aroclor 1242	µg/L	0.026	0.096	ND
		Aroclor 1248	µg/L	0.017	0.096	ND
		Aroclor 1254	µg/L	0.023	0.096	ND
		Aroclor 1260	µg/L	0.013	0.096	ND
		Aroclor 1262	µg/L	0.015	0.096	ND
		Total PCBs	µg/L	0.026	0.096	ND
12/9/2013	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.012	0.095	ND
		Aroclor 1016	µg/L	0.013	0.095	ND
		Aroclor 1221	µg/L	0.024	0.095	ND
		Aroclor 1232	µg/L	0.015	0.095	ND
		Aroclor 1242	µg/L	0.026	0.095	ND
		Aroclor 1248	µg/L	0.017	0.095	ND
		Aroclor 1254	µg/L	0.023	0.095	ND
		Aroclor 1260	µg/L	0.013	0.095	ND
		Aroclor 1262	µg/L	0.015	0.095	ND
		Total PCBs	µg/L	0.026	0.095	ND
12/9/2013	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.012	0.096	ND
		Aroclor 1016	µg/L	0.013	0.096	ND
		Aroclor 1221	µg/L	0.024	0.096	ND
		Aroclor 1232	µg/L	0.015	0.096	ND
		Aroclor 1242	µg/L	0.026	0.096	ND
		Aroclor 1248	µg/L	0.017	0.096	ND
		Aroclor 1254	µg/L	0.023	0.096	ND
		Aroclor 1260	µg/L	0.013	0.096	ND
		Aroclor 1262	µg/L	0.015	0.096	ND
		Total PCBs	µg/L	0.026	0.096	ND
12/9/2013	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.012	0.096	ND
		Aroclor 1016	µg/L	0.013	0.096	ND
		Aroclor 1221	µg/L	0.024	0.096	ND
		Aroclor 1232	µg/L	0.015	0.096	ND
		Aroclor 1242	µg/L	0.026	0.096	ND
		Aroclor 1248	µg/L	0.017	0.096	ND
		Aroclor 1254	µg/L	0.023	0.096	ND
		Aroclor 1260	µg/L	0.013	0.096	ND
		Aroclor 1262	µg/L	0.015	0.096	ND
		Total PCBs	µg/L	0.026	0.096	ND

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: December 2013 WET WEATHER - EVENT 2						
Sample Date	**Station Information**	**Organics**	**Units**	**MDL**	**Reporting Limit**	**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
2013-2014

MONTHLY SUMMARY REPORT: February 2014
WET WEATHER - EVENT 3

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration
2/7/2014	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.012	0.098	ND
		Aroclor 1016	µg/L	0.013	0.098	ND
		Aroclor 1221	µg/L	0.025	0.098	ND
		Aroclor 1232	µg/L	0.015	0.098	ND
		Aroclor 1242	µg/L	0.027	0.098	ND
		Aroclor 1248	µg/L	0.017	0.098	ND
		Aroclor 1254	µg/L	0.023	0.098	ND
		Aroclor 1260	µg/L	0.013	0.098	ND
		Aroclor 1262	µg/L	0.015	0.098	ND
		Total PCBs	µg/L	0.027	0.098	ND
2/7/2014	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	0.013	0.10	ND
		Aroclor 1016	µg/L	0.013	0.10	ND
		Aroclor 1221	µg/L	0.025	0.10	ND
		Aroclor 1232	µg/L	0.015	0.10	ND
		Aroclor 1242	µg/L	0.027	0.10	ND
		Aroclor 1248	µg/L	0.018	0.10	ND
		Aroclor 1254	µg/L	0.024	0.10	ND
		Aroclor 1260	µg/L	0.014	0.10	ND
		Aroclor 1262	µg/L	0.016	0.10	ND
		Total PCBs	µg/L	0.027	0.10	ND
2/7/2014	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.013	0.10	ND
		Aroclor 1016	µg/L	0.013	0.10	ND
		Aroclor 1221	µg/L	0.025	0.10	ND
		Aroclor 1232	µg/L	0.015	0.10	ND
		Aroclor 1242	µg/L	0.027	0.10	ND
		Aroclor 1248	µg/L	0.018	0.10	ND
		Aroclor 1254	µg/L	0.024	0.10	ND
		Aroclor 1260	µg/L	0.014	0.10	ND
		Aroclor 1262	µg/L	0.016	0.10	ND
		Total PCBs	µg/L	0.027	0.10	ND
2/7/2014	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.014	0.11	ND
		Aroclor 1016	µg/L	0.014	0.11	ND
		Aroclor 1221	µg/L	0.027	0.11	ND
		Aroclor 1232	µg/L	0.017	0.11	ND
		Aroclor 1242	µg/L	0.029	0.11	ND
		Aroclor 1248	µg/L	0.019	0.11	ND
		Aroclor 1254	µg/L	0.026	0.11	ND
		Aroclor 1260	µg/L	0.015	0.11	ND
		Aroclor 1262	µg/L	0.017	0.11	ND
		Total PCBs	µg/L	0.029	0.11	ND
2/7/2014	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.013	0.10	ND
		Aroclor 1016	µg/L	0.013	0.10	ND
		Aroclor 1221	µg/L	0.025	0.10	ND
		Aroclor 1232	µg/L	0.015	0.10	ND
		Aroclor 1242	µg/L	0.027	0.10	ND
		Aroclor 1248	µg/L	0.018	0.10	ND
		Aroclor 1254	µg/L	0.024	0.10	ND
		Aroclor 1260	µg/L	0.014	0.10	ND
		Aroclor 1262	µg/L	0.016	0.10	ND
		Total PCBs	µg/L	0.027	0.10	ND

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: February 2014 WET WEATHER - EVENT 3						
Sample Date	**Station Information**	**Organics**	**Units**	**MDL**	**Reporting Limit**	**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
2013-2014

MONTHLY SUMMARY REPORT: March 2014
WET WEATHER - EVENT 4

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration
3/3/2014	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.012	0.096	ND
		Aroclor 1016	µg/L	0.013	0.096	ND
		Aroclor 1221	µg/L	0.024	0.096	ND
		Aroclor 1232	µg/L	0.015	0.096	ND
		Aroclor 1242	µg/L	0.026	0.096	ND
		Aroclor 1248	µg/L	0.017	0.096	ND
		Aroclor 1254	µg/L	0.023	0.096	ND
		Aroclor 1260	µg/L	0.013	0.096	ND
		Aroclor 1262	µg/L	0.015	0.096	ND
		Total PCBs	µg/L	0.026	0.096	ND
3/3/2014	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	0.012	0.096	ND
		Aroclor 1016	µg/L	0.013	0.096	ND
		Aroclor 1221	µg/L	0.024	0.096	ND
		Aroclor 1232	µg/L	0.015	0.096	ND
		Aroclor 1242	µg/L	0.026	0.096	ND
		Aroclor 1248	µg/L	0.017	0.096	ND
		Aroclor 1254	µg/L	0.023	0.096	ND
		Aroclor 1260	µg/L	0.013	0.096	ND
		Aroclor 1262	µg/L	0.015	0.096	ND
		Total PCBs	µg/L	0.026	0.096	ND
3/3/2014	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.012	0.095	ND
		Aroclor 1016	µg/L	0.013	0.095	ND
		Aroclor 1221	µg/L	0.024	0.095	ND
		Aroclor 1232	µg/L	0.015	0.095	ND
		Aroclor 1242	µg/L	0.026	0.095	ND
		Aroclor 1248	µg/L	0.017	0.095	ND
		Aroclor 1254	µg/L	0.023	0.095	ND
		Aroclor 1260	µg/L	0.013	0.095	ND
		Aroclor 1262	µg/L	0.015	0.095	ND
		Total PCBs	µg/L	0.026	0.095	ND
3/3/2014	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.012	0.098	ND
		Aroclor 1016	µg/L	0.013	0.098	ND
		Aroclor 1221	µg/L	0.025	0.098	ND
		Aroclor 1232	µg/L	0.015	0.098	ND
		Aroclor 1242	µg/L	0.027	0.098	ND
		Aroclor 1248	µg/L	0.017	0.098	ND
		Aroclor 1254	µg/L	0.023	0.098	ND
		Aroclor 1260	µg/L	0.013	0.098	ND
		Aroclor 1262	µg/L	0.015	0.098	ND
		Total PCBs	µg/L	0.027	0.098	ND
3/3/2014	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.012	0.095	ND
		Aroclor 1016	µg/L	0.013	0.095	ND
		Aroclor 1221	µg/L	0.024	0.095	ND
		Aroclor 1232	µg/L	0.015	0.095	ND
		Aroclor 1242	µg/L	0.026	0.095	ND
		Aroclor 1248	µg/L	0.017	0.095	ND
		Aroclor 1254	µg/L	0.023	0.095	ND
		Aroclor 1260	µg/L	0.013	0.095	ND
		Aroclor 1262	µg/L	0.015	0.095	ND
		Total PCBs	µg/L	0.026	0.095	ND

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: March 2014 WET WEATHER - EVENT 4						
Sample Date	**Station Information**	**Organics**	**Units**	**MDL**	**Reporting Limit**	**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
2013-2014

MONTHLY SUMMARY REPORT: April 2014
WET WEATHER - EVENT 5

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	Concentration
4/2/2014	MdR-3 Washington Boulevard and Thatcher Avenue	Chlordane	µg/L	0.012	0.098	ND
		Aroclor 1016	µg/L	0.013	0.098	ND
		Aroclor 1221	µg/L	0.025	0.098	ND
		Aroclor 1232	µg/L	0.015	0.098	ND
		Aroclor 1242	µg/L	0.027	0.098	ND
		Aroclor 1248	µg/L	0.017	0.098	ND
		Aroclor 1254	µg/L	0.023	0.098	ND
		Aroclor 1260	µg/L	0.013	0.098	ND
		Aroclor 1262	µg/L	0.015	0.098	ND
		Total PCBs	µg/L	0.027	0.098	ND
4/2/2014	MdR-4 Oxford Flood Control Basin	Chlordane	µg/L	0.013	0.10	ND
		Aroclor 1016	µg/L	0.013	0.10	ND
		Aroclor 1221	µg/L	0.025	0.10	ND
		Aroclor 1232	µg/L	0.015	0.10	ND
		Aroclor 1242	µg/L	0.027	0.10	ND
		Aroclor 1248	µg/L	0.018	0.10	ND
		Aroclor 1254	µg/L	0.024	0.10	ND
		Aroclor 1260	µg/L	0.014	0.10	ND
		Aroclor 1262	µg/L	0.016	0.10	ND
		Total PCBs	µg/L	0.027	0.10	ND
4/2/2014	MdR-5 Boone-Olive Pump Station	Chlordane	µg/L	0.013	0.10	ND
		Aroclor 1016	µg/L	0.013	0.10	ND
		Aroclor 1221	µg/L	0.025	0.10	ND
		Aroclor 1232	µg/L	0.015	0.10	ND
		Aroclor 1242	µg/L	0.027	0.10	ND
		Aroclor 1248	µg/L	0.018	0.10	ND
		Aroclor 1254	µg/L	0.024	0.10	ND
		Aroclor 1260	µg/L	0.014	0.10	ND
		Aroclor 1262	µg/L	0.016	0.10	ND
		Total PCBs	µg/L	0.027	0.10	ND
4/2/2014	MdRU-C1 Under-represented located north of Bali and Admiralty Ways	Chlordane	µg/L	0.012	0.098	ND
		Aroclor 1016	µg/L	0.013	0.098	ND
		Aroclor 1221	µg/L	0.025	0.098	ND
		Aroclor 1232	µg/L	0.015	0.098	ND
		Aroclor 1242	µg/L	0.027	0.098	ND
		Aroclor 1248	µg/L	0.017	0.098	ND
		Aroclor 1254	µg/L	0.023	0.098	ND
		Aroclor 1260	µg/L	0.013	0.098	ND
		Aroclor 1262	µg/L	0.015	0.098	ND
		Total PCBs	µg/L	0.027	0.098	ND
4/2/2014	MdRU-C2 Under-represented located north of Abbot Kinney Boulevard and Woodlawn Avenue	Chlordane	µg/L	0.012	0.096	ND
		Aroclor 1016	µg/L	0.013	0.096	ND
		Aroclor 1221	µg/L	0.024	0.096	ND
		Aroclor 1232	µg/L	0.015	0.096	ND
		Aroclor 1242	µg/L	0.026	0.096	ND
		Aroclor 1248	µg/L	0.017	0.096	ND
		Aroclor 1254	µg/L	0.023	0.096	ND
		Aroclor 1260	µg/L	0.013	0.096	ND
		Aroclor 1262	µg/L	0.015	0.096	ND
		Total PCBs	µg/L	0.026	0.096	ND

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Wet-Weather Ambient Monitoring
2013-2014

MONTHLY SUMMARY REPORT: April 2014 WET WEATHER - EVENT 5						
Sample Date	**Station Information**	**Organics**	**Units**	**MDL**	**Reporting Limit**	**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

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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
2013 - 2014

QUARTERLY SUMMARY REPORT: September 2013
DRY WEATHER

Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
9/26/2013	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.282 0.276 0.372	1.05 1.05 2.10	34 46.7 150	**343** **60.7** **334**
9/26/2013	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.386 0.377 0.509	1.43 1.43 2.87	34 46.7 150	**562** **112** **591**
9/26/2013	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.354 0.346 0.466	1.31 1.31 2.62	34 46.7 150	**544** **122** **532**
9/26/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.292 0.286 0.385	1.08 1.08 2.17	34 46.7 150	**279** **68.9** **323**

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
2013 - 2014

QUARTERLY SUMMARY REPORT: December 2013
DRY WEATHER

Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
12/17/2013	MdRH-B-1 Back Harbor Basin D Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.306 0.299 0.404	1.14 1.14 2.27	34 46.7 150	**411** **70.4** **388**
12/17/2013	MdRH-B-2 Back Harbor Basin E Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.399 0.390 0.525	1.48 1.48 2.96	34 46.7 150	**498** **92.5** **502**
12/17/2013	MdRH-B-3 Back Harbor Basin F Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.375 0.367 0.495	1.39 1.39 2.79	34 46.7 150	**428** **91.2** **416**
12/17/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater Sediment	Copper Lead Zinc	mg/kg mg/kg mg/kg	0.306 0.299 0.403	1.13 1.13 2.27	34 46.7 150	**313** **72.4** **342**

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
2013 - 2014

QUARTERLY SUMMARY REPORT: March 2014
DRY WEATHER

Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
3/6/2014	MdRH-B-1	Copper	mg/kg	0.291	1.08	34	**381**
	Back Harbor	Lead	mg/kg	0.284	1.08	46.7	**61.0**
	Basin D	Zinc	mg/kg	0.383	2.16	150	**345**
	Saltwater Sediment						
3/6/2014	MdRH-B-2	Copper	mg/kg	0.360	1.33	34	**519**
	Back Harbor	Lead	mg/kg	0.352	1.33	46.7	**96.8**
	Basin E	Zinc	mg/kg	0.474	2.67	150	**516**
	Saltwater Sediment						
3/6/2014	MdRH-B-3	Copper	mg/kg	0.365	1.36	34	**363**
	Back Harbor	Lead	mg/kg	0.357	1.36	46.7	**76.1**
	Basin F	Zinc	mg/kg	0.481	2.71	150	**366**
	Saltwater Sediment						
3/6/2014	MdRH-B-4	Copper	mg/kg	0.270	1.00	34	**268**
	Back Harbor	Lead	mg/kg	0.264	1.00	46.7	**61.4**
	Basin - End of Channel	Zinc	mg/kg	0.356	2.00	150	**311**
	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
2013 - 2014

QUARTERLY SUMMARY REPORT: June 2014
DRY WEATHER

Sample Date	Station Information	Metal	Units	MDL	Reporting Limit	TMDL Limit	Concentration
6/12/2014	MdRH-B-1	Copper	mg/kg	0.281	1.04	34	**416**
	Back Harbor	Lead	mg/kg	0.274	1.04	46.7	**63.8**
	Basin D	Zinc	mg/kg	0.370	2.08	150	**377**
	Saltwater Sediment						
6/12/2014	MdRH-B-2	Copper	mg/kg	0.364	1.35	34	**499**
	Back Harbor	Lead	mg/kg	0.356	1.35	46.7	**90.6**
	Basin E	Zinc	mg/kg	0.480	2.70	150	**500**
	Saltwater Sediment						
6/12/2014	MdRH-B-3	Copper	mg/kg	0.350	1.30	34	**480**
	Back Harbor	Lead	mg/kg	0.342	1.30	46.7	**104**
	Basin F	Zinc	mg/kg	0.462	2.60	150	**484**
	Saltwater Sediment						
6/12/2014	MdRH-B-4	Copper	mg/kg	0.298	1.11	34	**355**
	Back Harbor	Lead	mg/kg	0.292	1.11	46.7	**78.2**
	Basin - End of Channel	Zinc	mg/kg	0.393	2.22	150	**396**
	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
2013 - 2014

QUARTERLY SUMMARY REPORT: September 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
9/26/2013	MdRH-B-1	Chlordane	µg/kg	0.34	1.0	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	6.0	21	22.7	ND
	Basin D	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	5.1	21	22.7	**82**
		Aroclor 1260	µg/kg	4.9	21	22.7	**83**
		Aroclor 1262	µg/kg	5.2	21	22.7	ND
		Total PCBs	µg/kg	6.0	21	22.7	**165**
9/26/2013	MdRH-B-2	Chlordane	µg/kg	0.46	1.4	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	8.2	29	22.7	ND
	Basin E	Aroclor 1221	µg/kg	7.4	29	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	6.1	29	22.7	ND
		Aroclor 1242	µg/kg	7.1	29	22.7	ND
		Aroclor 1248	µg/kg	8.3	29	22.7	ND
		Aroclor 1254	µg/kg	6.9	29	22.7	**87**
		Aroclor 1260	µg/kg	6.6	29	22.7	**68**
		Aroclor 1262	µg/kg	7.1	29	22.7	ND
		Total PCBs	µg/kg	8.3	29	22.7	**155**
9/26/2013	MdRH-B-3	Chlordane	µg/kg	0.42	1.3	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 Sediment	Aroclor 1232	µg/kg	5.6	26	22.7	ND
		Aroclor 1242	µg/kg	6.5	26	22.7	ND
		Aroclor 1248	µg/kg	7.6	26	22.7	ND
		Aroclor 1254	µg/kg	6.3	26	22.7	**99**
		Aroclor 1260	µg/kg	6.1	26	22.7	**69**
		Aroclor 1262	µg/kg	6.5	26	22.7	ND
		Total PCBs	µg/kg	7.6	26	22.7	**168**
9/26/2013	MdRH-B-4	Chlordane	µg/kg	0.35	1.1	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	6.2	22	22.7	ND
	Basin - End of Channel	Aroclor 1221	µg/kg	5.6	22	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	4.7	22	22.7	ND
		Aroclor 1242	µg/kg	5.4	22	22.7	ND
		Aroclor 1248	µg/kg	6.3	22	22.7	ND
		Aroclor 1254	µg/kg	5.2	22	22.7	**77**
		Aroclor 1260	µg/kg	5.0	22	22.7	**64**
		Aroclor 1262	µg/kg	5.3	22	22.7	ND
		Total PCBs	µg/kg	6.3	22	22.7	**141**

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

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2013 - 2014

QUARTERLY SUMMARY REPORT: December 2013
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
12/17/2013	MdRH-B-1	Chlordane	µg/kg	0.37	1.1	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	**72**
		Aroclor 1260	µg/kg	5.3	23	22.7	**52**
		Aroclor 1262	µg/kg	5.6	23	22.7	ND
		Total PCBs	µg/kg	6.5	23	22.7	**124**
12/17/2013	MdRH-B-2	Chlordane	µg/kg	0.48	1.5	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	8.4	30	22.7	ND
	Basin E	Aroclor 1221	µg/kg	7.7	30	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	6.3	30	22.7	ND
		Aroclor 1242	µg/kg	7.4	30	22.7	ND
		Aroclor 1248	µg/kg	8.5	30	22.7	ND
		Aroclor 1254	µg/kg	7.1	30	22.7	**73**
		Aroclor 1260	µg/kg	6.8	30	22.7	**57**
		Aroclor 1262	µg/kg	7.3	30	22.7	ND
		Total PCBs	µg/kg	8.5	30	22.7	**130**
12/17/2013	MdRH-B-3	Chlordane	µg/kg	0.45	1.4	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	7.9	28	22.7	ND
	Basin F	Aroclor 1221	µg/kg	7.2	28	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	6.0	28	22.7	ND
		Aroclor 1242	µg/kg	6.9	28	22.7	ND
		Aroclor 1248	µg/kg	8.0	28	22.7	ND
		Aroclor 1254	µg/kg	6.7	28	22.7	**100**
		Aroclor 1260	µg/kg	6.4	28	22.7	**77**
		Aroclor 1262	µg/kg	6.9	28	22.7	ND
		Total PCBs	µg/kg	8.0	28	22.7	**177**
12/17/2013	MdRH-B-4	Chlordane	µg/kg	0.37	1.1	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	6.5	23	22.7	ND
	Basin - End of Channel	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	**57**
		Aroclor 1260	µg/kg	5.2	23	22.7	**42**
		Aroclor 1262	µg/kg	5.6	23	22.7	ND
		Total PCBs	µg/kg	6.5	23	22.7	**99**

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

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2013 - 2014

QUARTERLY SUMMARY REPORT: March 2014
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
3/6/2014	MdRH-B-1	Chlordane	µg/kg	0.35	1.1	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	6.2	22	22.7	ND
	Basin D	Aroclor 1221	µg/kg	5.6	22	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	4.7	22	22.7	ND
		Aroclor 1242	µg/kg	5.4	22	22.7	ND
		Aroclor 1248	µg/kg	6.3	22	22.7	ND
		Aroclor 1254	µg/kg	5.2	22	22.7	**10 J**
		Aroclor 1260	µg/kg	5.0	22	22.7	**8.1 J**
		Aroclor 1262	µg/kg	5.4	22	22.7	ND
		Total PCBs	µg/kg	6.3	22	22.7	**18.1 J**
3/6/2014	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	**11 J**
		Aroclor 1260	µg/kg	6.3	27	22.7	**8.6 J**
		Aroclor 1262	µg/kg	6.7	27	22.7	ND
		Total PCBs	µg/kg	7.8	27	22.7	**19.6 J**
3/6/2014	MdRH-B-3	Chlordane	µg/kg	0.44	1.4	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	7.7	27	22.7	ND
	Basin F	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	6.7	27	22.7	ND
		Aroclor 1248	µg/kg	7.8	27	22.7	ND
		Aroclor 1254	µg/kg	6.5	27	22.7	**12 J**
		Aroclor 1260	µg/kg	6.3	27	22.7	**9.6 J**
		Aroclor 1262	µg/kg	6.7	27	22.7	ND
		Total PCBs	µg/kg	7.8	27	22.7	**21.6 J**
3/6/2014	MdRH-B-4	Chlordane	µg/kg	0.33	1.0	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	5.8	20	22.7	ND
	Basin - End of Channel	Aroclor 1221	µg/kg	5.3	20	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	4.4	20	22.7	ND
		Aroclor 1242	µg/kg	5.1	20	22.7	ND
		Aroclor 1248	µg/kg	5.9	20	22.7	ND
		Aroclor 1254	µg/kg	4.9	20	22.7	**39**
		Aroclor 1260	µg/kg	4.7	20	22.7	**24**
		Aroclor 1262	µg/kg	5.0	20	22.7	ND
		Total PCBs	µg/kg	5.9	20	22.7	**63**

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

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

µg/kg - microgram per kilogram, dry weight basis

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2013 - 2014

QUARTERLY SUMMARY REPORT: June 2014
DRY WEATHER

Sample Date	Station Information	Organics	Units	MDL	Reporting Limit	TMDL Limit*	Concentration
6/12/2014	MdRH-B-1	Chlordane	µg/kg	0.34	1.0	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	5.9	21	22.7	ND
	Basin D	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	**46**
		Aroclor 1260	µg/kg	4.8	21	22.7	**51**
		Aroclor 1262	µg/kg	5.1	21	22.7	ND
		Total PCBs	µg/kg	6.0	21	22.7	**97**
6/12/2014	MdRH-B-2	Chlordane	µg/kg	0.45	1.4	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	7.9	28	22.7	ND
	Basin E	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	8.0	28	22.7	ND
		Aroclor 1254	µg/kg	6.7	28	22.7	**67**
		Aroclor 1260	µg/kg	6.4	28	22.7	**76**
		Aroclor 1262	µg/kg	6.8	28	22.7	ND
		Total PCBs	µg/kg	8.0	28	22.7	**143**
6/12/2014	MdRH-B-3	Chlordane	µg/kg	0.43	1.3	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	7.5	26	22.7	ND
	Basin F	Aroclor 1221	µg/kg	6.9	26	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	5.7	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	6.4	26	22.7	**64**
		Aroclor 1260	µg/kg	6.1	26	22.7	**72**
		Aroclor 1262	µg/kg	6.5	26	22.7	ND
		Total PCBs	µg/kg	7.6	26	22.7	**136**
6/12/2014	MdRH-B-4	Chlordane	µg/kg	0.35	1.1	0.50	ND
	Back Harbor	Aroclor 1016	µg/kg	6.2	22	22.7	ND
	Basin - End of Channel	Aroclor 1221	µg/kg	5.6	22	22.7	ND
	Saltwater Sediment	Aroclor 1232	µg/kg	4.6	22	22.7	ND
		Aroclor 1242	µg/kg	5.4	22	22.7	ND
		Aroclor 1248	µg/kg	6.2	22	22.7	ND
		Aroclor 1254	µg/kg	5.2	22	22.7	**46**
		Aroclor 1260	µg/kg	5.0	22	22.7	**64**
		Aroclor 1262	µg/kg	5.3	22	22.7	ND
		Total PCBs	µg/kg	6.2	22	22.7	**110**

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

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Benthic Sediments Ambient Monitoring
2013 - 2014

QUARTERLY SUMMARY REPORT: September 2013
DRY WEATHER

Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
9/26/2013	MdRH-B-1	Percent Solids	percent	0.100	0.100	**47.7**
	Back Harbor	Total Organic Carbon	mg/kg	250	1,000	**14,000**
	Basin D	Clay	percent	NA	0.01	**14.53**
	Saltwater Sediment	Silt	percent	NA	0.01	**75.30**
		Sand	percent	NA	0.01	**10.17**
		Gravel	percent	NA	0.01	ND
9/26/2013	MdRH-B-2	Percent Solids	percent	0.100	0.100	**34.9**
	Back Harbor	Total Organic Carbon	mg/kg	350	1,400	**23,000**
	Basin E	Clay	percent	NA	0.01	**20.56**
	Saltwater Sediment	Silt	percent	NA	0.01	**72.70**
		Sand	percent	NA	0.01	**6.74**
		Gravel	percent	NA	0.01	ND
9/26/2013	MdRH-B-3	Percent Solids	percent	0.100	0.100	**38.1**
	Back Harbor	Total Organic Carbon	mg/kg	320	1,300	**19,000**
	Basin F	Clay	percent	NA	0.01	**16.76**
	Saltwater Sediment	Silt	percent	NA	0.01	**70.40**
		Sand	percent	NA	0.01	**12.84**
		Gravel	percent	NA	0.01	ND
9/26/2013	MdRH-B-4	Percent Solids	percent	0.100	0.100	**46.1**
	Back Harbor	Total Organic Carbon	mg/kg	260	1,100	**18,000**
	Basin - End of Channel	Clay	percent	NA	0.01	**15.67**
	Saltwater Sediment	Silt	percent	NA	0.01	**70.55**
		Sand	percent	NA	0.01	**13.78**
		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
2013 - 2014

QUARTERLY SUMMARY REPORT: December 2013
DRY WEATHER

Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
12/17/2013	MdRH-B-1	Percent Solids	percent	0.100	0.100	**44.0**
	Back Harbor	Total Organic Carbon	mg/kg	280	1,100	**17,000**
	Basin D	Clay	percent	NA	0.01	**13.98**
	Saltwater Sediment	Silt	percent	NA	0.01	**74.13**
		Sand	percent	NA	0.01	**11.89**
		Gravel	percent	NA	0.01	ND
12/17/2013	MdRH-B-2	Percent Solids	percent	0.100	0.100	**33.8**
	Back Harbor	Total Organic Carbon	mg/kg	360	1,500	**23,000**
	Basin E	Clay	percent	NA	0.01	**16.75**
	Saltwater Sediment	Silt	percent	NA	0.01	**73.80**
		Sand	percent	NA	0.01	**9.44**
		Gravel	percent	NA	0.01	ND
12/17/2013	MdRH-B-3	Percent Solids	percent	0.100	0.100	**35.9**
	Back Harbor	Total Organic Carbon	mg/kg	340	1,400	**21,000**
	Basin F	Clay	percent	NA	0.01	**14.73**
	Saltwater Sediment	Silt	percent	NA	0.01	**78.83**
		Sand	percent	NA	0.01	**6.44**
		Gravel	percent	NA	0.01	ND
12/17/2013	MdRH-B-4	Percent Solids	percent	0.100	0.100	**44.1**
	Back Harbor	Total Organic Carbon	mg/kg	270	1,100	**16,000**
	Basin - End of Channel	Clay	percent	NA	0.01	**11.30**
	Saltwater Sediment	Silt	percent	NA	0.01	**72.11**
		Sand	percent	NA	0.01	**16.59**
		Gravel	percent	NA	0.01	ND

Notes:
- Detections are indicated in **bold**
- MDL - Method Detection Limit
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- 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
2013 - 2014

QUARTERLY SUMMARY REPORT: March 2014
DRY WEATHER

Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
3/6/2014	MdRH-B-1	Percent Solids	percent	0.100	0.100	**45.9**
	Back Harbor	Total Organic Carbon	mg/kg	260	1,100	**12,000**
	Basin D	Clay	percent	NA	0.01	**12.64**
	Saltwater Sediment	Silt	percent	NA	0.01	**71.37**
		Sand	percent	NA	0.01	**15.99**
		Gravel	percent	NA	0.01	ND
3/6/2014	MdRH-B-2	Percent Solids	percent	0.100	0.100	**36.9**
	Back Harbor	Total Organic Carbon	mg/kg	330	1,400	**18,000**
	Basin E	Clay	percent	NA	0.01	**18.24**
	Saltwater Sediment	Silt	percent	NA	0.01	**70.59**
		Sand	percent	NA	0.01	**11.17**
		Gravel	percent	NA	0.01	ND
3/6/2014	MdRH-B-3	Percent Solids	percent	0.100	0.100	**36.9**
	Back Harbor	Total Organic Carbon	mg/kg	330	1,400	**18,000**
	Basin F	Clay	percent	NA	0.01	**14.31**
	Saltwater Sediment	Silt	percent	NA	0.01	**68.77**
		Sand	percent	NA	0.01	**16.92**
		Gravel	percent	NA	0.01	ND
3/6/2014	MdRH-B-4	Percent Solids	percent	0.100	0.100	**48.9**
	Back Harbor	Total Organic Carbon	mg/kg	250	1,000	**12,000**
	Basin - End of Channel	Clay	percent	NA	0.01	**14.53**
	Saltwater Sediment	Silt	percent	NA	0.01	**67.78**
		Sand	percent	NA	0.01	**17.69**
		Gravel	percent	NA	0.01	ND

Notes:
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- MDL - Method Detection Limit
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- 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
2013 - 2014

QUARTERLY SUMMARY REPORT: June 2014
DRY WEATHER

Sample Date	Station Information	Measurement	Units	MDL	Reporting Limit	Concentration
6/12/2014	MdRH-B-1	Percent Solids	percent	0.100	0.100	**48.0**
	Back Harbor	Total Organic Carbon	mg/kg	250	1,000	**12,000**
	Basin D	Clay	percent	NA	0.01	**12.86**
	Saltwater Sediment	Silt	percent	NA	0.01	**70.52**
		Sand	percent	NA	0.01	**16.62**
		Gravel	percent	NA	0.01	ND
6/12/2014	MdRH-B-2	Percent Solids	percent	0.100	0.100	**36.3**
	Back Harbor	Total Organic Carbon	mg/kg	330	1,400	**18,000**
	Basin E	Clay	percent	NA	0.01	**17.00**
	Saltwater Sediment	Silt	percent	NA	0.01	**73.85**
		Sand	percent	NA	0.01	**9.15**
		Gravel	percent	NA	0.01	ND
6/12/2014	MdRH-B-3	Percent Solids	percent	0.100	0.100	**37.7**
	Back Harbor	Total Organic Carbon	mg/kg	320	1,300	**17,000**
	Basin F	Clay	percent	NA	0.01	**13.05**
	Saltwater Sediment	Silt	percent	NA	0.01	**70.16**
		Sand	percent	NA	0.01	**16.79**
		Gravel	percent	NA	0.01	ND
6/12/2014	MdRH-B-4	Percent Solids	percent	0.100	0.100	**46.3**
	Back Harbor	Total Organic Carbon	mg/kg	260	1,100	**14,000**
	Basin - End of Channel	Clay	percent	NA	0.01	**11.72**
	Saltwater Sediment	Silt	percent	NA	0.01	**67.98**
		Sand	percent	NA	0.01	**20.30**
		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

Quarterly Reports: Sediment Toxicity Data

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2013-2014
Leptocheirus plumulosus Survival (28-Day)

QUARTERLY SUMMARY REPORT: September 2013 DRY WEATHER					
Sample Date	**Station Information**	**Replicate**	**Number Alive**	**Percent Survival**	**Mean Percent Survival**
9/26/2013	MdRH-B-1 Back Harbor Basin D Saltwater	A B C D E	19 18 19 19 20	95 90 95 95 100	95
9/26/2013	MdRH-B-2 Back Harbor Basin E Saltwater	A B C D E	17 17 18 19 19	85 85 90 95 95	90
9/26/2013	MdRH-B-3 Back Harbor Basin F Saltwater	A B C D E	19 17 19 17 17	95 85 95 85 85	89
9/26/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	A B C D E	20 17 19 11 19	100 85 95 55 95	86
9/26/2013	Laboratory Control	A B C D E	20 20 17 19 19	100 100 85 95 95	95

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2013-2014
Leptocheirus plumulosus Survival (28-Day)

QUARTERLY SUMMARY REPORT: March 2014
DRY WEATHER

Sample Date	Station Information	Replicate	Number Alive	Percent Survival	Mean Percent Survival
3/6/2014	MdRH-B-1	A	18	90	92.5
	Back Harbor	B	*	*	
	Basin D	C	19	95	
	Saltwater	D	20	100	
		E	17	85	
3/6/2014	MdRH-B-2	A	*	*	93.3
	Back Harbor	B	*	*	
	Basin E	C	20	100	
	Saltwater	D	17	85	
		E	19	95	
3/6/2014	MdRH-B-3	A	18	90	82.0
	Back Harbor	B	18	90	
	Basin F	C	11	55	
	Saltwater	D	17	85	
		E	18	90	
3/6/2014	MdRH-B-4	A	20	100	77.5
	Back Harbor	B	*	*	
	Basin - End of Channel	C	10	50	
	Saltwater	D	13	65	
		E	19	95	
3/6/2014	Laboratory Control	A	20	100	98.3
		B	*	*	
		C	20	100	
		D	*	*	
		E	19	95	

* outlier value excluded from calculations

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2013-2014
Leptocheirus plumulosus Growth (28-Day)

QUARTERLY SUMMARY REPORT: September 2013
DRY WEATHER

Sample Date	Station Information	Replicate	Total Weight (mg)	Weight per Organism (mg)	Mean Weight per Organism (mg)
9/26/2013	MdRH-B-1	A	33.75	1.78	1.33
	Back Harbor	B	19.92	1.11	
	Basin D	C	21.29	1.12	
	Saltwater	D	15.42	0.81	
		E	37.06	1.85	
9/26/2013	MdRH-B-2	A	8.78	0.52	0.85
	Back Harbor	B	20.96	1.23	
	Basin E	C	17.97	1.00	
	Saltwater	D	11.90	0.63	
		E	16.32	0.86	
9/26/2013	MdRH-B-3	A	27.61	1.45	1.14
	Back Harbor	B	7.07	0.42	
	Basin F	C	19.54	1.03	
	Saltwater	D	24.88	1.46	
		E	22.87	1.35	
9/26/2013	MdRH-B-4	A	25.50	1.28	1.32
	Back Harbor	B	17.38	1.02	
	Basin - End of Channel	C	29.86	1.57	
	Saltwater	D	10.33	0.94	
		E	34.02	1.79	
9/26/2013	Laboratory Control	A	13.64	0.68	0.75
		B	7.77	0.39	
		C	8.19	0.48	
		D	22.64	1.19	
		E	18.82	0.99	

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2013-2014
Leptocheirus plumulosus Growth (28-Day)

QUARTERLY SUMMARY REPORT: March 2014
DRY WEATHER

Sample Date	Station Information	Replicate	Total Weight (mg)	Weight per Organism (mg)	Mean Weight per Organism (mg)
	MdRH-B-1	A	39.03	2.17	
	Back Harbor	B	*	*	
3/6/2014	Basin D	C	38.31	2.02	2.04
	Saltwater	D	42.77	2.14	
		E	30.77	1.81	
	MdRH-B-2	A	*	*	
	Back Harbor	B	*	*	
3/6/2014	Basin E	C	36.53	1.83	1.94
	Saltwater	D	32.11	1.89	
		E	39.68	2.09	
	MdRH-B-3	A	37.08	2.06	
	Back Harbor	B	38.85	2.16	
3/6/2014	Basin F	C	22.20	2.02	1.97
	Saltwater	D	32.16	1.89	
		E	31.32	1.74	
	MdRH-B-4	A	33.24	1.66	
	Back Harbor	B	*	*	
3/6/2014	Basin - End of Channel	C	10.41	1.04	1.41
	Saltwater	D	19.55	1.50	
		E	27.55	1.45	
	Laboratory Control	A	50.05	2.50	
		B	*	*	
3/6/2014		C	51.14	2.56	2.38
		D	*	*	
		E	39.60	2.08	

* outlier value excluded from calculations

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2013-2014
Leptocheirus plumulosus Reproduction (28-Day)

QUARTERLY SUMMARY REPORT: September 2013
DRY WEATHER

Sample Date	Station Information	Replicate	Number of Neonates Produced	Number of Neonates Per Adult	Mean Number of Neonates Per Adult
9/26/2013	MdRH-B-1	A	83	4.37	1.84
	Back Harbor	B	6	0.33	
	Basin D	C	14	0.74	
	Saltwater	D	0	0.00	
		E	75	3.75	
9/26/2013	MdRH-B-2	A	0	0.00	0.86
	Back Harbor	B	64	3.76	
	Basin E	C	0	0.00	
	Saltwater	D	0	0.00	
		E	10	0.53	
9/26/2013	MdRH-B-3	A	0	0.00	0.56
	Back Harbor	B	0	0.00	
	Basin F	C	30	1.58	
	Saltwater	D	21	1.24	
		E	0	0.00	
9/26/2013	MdRH-B-4	A	52	2.60	1.63
	Back Harbor	B	14	0.82	
	Basin - End of Channel	C	70	3.68	
	Saltwater	D	0	0.00	
		E	20	1.05	
9/26/2013	Laboratory Control	A	0	0.00	0.83
		B	0	0.00	
		C	0	0.00	
		D	66	3.47	
		E	13	0.68	

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2013-2014
Leptocheirus plumulosus Reproduction (28-Day)

QUARTERLY SUMMARY REPORT: March 2014
DRY WEATHER

Sample Date	Station Information	Replicate	Number of Neonates Produced	Number of Neonates Per Adult	Mean Number of Neonates Per Adult
	MdRH-B-1	A	100	5.56	
	Back Harbor	B	*	*	
3/6/2014	Basin D	C	100	5.26	4.84
	Saltwater	D	100	5.00	
		E	60	3.53	
	MdRH-B-2	A	*	*	
	Back Harbor	B	*	*	
3/6/2014	Basin E	C	100	5.00	5.38
	Saltwater	D	100	5.88	
		E	100	5.26	
	MdRH-B-3	A	100	5.56	
	Back Harbor	B	50	2.78	
3/6/2014	Basin F	C	20	1.82	3.99
	Saltwater	D	100	5.88	
		E	70	3.89	
	MdRH-B-4	A	80	4.00	
	Back Harbor	B	*	*	
3/6/2014	Basin - End of Channel	C	3	0.30	2.15
	Saltwater	D	45	3.46	
		E	16	0.84	
	Laboratory Control	A	100	5.00	
		B	*	*	
3/6/2014		C	100	5.00	5.09
		D	*	*	
		E	100	5.26	

* outlier value excluded from calculations

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2013-2014
Eohaustorius estuarius Survival (10-Day)

QUARTERLY SUMMARY REPORT: September 2013
DRY WEATHER

Sample Date	Station Information	Replicate	Number Alive	Percent Survival	Mean Percent Survival
9/26/2013	MdRH-B-1	A	18	90	96
	Back Harbor	B	19	95	
	Basin D	C	19	95	
	Saltwater	D	20	100	
		E	20	100	
9/26/2013	MdRH-B-2	A	17	85	92
	Back Harbor	B	20	100	
	Basin E	C	17	85	
	Saltwater	D	19	95	
		E	19	95	
9/26/2013	MdRH-B-3	A	18	90	97
	Back Harbor	B	20	100	
	Basin F	C	20	100	
	Saltwater	D	20	100	
		E	19	95	
9/26/2013	MdRH-B-4	A	20	100	98
	Back Harbor	B	20	100	
	Basin - End of Channel	C	20	100	
	Saltwater	D	18	90	
		E	20	100	
9/26/2013	Laboratory Control	A	20	100	99
		B	20	100	
		C	20	100	
		D	19	95	
		E	20	100	

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2013-2014
Eohaustorius estuarius Survival (10-Day)

QUARTERLY SUMMARY REPORT: March 2014
DRY WEATHER

Sample Date	Station Information	Replicate	Number Alive	Percent Survival	Mean Percent Survival
3/6/2014	MdRH-B-1	A	17	85	79
	Back Harbor	B	16	80	
	Basin D	C	15	75	
	Saltwater	D	15	75	
		E	16	80	
3/6/2014	MdRH-B-2	A	10	50	50
	Back Harbor	B	10	50	
	Basin E	C	11	55	
	Saltwater	D	8	40	
		E	11	55	
3/6/2014	MdRH-B-3	A	10	50	64
	Back Harbor	B	11	55	
	Basin F	C	16	80	
	Saltwater	D	13	65	
		E	14	70	
3/6/2014	MdRH-B-4	A	18	90	74
	Back Harbor	B	14	70	
	Basin - End of Channel	C	16	80	
	Saltwater	D	14	70	
		E	12	60	
3/6/2014	Laboratory Control	A	20	100	100
		B	20	100	
		C	20	100	
		D	20	100	
		E	20	100	

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2013-2014
Mytilus galloprovincialis Development (48-Hour Embryo)

QUARTERLY SUMMARY REPORT: September 2013
DRY WEATHER

Sample Date	Station Information	Replicate	Total Number Counted	Number Normally Developed	Percent Normally Developed	Mean Percent Normally Developed
9/26/2013	MdRH-B-1 Back Harbor Basin D Saltwater	A	311	295	94.9	97.6
		B	298	293	98.3	
		C	227	222	97.8	
		D	285	282	98.9	
		E	259	254	98.1	
9/26/2013	MdRH-B-2 Back Harbor Basin E Saltwater	A	261	257	98.5	98.2
		B	296	289	97.6	
		C	243	240	98.8	
		D	271	264	97.4	
		E	264	261	98.9	
9/26/2013	MdRH-B-3 Back Harbor Basin F Saltwater	A	257	252	98.1	97.9
		B	249	243	97.6	
		C	300	296	98.7	
		D	285	279	97.9	
		E	278	271	97.5	
9/26/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	A	273	267	97.8	98.3
		B	247	245	99.2	
		C	240	235	97.9	
		D	321	316	98.4	
		E	252	247	98.0	
9/26/2013	Laboratory Control	A	262	254	96.9	98.4
		B	296	293	99.0	
		C	283	277	97.9	
		D	259	256	98.8	
		E	314	312	99.4	

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2013-2014
Mytilus galloprovincialis Development (48-Hour Embryo)

QUARTERLY SUMMARY REPORT: March 2014
DRY WEATHER

Sample Date	Station Information	Replicate	Total Number Counted	Number Normally Developed	Percent Normally Developed	Mean Percent Normally Developed
3/6/2014	MdRH-B-1	A	161	156	96.9	94.8
	Back Harbor	B	197	194	98.5	
	Basin D	C	196	175	89.3	
	Saltwater	D	226	217	96.0	
		E	180	168	93.3	
3/6/2014	MdRH-B-2	A	144	141	97.9	97.1
	Back Harbor	B	167	160	95.8	
	Basin E	C	215	206	95.8	
	Saltwater	D	197	191	97.0	
		E	131	130	99.2	
3/6/2014	MdRH-B-3	A	237	225	94.9	95.5
	Back Harbor	B	178	173	97.2	
	Basin F	C	185	177	95.7	
	Saltwater	D	181	175	96.7	
		E	207	193	93.2	
3/6/2014	MdRH-B-4	A	208	202	97.1	94.3
	Back Harbor	B	149	143	96.0	
	Basin - End of Channel	C	201	187	93.0	
	Saltwater	D	178	167	93.8	
		E	218	200	91.7	
3/6/2014	Laboratory Control	A	195	181	92.8	91.9
		B	236	226	95.8	
		C	142	130	91.5	
		D	193	171	88.6	
		E	185	168	90.8	

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2013-2014
Strongylocentrotus purpuratus Fertilization (20-Minute Gamete)

QUARTERLY SUMMARY REPORT: September 2013
DRY WEATHER

Sample Date	Station Information	Percent Sample	Replicate	Number Counted	Percent Fertilized	Mean Percent Fertilization
9/26/2013	MdRH-B-1 Back Harbor Basin D Saltwater	12.5	A	100	91	91.6
			B	100	86	
			C	100	95	
			D	100	91	
			E	100	95	
9/26/2013	MdRH-B-1 Back Harbor Basin D Saltwater	25	A	100	84	87.4
			B	100	89	
			C	100	91	
			D	100	83	
			E	100	90	
9/26/2013	MdRH-B-1 Back Harbor Basin D Saltwater	50	A	100	92	94.8
			B	100	98	
			C	100	99	
			D	100	92	
			E	100	93	
9/26/2013	MdRH-B-1 Back Harbor Basin D Saltwater	75	A	100	99	97.2
			B	100	96	
			C	100	97	
			D	100	96	
			E	100	98	
9/26/2013	MdRH-B-1 Back Harbor Basin D Saltwater	100	A	100	97	98.2
			B	100	100	
			C	100	99	
			D	100	97	
			E	100	98	
9/26/2013	MdRH-B-1 Back Harbor Basin D Saltwater	Laboratory Control	A	100	83	86.2
			B	100	91	
			C	100	87	
			D	100	85	
			E	100	85	
9/26/2013	MdRH-B-2 Back Harbor Basin E Saltwater	12.5	A	100	91	91.0
			B	100	85	
			C	100	95	
			D	100	91	
			E	100	93	
9/26/2013	MdRH-B-2 Back Harbor Basin E Saltwater	25	A	100	83	81.8
			B	100	85	
			C	100	86	
			D	100	75	
			E	100	80	
9/26/2013	MdRH-B-2 Back Harbor Basin E Saltwater	50	A	100	89	90.4
			B	100	94	
			C	100	89	
			D	100	90	
			E	100	90	
9/26/2013	MdRH-B-2 Back Harbor Basin E Saltwater	75	A	100	92	93.4
			B	100	89	
			C	100	95	
			D	100	93	
			E	100	98	
9/26/2013	MdRH-B-2 Back Harbor Basin E Saltwater	100	A	100	96	94.4
			B	100	93	
			C	100	91	
			D	100	97	
			E	100	95	
9/26/2013	MdRH-B-2 Back Harbor Basin E Saltwater	Laboratory Control	A	100	84	81.8
			B	100	73	
			C	100	85	
			D	100	86	
			E	100	81	

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2013-2014
Strongylocentrotus purpuratus Fertilization (20-Minute Gamete)

QUARTERLY SUMMARY REPORT: September 2013
DRY WEATHER

Sample Date	Station Information	Percent Sample	Replicate	Number Counted	Percent Fertilized	Mean Percent Fertilization
9/26/2013	MdRH-B-3 Back Harbor Basin F Saltwater	12.5	A	100	81	82.6
			B	100	83	
			C	100	83	
			D	100	82	
			E	100	84	
9/26/2013	MdRH-B-3 Back Harbor Basin F Saltwater	25	A	100	79	82.6
			B	100	87	
			C	100	78	
			D	100	91	
			E	100	78	
9/26/2013	MdRH-B-3 Back Harbor Basin F Saltwater	50	A	100	81	84.6
			B	100	84	
			C	100	87	
			D	100	85	
			E	100	86	
9/26/2013	MdRH-B-3 Back Harbor Basin F Saltwater	75	A	100	76	81.2
			B	100	82	
			C	100	87	
			D	100	81	
			E	100	80	
9/26/2013	MdRH-B-3 Back Harbor Basin F Saltwater	100	A	100	77	82.4
			B	100	80	
			C	100	83	
			D	100	92	
			E	100	80	
9/26/2013	MdRH-B-3 Back Harbor Basin F Saltwater	Laboratory Control	A	100	89	83.6
			B	100	88	
			C	100	77	
			D	100	74	
			E	100	90	
9/26/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	12.5	A	100	64	65.0
			B	100	71	
			C	100	51	
			D	100	72	
			E	100	67	
9/26/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	25	A	100	69	69.2
			B	100	77	
			C	100	67	
			D	100	61	
			E	100	72	
9/26/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	50	A	100	82	79.6
			B	100	82	
			C	100	81	
			D	100	71	
			E	100	82	
9/26/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	75	A	100	82	82.6
			B	100	79	
			C	100	91	
			D	100	73	
			E	100	88	
9/26/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	100	A	100	88	83.0
			B	100	82	
			C	100	83	
			D	100	76	
			E	100	86	
9/26/2013	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	Laboratory Control	A	100	80	74.8
			B	100	63	
			C	100	84	
			D	100	74	
			E	100	73	

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2013-2014
Strongylocentrotus purpuratus Fertilization (20-Minute Gamete)

QUARTERLY SUMMARY REPORT: March 2014
DRY WEATHER

Sample Date	Station Information	Percent Sample	Replicate	Number Counted	Percent Fertilized	Mean Percent Fertilization
3/6/2014	MdRH-B-1 Back Harbor Basin D Saltwater	12.5	A	100	97	95.8
			B	100	95	
			C	100	96	
			D	100	93	
			E	100	98	
3/6/2014	MdRH-B-1 Back Harbor Basin D Saltwater	25	A	100	91	94.2
			B	100	93	
			C	100	97	
			D	100	91	
			E	100	99	
3/6/2014	MdRH-B-1 Back Harbor Basin D Saltwater	50	A	100	97	96.0
			B	100	97	
			C	100	96	
			D	100	94	
			E	100	96	
3/6/2014	MdRH-B-1 Back Harbor Basin D Saltwater	75	A	100	97	93.2
			B	100	91	
			C	100	94	
			D	100	91	
			E	100	93	
3/6/2014	MdRH-B-1 Back Harbor Basin D Saltwater	100	A	100	99	94.0
			B	100	91	
			C	100	94	
			D	100	92	
			E	100	94	
3/6/2014	MdRH-B-1 Back Harbor Basin D Saltwater	Laboratory Control	A	100	95	93.8
			B	100	91	
			C	100	93	
			D	100	97	
			E	100	93	
3/6/2014	MdRH-B-2 Back Harbor Basin E Saltwater	12.5	A	100	96	97.8
			B	100	99	
			C	100	99	
			D	100	96	
			E	100	99	
3/6/2014	MdRH-B-2 Back Harbor Basin E Saltwater	25	A	100	98	97.6
			B	100	97	
			C	100	97	
			D	100	97	
			E	100	99	
3/6/2014	MdRH-B-2 Back Harbor Basin E Saltwater	50	A	100	96	96.6
			B	100	99	
			C	100	97	
			D	100	94	
			E	100	97	
3/6/2014	MdRH-B-2 Back Harbor Basin E Saltwater	75	A	100	96	97.0
			B	100	96	
			C	100	98	
			D	100	99	
			E	100	96	
3/6/2014	MdRH-B-2 Back Harbor Basin E Saltwater	100	A	100	95	95.8
			B	100	96	
			C	100	96	
			D	100	95	
			E	100	97	
3/6/2014	MdRH-B-2 Back Harbor Basin E Saltwater	Laboratory Control	A	100	97	96.8
			B	100	97	
			C	100	96	
			D	100	98	
			E	100	96	

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Quarterly Sediment Toxicity Report
2013-2014
Strongylocentrotus purpuratus Fertilization (20-Minute Gamete)

QUARTERLY SUMMARY REPORT: March 2014
DRY WEATHER

Sample Date	Station Information	Percent Sample	Replicate	Number Counted	Percent Fertilized	Mean Percent Fertilization
3/6/2014	MdRH-B-3 Back Harbor Basin F Saltwater	12.5	A	100	96	95.8
			B	100	98	
			C	100	96	
			D	100	93	
			E	100	96	
3/6/2014	MdRH-B-3 Back Harbor Basin F Saltwater	25	A	100	99	94.4
			B	100	93	
			C	100	92	
			D	100	94	
			E	100	94	
3/6/2014	MdRH-B-3 Back Harbor Basin F Saltwater	50	A	100	96	93.0
			B	100	93	
			C	100	93	
			D	100	90	
			E	100	93	
3/6/2014	MdRH-B-3 Back Harbor Basin F Saltwater	75	A	100	90	93.4
			B	100	95	
			C	100	97	
			D	100	92	
			E	100	93	
3/6/2014	MdRH-B-3 Back Harbor Basin F Saltwater	100	A	100	90	93.0
			B	100	97	
			C	100	92	
			D	100	94	
			E	100	92	
3/6/2014	MdRH-B-3 Back Harbor Basin F Saltwater	Laboratory Control	A	100	98	95.2
			B	100	92	
			C	100	97	
			D	100	95	
			E	100	94	
3/6/2014	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	12.5	A	100	96	95.6
			B	100	95	
			C	100	95	
			D	100	97	
			E	100	95	
3/6/2014	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	25	A	100	97	97.6
			B	100	98	
			C	100	98	
			D	100	98	
			E	100	97	
3/6/2014	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	50	A	100	98	96.6
			B	100	99	
			C	100	93	
			D	100	96	
			E	100	97	
3/6/2014	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	75	A	100	98	95.8
			B	100	94	
			C	100	95	
			D	100	95	
			E	100	97	
3/6/2014	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	100	A	100	98	94.6
			B	100	98	
			C	100	91	
			D	100	94	
			E	100	92	
3/6/2014	MdRH-B-4 Back Harbor Basin - End of Channel Saltwater	Laboratory Control	A	100	98	95.2
			B	100	96	
			C	100	97	
			D	100	92	
			E	100	93	

Annual Report: Fish and Mussel Tissue Quality Data

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Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Ambient Monitoring - Annual Bioaccumulation Monitoring
2013 - 2014

ANNUAL SUMMARY REPORT: October 2013
DRY WEATHER

Sample Date	Station Information	Sample Information	Organics	Units	MDL	Reporting Limit	TMDL Limit [1]	Concentration
10/10/2013	MdRH-B-1	California halibut Rep #1	Lipids	percent	0.10	0.10	NL	**0.37**
		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	**100**
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**100**
			Aroclor 1260	µg/Kg	1.7	10	5.3	**68**
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**268**
10/10/2013	MdRH-B-1	California halibut Rep #2	Lipids	percent	0.10	0.10	NL	**0.46**
		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	**64**
			Aroclor 1260	µg/Kg	1.7	10	5.3	**56**
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**120**
10/10/2013	MdRH-B-1	California halibut Rep #3	Lipids	percent	0.10	0.10	NL	**0.34**
		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	**51**
			Aroclor 1260	µg/Kg	1.7	10	5.3	**48**
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**99**
10/10/2013	MdRH-B-1	Barred sand bass Rep #1	Lipids	percent	0.10	0.10	NL	**0.43**
		Paralabrax nebulifer	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	**23**
			Aroclor 1260	µg/Kg	1.7	10	5.3	**24**
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**47**
10/10/2013	MdRH-B-1	Barred sand bass Rep #2	Lipids	percent	0.10	0.10	NL	**1.1**
		Paralabrax nebulifer	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	**65**
			Aroclor 1260	µg/Kg	1.7	10	5.3	**57**
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**122**

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10/10/2013	MdRH-B-1	Mussel Rep #1	Lipids	percent	0.10	0.10	NL	**0.99**
		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
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**49**
10/10/2013	MdRH-B-1	Mussel Rep #2	Lipids	percent	0.10	0.10	NL	**2.1**
		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	**110**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**110**
10/10/2013	MdRH-B-1	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	**43**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**43**
10/10/2013	MdRH-B-1	Mussel Rep #4	Lipids	percent	0.10	0.10	NL	**2.9**
		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	**110**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**110**
10/10/2013	MdRH-B-1	Mussel Rep #5	Lipids	percent	0.10	0.10	NL	**0.99**
		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	**22**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**22**

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10/10/2013	MdRH-B-2	California halibut Rep #1	Lipids	percent	0.10	0.10	NL	**0.32**
		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	**49**
			Aroclor 1260	µg/Kg	1.7	10	5.3	**41**
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**90**
10/10/2013	MdRH-B-2	California halibut Rep #2	Lipids	percent	0.10	0.10	NL	**0.59**
		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	**43**
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**110**
			Aroclor 1260	µg/Kg	1.7	10	5.3	**80**
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**233**
10/10/2013	MdRH-B-2	California halibut Rep #3	Lipids	percent	0.10	0.10	NL	**0.82**
		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	**94**
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**160**
			Aroclor 1260	µg/Kg	1.7	10	5.3	**100**
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**354**
10/10/2013	MdRH-B-2	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	**170**
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**200**
			Aroclor 1260	µg/Kg	1.7	10	5.3	**100**
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**470**
10/10/2013	MdRH-B-2	White croaker Rep #2	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	**130**
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**190**
			Aroclor 1260	µg/Kg	1.7	10	5.3	**84**
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**404**

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10/10/2013	MdRH-B-2	Mussel Rep #1	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	**78**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**78**
10/10/2013	MdRH-B-2	Mussel Rep #2	Lipids	percent	0.10	0.10	NL	**1.4**
		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	**37**
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**64**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**101**
10/10/2013	MdRH-B-2	Mussel Rep #3	Lipids	percent	0.10	0.10	NL	**1.6**
		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	**78**
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**94**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**172**
10/10/2013	MdRH-B-2	Mussel Rep #4	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	**73**
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**150**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**223**
10/10/2013	MdRH-B-2	Mussel Rep #5	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	**51**
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**81**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**132**

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10/10/2013	MdRH-B-3	California halibut Rep #1	Lipids	percent	0.10	0.10	NL	**0.95**
		Paralichthys californicus	Aroclor 1016	µg/Kg	15	50	5.3	ND
		Dorsal muscle tissue	Aroclor 1221	µg/Kg	36	120	5.3	ND
			Aroclor 1232	µg/Kg	10	50	5.3	ND
			Aroclor 1242	µg/Kg	9.6	50	5.3	**110**
			Aroclor 1248	µg/Kg	7.5	50	5.3	ND
			Aroclor 1254	µg/Kg	9.1	50	5.3	**190**
			Aroclor 1260	µg/Kg	8.4	50	5.3	**110**
			Aroclor 1262	µg/Kg	8.1	50	5.3	ND
			Aroclor 1268	µg/Kg	15	50	5.3	ND
			Total PCBs	µg/Kg	36	120	5.3	**410**
10/10/2013	MdRH-B-3	California halibut Rep #2	Lipids	percent	0.10	0.10	NL	**0.30**
		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	**53**
			Aroclor 1260	µg/Kg	1.7	10	5.3	**44**
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**97**
10/10/2013	MdRH-B-3	Barred sand bass Rep #1	Lipids	percent	0.10	0.10	NL	**1.4**
		Paralabrax nebulifer	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	**150**
			Aroclor 1260	µg/Kg	1.7	10	5.3	**110**
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**260**
10/10/2013	MdRH-B-3	Barred sand bass Rep #2	Lipids	percent	0.10	0.10	NL	**0.73**
		Paralabrax nebulifer	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	**59**
			Aroclor 1260	µg/Kg	1.7	10	5.3	**42**
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**101**
10/10/2013	MdRH-B-3	Barred sand bass Rep #3	Lipids	percent	0.10	0.10	NL	**0.78**
		Paralabrax nebulifer	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	**46**
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**98**

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10/10/2013	MdRH-B-3	Mussel Rep #1	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	**31**
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**46**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**77**
10/10/2013	MdRH-B-3	Mussel Rep #2	Lipids	percent	0.10	0.10	NL	**1.4**
		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	**200**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	10	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**200**
10/10/2013	MdRH-B-3	Mussel Rep #3	Lipids	percent	0.10	0.10	NL	**0.82**
		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	**37**
			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
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**100**
10/10/2013	MdRH-B-3	Mussel Rep #4	Lipids	percent	0.10	0.10	NL	**1.4**
		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	**29**
			Aroclor 1248	µg/Kg	1.5	10	5.3	ND
			Aroclor 1254	µg/Kg	1.8	10	5.3	**83**
			Aroclor 1260	µg/Kg	1.7	10	5.3	ND
			Aroclor 1262	µg/Kg	1.6	25	5.3	ND
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**112**
10/10/2013	MdRH-B-3	Mussel Rep #5	Lipids	percent	0.10	0.10	NL	**0.73**
		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	**43**
			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
			Aroclor 1268	µg/Kg	2.9	10	5.3	ND
			Total PCBs	µg/Kg	7.2	25	5.3	**87**

Marina Del Rey Toxic Pollutants TMDL - Coordinated Monitoring Program
Dry-Weather Ambient Monitoring - Annual Bioaccumulation Monitoring
2013 - 2014

ANNUAL SUMMARY REPORT: October 2013 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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CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Calscience Environmental Laboratories, Inc.

7440 Lincoln Way

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

CALIFORNIA STATE

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

Certificate No.: **2803**

Expiration Date: **06/30/2016**

Effective Date: **07/01/2014**

Richmond, California
subject to forfeiture or revocation

Fred Chaski for

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

NELAP - RECOGNIZED

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7440 Lincoln Way

Garden Grove, CA 92841-1427

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"NELAP Fields of Accreditation"
which accompany this Certificate.

Continued accredited status depends on successful
ongoing participation in the program.

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

Certificate No.: **03220CA**

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

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

Richmond, California
subject to forfeiture or revocation

Fred Chaoke for

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

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7440 Lincoln Way

Garden Grove, CA 92841-1427

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ongoing participation in the program.

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

Certificate No.: **03220CA**

Expiration Date: **9/30/2014**

Effective Date: **10/1/2013**

Richmond, California
subject to forfeiture or revocation

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

CALIFORNIA STATE

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**

Richmond, California
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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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