

**CRG**

# Marine Laboratories, Inc.

"A Center for Excellence in Analytical Chemistry and Environmental Microbiology"

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November 09, 2009

Heal the Bay  
1444 9th Street  
Santa Monica, CA 90401

Re: CRG Marine Laboratories  
Heal the Bay

Project ID: HTB001-09  
Project ID: Compton Creek Watershed

ATTN: James Alamillo

CRG Laboratories is pleased to provide you with the enclosed analytical data report for your Compton Creek Watershed project. According to the chain-of-custody, 6 samples were received intact at CRG on 10/13/2009. Per your instructions, the samples were analyzed for:

- Ammonia-N Using Method SM 4500-NH3 F
- pH Using Method SM 4500 H+
- Total Hardness as CaCO3 Using Method SM 2340 B
- Total Suspended Solids Using Method SM 2540 D
- Trace Metals By ICPMS Using Method EPA 200.8m
- Polynuclear Aromatic Hydrocarbons By GCMS Using Method EPA 625m

Please don't hesitate to call if you have any questions and thank you very much for using our laboratory for your analytical needs.

Regards,  
Karen Tuttle

Reviewed and Approved \_\_\_\_\_

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## ***Project Sample List***

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***Heal the Bay***

***CRG Project ID:***     **HTB001-09**

***Project Officer:***     James Alamillo

***Project Description:***     Compton Creek Watershed

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<i><b>CRG Sample ID#</b></i>	<i><b>Client Sample ID</b></i>	<i><b>Sample Description</b></i>	<i><b>Date Sampled</b></i>	<i><b>Matrix</b></i>
89600	W1		13-Oct-09	Freshwater
89601	W2		13-Oct-09	Freshwater
89602	W3		13-Oct-09	Freshwater
89603	W4		13-Oct-09	Freshwater
89604	W5		13-Oct-09	Freshwater
89605	W6		13-Oct-09	Freshwater

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# CRG's QUALITY ASSURANCE

## PROGRAM SUMMARY

**BATCH:** CRG's Quality Assurance Program Document defines a batch as a group of 20 or fewer samples of similar matrix, processed together under the same conditions and with the same reagents. Quality control samples are associated with each batch and are used to assess the validity of the sample analyses. CRG typically uses batch sizes of 10-15 samples.

**PROCEDURAL BLANKS:** Laboratory contamination was controlled through the analysis of procedural blanks on a minimum frequency of 1 per batch. CRG's Quality Assurance Program Document requires that all procedural blanks be below 10 times the MDL and all detectable constituents in the blanks be flagged in the sample results. The Procedural Blanks are presented in the Procedural Blank section of this report.

**ACCURACY:** Accuracy of the project data was indicated by analysis of matrix spikes (MS/MSD), surrogate spikes, certified reference materials, positive controls, and/or laboratory control materials on a minimum frequency of 1 per batch. CRG's Quality Assurance Program Document requires that 95% of the target compounds greater than 10 times the MDL be within the specified acceptance limits. The Acceptance Ranges are presented in the Accuracy Data section of this report.

**PRECISION:** Precision of the project data was determined by analysis of duplicate matrix spikes, blank spikes, and/or duplicate test sample analysis on a minimum frequency of 1 per batch. CRG's Quality Assurance Program Document requires that for 95% of the compounds >10 times the MDL, the % Relative Percent Difference (%RPD) should be within the specified acceptance range. The %RPD for the duplicate test sample analysis can be significantly affected by the homogeneity of the sample matrix within the sample container itself causing additional variability in the analytical results. In these cases, the QA/QC Acceptance Limits may be exceeded. The %RPD and Acceptance Ranges are presented in the Precision Data section of this report.

**TOTAL/DISSOLVED:** In some instances, the results for the "Dissolved" fraction can be higher than the "Total" fraction for a particular parameter. This is typically caused by the analytical variation for each result and indicates that the target parameter is primarily in the dissolved phase.

### GLOSSARY OF TERMS

<u>Qualifier</u>	<u>Definition</u>
B	Analyte was detected in the associated method blank.
E	Analyte concentration exceeds the calibration range
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
M1	Recovery of the MS and/or MSD compound was out of control due to matrix interference.
M2	The MS/MSD RPD was out of control due to matrix interference.
M3	Detection of the analyte was difficult due to matrix interference.
M4	Spike or surrogate compound recovery was out of control due to matrix interference. The associated method blank spike or surrogate compound was in control and therefore the sample data was reported without further clarification.

M5	Recovery of the MS and/or MSD compound was out of control due to an unknown compound(s) in the sample that interferes with the known target compound causing an increased response.
M6	Recovery of the MS and/or MSD compound was out of control due to unknown heavy hydrocarbons detected in the sample which elevates the baseline.
ND or U NES	Parameter not detected at the indicated reporting limit. Not enough sample.
Q1	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration.
Q2	The sample RPD was out of control. Sample is heterogeneous and sample homogeneity could not be readily achieved using routine laboratory practices.
Q3	RPD values are not accurate and not applicable because the results for R1 and/or R2 are lower than 10 times the MDL.
Q4	Due to the sample rate of the instrument, the peak area was underestimated because the apex of the peak was missed. This random error has caused this compound to fail for the spike and/or precision. This failure does not indicate any significant problems with the analysis of this sample and the data passes CRG's QAPP requirements.
Q5	Precision failed due to one of the sample extractions having lower recoveries than the duplicate.
Q6	CRG's Quality Assurance Program Document allows for 5% of the target compounds greater than 10 times the MDL to be outside the specified acceptance limits for precision and/or accuracy. This is often due to random error and cannot be attributed to a specific issue.
Q7	Toxaphene results are based on a commercial Toxaphene mixture of unknown composition and therefore the concentrations listed in this report are estimated.
Q8	The result for the constituent is similar to what is seen with inadvertent sample contamination in the lab during preparation. Unfortunately, either the holding time has expired and/or there was no more sample to re-extract.

## *Qualifier Summary for*     HTB001-09

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### General Chemistry

<i>Sample ID</i>	<i>Client Sample ID</i>	<i>Qualifier</i>	<i>Parameter</i>
89605-R1	W6	J	Ammonia-N
89600-R1	W1	H	pH
89600-R2	W1	H	pH
89601-R1	W2	H	pH
89602-R1	W3	H	pH
89603-R1	W4	H	pH
89604-R1	W5	H	pH
89605-R1	W6	H	pH
89605-R1	W6	J	Total Suspended Solids

## *Qualifier Summary for*    HTB001-09

### Polynuclear Aromatic Hydrocarbons

<i>Sample ID</i>	<i>Client Sample ID</i>	<i>Qualifier</i>	<i>Parameter</i>
89605-R1	W6	J	1-Methylnaphthalene
89605-R1	W6	J	2-Methylnaphthalene
89605-R1	W6	J	Anthracene
89605-R1	W6	J	Benz[a]anthracene
89603-R1	W4	J	Benzo[a]pyrene
89605-R1	W6	J	Benzo[g,h,i]perylene
89605-R1	W6	J	Biphenyl
89605-R1	W6	J	Chrysene
89605-R1	W6	J	Fluoranthene
89605-R1	W6	J	Phenanthrene
89605-R1	W6	J	Pyrene

## *Qualifier Summary for*    HTB001-09

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### Trace Metals

<i>Sample ID</i>	<i>Client Sample ID</i>	<i>Qualifier</i>	<i>Parameter</i>
89605-R1	W6	J	Aluminum (Al)
89600-R2	W1	J	Cadmium (Cd)
89602-R1	W3	J	Cadmium (Cd)
89603-R1	W4	J	Cadmium (Cd)
89605-R1	W6	J	Chromium (Cr)
89601-R1	W2	J	Thallium (Tl)

# **DATA REPORT**



# CRG Marine Laboratories, Inc.

2020 Del Amo Blvd., Suite 200, Torrance, CA 90501-1206 (310) 533-5190 FAX (310) 533-5003

## General Chemistry

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
<b>89600-R1</b>	<b>W1</b>				<b>Freshwater</b>	<b>Sampled: 13-Oct-09</b>	<b>13:15</b>		<b>Received: 13-Oct-09</b>	
Ammonia-N	NA	3.44	0.03	0.03	mg/L	6602015	10/22/2009	10/22/2009	SM 4500-NH3 F	
pH	NA	6.7	0.1	0.1	pH Units	6616019	10/14/2009	10/14/2009	SM 4500 H+	H
Total Hardness as CaCO3	NA	145.4	1	5	mg/L	22015	10/20/2009	10/21/2009	SM 2340 B	
Total Suspended Solids	NA	802	0.5	5	mg/L	6624015	10/14/2009	10/14/2009	SM 2540 D	
<b>89601-R1</b>	<b>W2</b>				<b>Freshwater</b>	<b>Sampled: 13-Oct-09</b>	<b>13:45</b>		<b>Received: 13-Oct-09</b>	
Ammonia-N	NA	1.49	0.03	0.03	mg/L	6602015	10/22/2009	10/22/2009	SM 4500-NH3 F	
pH	NA	7.1	0.1	0.1	pH Units	6616019	10/14/2009	10/14/2009	SM 4500 H+	H
Total Hardness as CaCO3	NA	194.5	1	5	mg/L	22015	10/20/2009	10/21/2009	SM 2340 B	
Total Suspended Solids	NA	1310	0.5	5	mg/L	6624015	10/14/2009	10/14/2009	SM 2540 D	
<b>89602-R1</b>	<b>W3</b>				<b>Freshwater</b>	<b>Sampled: 13-Oct-09</b>	<b>14:10</b>		<b>Received: 13-Oct-09</b>	
Ammonia-N	NA	1.27	0.03	0.03	mg/L	6602015	10/22/2009	10/22/2009	SM 4500-NH3 F	
pH	NA	6.9	0.1	0.1	pH Units	6616019	10/14/2009	10/14/2009	SM 4500 H+	H
Total Hardness as CaCO3	NA	240.4	1	5	mg/L	22015	10/20/2009	10/21/2009	SM 2340 B	
Total Suspended Solids	NA	25.8	0.5	5	mg/L	6624015	10/14/2009	10/14/2009	SM 2540 D	
<b>89603-R1</b>	<b>W4</b>				<b>Freshwater</b>	<b>Sampled: 13-Oct-09</b>	<b>15:15</b>		<b>Received: 13-Oct-09</b>	
Ammonia-N	NA	1.58	0.03	0.03	mg/L	6602015	10/22/2009	10/22/2009	SM 4500-NH3 F	
pH	NA	7	0.1	0.1	pH Units	6616019	10/14/2009	10/14/2009	SM 4500 H+	H
Total Hardness as CaCO3	NA	220.4	1	5	mg/L	22015	10/20/2009	10/21/2009	SM 2340 B	
Total Suspended Solids	NA	25	0.5	5	mg/L	6624015	10/14/2009	10/14/2009	SM 2540 D	
<b>89604-R1</b>	<b>W5</b>				<b>Freshwater</b>	<b>Sampled: 13-Oct-09</b>	<b>15:40</b>		<b>Received: 13-Oct-09</b>	
Ammonia-N	NA	1.74	0.03	0.03	mg/L	6602015	10/22/2009	10/22/2009	SM 4500-NH3 F	
pH	NA	6.7	0.1	0.1	pH Units	6616019	10/14/2009	10/14/2009	SM 4500 H+	H

**HTB001-09** Compton Creek Watershed

# CRG Marine Laboratories, Inc.

2020 Del Amo Blvd., Suite 200, Torrance, CA 90501-1206 (310) 533-5190 FAX (310) 533-5003

## General Chemistry

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
Total Hardness as CaCO3	NA	225.7	1	5	mg/L	22015	10/20/2009	10/21/2009	SM 2340 B	
Total Suspended Solids	NA	74.5	0.5	5	mg/L	6624015	10/14/2009	10/14/2009	SM 2540 D	
<b>89605-R1</b>	<b>W6</b>				<b>Freshwater</b>	<b>Sampled: 13-Oct-09</b>	<b>16:15</b>		<b>Received: 13-Oct-09</b>	
Ammonia-N	NA	0.03	0.03	0.03	mg/L	6602015	10/22/2009	10/22/2009	SM 4500-NH3 F	J
pH	NA	7.1	0.1	0.1	pH Units	6616019	10/14/2009	10/14/2009	SM 4500 H+	H
Total Hardness as CaCO3	NA	214	1	5	mg/L	22015	10/20/2009	10/21/2009	SM 2340 B	
Total Suspended Solids	NA	2.8	0.5	5	mg/L	6624015	10/14/2009	10/14/2009	SM 2540 D	J

# CRG Marine Laboratories, Inc.

2020 Del Amo Blvd., Suite 200, Torrance, CA 90501-1206 (310) 533-5190 FAX (310) 533-5003

## Polynuclear Aromatic Hydrocarbons

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
<b>89603-R1</b>	<b>W4</b>				<b>Freshwater</b>	<b>Sampled: 13-Oct-09</b>	<b>15:15</b>		<b>Received: 13-Oct-09</b>	
(d10-Acenaphthene)	Total	80			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
(d10-Phenanthrene)	Total	91			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
(d12-Chrysene)	Total	109			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
(d12-Perylene)	Total	82			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
(d8-Naphthalene)	Total	68			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
1-Methylnaphthalene	Total	25.3	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
1-Methylphenanthrene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
2,6-Dimethylnaphthalene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
2-Methylnaphthalene	Total	6	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Acenaphthene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Acenaphthylene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Anthracene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Benz[a]anthracene	Total	5.2	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Benzo[a]pyrene	Total	2.5	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	J
Benzo[b]fluoranthene	Total	7.2	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Benzo[e]pyrene	Total	9	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Benzo[g,h,i]perylene	Total	7.1	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Benzo[k]fluoranthene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Biphenyl	Total	25.8	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Chrysene	Total	8.1	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Dibenz[a,h]anthracene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Dibenzothiophene	Total	58.1	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Fluoranthene	Total	18.5	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Fluorene	Total	5.4	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Indeno[1,2,3-c,d]pyrene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	

HTB001-09 Compton Creek Watershed

# CRG Marine Laboratories, Inc.

2020 Del Amo Blvd., Suite 200, Torrance, CA 90501-1206 (310) 533-5190 FAX (310) 533-5003

## Polynuclear Aromatic Hydrocarbons

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
Naphthalene	Total	10.7	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Perylene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Phenanthrene	Total	19.8	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Pyrene	Total	30.6	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	

89604-R1	W5	Freshwater			Sampled: 13-Oct-09		15:40	Received: 13-Oct-09		
(d10-Acenaphthene)	Total	76			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
(d10-Phenanthrene)	Total	91			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
(d12-Chrysene)	Total	96			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
(d12-Perylene)	Total	83			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
(d8-Naphthalene)	Total	64			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
1-Methylnaphthalene	Total	35.3	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
1-Methylphenanthrene	Total	28.4	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
2,6-Dimethylnaphthalene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
2-Methylnaphthalene	Total	31.2	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Acenaphthene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Acenaphthylene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Anthracene	Total	19.4	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Benz[a]anthracene	Total	21.3	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Benzo[a]pyrene	Total	10.3	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Benzo[b]fluoranthene	Total	41.1	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Benzo[e]pyrene	Total	34	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Benzo[g,h,i]perylene	Total	48.5	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Benzo[k]fluoranthene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Biphenyl	Total	41.2	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Chrysene	Total	56	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Dibenz[a,h]anthracene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	

HTB001-09 Compton Creek Watershed

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## Polynuclear Aromatic Hydrocarbons

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
Dibenzothiophene	Total	109.9	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Fluoranthene	Total	62.2	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Fluorene	Total	20	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Indeno[1,2,3-c,d]pyrene	Total	21.9	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Naphthalene	Total	45.2	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Perylene	Total	61.1	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Phenanthrene	Total	106.7	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Pyrene	Total	98.4	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	

89605-R1 W6

Freshwater

Sampled: 13-Oct-09 16:15

Received: 13-Oct-09

(d10-Acenaphthene)	Total	78			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
(d10-Phenanthrene)	Total	91			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
(d12-Chrysene)	Total	110			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
(d12-Perylene)	Total	92			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
(d8-Naphthalene)	Total	63			% Recovery	51133	10/16/2009	10/30/2009	EPA 625m	
1-Methylnaphthalene	Total	2.1	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	J
1-Methylphenanthrene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
2,3,5-Trimethylnaphthalene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
2,6-Dimethylnaphthalene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
2-Methylnaphthalene	Total	1.4	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	J
Acenaphthene	Total	5.2	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Acenaphthylene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Anthracene	Total	1.1	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	J
Benz[a]anthracene	Total	2.6	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	J
Benzo[a]pyrene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Benzo[b]fluoranthene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Benzo[e]pyrene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Benzo[g,h,i]perylene	Total	2.4	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	J

HTB001-09 Compton Creek Watershed

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2020 Del Amo Blvd., Suite 200, Torrance, CA 90501-1206 (310) 533-5190 FAX (310) 533-5003

## Polynuclear Aromatic Hydrocarbons

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
Benzo[k]fluoranthene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Biphenyl	Total	1.2	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	J
Chrysene	Total	1.4	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	J
Dibenz[a,h]anthracene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Dibenzothiophene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Fluoranthene	Total	3.2	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	J
Fluorene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Indeno[1,2,3-c,d]pyrene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Naphthalene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Perylene	Total	ND	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	
Phenanthrene	Total	1.5	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	J
Pyrene	Total	3	1	5	ng/L	51133	10/16/2009	10/30/2009	EPA 625m	J

# CRG Marine Laboratories, Inc.

2020 Del Amo Blvd., Suite 200, Torrance, CA 90501-1206 (310) 533-5190 FAX (310) 533-5003

## Trace Metals

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
<b>89600-R1</b>	<b>W1</b>				<b>Freshwater</b>	<b>Sampled: 13-Oct-09</b>	<b>13:15</b>		<b>Received: 13-Oct-09</b>	
Aluminum (Al)	Total	6061	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Aluminum (Al)	Dissolved	139	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Antimony (Sb)	Total	7.5	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Antimony (Sb)	Dissolved	6.5	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Arsenic (As)	Total	5.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Arsenic (As)	Dissolved	4.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Barium (Ba)	Total	353.6	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Barium (Ba)	Dissolved	80.3	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Beryllium (Be)	Total	0.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Beryllium (Be)	Dissolved	ND	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cadmium (Cd)	Total	1.8	0.2	0.4	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cadmium (Cd)	Dissolved	ND	0.2	0.4	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Chromium (Cr)	Total	12.6	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Chromium (Cr)	Dissolved	3.7	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cobalt (Co)	Total	11	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cobalt (Co)	Dissolved	4.3	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Copper (Cu)	Total	222.7	0.4	0.8	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Copper (Cu)	Dissolved	60.4	0.4	0.8	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Iron (Fe)	Total	7482	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Iron (Fe)	Dissolved	680	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Lead (Pb)	Total	116.68	0.05	0.1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Lead (Pb)	Dissolved	5.32	0.05	0.1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Manganese (Mn)	Total	693.6	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Manganese (Mn)	Dissolved	312.7	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Molybdenum (Mo)	Total	12.1	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Molybdenum (Mo)	Dissolved	18.3	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	

**HTB001-09**      **Compton Creek Watershed**

# CRG Marine Laboratories, Inc.

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## Trace Metals

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
Nickel (Ni)	Total	51.9	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Nickel (Ni)	Dissolved	36.6	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Selenium (Se)	Total	0.7	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Selenium (Se)	Dissolved	2.3	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Silver (Ag)	Total	ND	0.5	1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Silver (Ag)	Dissolved	ND	0.5	1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Strontium (Sr)	Total	755.5	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Strontium (Sr)	Dissolved	565.6	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Thallium (Tl)	Total	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Thallium (Tl)	Dissolved	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Tin (Sn)	Total	0.8	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Tin (Sn)	Dissolved	0.5	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Titanium (Ti)	Total	107.3	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Titanium (Ti)	Dissolved	6.4	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Vanadium (V)	Total	46.4	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Vanadium (V)	Dissolved	18.9	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Zinc (Zn)	Total	1147.8	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Zinc (Zn)	Dissolved	386.3	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	

89601-R1

W2

Freshwater

Sampled: 13-Oct-09

13:45

Received: 13-Oct-09

Aluminum (Al)	Total	8697	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Aluminum (Al)	Dissolved	71	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Antimony (Sb)	Total	7.5	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Antimony (Sb)	Dissolved	8.7	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Arsenic (As)	Total	9.4	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Arsenic (As)	Dissolved	4.9	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Barium (Ba)	Total	646.4	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Barium (Ba)	Dissolved	78.1	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	

HTB001-09

Compton Creek Watershed



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## Trace Metals

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
Beryllium (Be)	Total	0.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Beryllium (Be)	Dissolved	ND	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cadmium (Cd)	Total	6.1	0.2	0.4	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cadmium (Cd)	Dissolved	ND	0.2	0.4	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Chromium (Cr)	Total	23.9	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Chromium (Cr)	Dissolved	3.7	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cobalt (Co)	Total	14.7	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cobalt (Co)	Dissolved	3.5	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Copper (Cu)	Total	371.2	0.4	0.8	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Copper (Cu)	Dissolved	19	0.4	0.8	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Iron (Fe)	Total	14480	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Iron (Fe)	Dissolved	899	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Lead (Pb)	Total	325.98	0.05	0.1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Lead (Pb)	Dissolved	4.37	0.05	0.1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Manganese (Mn)	Total	943.8	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Manganese (Mn)	Dissolved	328.1	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Molybdenum (Mo)	Total	9.9	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Molybdenum (Mo)	Dissolved	19.3	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Nickel (Ni)	Total	86.1	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Nickel (Ni)	Dissolved	26.9	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Selenium (Se)	Total	1.6	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Selenium (Se)	Dissolved	2.8	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Silver (Ag)	Total	ND	0.5	1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Silver (Ag)	Dissolved	ND	0.5	1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Strontium (Sr)	Total	950.8	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Strontium (Sr)	Dissolved	530.8	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Thallium (Tl)	Total	0.1	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	J
Thallium (Tl)	Dissolved	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	

HTB001-09 Compton Creek Watershed

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## Trace Metals

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
Tin (Sn)	Total	1.3	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Tin (Sn)	Dissolved	0.6	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Titanium (Ti)	Total	131.3	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Titanium (Ti)	Dissolved	5.6	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Vanadium (V)	Total	43.9	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Vanadium (V)	Dissolved	13.1	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Zinc (Zn)	Total	2830.8	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Zinc (Zn)	Dissolved	111.1	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	

<b>89602-R1</b>	<b>W3</b>	<b>Freshwater</b>			<b>Sampled: 13-Oct-09</b>		<b>14:10</b>	<b>Received: 13-Oct-09</b>		
Aluminum (Al)	Total	805	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Aluminum (Al)	Dissolved	330	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Antimony (Sb)	Total	8.3	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Antimony (Sb)	Dissolved	7.7	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Arsenic (As)	Total	4.1	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Arsenic (As)	Dissolved	4.2	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Barium (Ba)	Total	162.3	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Barium (Ba)	Dissolved	141	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Beryllium (Be)	Total	ND	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Beryllium (Be)	Dissolved	ND	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cadmium (Cd)	Total	0.6	0.2	0.4	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cadmium (Cd)	Dissolved	0.2	0.2	0.4	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	J
Chromium (Cr)	Total	8.4	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Chromium (Cr)	Dissolved	7	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cobalt (Co)	Total	4.8	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cobalt (Co)	Dissolved	4.5	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Copper (Cu)	Total	168.6	0.4	0.8	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Copper (Cu)	Dissolved	68.1	0.4	0.8	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	

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## Trace Metals

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
Iron (Fe)	Total	1655	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Iron (Fe)	Dissolved	1127	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Lead (Pb)	Total	15.6	0.05	0.1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Lead (Pb)	Dissolved	7.74	0.05	0.1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Manganese (Mn)	Total	300.3	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Manganese (Mn)	Dissolved	287.2	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Molybdenum (Mo)	Total	31.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Molybdenum (Mo)	Dissolved	28.9	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Nickel (Ni)	Total	64.1	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Nickel (Ni)	Dissolved	63.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Selenium (Se)	Total	1.3	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Selenium (Se)	Dissolved	2.2	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Silver (Ag)	Total	ND	0.5	1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Silver (Ag)	Dissolved	ND	0.5	1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Strontium (Sr)	Total	890.9	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Strontium (Sr)	Dissolved	885.3	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Thallium (Tl)	Total	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Thallium (Tl)	Dissolved	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Tin (Sn)	Total	1.1	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Tin (Sn)	Dissolved	1.1	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Titanium (Ti)	Total	42.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Titanium (Ti)	Dissolved	10.7	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Vanadium (V)	Total	25.4	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Vanadium (V)	Dissolved	22.6	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Zinc (Zn)	Total	1034.8	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Zinc (Zn)	Dissolved	852.8	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	

89603-R1

W4

Freshwater

Sampled: 13-Oct-09

15:15

Received: 13-Oct-09

HTB001-09

Compton Creek Watershed

# CRG Marine Laboratories, Inc.

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## Trace Metals

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
Aluminum (Al)	Total	548	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Aluminum (Al)	Dissolved	124	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Antimony (Sb)	Total	5.8	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Antimony (Sb)	Dissolved	5.3	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Arsenic (As)	Total	3.7	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Arsenic (As)	Dissolved	3.4	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Barium (Ba)	Total	131.6	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Barium (Ba)	Dissolved	115.3	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Beryllium (Be)	Total	ND	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Beryllium (Be)	Dissolved	ND	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cadmium (Cd)	Total	0.7	0.2	0.4	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cadmium (Cd)	Dissolved	0.2	0.2	0.4	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	J
Chromium (Cr)	Total	9.2	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Chromium (Cr)	Dissolved	7.5	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cobalt (Co)	Total	2.1	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cobalt (Co)	Dissolved	1.9	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Copper (Cu)	Total	46.6	0.4	0.8	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Copper (Cu)	Dissolved	17.3	0.4	0.8	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Iron (Fe)	Total	1338	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Iron (Fe)	Dissolved	785	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Lead (Pb)	Total	10.33	0.05	0.1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Lead (Pb)	Dissolved	4.87	0.05	0.1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Manganese (Mn)	Total	247.6	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Manganese (Mn)	Dissolved	238.2	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Molybdenum (Mo)	Total	23.1	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Molybdenum (Mo)	Dissolved	20.7	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Nickel (Ni)	Total	27.4	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Nickel (Ni)	Dissolved	26.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	

HTB001-09 Compton Creek Watershed

# CRG Marine Laboratories, Inc.

2020 Del Amo Blvd., Suite 200, Torrance, CA 90501-1206 (310) 533-5190 FAX (310) 533-5003

## Trace Metals

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
Selenium (Se)	Total	0.9	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Selenium (Se)	Dissolved	1.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Silver (Ag)	Total	ND	0.5	1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Silver (Ag)	Dissolved	ND	0.5	1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Strontium (Sr)	Total	679.5	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Strontium (Sr)	Dissolved	682.4	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Thallium (Tl)	Total	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Thallium (Tl)	Dissolved	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Tin (Sn)	Total	0.8	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Tin (Sn)	Dissolved	0.6	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Titanium (Ti)	Total	33.6	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Titanium (Ti)	Dissolved	5.8	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Vanadium (V)	Total	11.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Vanadium (V)	Dissolved	9.7	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Zinc (Zn)	Total	348.3	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Zinc (Zn)	Dissolved	251.5	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	

**89604-R1**      **W5**      **Freshwater**      **Sampled: 13-Oct-09**      **15:40**      **Received: 13-Oct-09**

Aluminum (Al)	Total	1049	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Aluminum (Al)	Dissolved	255	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Antimony (Sb)	Total	12.3	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Antimony (Sb)	Dissolved	11	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Arsenic (As)	Total	5.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Arsenic (As)	Dissolved	5.2	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Barium (Ba)	Total	200.3	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Barium (Ba)	Dissolved	156.1	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Beryllium (Be)	Total	ND	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Beryllium (Be)	Dissolved	ND	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	

**HTB001-09**      **Compton Creek Watershed**

# CRG Marine Laboratories, Inc.

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## Trace Metals

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
Cadmium (Cd)	Total	1.2	0.2	0.4	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cadmium (Cd)	Dissolved	0.4	0.2	0.4	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Chromium (Cr)	Total	12.6	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Chromium (Cr)	Dissolved	9.7	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cobalt (Co)	Total	4.6	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cobalt (Co)	Dissolved	4.2	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Copper (Cu)	Total	115.9	0.4	0.8	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Copper (Cu)	Dissolved	36.8	0.4	0.8	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Iron (Fe)	Total	2773	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Iron (Fe)	Dissolved	1666	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Lead (Pb)	Total	28.24	0.05	0.1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Lead (Pb)	Dissolved	13.69	0.05	0.1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Manganese (Mn)	Total	417.4	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Manganese (Mn)	Dissolved	395.7	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Molybdenum (Mo)	Total	29.7	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Molybdenum (Mo)	Dissolved	27.1	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Nickel (Ni)	Total	64.3	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Nickel (Ni)	Dissolved	62.4	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Selenium (Se)	Total	2.1	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Selenium (Se)	Dissolved	2	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Silver (Ag)	Total	ND	0.5	1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Silver (Ag)	Dissolved	ND	0.5	1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Strontium (Sr)	Total	696.2	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Strontium (Sr)	Dissolved	687.3	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Thallium (Tl)	Total	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Thallium (Tl)	Dissolved	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Tin (Sn)	Total	1.7	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Tin (Sn)	Dissolved	1.4	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	

HTB001-09 Compton Creek Watershed

# CRG Marine Laboratories, Inc.

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## Trace Metals

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
Titanium (Ti)	Total	65.2	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Titanium (Ti)	Dissolved	9.8	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Vanadium (V)	Total	21.4	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Vanadium (V)	Dissolved	17.9	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Zinc (Zn)	Total	914	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Zinc (Zn)	Dissolved	805.3	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
<b>89605-R1 W6</b>		<b>Freshwater</b>		<b>Sampled: 13-Oct-09 16:15</b>		<b>Received: 13-Oct-09</b>				
Aluminum (Al)	Total	89	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Aluminum (Al)	Dissolved	9	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	J
Antimony (Sb)	Total	1.3	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Antimony (Sb)	Dissolved	1.3	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Arsenic (As)	Total	2.2	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Arsenic (As)	Dissolved	1.8	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Barium (Ba)	Total	95.8	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Barium (Ba)	Dissolved	90.7	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Beryllium (Be)	Total	ND	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Beryllium (Be)	Dissolved	ND	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cadmium (Cd)	Total	ND	0.2	0.4	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cadmium (Cd)	Dissolved	ND	0.2	0.4	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Chromium (Cr)	Total	0.2	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	J
Chromium (Cr)	Dissolved	0.2	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	J
Cobalt (Co)	Total	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Cobalt (Co)	Dissolved	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Copper (Cu)	Total	1.7	0.4	0.8	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Copper (Cu)	Dissolved	1.1	0.4	0.8	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Iron (Fe)	Total	221	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Iron (Fe)	Dissolved	120	5	10	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	

**HTB001-09 Compton Creek Watershed**

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## Trace Metals

### ANALYTICAL REPORT

Analyte	Fraction	Result	MDL	RL	Units	Batch	Prepared	Analyzed	Method	QA Code
Lead (Pb)	Total	2.97	0.05	0.1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Lead (Pb)	Dissolved	0.87	0.05	0.1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Manganese (Mn)	Total	18	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Manganese (Mn)	Dissolved	10.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Molybdenum (Mo)	Total	11	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Molybdenum (Mo)	Dissolved	10.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Nickel (Ni)	Total	2.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Nickel (Ni)	Dissolved	2.3	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Selenium (Se)	Total	ND	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Selenium (Se)	Dissolved	ND	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Silver (Ag)	Total	ND	0.5	1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Silver (Ag)	Dissolved	ND	0.5	1	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Strontium (Sr)	Total	697.7	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Strontium (Sr)	Dissolved	677	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Thallium (Tl)	Total	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Thallium (Tl)	Dissolved	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Tin (Sn)	Total	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Tin (Sn)	Dissolved	ND	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Titanium (Ti)	Total	3.9	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Titanium (Ti)	Dissolved	0.8	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Vanadium (V)	Total	1.6	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Vanadium (V)	Dissolved	1.5	0.2	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Zinc (Zn)	Total	19.5	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	
Zinc (Zn)	Dissolved	15.8	0.1	0.5	µg/L	22015	10/20/2009	10/21/2009	EPA 200.8m	



# **QUALITY CONTROL REPORT**

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## QUALITY CONTROL REPORT

**HTB001-09    Compton Creek Watershed**

# CRG Marine Laboratories, Inc.

2020 Del Amo Blvd., Suite 200, Torrance, CA 90501-1206 (310) 533-5190 FAX (310) 533-5003

## General Chemistry

### QUALITY CONTROL REPORT

Analyte	Batch ID	Result	MDL	RL	Units	Spike Level	Source Result	% Recovery	Acceptance Limits	Limit Pass/Fail	RPD	RPD LIMIT	Limit Pass/Fail	QA Code
<b>pH</b> Prepared: 14-Oct-09 Analyzed: 14-Oct-09	6616019	6.8	0.1	0.1	pH Units						1	30	PASS	H
<b>Total Hardness as CaCO<sub>3</sub></b> Prepared: 20-Oct-09 Analyzed: 21-Oct-09	22015	148	1	5	mg/L						2	30	PASS	
<b>Total Suspended Solids</b> Prepared: 14-Oct-09 Analyzed: 14-Oct-09	6624015	808	0.5	5	mg/L						1	30	PASS	

# CRG Marine Laboratories, Inc.

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## Polynuclear Aromatic Hydrocarbons

### QUALITY CONTROL REPORT

Analyte	Fraction	Batch ID	Result	MDL	RL	Units	Spike Level	Source Result	% Recovery	Acceptance Limits	Limit Pass/Fail	RPD	RPD LIMIT	Limit Pass/Fail	QA Code
<b>Lab Blank</b>			<b>QAQC Procedural Blank</b>			<b>DI Water</b>			<b>Prepared 10/16/2009</b>			<b>Analyzed 30-Oct-09</b>			
(d10-Acenaphthene)	Total	51133	76			% Recovery	100		76	63 - 111%	PASS				
(d10-Phenanthrene)	Total	51133	85			% Recovery	100		85	61 - 127%	PASS				
(d12-Chrysene)	Total	51133	103			% Recovery	100		103	56 - 139%	PASS				
(d12-Perylene)	Total	51133	82			% Recovery	100		82	41 - 133%	PASS				
(d8-Naphthalene)	Total	51133	68			% Recovery	100		68	30 - 114%	PASS				
1-Methylnaphthalene	Total	51133	ND	1	5	ng/L									
1-Methylphenanthrene	Total	51133	ND	1	5	ng/L									
2,3,5-Trimethylnaphthalene	Total	51133	ND	1	5	ng/L									
2,6-Dimethylnaphthalene	Total	51133	ND	1	5	ng/L									
2-Methylnaphthalene	Total	51133	ND	1	5	ng/L									
Acenaphthene	Total	51133	ND	1	5	ng/L									
Acenaphthylene	Total	51133	ND	1	5	ng/L									
Anthracene	Total	51133	ND	1	5	ng/L									
Benz[a]anthracene	Total	51133	ND	1	5	ng/L									
Benzo[a]pyrene	Total	51133	ND	1	5	ng/L									
Benzo[b]fluoranthene	Total	51133	ND	1	5	ng/L									
Benzo[e]pyrene	Total	51133	ND	1	5	ng/L									
Benzo[g,h,i]perylene	Total	51133	ND	1	5	ng/L									
Benzo[k]fluoranthene	Total	51133	ND	1	5	ng/L									
Biphenyl	Total	51133	ND	1	5	ng/L									
Chrysene	Total	51133	ND	1	5	ng/L									
Dibenz[a,h]anthracene	Total	51133	ND	1	5	ng/L									
Dibenzothiophene	Total	51133	ND	1	5	ng/L									
Fluoranthene	Total	51133	ND	1	5	ng/L									
Fluorene	Total	51133	ND	1	5	ng/L									

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## Polynuclear Aromatic Hydrocarbons

### QUALITY CONTROL REPORT

Analyte	Fraction	Batch ID	Result	MDL	RL	Units	Spike Level	Source Result	% Recovery	Acceptance Limits	Limit Pass/Fail	RPD	RPD LIMIT	Limit Pass/Fail	QA Code
Indeno[1,2,3-c,d]pyrene	Total	51133	ND	1	5	ng/L									
Naphthalene	Total	51133	ND	1	5	ng/L									
Perylene	Total	51133	ND	1	5	ng/L									
Phenanthrene	Total	51133	ND	1	5	ng/L									
Pyrene	Total	51133	ND	1	5	ng/L									

Blank Spike		89599-BS1		QAQC Procedural Blank			Prepared 10/16/2009			Analyzed 30-Oct-09	
				DI Water							
(d10-Acenaphthene)	Total	51133	88			% Recovery	100	0	88	63 - 111%	PASS
(d10-Phenanthrene)	Total	51133	93			% Recovery	100	0	93	61 - 127%	PASS
(d12-Chrysene)	Total	51133	96			% Recovery	100	0	96	56 - 139%	PASS
(d12-Perylene)	Total	51133	92			% Recovery	100	0	92	41 - 133%	PASS
(d8-Naphthalene)	Total	51133	81			% Recovery	100	0	81	30 - 114%	PASS
1-Methylnaphthalene	Total	51133	291.3	1	5	ng/L	308.6	0	94	55 - 115%	PASS
1-Methylphenanthrene	Total	51133	305.6	1	5	ng/L	308.6	0	99	65 - 133%	PASS
2,3,5-Trimethylnaphthalene	Total	51133	312.2	1	5	ng/L	308.6	0	101	60 - 121%	PASS
2,6-Dimethylnaphthalene	Total	51133	301.2	1	5	ng/L	308.6	0	98	56 - 114%	PASS
2-Methylnaphthalene	Total	51133	294.5	1	5	ng/L	308.6	0	95	44 - 124%	PASS
Acenaphthene	Total	51133	297.8	1	5	ng/L	308.6	0	97	61 - 116%	PASS
Acenaphthylene	Total	51133	294.4	1	5	ng/L	308.6	0	95	62 - 115%	PASS
Anthracene	Total	51133	282	1	5	ng/L	308.6	0	91	64 - 112%	PASS
Benz[a]anthracene	Total	51133	299.8	1	5	ng/L	308.6	0	97	56 - 151%	PASS
Benzo[a]pyrene	Total	51133	307.2	1	5	ng/L	308.6	0	100	50 - 153%	PASS
Benzo[b]fluoranthene	Total	51133	311.8	1	5	ng/L	308.6	0	101	45 - 155%	PASS
Benzo[e]pyrene	Total	51133	328.6	1	5	ng/L	308.6	0	106	49 - 146%	PASS
Benzo[g,h,i]perylene	Total	51133	318	1	5	ng/L	308.6	0	103	45 - 165%	PASS
Benzo[k]fluoranthene	Total	51133	320.8	1	5	ng/L	308.6	0	104	61 - 143%	PASS
Biphenyl	Total	51133	297.6	1	5	ng/L	308.6	0	96	47 - 118%	PASS

HTB001-09 Compton Creek Watershed

# CRG Marine Laboratories, Inc.

2020 Del Amo Blvd., Suite 200, Torrance, CA 90501-1206 (310) 533-5190 FAX (310) 533-5003

## Polynuclear Aromatic Hydrocarbons

### QUALITY CONTROL REPORT

Analyte	Fraction	Batch ID	Result	MDL	RL	Units	Spike Level	Source Result	% Recovery	Acceptance Limits	Limit Pass/Fail	RPD	RPD LIMIT	Limit Pass/Fail	QA Code
Chrysene	Total	51133	286.4	1	5	ng/L	308.6	0	93	47 - 144%	PASS				
Dibenz[a,h]anthracene	Total	51133	296.8	1	5	ng/L	308.6	0	96	52 - 156%	PASS				
Dibenzothiophene	Total	51133	311.9	1	5	ng/L	308.6	0	101	54 - 136%	PASS				
Fluoranthene	Total	51133	307.8	1	5	ng/L	308.6	0	100	66 - 132%	PASS				
Fluorene	Total	51133	308.9	1	5	ng/L	308.6	0	100	60 - 122%	PASS				
Indeno[1,2,3-c,d]pyrene	Total	51133	308.9	1	5	ng/L	308.6	0	100	53 - 161%	PASS				
Naphthalene	Total	51133	280.2	1	5	ng/L	308.6	0	91	41 - 109%	PASS				
Perylene	Total	51133	299.4	1	5	ng/L	308.6	0	97	51 - 144%	PASS				
Phenanthrene	Total	51133	308.1	1	5	ng/L	308.6	0	100	56 - 127%	PASS				
Pyrene	Total	51133	302.3	1	5	ng/L	308.6	0	98	13 - 168%	PASS				

Blank Spike Dup 89599-BS2			QAQC Procedural Blank DI Water				Prepared 10/16/2009				Analyzed 30-Oct-09			
(d10-Acenaphthene)	Total	51133	80			% Recovery	100	0	80	63 - 111%	PASS	10	30	PASS
(d10-Phenanthrene)	Total	51133	89			% Recovery	100	0	89	61 - 127%	PASS	4	30	PASS
(d12-Chrysene)	Total	51133	100			% Recovery	100	0	100	56 - 139%	PASS	4	30	PASS
(d12-Perylene)	Total	51133	89			% Recovery	100	0	89	41 - 133%	PASS	3	30	PASS
(d8-Naphthalene)	Total	51133	70			% Recovery	100	0	70	30 - 114%	PASS	15	30	PASS
1-Methylnaphthalene	Total	51133	262.2	1	5	ng/L	308.6	0	85	55 - 115%	PASS	10	30	PASS
1-Methylphenanthrene	Total	51133	298.2	1	5	ng/L	308.6	0	97	65 - 133%	PASS	2	30	PASS
2,3,5-Trimethylnaphthalene	Total	51133	288.2	1	5	ng/L	308.6	0	93	60 - 121%	PASS	8	30	PASS
2,6-Dimethylnaphthalene	Total	51133	276.3	1	5	ng/L	308.6	0	90	56 - 114%	PASS	9	30	PASS
2-Methylnaphthalene	Total	51133	273	1	5	ng/L	308.6	0	88	44 - 124%	PASS	8	30	PASS
Acenaphthene	Total	51133	274.8	1	5	ng/L	308.6	0	89	61 - 116%	PASS	8	30	PASS
Acenaphthylene	Total	51133	277.9	1	5	ng/L	308.6	0	90	62 - 115%	PASS	5	30	PASS
Anthracene	Total	51133	277.4	1	5	ng/L	308.6	0	90	64 - 112%	PASS	1	30	PASS
Benz[a]anthracene	Total	51133	312.1	1	5	ng/L	308.6	0	101	56 - 151%	PASS	4	30	PASS
Benzo[a]pyrene	Total	51133	297.6	1	5	ng/L	308.6	0	96	50 - 153%	PASS	4	30	PASS

HTB001-09 Compton Creek Watershed

# CRG Marine Laboratories, Inc.

2020 Del Amo Blvd., Suite 200, Torrance, CA 90501-1206 (310) 533-5190 FAX (310) 533-5003

## Polynuclear Aromatic Hydrocarbons

### QUALITY CONTROL REPORT

Analyte	Fraction	Batch ID	Result	MDL	RL	Units	Spike Level	Source Result	% Recovery	Acceptance Limits	Limit Pass/Fail	RPD	RPD LIMIT	Limit Pass/Fail	QA Code
Benzo[b]fluoranthene	Total	51133	303.5	1	5	ng/L	308.6	0	98	45 - 155%	PASS	3	30	PASS	
Benzo[e]pyrene	Total	51133	322.1	1	5	ng/L	308.6	0	104	49 - 146%	PASS	2	30	PASS	
Benzo[g,h,i]perylene	Total	51133	291.2	1	5	ng/L	308.6	0	94	45 - 165%	PASS	9	30	PASS	
Benzo[k]fluoranthene	Total	51133	311.2	1	5	ng/L	308.6	0	101	61 - 143%	PASS	3	30	PASS	
Biphenyl	Total	51133	271.6	1	5	ng/L	308.6	0	88	47 - 118%	PASS	9	30	PASS	
Chrysene	Total	51133	304.4	1	5	ng/L	308.6	0	99	47 - 144%	PASS	6	30	PASS	
Dibenz[a,h]anthracene	Total	51133	263.6	1	5	ng/L	308.6	0	85	52 - 156%	PASS	12	30	PASS	
Dibenzothiophene	Total	51133	301.6	1	5	ng/L	308.6	0	98	54 - 136%	PASS	3	30	PASS	
Fluoranthene	Total	51133	319.4	1	5	ng/L	308.6	0	103	66 - 132%	PASS	3	30	PASS	
Fluorene	Total	51133	285.9	1	5	ng/L	308.6	0	93	60 - 122%	PASS	7	30	PASS	
Indeno[1,2,3-c,d]pyrene	Total	51133	283.6	1	5	ng/L	308.6	0	92	53 - 161%	PASS	8	30	PASS	
Naphthalene	Total	51133	246.8	1	5	ng/L	308.6	0	80	41 - 109%	PASS	13	30	PASS	
Perylene	Total	51133	300.7	1	5	ng/L	308.6	0	97	51 - 144%	PASS	0	30	PASS	
Phenanthrene	Total	51133	298.6	1	5	ng/L	308.6	0	97	56 - 127%	PASS	3	30	PASS	
Pyrene	Total	51133	318.6	1	5	ng/L	308.6	0	103	13 - 168%	PASS	5	30	PASS	

# CRG Marine Laboratories, Inc.

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## Trace Metals

### QUALITY CONTROL REPORT

Analyte	Fraction	Batch ID	Result	MDL	RL	Units	Spike Level	Source Result	% Recovery	Acceptance Limits	Limit Pass/Fail	RPD	RPD LIMIT	Limit Pass/Fail	QA Code
Lab Blank			89599-B1				QAQC Procedural Blank				Prepared 10/20/2009		Analyzed 21-Oct-09		
			DI Water												
Aluminum (Al)	Total	22015	ND	5	10	µg/L									
Aluminum (Al)	Dissolved	22015	ND	5	10	µg/L									
Antimony (Sb)	Total	22015	ND	0.1	0.5	µg/L									
Antimony (Sb)	Dissolved	22015	ND	0.1	0.5	µg/L									
Arsenic (As)	Total	22015	ND	0.2	0.5	µg/L									
Arsenic (As)	Dissolved	22015	ND	0.2	0.5	µg/L									
Barium (Ba)	Total	22015	ND	0.2	0.5	µg/L									
Barium (Ba)	Dissolved	22015	ND	0.2	0.5	µg/L									
Beryllium (Be)	Total	22015	ND	0.2	0.5	µg/L									
Beryllium (Be)	Dissolved	22015	ND	0.2	0.5	µg/L									
Cadmium (Cd)	Total	22015	ND	0.2	0.4	µg/L									
Cadmium (Cd)	Dissolved	22015	ND	0.2	0.4	µg/L									
Chromium (Cr)	Total	22015	ND	0.1	0.5	µg/L									
Chromium (Cr)	Dissolved	22015	ND	0.1	0.5	µg/L									
Cobalt (Co)	Total	22015	ND	0.1	0.5	µg/L									
Cobalt (Co)	Dissolved	22015	ND	0.1	0.5	µg/L									
Copper (Cu)	Total	22015	ND	0.4	0.8	µg/L									
Copper (Cu)	Dissolved	22015	ND	0.4	0.8	µg/L									
Iron (Fe)	Total	22015	ND	5	10	µg/L									
Iron (Fe)	Dissolved	22015	ND	5	10	µg/L									
Lead (Pb)	Total	22015	ND	0.05	0.1	µg/L									
Lead (Pb)	Dissolved	22015	ND	0.05	0.1	µg/L									
Manganese (Mn)	Total	22015	ND	0.2	0.5	µg/L									
Manganese (Mn)	Dissolved	22015	ND	0.2	0.5	µg/L									
Molybdenum (Mo)	Total	22015	ND	0.2	0.5	µg/L									

HTB001-09 Compton Creek Watershed



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## Trace Metals

### QUALITY CONTROL REPORT

Analyte	Fraction	Batch ID	Result	MDL	RL	Units	Spike Level	Source Result	% Recovery	Acceptance Limits	Limit Pass/Fail	RPD	RPD LIMIT	Limit Pass/Fail	QA Code
Molybdenum (Mo)	Dissolved	22015	ND	0.2	0.5	µg/L									
Nickel (Ni)	Total	22015	ND	0.2	0.5	µg/L									
Nickel (Ni)	Dissolved	22015	ND	0.2	0.5	µg/L									
Selenium (Se)	Total	22015	ND	0.2	0.5	µg/L									
Selenium (Se)	Dissolved	22015	ND	0.2	0.5	µg/L									
Silver (Ag)	Total	22015	ND	0.5	1	µg/L									
Silver (Ag)	Dissolved	22015	ND	0.5	1	µg/L									
Strontium (Sr)	Total	22015	ND	0.1	0.5	µg/L									
Strontium (Sr)	Dissolved	22015	ND	0.1	0.5	µg/L									
Thallium (Tl)	Total	22015	ND	0.1	0.5	µg/L									
Thallium (Tl)	Dissolved	22015	ND	0.1	0.5	µg/L									
Tin (Sn)	Total	22015	ND	0.1	0.5	µg/L									
Tin (Sn)	Dissolved	22015	ND	0.1	0.5	µg/L									
Titanium (Ti)	Total	22015	ND	0.2	0.5	µg/L									
Titanium (Ti)	Dissolved	22015	ND	0.2	0.5	µg/L									
Vanadium (V)	Total	22015	ND	0.2	0.5	µg/L									
Vanadium (V)	Dissolved	22015	ND	0.2	0.5	µg/L									
Zinc (Zn)	Total	22015	ND	0.1	0.5	µg/L									
Zinc (Zn)	Dissolved	22015	ND	0.1	0.5	µg/L									

Matrix Spike		W1				Prepared 10/20/2009				Analyzed 21-Oct-09			
89600-MS1		Freshwater											
Aluminum (Al)	Dissolved	22015	240.6	5	10	µg/L	100	150	91	22 - 182%	PASS		
Antimony (Sb)	Dissolved	22015	17.2	0.1	0.5	µg/L	10	6.9	103	73 - 125%	PASS		
Arsenic (As)	Dissolved	22015	111.8	0.2	0.5	µg/L	100	4.6	107	74 - 151%	PASS		
Barium (Ba)	Dissolved	22015	189.8	0.2	0.5	µg/L	100	84.3	105	76 - 139%	PASS		
Beryllium (Be)	Dissolved	22015	99.7	0.2	0.5	µg/L	100	0	100	74 - 122%	PASS		
Cadmium (Cd)	Dissolved	22015	10.1	0.2	0.4	µg/L	10	0	101	74 - 131%	PASS		

HTB001-09 Compton Creek Watershed

# CRG Marine Laboratories, Inc.

2020 Del Amo Blvd., Suite 200, Torrance, CA 90501-1206 (310) 533-5190 FAX (310) 533-5003

## Trace Metals

### QUALITY CONTROL REPORT

Analyte	Fraction	Batch ID	Result	MDL	RL	Units	Spike Level	Source Result	% Recovery	Acceptance Limits	Limit Pass/Fail	RPD	RPD LIMIT	Limit Pass/Fail	QA Code
Chromium (Cr)	Dissolved	22015	103.3	0.1	0.5	µg/L	100	3.85	99	79 - 127%	PASS				
Cobalt (Co)	Dissolved	22015	100.4	0.1	0.5	µg/L	100	4.4	96	78 - 125%	PASS				
Copper (Cu)	Dissolved	22015	152.7	0.4	0.8	µg/L	100	61.55	91	55 - 132%	PASS				
Iron (Fe)	Dissolved	22015	790.1	5	10	µg/L	100	702.5	88	31 - 163%	PASS				
Lead (Pb)	Dissolved	22015	112.3	0.05	0.1	µg/L	100	5.63	107	76 - 120%	PASS				
Manganese (Mn)	Dissolved	22015	411.4	0.2	0.5	µg/L	100	324.95	86	78 - 131%	PASS				
Molybdenum (Mo)	Dissolved	22015	115.9	0.2	0.5	µg/L	100	19.3	97	71 - 123%	PASS				
Nickel (Ni)	Dissolved	22015	124.5	0.2	0.5	µg/L	100	37.05	87	77 - 108%	PASS				
Selenium (Se)	Dissolved	22015	110.3	0.2	0.5	µg/L	100	2.15	108	74 - 125%	PASS				
Silver (Ag)	Dissolved	22015	9.7	0.5	1	µg/L	10	0	97	73 - 127%	PASS				
Strontium (Sr)	Dissolved	22015	662.6	0.1	0.5	µg/L	100	590.2	72	63 - 147%	PASS				
Thallium (Tl)	Dissolved	22015	109.8	0.1	0.5	µg/L	100	0	110	83 - 120%	PASS				
Tin (Sn)	Dissolved	22015	97	0.1	0.5	µg/L	100	0.55	96	76 - 126%	PASS				
Titanium (Ti)	Dissolved	22015	107	0.2	0.5	µg/L	100	6.65	100	72 - 127%	PASS				
Vanadium (V)	Dissolved	22015	119.6	0.2	0.5	µg/L	100	19.55	100	81 - 130%	PASS				
Zinc (Zn)	Dissolved	22015	497.7	0.1	0.5	µg/L	100	402.1	96	67 - 141%	PASS				

W1

Prepared 10/20/2009

Analyzed 21-Oct-09

#### Matrix Spike Dup 89600-MS2

#### Freshwater

Aluminum (Al)	Dissolved	22015	241.7	5	10	µg/L	100	150	92	22 - 182%	PASS	1	30	PASS	
Antimony (Sb)	Dissolved	22015	17.7	0.1	0.5	µg/L	10	6.9	108	73 - 125%	PASS	5	30	PASS	
Arsenic (As)	Dissolved	22015	111.6	0.2	0.5	µg/L	100	4.6	107	74 - 151%	PASS	0	30	PASS	
Barium (Ba)	Dissolved	22015	192	0.2	0.5	µg/L	100	84.3	108	76 - 139%	PASS	3	30	PASS	
Beryllium (Be)	Dissolved	22015	100.5	0.2	0.5	µg/L	100	0	100	74 - 122%	PASS	0	30	PASS	
Cadmium (Cd)	Dissolved	22015	10.2	0.2	0.4	µg/L	10	0	102	74 - 131%	PASS	1	30	PASS	
Chromium (Cr)	Dissolved	22015	102	0.1	0.5	µg/L	100	3.85	98	79 - 127%	PASS	1	30	PASS	
Cobalt (Co)	Dissolved	22015	99.1	0.1	0.5	µg/L	100	4.4	95	78 - 125%	PASS	1	30	PASS	
Copper (Cu)	Dissolved	22015	153.5	0.4	0.8	µg/L	100	61.55	92	55 - 132%	PASS	1	30	PASS	

HTB001-09 Compton Creek Watershed

# CRG Marine Laboratories, Inc.

2020 Del Amo Blvd., Suite 200, Torrance, CA 90501-1206 (310) 533-5190 FAX (310) 533-5003

## Trace Metals

### QUALITY CONTROL REPORT

Analyte	Fraction	Batch ID	Result	MDL	RL	Units	Spike Level	Source Result	% Recovery	Acceptance Limits	Limit Pass/Fail	RPD	RPD LIMIT	Limit Pass/Fail	QA Code
Iron (Fe)	Dissolved	22015	795.2	5	10	µg/L	100	702.5	93	31 - 163%	PASS	6	30	PASS	
Lead (Pb)	Dissolved	22015	113.3	0.05	0.1	µg/L	100	5.63	108	76 - 120%	PASS	1	30	PASS	
Manganese (Mn)	Dissolved	22015	412.5	0.2	0.5	µg/L	100	324.95	88	78 - 131%	PASS	2	30	PASS	
Molybdenum (Mo)	Dissolved	22015	119.5	0.2	0.5	µg/L	100	19.3	100	71 - 123%	PASS	3	30	PASS	
Nickel (Ni)	Dissolved	22015	123.4	0.2	0.5	µg/L	100	37.05	86	77 - 108%	PASS	1	30	PASS	
Selenium (Se)	Dissolved	22015	112.7	0.2	0.5	µg/L	100	2.15	111	74 - 125%	PASS	3	30	PASS	
Silver (Ag)	Dissolved	22015	9.8	0.5	1	µg/L	10	0	98	73 - 127%	PASS	1	30	PASS	
Strontium (Sr)	Dissolved	22015	666.5	0.1	0.5	µg/L	100	590.2	76	63 - 147%	PASS	5	30	PASS	
Thallium (Tl)	Dissolved	22015	110.5	0.1	0.5	µg/L	100	0	111	83 - 120%	PASS	0	30	PASS	
Tin (Sn)	Dissolved	22015	100	0.1	0.5	µg/L	100	0.55	99	76 - 126%	PASS	3	30	PASS	
Titanium (Ti)	Dissolved	22015	106.9	0.2	0.5	µg/L	100	6.65	100	72 - 127%	PASS	0	30	PASS	
Vanadium (V)	Dissolved	22015	119.1	0.2	0.5	µg/L	100	19.55	100	81 - 130%	PASS	0	30	PASS	
Zinc (Zn)	Dissolved	22015	505.4	0.1	0.5	µg/L	100	402.1	103	67 - 141%	PASS	7	30	PASS	

Lab Dup		89600-R2		W1		Freshwater		Prepared 10/20/2009		Analyzed 21-Oct-09					
Aluminum (Al)	Total	22015	6090	5	10	µg/L				0	30	PASS			
Aluminum (Al)	Dissolved	22015	161	5	10	µg/L				15	30	PASS			
Antimony (Sb)	Total	22015	7.6	0.1	0.5	µg/L				1	30	PASS			
Antimony (Sb)	Dissolved	22015	7.3	0.1	0.5	µg/L				12	30	PASS			
Arsenic (As)	Total	22015	5.4	0.2	0.5	µg/L				2	30	PASS			
Arsenic (As)	Dissolved	22015	4.7	0.2	0.5	µg/L				4	30	PASS			
Barium (Ba)	Total	22015	356.4	0.2	0.5	µg/L				1	30	PASS			
Barium (Ba)	Dissolved	22015	88.3	0.2	0.5	µg/L				9	30	PASS			
Beryllium (Be)	Total	22015	0.5	0.2	0.5	µg/L				0	30	PASS			
Beryllium (Be)	Dissolved	22015	ND	0.2	0.5	µg/L				0	30	PASS			
Cadmium (Cd)	Total	22015	1.9	0.2	0.4	µg/L				5	30	PASS			
Cadmium (Cd)	Dissolved	22015	0.2	0.2	0.4	µg/L				0	30	PASS			J

HTB001-09 Compton Creek Watershed

# CRG Marine Laboratories, Inc.

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## Trace Metals

### QUALITY CONTROL REPORT

Analyte	Fraction	Batch ID	Result	MDL	RL	Units	Spike Level	Source Result	% Recovery	Acceptance Limits	Limit Pass/Fail	RPD	RPD LIMIT	Limit Pass/Fail	QA Code
Chromium (Cr)	Total	22015	12.7	0.1	0.5	µg/L						1	30	PASS	
Chromium (Cr)	Dissolved	22015	4	0.1	0.5	µg/L						8	30	PASS	
Cobalt (Co)	Total	22015	11	0.1	0.5	µg/L						0	30	PASS	
Cobalt (Co)	Dissolved	22015	4.5	0.1	0.5	µg/L						5	30	PASS	
Copper (Cu)	Total	22015	221.9	0.4	0.8	µg/L						0	30	PASS	
Copper (Cu)	Dissolved	22015	62.7	0.4	0.8	µg/L						4	30	PASS	
Iron (Fe)	Total	22015	7545	5	10	µg/L						1	30	PASS	
Iron (Fe)	Dissolved	22015	725	5	10	µg/L						6	30	PASS	
Lead (Pb)	Total	22015	118.78	0.05	0.1	µg/L						2	30	PASS	
Lead (Pb)	Dissolved	22015	5.94	0.05	0.1	µg/L						11	30	PASS	
Manganese (Mn)	Total	22015	694.7	0.2	0.5	µg/L						0	30	PASS	
Manganese (Mn)	Dissolved	22015	337.2	0.2	0.5	µg/L						8	30	PASS	
Molybdenum (Mo)	Total	22015	11.8	0.2	0.5	µg/L						3	30	PASS	
Molybdenum (Mo)	Dissolved	22015	20.3	0.2	0.5	µg/L						10	30	PASS	
Nickel (Ni)	Total	22015	52.1	0.2	0.5	µg/L						0	30	PASS	
Nickel (Ni)	Dissolved	22015	37.5	0.2	0.5	µg/L						2	30	PASS	
Selenium (Se)	Total	22015	0.9	0.2	0.5	µg/L						25	30	PASS	
Selenium (Se)	Dissolved	22015	2	0.2	0.5	µg/L						14	30	PASS	
Silver (Ag)	Total	22015	ND	0.5	1	µg/L						0	30	PASS	
Silver (Ag)	Dissolved	22015	ND	0.5	1	µg/L						0	30	PASS	
Strontium (Sr)	Total	22015	760.3	0.1	0.5	µg/L						1	30	PASS	
Strontium (Sr)	Dissolved	22015	614.8	0.1	0.5	µg/L						8	30	PASS	
Thallium (Tl)	Total	22015	ND	0.1	0.5	µg/L						0	30	PASS	
Thallium (Tl)	Dissolved	22015	ND	0.1	0.5	µg/L						0	30	PASS	
Tin (Sn)	Total	22015	0.8	0.1	0.5	µg/L						0	30	PASS	
Tin (Sn)	Dissolved	22015	0.6	0.1	0.5	µg/L						18	30	PASS	
Titanium (Ti)	Total	22015	107.9	0.2	0.5	µg/L						1	30	PASS	
Titanium (Ti)	Dissolved	22015	6.9	0.2	0.5	µg/L						8	30	PASS	

HTB001-09 Compton Creek Watershed

# CRG Marine Laboratories, Inc.

2020 Del Amo Blvd., Suite 200, Torrance, CA 90501-1206 (310) 533-5190 FAX (310) 533-5003

## Trace Metals

### QUALITY CONTROL REPORT

Analyte	Fraction	Batch ID	Result	MDL	RL	Units	Spike Level	Source Result	% Recovery	Acceptance Limits	Limit Pass/Fail	RPD	RPD LIMIT	Limit Pass/Fail	QA Code
Vanadium (V)	Total	22015	46.4	0.2	0.5	µg/L						0	30	PASS	
Vanadium (V)	Dissolved	22015	20.2	0.2	0.5	µg/L						7	30	PASS	
Zinc (Zn)	Total	22015	1161.8	0.1	0.5	µg/L						1	30	PASS	
Zinc (Zn)	Dissolved	22015	417.9	0.1	0.5	µg/L						8	30	PASS	

# **CHAIN-OF-CUSTODY**



# CRG Marine Laboratories, Inc.

2020 Del Amo Blvd., Suite 200, Torrance, CA 90501-1206

PHONE (310) 533-5190

FAX (310) 533-5003

## CHAIN-OF-CUSTODY RECORD

R10: 1145-09

Client Name Heal the Bay		Address 1444 9th St., Santa Monica, CA, 90401		REQUESTED ANALYSIS																			
Sampled By James Alamillo and Amanda Griesbach		Project Manager James Alamillo		Phone 310-451-1500 xl.115		FAX 310-496-1902		Email jalamillo@healthebay.org		Project Name/Number Compton Creek Watershed		P.O. Number 5221											
Client Sample ID	Sample Date	Sample Time	Sample Matrix*	Container		Metals (total and Dissolved)	Hardness	pH	TSS	Ammonia	PAH												
				Quantity	Type																		
W1	10/13/2009	1:15	FW	3		x	x	x	x	x													
W2	10/13/2009	1:45	FW	3		x	x	x	x	x													
W3	10/13/2009	2:10	FW	3		x	x	x	x	x													
W4	10/13/2009	3:15	FW	5		x	x	x	x	x	x												
W5	10/13/2009	3:40	FW	5		x	x	x	x	x	x												
W6	10/13/2009	4:15	FW	5		x	x	x	x	x	x												
Correct Containers:		Yes	No			RELINQUISHED BY																	
Sample Temperature:		Ambient	Cold	Warm																			
Sample Preservative:		Yes	No																				
Turnaround Time:		STD	Specify:																				
Report Format:		pdf	EDD	hardcopy																			
Comments: Wet Weather Sampling Event					Signature: <i>Amanda Griesbach</i>																		
					Print: <i>Amanda Griesbach</i>																		
					Company: <i>Heal the Bay</i>																		
					DATE: <i>10/13/09</i> TIME: <i>17:15</i>																		
					RECEIVED BY																		
					Signature: <i>Sheri Lane</i>																		
					Print: <i>Sheri Lane</i>																		
					Company: <i>CRG</i>																		
					DATE: <i>10/30/09</i> TIME: <i>17:15</i>																		

\*MATRIX CODES: (SED = Sediment); (TISS = Tissue); (SW = Seawater, Saltwater); (FW = Freshwater); (WW = Wastewater); (STRMW = Stormwater)

CRG PID

CRG RID  
1145-09

**SAMPLE RECEIPT FORM**

CLIENT: Heal the Bay

Date Received: 10/30/09

Total # of Samples: 6

**COURIER INFORMATION**

☐ CRG

☐ OTHER

☐ FEDEX

☒ CLIENT

tracking #

☐ UPS

**TEMPERATURE**

4.0 °C

☒ WET ICE ☐ BLUE ICE ☐ NO ICE

**SAMPLE MATRIX**

☒ LIQUID

☐ Composite at CRG, equal

☐ Composite at CRG, flow-weighted

☐ TISSUE

☐ Homogenized

☐ Unhomogenized

**CLIENT COC**

☒ INCLUDED

☐ NOT INCLUDED

☒ SIGNED

☐ NOT SIGNED

☐ SOLID

☐ OTHER

**CONDITION OF SAMPLES UPON VERIFICATION**

	Yes	No	NA
All sample containers received intact and in good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All samples listed on COC(s) are present.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All sample IDs on containers are consistent with sample IDs on COC(s).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers used for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All samples received within method holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**NOTES**

Print Form