



Marine Laboratories, Inc.

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

January 29, 2007

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

Re: CRG Marine Laboratories
Heal the Bay

Project ID: P26173c
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, 9 samples were received intact at CRG on 10/26/2006. Per your instructions, the samples were analyzed for:

- Ammonia-N Using Method SM 4500-NH3 F
- Nitrate-N Using Method EPA 300.0
- pH Using Method EPA 150.1
- Total Hardness as CaCO₃ Using Method SM 2340 B
- Total Suspended Solids Using Method SM 2540 D
- Nitrite-N Using Method EPA 300.0
- Trace Metals By ICPMS Using Method EPA 200.8m
- Trace Metals By ICPMS Using Method EPA 6020m
- Mercury (Hg) By CVAFS Using Method EPA 245.7m
- Aroclor PCBs By GCMS Using Method EPA 8270Cm
- Chlorinated Pesticides By GCMS Using Method EPA 8270Cm
- PCB Congeners By GCMS Using Method EPA 8270Cm
- Polynuclear Aromatic Hydrocarbons By GCMS Using Method EPA 625m
- Polynuclear Aromatic Hydrocarbons By GCMS Using Method EPA 8270Cm

The following analysis were subcontracted to other laboratories, results are included:

- TOC(Total Organic Carbon)

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,
Misty Mercier

Reviewed and Approved _____

Project Sample List

Heal the Bay

CRG Project ID: **26173c**

Project Officer: James Alamillo

Project Description: Compton Creek Watershed

<i>CRG Sample ID#</i>	<i>Client Sample ID</i>	<i>Sample Description</i>	<i>Date Sampled</i>	<i>Matrix</i>
46256	W1		26-Oct-06	Freshwater
46257	W2		26-Oct-06	Freshwater
46258	W3		26-Oct-06	Freshwater
46259	W4		26-Oct-06	Freshwater
46260	W5		26-Oct-06	Freshwater
46261	W6		26-Oct-06	Freshwater
46262	S1		26-Oct-06	Sediment
46263	S2		26-Oct-06	Sediment
46264	S3		26-Oct-06	Sediment
46265	S4		26-Oct-06	Sediment
46266	S5		26-Oct-06	Sediment
46267	S6		26-Oct-06	Sediment

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, surrogate spikes, certified reference materials, 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.

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 Matrix Spike or Matrix Spike Duplicate 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.
ND or U	Parameter not detected at the indicated reporting limit.
NES	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.
R	Analyte was removed by the sample preparation/extraction procedure as seen by the MS/MSD recoveries. RPD acceptance ranges do not apply.

Qualifier Summary for P26173c

Chlorinated Pesticides

<i>Sample ID</i>	<i>Client Sample ID</i>	<i>Qualifier</i>	<i>Parameter</i>
46262-R1	S1	M3	2,4'-DDD
46264-R1	S3	M3	2,4'-DDD
46266-R1	S5	M3	2,4'-DDD
46266-R2	S5	M3	2,4'-DDD
46262-R1	S1	M3	4,4'-DDE
46264-R1	S3	M3	4,4'-DDE
46266-R1	S5	M3	4,4'-DDE
46266-R2	S5	M3	4,4'-DDE
46262-R1	S1	M3	4,4'-DDT
46264-R1	S3	M3	4,4'-DDT
46266-R1	S5	M3	4,4'-DDT
46266-R2	S5	M3	4,4'-DDT
46266-MS1	S5	M1	Aldrin
46266-MS2	S5	M1	Aldrin
46266-R1	S5	NA	Chlordane-alpha
46266-R2	S5	NA	Chlordane-alpha
46266-R1	S5	NA	Chlordane-gamma
46266-R2	S5	NA	Chlordane-gamma
46266-MS1	S5	M1	Endosulfan-I
46266-MS2	S5	M1	Endosulfan-I
46266-MS1	S5	M1	Endosulfan-II
46266-MS2	S5	M1	Endosulfan-II
46266-MS1	S5	M1	Endrin
46266-MS2	S5	M1	Endrin
46266-MS1	S5	M1	Endrin Aldehyde
46266-MS2	S5	M1	Endrin Aldehyde
46266-MS1	S5	M1	Endrin Ketone
46266-MS2	S5	M1	Endrin Ketone

Qualifier Summary for P26173c

PCB Congeners

<i>Sample ID</i>	<i>Client Sample ID</i>	<i>Qualifier</i>	<i>Parameter</i>
46266-R1	S5	NA	PCB153
46266-R2	S5	NA	PCB153

Qualifier Summary for P26173c

Polynuclear Aromatic Hydrocarbons

<i>Sample ID</i>	<i>Client Sample ID</i>	<i>Qualifier</i>	<i>Parameter</i>
46266-R1	S5	NA	1-Methylnaphthalene
46266-MS1	S5	Q2	1-Methylphenanthrene
46266-MS2	S5	Q2	1-Methylphenanthrene
46266-R1	S5	NA	2,3,5-Trimethylnaphthalene
46266-R2	S5	NA	2,3,5-Trimethylnaphthalene
46266-R1	S5	NA	2,6-Dimethylnaphthalene
46266-R1	S5	Q2	2-Methylnaphthalene
46266-R2	S5	Q2	2-Methylnaphthalene
46266-MS1	S5	Q1,Q2	Acenaphthene
46266-R1	S5	NA	Acenaphthene
46266-MS2	S5	Q1,Q2	Anthracene
46266-R1	S5	Q2	Anthracene
46266-R2	S5	Q2	Anthracene
46266-MS2	S5	Q1,Q2	Benz[a]anthracene
46266-R1	S5	Q2	Benz[a]anthracene
46266-R2	S5	Q2	Benz[a]anthracene
46266-MS2	S5	Q1,Q2	Benzo[a]pyrene
46266-R1	S5	Q2	Benzo[a]pyrene
46266-R2	S5	Q2	Benzo[a]pyrene
46266-MS2	S5	Q1,Q2	Benzo[b]fluoranthene
46266-R1	S5	Q2	Benzo[b]fluoranthene
46266-R2	S5	Q2	Benzo[b]fluoranthene
46266-MS2	S5	Q1,Q2	Benzo[e]pyrene
46266-R1	S5	Q2	Benzo[e]pyrene
46266-R2	S5	Q2	Benzo[e]pyrene
46266-MS2	S5	Q1,Q2	Benzo[g,h,i]perylene
46266-R1	S5	Q2	Benzo[g,h,i]perylene
46266-R2	S5	Q2	Benzo[g,h,i]perylene
46266-MS2	S5	Q1,Q2	Benzo[k]fluoranthene
46266-R1	S5	Q2	Benzo[k]fluoranthene

Qualifier Summary for P26173c

Polynuclear Aromatic Hydrocarbons

<i>Sample ID</i>	<i>Client Sample ID</i>	<i>Qualifier</i>	<i>Parameter</i>
46266-R2	S5	Q2	Benzo[k]fluoranthene
46266-MS2	S5	Q1,Q2	Chrysene
46266-R1	S5	Q2	Chrysene
46266-R2	S5	Q2	Chrysene
46266-MS2	S5	Q1,Q2	Dibenz[a,h]anthracene
46266-R1	S5	NA	Dibenz[a,h]anthracene
46266-MS2	S5	Q1,Q2	Dibenzothiophene
46266-R1	S5	NA	Dibenzothiophene
46266-MS2	S5	Q1,Q2	Fluoranthene
46266-R1	S5	Q2	Fluoranthene
46266-R2	S5	Q2	Fluoranthene
46266-MS1	S5	Q1,Q2	Fluorene
46266-MS2	S5	Q1,Q2	Fluorene
46266-R1	S5	Q2	Fluorene
46266-R2	S5	Q2	Fluorene
46266-MS2	S5	Q1,Q2	Indeno[1,2,3-c,d]pyrene
46266-R1	S5	Q2	Indeno[1,2,3-c,d]pyrene
46266-R2	S5	Q2	Indeno[1,2,3-c,d]pyrene
46266-R1	S5	Q2	Naphthalene
46266-R2	S5	Q2	Naphthalene
46266-MS1	S5	Q2	Perylene
46266-MS2	S5	Q2	Perylene
46266-R1	S5	Q2	Perylene
46266-R2	S5	Q2	Perylene
46266-MS1	S5	Q2	Phenanthrene
46266-MS2	S5	Q2	Phenanthrene
46266-R1	S5	Q2	Phenanthrene
46266-R2	S5	Q2	Phenanthrene
46266-MS1	S5	Q2	Pyrene
46266-MS2	S5	Q2	Pyrene

Qualifier Summary for P26173c

Polynuclear Aromatic Hydrocarbons

<i>Sample ID</i>	<i>Client Sample ID</i>	<i>Qualifier</i>	<i>Parameter</i>
46266-R1	S5	Q2	Pyrene
46266-R2	S5	Q2	Pyrene

Qualifier Summary for P26173c

Trace Metals

<i>Sample ID</i>	<i>Client Sample ID</i>	<i>Qualifier</i>	<i>Parameter</i>
46262-R1	S1	Q2	Lead (Pb)
46262-R2	S1	Q2	Lead (Pb)
46262-R1	S1	Q2	Manganese (Mn)
46262-R2	S1	Q2	Manganese (Mn)
46262-R1	S1	NA	Mercury (Hg)
46262-R2	S1	NA	Mercury (Hg)
46262-R1	S1	Q2	Molybdenum (Mo)
46262-R2	S1	Q2	Molybdenum (Mo)
46262-R1	S1	NA	Thallium (Tl)
46262-R2	S1	NA	Thallium (Tl)
46262-R1	S1	Q2	Zinc (Zn)
46262-R2	S1	Q2	Zinc (Zn)

DATA REPORT

TRACE METAL RESULTS

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46256

Sample W1

Date Sampled: 26-Oct-06 9:40

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	Total	EPA 200.8m	233	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Aluminum (Al)	Dissolved	EPA 200.8m	ND	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Total	EPA 200.8m	1.3	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Dissolved	EPA 200.8m	1.3	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Total	EPA 200.8m	1.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Dissolved	EPA 200.8m	1.6	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Total	EPA 200.8m	93	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Dissolved	EPA 200.8m	89.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Total	EPA 200.8m	J 0.3	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Total	EPA 200.8m	1.3	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Dissolved	EPA 200.8m	0.8	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Total	EPA 200.8m	J 0.4	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Dissolved	EPA 200.8m	J 0.2	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Total	EPA 200.8m	9.6	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Dissolved	EPA 200.8m	5	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Total	EPA 200.8m	524	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Dissolved	EPA 200.8m	96	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Total	EPA 200.8m	4.18	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Dissolved	EPA 200.8m	0.48	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Total	EPA 200.8m	25.9	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Dissolved	EPA 200.8m	0.9	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Mercury (Hg)	Total	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46256

R1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46256

Sample W1

Date Sampled: 26-Oct-06 9:40

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Mercury (Hg)	Dissolved	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090
Molybdenum (Mo)	Total	EPA 200.8m	5.6	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Molybdenum (Mo)	Dissolved	EPA 200.8m	7.4	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Total	EPA 200.8m	3.9	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Dissolved	EPA 200.8m	3.1	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Total	EPA 200.8m	1.2	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Dissolved	EPA 200.8m	2	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Total	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Dissolved	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Total	EPA 200.8m	535.7	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Dissolved	EPA 200.8m	534.4	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Total	EPA 200.8m	6.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Dissolved	EPA 200.8m	J 0.3	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Total	EPA 200.8m	3.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Dissolved	EPA 200.8m	2.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Total	EPA 200.8m	47.3	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Dissolved	EPA 200.8m	29.7	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46256

R1

CRG Marine Laboratories, Inc.

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Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46257

Sample W2

Date Sampled: 26-Oct-06 9:55

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	Total	EPA 200.8m	45	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Aluminum (Al)	Dissolved	EPA 200.8m	J 5	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Total	EPA 200.8m	2.3	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Dissolved	EPA 200.8m	2.3	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Total	EPA 200.8m	1.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Dissolved	EPA 200.8m	1.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Total	EPA 200.8m	89.6	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Dissolved	EPA 200.8m	88	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Total	EPA 200.8m	0.5	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Total	EPA 200.8m	0.7	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Dissolved	EPA 200.8m	0.5	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Total	EPA 200.8m	0.6	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Dissolved	EPA 200.8m	0.5	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Total	EPA 200.8m	15	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Dissolved	EPA 200.8m	6.8	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Total	EPA 200.8m	317	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Dissolved	EPA 200.8m	161	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Total	EPA 200.8m	2.36	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Dissolved	EPA 200.8m	0.71	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Total	EPA 200.8m	12	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Dissolved	EPA 200.8m	1.2	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Mercury (Hg)	Total	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46257

R1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46257

Sample W2

Date Sampled: 26-Oct-06 9:55

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Mercury (Hg)	Dissolved	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090
Molybdenum (Mo)	Total	EPA 200.8m	7.4	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Molybdenum (Mo)	Dissolved	EPA 200.8m	8.6	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Total	EPA 200.8m	7.2	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Dissolved	EPA 200.8m	6.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Total	EPA 200.8m	1.3	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Dissolved	EPA 200.8m	1.6	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Total	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Dissolved	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Total	EPA 200.8m	666.9	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Dissolved	EPA 200.8m	653.5	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Total	EPA 200.8m	J 0.1	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Dissolved	EPA 200.8m	J 0.1	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Total	EPA 200.8m	2.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Dissolved	EPA 200.8m	0.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Total	EPA 200.8m	1.9	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Dissolved	EPA 200.8m	1.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Total	EPA 200.8m	95.3	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Dissolved	EPA 200.8m	81.9	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46257

R1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46258

Sample W3

Date Sampled: 26-Oct-06 10:25

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	Total	EPA 200.8m	92	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Aluminum (Al)	Dissolved	EPA 200.8m	14	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Total	EPA 200.8m	1	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Dissolved	EPA 200.8m	1	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Total	EPA 200.8m	1.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Dissolved	EPA 200.8m	1.6	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Total	EPA 200.8m	52.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Dissolved	EPA 200.8m	53.1	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Total	EPA 200.8m	0.9	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Dissolved	EPA 200.8m	0.7	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Total	EPA 200.8m	0.5	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Dissolved	EPA 200.8m	J 0.4	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Total	EPA 200.8m	J 0.2	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Dissolved	EPA 200.8m	J 0.2	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Total	EPA 200.8m	14.8	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Dissolved	EPA 200.8m	12.6	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Total	EPA 200.8m	192	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Dissolved	EPA 200.8m	73	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Total	EPA 200.8m	2.04	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Dissolved	EPA 200.8m	1.31	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Total	EPA 200.8m	4.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Dissolved	EPA 200.8m	0.9	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Mercury (Hg)	Total	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46258

R1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46258

Sample W3

Date Sampled: 26-Oct-06 10:25

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Mercury (Hg)	Dissolved	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090
Molybdenum (Mo)	Total	EPA 200.8m	4.3	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Molybdenum (Mo)	Dissolved	EPA 200.8m	4.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Total	EPA 200.8m	3.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Dissolved	EPA 200.8m	3.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Total	EPA 200.8m	1.3	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Dissolved	EPA 200.8m	1.3	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Total	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Dissolved	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Total	EPA 200.8m	411.2	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Dissolved	EPA 200.8m	398.5	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Total	EPA 200.8m	J 0.2	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Dissolved	EPA 200.8m	J 0.1	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Total	EPA 200.8m	4.2	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Dissolved	EPA 200.8m	0.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Total	EPA 200.8m	3.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Dissolved	EPA 200.8m	3.1	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Total	EPA 200.8m	407.3	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Dissolved	EPA 200.8m	374.8	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46258

R1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46259

Sample W4

Date Sampled: 26-Oct-06 11:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	Total	EPA 200.8m	229	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Aluminum (Al)	Dissolved	EPA 200.8m	ND	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Total	EPA 200.8m	1.7	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Dissolved	EPA 200.8m	1.9	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Total	EPA 200.8m	1.9	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Dissolved	EPA 200.8m	1.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Total	EPA 200.8m	78.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Dissolved	EPA 200.8m	80.6	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Total	EPA 200.8m	0.5	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Dissolved	EPA 200.8m	J 0.2	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Total	EPA 200.8m	0.7	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Dissolved	EPA 200.8m	J 0.4	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Total	EPA 200.8m	0.6	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Dissolved	EPA 200.8m	J 0.4	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Total	EPA 200.8m	9.1	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Dissolved	EPA 200.8m	5.8	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Total	EPA 200.8m	440	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Dissolved	EPA 200.8m	119	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Total	EPA 200.8m	1.53	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Dissolved	EPA 200.8m	0.87	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Total	EPA 200.8m	65.4	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Dissolved	EPA 200.8m	46.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Mercury (Hg)	Total	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46259

R1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46259

Sample W4

Date Sampled: 26-Oct-06 11:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Mercury (Hg)	Dissolved	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090
Molybdenum (Mo)	Total	EPA 200.8m	5.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Molybdenum (Mo)	Dissolved	EPA 200.8m	7.2	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Total	EPA 200.8m	5.3	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Dissolved	EPA 200.8m	5.1	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Total	EPA 200.8m	1	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Dissolved	EPA 200.8m	1.9	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Total	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Dissolved	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Total	EPA 200.8m	522	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Dissolved	EPA 200.8m	532	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Total	EPA 200.8m	7.2	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Dissolved	EPA 200.8m	0.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Total	EPA 200.8m	4.3	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Dissolved	EPA 200.8m	3.6	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Total	EPA 200.8m	29.9	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Dissolved	EPA 200.8m	24.4	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46259

R1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46260

Sample W5

Date Sampled: 26-Oct-06 12:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	Total	EPA 200.8m	370	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Aluminum (Al)	Dissolved	EPA 200.8m	J 6	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Total	EPA 200.8m	2	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Dissolved	EPA 200.8m	1.7	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Total	EPA 200.8m	3	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Dissolved	EPA 200.8m	2.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Total	EPA 200.8m	95.1	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Dissolved	EPA 200.8m	76.6	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Total	EPA 200.8m	0.9	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Dissolved	EPA 200.8m	J 0.2	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Total	EPA 200.8m	2	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Dissolved	EPA 200.8m	0.7	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Total	EPA 200.8m	0.6	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Dissolved	EPA 200.8m	J 0.2	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Total	EPA 200.8m	24.8	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Dissolved	EPA 200.8m	8.4	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Total	EPA 200.8m	789	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Dissolved	EPA 200.8m	95	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Total	EPA 200.8m	7.17	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Dissolved	EPA 200.8m	0.29	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Total	EPA 200.8m	47.3	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Dissolved	EPA 200.8m	5.4	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Mercury (Hg)	Total	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46260

R1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46260

Sample W5

Date Sampled: 26-Oct-06 12:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Mercury (Hg)	Dissolved	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090
Molybdenum (Mo)	Total	EPA 200.8m	4.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Molybdenum (Mo)	Dissolved	EPA 200.8m	7.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Total	EPA 200.8m	10.9	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Dissolved	EPA 200.8m	4.1	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Total	EPA 200.8m	2	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Dissolved	EPA 200.8m	1.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Total	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Dissolved	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Total	EPA 200.8m	601.4	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Dissolved	EPA 200.8m	569.2	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Total	EPA 200.8m	5.3	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Dissolved	EPA 200.8m	J 0.3	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Total	EPA 200.8m	4.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Dissolved	EPA 200.8m	3.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Total	EPA 200.8m	141.3	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Dissolved	EPA 200.8m	29.4	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46260

R1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46261

Sample W6

Date Sampled: 26-Oct-06 1:40

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	Total	EPA 200.8m	213	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Aluminum (Al)	Dissolved	EPA 200.8m	ND	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Total	EPA 200.8m	1.9	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Dissolved	EPA 200.8m	2	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Total	EPA 200.8m	2.4	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Dissolved	EPA 200.8m	2.1	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Total	EPA 200.8m	94.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Dissolved	EPA 200.8m	86.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Total	EPA 200.8m	0.6	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Total	EPA 200.8m	1.1	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Dissolved	EPA 200.8m	0.5	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Total	EPA 200.8m	0.6	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Dissolved	EPA 200.8m	J 0.4	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Total	EPA 200.8m	6.7	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Dissolved	EPA 200.8m	2.8	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Total	EPA 200.8m	750	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Dissolved	EPA 200.8m	220	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Total	EPA 200.8m	6.08	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Dissolved	EPA 200.8m	1.45	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Total	EPA 200.8m	141.4	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Dissolved	EPA 200.8m	104.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Mercury (Hg)	Total	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46261

R1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46261

Sample W6

Date Sampled: 26-Oct-06 1:40

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Mercury (Hg)	Dissolved	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090
Molybdenum (Mo)	Total	EPA 200.8m	5.4	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Molybdenum (Mo)	Dissolved	EPA 200.8m	6.4	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Total	EPA 200.8m	6.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Dissolved	EPA 200.8m	6.3	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Total	EPA 200.8m	1.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Dissolved	EPA 200.8m	1.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Total	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Dissolved	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Total	EPA 200.8m	591.7	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Dissolved	EPA 200.8m	568.2	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Total	EPA 200.8m	7.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Dissolved	EPA 200.8m	0.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Total	EPA 200.8m	2.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Dissolved	EPA 200.8m	2.2	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Total	EPA 200.8m	48.4	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Dissolved	EPA 200.8m	21.3	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46261

R1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46262

Sample S1

Date Sampled: 26-Oct-06 11:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	NA	EPA 6020m	3463	µg/dry g	1	5	05-Dec-06	12-Dec-06	26173c-15066
Antimony (Sb)	NA	EPA 6020m	0.441	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Arsenic (As)	NA	EPA 6020m	1.154	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Barium (Ba)	NA	EPA 6020m	49.978	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Beryllium (Be)	NA	EPA 6020m	0.067	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Cadmium (Cd)	NA	EPA 6020m	0.636	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Chromium (Cr)	NA	EPA 6020m	4.75	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Cobalt (Co)	NA	EPA 6020m	2.223	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Copper (Cu)	NA	EPA 6020m	13.52	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Iron (Fe)	NA	EPA 6020m	6983	µg/dry g	1	5	05-Dec-06	12-Dec-06	26173c-15066
Lead (Pb)	NA	EPA 6020m	69.178	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Manganese (Mn)	NA	EPA 6020m	87.886	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Mercury (Hg)	NA	EPA 245.7m	0.046	µg/dry g	0.01	0.02	05-Dec-06	05-Dec-06	26173c-2115
Molybdenum (Mo)	NA	EPA 6020m	0.914	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Nickel (Ni)	NA	EPA 6020m	6.353	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Selenium (Se)	NA	EPA 6020m	0.168	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Silver (Ag)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Strontium (Sr)	NA	EPA 6020m	35.14	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Thallium (Tl)	NA	EPA 6020m	0.157	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Tin (Sn)	NA	EPA 6020m	0.734	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Titanium (Ti)	NA	EPA 6020m	230.676	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Vanadium (V)	NA	EPA 6020m	10.31	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Zinc (Zn)	NA	EPA 6020m	152.474	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46262

R1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46264

Sample S3

Date Sampled: 26-Oct-06 12:20

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	NA	EPA 6020m	6070	µg/dry g	1	5	05-Dec-06	12-Dec-06	26173c-15066
Antimony (Sb)	NA	EPA 6020m	3.282	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Arsenic (As)	NA	EPA 6020m	3.19	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Barium (Ba)	NA	EPA 6020m	106.498	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Beryllium (Be)	NA	EPA 6020m	0.116	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Cadmium (Cd)	NA	EPA 6020m	4.904	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Chromium (Cr)	NA	EPA 6020m	34.21	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Cobalt (Co)	NA	EPA 6020m	4.668	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Copper (Cu)	NA	EPA 6020m	60.96	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Iron (Fe)	NA	EPA 6020m	12549	µg/dry g	1	5	05-Dec-06	12-Dec-06	26173c-15066
Lead (Pb)	NA	EPA 6020m	455.298	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Manganese (Mn)	NA	EPA 6020m	138.696	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Mercury (Hg)	NA	EPA 245.7m	0.099	µg/dry g	0.01	0.02	05-Dec-06	05-Dec-06	26173c-2115
Molybdenum (Mo)	NA	EPA 6020m	2.249	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Nickel (Ni)	NA	EPA 6020m	21.41	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Selenium (Se)	NA	EPA 6020m	0.39	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Silver (Ag)	NA	EPA 6020m	J 0.036	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Strontium (Sr)	NA	EPA 6020m	53.96	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Thallium (Tl)	NA	EPA 6020m	0.784	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Tin (Sn)	NA	EPA 6020m	8.25	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Titanium (Ti)	NA	EPA 6020m	476.776	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Vanadium (V)	NA	EPA 6020m	18.34	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Zinc (Zn)	NA	EPA 6020m	386.074	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46264

R1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	NA	EPA 6020m	3509	µg/dry g	1	5	05-Dec-06	12-Dec-06	26173c-15066
Antimony (Sb)	NA	EPA 6020m	0.944	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Arsenic (As)	NA	EPA 6020m	2.225	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Barium (Ba)	NA	EPA 6020m	71.678	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Beryllium (Be)	NA	EPA 6020m	0.091	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Cadmium (Cd)	NA	EPA 6020m	0.757	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Chromium (Cr)	NA	EPA 6020m	7.6	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Cobalt (Co)	NA	EPA 6020m	3.084	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Copper (Cu)	NA	EPA 6020m	27.5	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Iron (Fe)	NA	EPA 6020m	8530	µg/dry g	1	5	05-Dec-06	12-Dec-06	26173c-15066
Lead (Pb)	NA	EPA 6020m	81.778	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Manganese (Mn)	NA	EPA 6020m	197.296	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Mercury (Hg)	NA	EPA 245.7m	0.054	µg/dry g	0.01	0.02	05-Dec-06	05-Dec-06	26173c-2115
Molybdenum (Mo)	NA	EPA 6020m	0.925	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Nickel (Ni)	NA	EPA 6020m	11.61	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Selenium (Se)	NA	EPA 6020m	0.33	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Silver (Ag)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Strontium (Sr)	NA	EPA 6020m	72.44	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Thallium (Tl)	NA	EPA 6020m	0.191	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Tin (Sn)	NA	EPA 6020m	2.195	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Titanium (Ti)	NA	EPA 6020m	321.476	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Vanadium (V)	NA	EPA 6020m	12.26	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Zinc (Zn)	NA	EPA 6020m	207.874	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46256

Sample W1

Date Sampled: 26-Oct-06 9:40

Replicate #: R2

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	Total	EPA 200.8m	237	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Aluminum (Al)	Dissolved	EPA 200.8m	ND	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Total	EPA 200.8m	1.3	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Dissolved	EPA 200.8m	1.3	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Total	EPA 200.8m	1.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Dissolved	EPA 200.8m	1.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Total	EPA 200.8m	92.9	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Dissolved	EPA 200.8m	89.1	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Total	EPA 200.8m	J 0.3	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Total	EPA 200.8m	1.3	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Dissolved	EPA 200.8m	0.8	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Total	EPA 200.8m	J 0.4	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Dissolved	EPA 200.8m	J 0.2	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Total	EPA 200.8m	9.9	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Dissolved	EPA 200.8m	4.8	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Total	EPA 200.8m	523	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Dissolved	EPA 200.8m	97	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Total	EPA 200.8m	4.31	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Dissolved	EPA 200.8m	0.46	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Total	EPA 200.8m	26.1	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Dissolved	EPA 200.8m	0.9	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Mercury (Hg)	Total	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46256

R2

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46256

Sample W1

Date Sampled: 26-Oct-06 9:40

Replicate #: R2

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Mercury (Hg)	Dissolved	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090
Molybdenum (Mo)	Total	EPA 200.8m	5.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Molybdenum (Mo)	Dissolved	EPA 200.8m	7.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Total	EPA 200.8m	3.9	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Dissolved	EPA 200.8m	3.2	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Total	EPA 200.8m	1.3	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Dissolved	EPA 200.8m	1.8	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Total	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Dissolved	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Total	EPA 200.8m	533.2	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Dissolved	EPA 200.8m	534.6	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Total	EPA 200.8m	6.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Dissolved	EPA 200.8m	J 0.3	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Total	EPA 200.8m	3.5	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Dissolved	EPA 200.8m	2.7	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Total	EPA 200.8m	48.1	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Dissolved	EPA 200.8m	29.3	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46256

R2

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46262

Sample S1

Date Sampled: 26-Oct-06 11:50

Replicate #: R2

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	NA	EPA 6020m	3426	µg/dry g	1	5	05-Dec-06	12-Dec-06	26173c-15066
Antimony (Sb)	NA	EPA 6020m	0.494	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Arsenic (As)	NA	EPA 6020m	1.055	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Barium (Ba)	NA	EPA 6020m	45.718	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Beryllium (Be)	NA	EPA 6020m	0.064	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Cadmium (Cd)	NA	EPA 6020m	0.498	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Chromium (Cr)	NA	EPA 6020m	6.05	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Cobalt (Co)	NA	EPA 6020m	2.152	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Copper (Cu)	NA	EPA 6020m	14.37	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Iron (Fe)	NA	EPA 6020m	6539	µg/dry g	1	5	05-Dec-06	12-Dec-06	26173c-15066
Lead (Pb)	NA	EPA 6020m	30.608	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Manganese (Mn)	NA	EPA 6020m	126.996	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Mercury (Hg)	NA	EPA 245.7m	0.064	µg/dry g	0.01	0.02	05-Dec-06	05-Dec-06	26173c-2115
Molybdenum (Mo)	NA	EPA 6020m	0.601	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Nickel (Ni)	NA	EPA 6020m	6.297	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Selenium (Se)	NA	EPA 6020m	0.133	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Silver (Ag)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Strontium (Sr)	NA	EPA 6020m	28.61	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Thallium (Tl)	NA	EPA 6020m	0.089	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Tin (Sn)	NA	EPA 6020m	0.866	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Titanium (Ti)	NA	EPA 6020m	226.476	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Vanadium (V)	NA	EPA 6020m	9.206	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Zinc (Zn)	NA	EPA 6020m	530.774	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46262

R2

AROCLOR-BASED PCB RESULTS

CRG Marine Laboratories, Inc.

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

Aroclor PCBs

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46262

Sample S1

Date Sampled: 26-Oct-06 11:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aroclor 1016	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1221	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1232	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1242	NA	EPA 8270Cm	82.3	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1248	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1254	NA	EPA 8270Cm	J 16	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1260	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46262

R1

CRG Marine Laboratories, Inc.

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

Aroclor PCBs

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46264

Sample S3

Date Sampled: 26-Oct-06 12:20

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aroclor 1016	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1221	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1232	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1242	NA	EPA 8270Cm	88	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1248	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1254	NA	EPA 8270Cm	119.5	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1260	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46264

R1

CRG Marine Laboratories, Inc.

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

Aroclor PCBs

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aroclor 1016	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1221	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1232	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1242	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1248	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1254	NA	EPA 8270Cm	J 10	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1260	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R1

CRG Marine Laboratories, Inc.

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

Aroclor PCBs

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R2

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aroclor 1016	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1221	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1232	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1242	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1248	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1254	NA	EPA 8270Cm	J 13.1	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153
Aroclor 1260	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R2

CHLORINATED PESTICIDE RESULTS

CRG Marine Laboratories, Inc.

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

Chlorinated Pesticides

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46262

Sample S1

Date Sampled: 26-Oct-06 11:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID	QUALIFIER
(PCB030)	NA	EPA 8270Cm	76	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
(PCB112)	NA	EPA 8270Cm	77	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
(PCB198)	NA	EPA 8270Cm	94	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
(TCMX)	NA	EPA 8270Cm	77	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
2,4'-DDD	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	M3
2,4'-DDE	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
2,4'-DDT	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
4,4'-DDD	NA	EPA 8270Cm	11.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
4,4'-DDE	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	M3
4,4'-DDT	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	M3
Aldrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-alpha	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-beta	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-delta	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-gamma	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Chlordane-alpha	NA	EPA 8270Cm	J 3.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Chlordane-gamma	NA	EPA 8270Cm	J 3.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
cis-Nonachlor	NA	EPA 8270Cm	J 1.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
DCPA (Dacthal)	NA	EPA 8270Cm	ND	ng/dry g	5	10	09-Dec-06	14-Dec-06	26173c-21153	
Dicofol	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Dieldrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endosulfan Sulfate	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endosulfan-I	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endosulfan-II	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46262

R1

CRG Marine Laboratories, Inc.

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

Chlorinated Pesticides

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46262

Sample S1

Date Sampled: 26-Oct-06 11:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID	QUALIFIER
Endrin Aldehyde	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endrin Ketone	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Heptachlor	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Heptachlor Epoxide	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Methoxychlor	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Mirex	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Oxychlordane	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Perthane	NA	EPA 8270Cm	ND	ng/dry g	5	10	09-Dec-06	14-Dec-06	26173c-21153	
Total Chlordane	NA	EPA 8270Cm	10.2	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153	
Total Detectable DDTs	NA	EPA 8270Cm	11.8	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153	
Toxaphene	NA	EPA 8270Cm	ND	ng/dry g	10	50	09-Dec-06	14-Dec-06	26173c-21153	
trans-Nonachlor	NA	EPA 8270Cm	J 2.1	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46262

R1

CRG Marine Laboratories, Inc.

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

Chlorinated Pesticides

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46264

Sample S3

Date Sampled: 26-Oct-06 12:20

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID	QUALIFIER
(PCB030)	NA	EPA 8270Cm	72	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
(PCB112)	NA	EPA 8270Cm	73	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
(PCB198)	NA	EPA 8270Cm	91	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
(TCMX)	NA	EPA 8270Cm	69	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
2,4'-DDD	NA	EPA 8270Cm	32.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	M3
2,4'-DDE	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
2,4'-DDT	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
4,4'-DDD	NA	EPA 8270Cm	124.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
4,4'-DDE	NA	EPA 8270Cm	45.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	M3
4,4'-DDT	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	M3
Aldrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-alpha	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-beta	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-delta	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-gamma	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Chlordane-alpha	NA	EPA 8270Cm	9.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Chlordane-gamma	NA	EPA 8270Cm	12.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
cis-Nonachlor	NA	EPA 8270Cm	J 4.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
DCPA (Dacthal)	NA	EPA 8270Cm	ND	ng/dry g	5	10	09-Dec-06	14-Dec-06	26173c-21153	
Dicofol	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Dieldrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endosulfan Sulfate	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endosulfan-I	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endosulfan-II	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46264

R1

CRG Marine Laboratories, Inc.

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

Chlorinated Pesticides

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46264

Sample S3

Date Sampled: 26-Oct-06 12:20

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID	QUALIFIER
Endrin Aldehyde	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endrin Ketone	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Heptachlor	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Heptachlor Epoxide	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Methoxychlor	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Mirex	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Oxychlordane	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Perthane	NA	EPA 8270Cm	ND	ng/dry g	5	10	09-Dec-06	14-Dec-06	26173c-21153	
Total Chlordane	NA	EPA 8270Cm	33.6	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153	
Total Detectable DDTs	NA	EPA 8270Cm	203.1	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153	
Toxaphene	NA	EPA 8270Cm	ND	ng/dry g	10	50	09-Dec-06	14-Dec-06	26173c-21153	
trans-Nonachlor	NA	EPA 8270Cm	6.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46264

R1

CRG Marine Laboratories, Inc.

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

Chlorinated Pesticides

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID	QUALIFIER
(PCB030)	NA	EPA 8270Cm	82	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
(PCB112)	NA	EPA 8270Cm	84	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
(PCB198)	NA	EPA 8270Cm	76	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
(TCMX)	NA	EPA 8270Cm	83	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
2,4'-DDD	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	M3
2,4'-DDE	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
2,4'-DDT	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
4,4'-DDD	NA	EPA 8270Cm	7.2	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
4,4'-DDE	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	M3
4,4'-DDT	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	M3
Aldrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-alpha	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-beta	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-delta	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-gamma	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Chlordane-alpha	NA	EPA 8270Cm	J 2.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	NA
Chlordane-gamma	NA	EPA 8270Cm	J 2.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	NA
cis-Nonachlor	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
DCPA (Dacthal)	NA	EPA 8270Cm	ND	ng/dry g	5	10	09-Dec-06	14-Dec-06	26173c-21153	
Dicofol	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Dieldrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endosulfan Sulfate	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endosulfan-I	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endosulfan-II	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R1

CRG Marine Laboratories, Inc.

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

Chlorinated Pesticides

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID	QUALIFIER
Endrin Aldehyde	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endrin Ketone	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Heptachlor	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Heptachlor Epoxide	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Methoxychlor	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Mirex	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Oxychlordane	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Perthane	NA	EPA 8270Cm	ND	ng/dry g	5	10	09-Dec-06	14-Dec-06	26173c-21153	
Total Chlordane	NA	EPA 8270Cm	7.3	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153	
Total Detectable DDTs	NA	EPA 8270Cm	7.2	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153	
Toxaphene	NA	EPA 8270Cm	ND	ng/dry g	10	50	09-Dec-06	14-Dec-06	26173c-21153	
trans-Nonachlor	NA	EPA 8270Cm	J 2	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R1

CRG Marine Laboratories, Inc.

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

Chlorinated Pesticides

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R2

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID	QUALIFIER
(PCB030)	NA	EPA 8270Cm	77	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
(PCB112)	NA	EPA 8270Cm	75	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
(PCB198)	NA	EPA 8270Cm	97	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
(TCMX)	NA	EPA 8270Cm	76	% Recovery			09-Dec-06	14-Dec-06	26173c-21153	
2,4'-DDD	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	M3
2,4'-DDE	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
2,4'-DDT	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
4,4'-DDD	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
4,4'-DDE	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	M3
4,4'-DDT	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	M3
Aldrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-alpha	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-beta	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-delta	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
BHC-gamma	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Chlordane-alpha	NA	EPA 8270Cm	J 1.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	NA
Chlordane-gamma	NA	EPA 8270Cm	J 1.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	NA
cis-Nonachlor	NA	EPA 8270Cm	J 2	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
DCPA (Dacthal)	NA	EPA 8270Cm	ND	ng/dry g	5	10	09-Dec-06	14-Dec-06	26173c-21153	
Dicofol	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Dieldrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endosulfan Sulfate	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endosulfan-I	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endosulfan-II	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R2

CRG Marine Laboratories, Inc.

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

Chlorinated Pesticides

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R2

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID	QUALIFIER
Endrin Aldehyde	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Endrin Ketone	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Heptachlor	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Heptachlor Epoxide	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Methoxychlor	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Mirex	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Oxychlordane	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	
Perthane	NA	EPA 8270Cm	ND	ng/dry g	5	10	09-Dec-06	14-Dec-06	26173c-21153	
Total Chlordane	NA	EPA 8270Cm	7.1	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153	
Total Detectable DDTs	NA	EPA 8270Cm	0	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153	
Toxaphene	NA	EPA 8270Cm	ND	ng/dry g	10	50	09-Dec-06	14-Dec-06	26173c-21153	
trans-Nonachlor	NA	EPA 8270Cm	J 1.7	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153	

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R2

CONGENER-BASED PCB RESULTS

CRG Marine Laboratories, Inc.

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

PCB Congeners

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46262

Sample S1

Date Sampled: 26-Oct-06 11:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB018	NA	EPA 8270Cm	J 3.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB028	NA	EPA 8270Cm	J 3.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB031	NA	EPA 8270Cm	6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB033	NA	EPA 8270Cm	J 3.1	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB037	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB044	NA	EPA 8270Cm	J 2.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB049	NA	EPA 8270Cm	J 1.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB052	NA	EPA 8270Cm	J 2.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB066	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB070	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB074	NA	EPA 8270Cm	J 1.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB077	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB081	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB087	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB095	NA	EPA 8270Cm	J 1.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB097	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB099	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB101	NA	EPA 8270Cm	J 1.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB105	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB110	NA	EPA 8270Cm	J 2	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB114	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB118	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB119	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB123	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB126	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46262

R1

CRG Marine Laboratories, Inc.

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

PCB Congeners

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46262

Sample S1

Date Sampled: 26-Oct-06 11:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB128+167	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB138	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB141	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB149	NA	EPA 8270Cm	J 1.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB151	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB153	NA	EPA 8270Cm	J 1.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB156	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB157	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB158	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB168+132	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB169	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB170	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB177	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB180	NA	EPA 8270Cm	J 1.7	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB183	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB187	NA	EPA 8270Cm	J 1.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB189	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB194	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB200	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB201	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB206	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Total Detectable PCBs	NA	EPA 8270Cm	35.8	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46262

R1

CRG Marine Laboratories, Inc.

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

PCB Congeners

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46264

Sample S3

Date Sampled: 26-Oct-06 12:20

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB018	NA	EPA 8270Cm	J 4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB028	NA	EPA 8270Cm	J 3.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB031	NA	EPA 8270Cm	6.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB033	NA	EPA 8270Cm	5.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB037	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB044	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB049	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB052	NA	EPA 8270Cm	5.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB066	NA	EPA 8270Cm	7.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB070	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB074	NA	EPA 8270Cm	J 3.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB077	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB081	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB087	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB095	NA	EPA 8270Cm	12.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB097	NA	EPA 8270Cm	J 4.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB099	NA	EPA 8270Cm	J 4.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB101	NA	EPA 8270Cm	15.1	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB105	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB110	NA	EPA 8270Cm	14.7	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB114	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB118	NA	EPA 8270Cm	7.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB119	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB123	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB126	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46264

R1

CRG Marine Laboratories, Inc.

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

PCB Congeners

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46264

Sample S3

Date Sampled: 26-Oct-06 12:20

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB128+167	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB138	NA	EPA 8270Cm	16	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB141	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB149	NA	EPA 8270Cm	14.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB151	NA	EPA 8270Cm	J 4.7	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB153	NA	EPA 8270Cm	16.1	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB156	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB157	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB158	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB168+132	NA	EPA 8270Cm	J 4.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB169	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB170	NA	EPA 8270Cm	8.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB177	NA	EPA 8270Cm	6.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB180	NA	EPA 8270Cm	12.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB183	NA	EPA 8270Cm	J 3.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB187	NA	EPA 8270Cm	8.2	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB189	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB194	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB200	NA	EPA 8270Cm	J 3.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB201	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB206	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Total Detectable PCBs	NA	EPA 8270Cm	193.9	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46264

R1

CRG Marine Laboratories, Inc.

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

PCB Congeners

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB018	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB028	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB031	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB033	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB037	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB044	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB049	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB052	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB066	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB070	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB074	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB077	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB081	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB087	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB095	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB097	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB099	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB101	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB105	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB110	NA	EPA 8270Cm	J 1.2	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB114	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB118	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB119	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB123	NA	EPA 8270Cm	J 1.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB126	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R1

CRG Marine Laboratories, Inc.

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

PCB Congeners

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB128+167	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB138	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB141	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB149	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB151	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB153	NA	EPA 8270Cm	J 1.2	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB156	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB157	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB158	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB168+132	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB169	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB170	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB177	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB180	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB183	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB187	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB189	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB194	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB200	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB201	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB206	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Total Detectable PCBs	NA	EPA 8270Cm	3.7	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R1

CRG Marine Laboratories, Inc.

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

PCB Congeners

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R2

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB018	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB028	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB031	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB033	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB037	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB044	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB049	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB052	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB066	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB070	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB074	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB077	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB081	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB087	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB095	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB097	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB099	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB101	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB105	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB110	NA	EPA 8270Cm	J 1.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB114	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB118	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB119	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB123	NA	EPA 8270Cm	J 1.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB126	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R2

CRG Marine Laboratories, Inc.

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

PCB Congeners

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R2

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB128+167	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB138	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB141	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB149	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB151	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB153	NA	EPA 8270Cm	J 3.1	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB156	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB157	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB158	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB168+132	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB169	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB170	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB177	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB180	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB183	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB187	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB189	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB194	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB200	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB201	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
PCB206	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Total Detectable PCBs	NA	EPA 8270Cm	6.2	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R2

POLYNUCLEAR AROMATIC HYDROCARBON RESULTS

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46259

Sample W4

Date Sampled: 26-Oct-06 11:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
(d10-Acenaphthene)	Total	EPA 625m	77	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d10-Phenanthrene)	Total	EPA 625m	96	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d12-Chrysene)	Total	EPA 625m	95	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d12-Perylene)	Total	EPA 625m	97	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d8-Naphthalene)	Total	EPA 625m	59	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
1-Methylnaphthalene	Total	EPA 625m	12.4	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
1-Methylphenanthrene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
2,3,5-Trimethylnaphthalene	Total	EPA 625m	12.6	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
2,6-Dimethylnaphthalene	Total	EPA 625m	14.2	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
2-Methylnaphthalene	Total	EPA 625m	10.9	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Acenaphthene	Total	EPA 625m	5.6	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Acenaphthylene	Total	EPA 625m	J 3	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Anthracene	Total	EPA 625m	J 3.8	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benz[a]anthracene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[a]pyrene	Total	EPA 625m	5.3	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[b]fluoranthene	Total	EPA 625m	9.1	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[e]pyrene	Total	EPA 625m	6.2	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[g,h,i]perylene	Total	EPA 625m	13.6	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[k]fluoranthene	Total	EPA 625m	5.6	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Biphenyl	Total	EPA 625m	J 4.3	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Chrysene	Total	EPA 625m	7	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Dibenz[a,h]anthracene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Dibenzothiophene	Total	EPA 625m	6.3	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Fluoranthene	Total	EPA 625m	7	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Fluorene	Total	EPA 625m	7.9	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46259

R1

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46259

Sample W4

Date Sampled: 26-Oct-06 11:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Indeno[1,2,3-c,d]pyrene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Naphthalene	Total	EPA 625m	21.3	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Perylene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Phenanthrene	Total	EPA 625m	15	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Pyrene	Total	EPA 625m	7.7	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Total Detectable PAHs	Total	EPA 625m	178.8	ng/L			31-Oct-06	14-Nov-06	26173c-21007

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46259

R1

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46260

Sample W5

Date Sampled: 26-Oct-06 12:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
(d10-Acenaphthene)	Total	EPA 625m	99	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d10-Phenanthrene)	Total	EPA 625m	99	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d12-Chrysene)	Total	EPA 625m	96	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d12-Perylene)	Total	EPA 625m	95	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d8-Naphthalene)	Total	EPA 625m	83	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
1-Methylnaphthalene	Total	EPA 625m	10.7	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
1-Methylphenanthrene	Total	EPA 625m	J 4.2	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
2,3,5-Trimethylnaphthalene	Total	EPA 625m	8.3	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
2,6-Dimethylnaphthalene	Total	EPA 625m	17	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
2-Methylnaphthalene	Total	EPA 625m	11.9	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Acenaphthene	Total	EPA 625m	13.5	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Acenaphthylene	Total	EPA 625m	8	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Anthracene	Total	EPA 625m	6.3	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benz[a]anthracene	Total	EPA 625m	9.1	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[a]pyrene	Total	EPA 625m	8	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[b]fluoranthene	Total	EPA 625m	8.5	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[e]pyrene	Total	EPA 625m	14	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[g,h,i]perylene	Total	EPA 625m	15.9	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[k]fluoranthene	Total	EPA 625m	6.8	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Biphenyl	Total	EPA 625m	7	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Chrysene	Total	EPA 625m	14.7	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Dibenz[a,h]anthracene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Dibenzothiophene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Fluoranthene	Total	EPA 625m	21.6	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Fluorene	Total	EPA 625m	7.4	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46260

R1

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46260

Sample W5

Date Sampled: 26-Oct-06 12:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Indeno[1,2,3-c,d]pyrene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Naphthalene	Total	EPA 625m	27.3	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Perylene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Phenanthrene	Total	EPA 625m	26.5	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Pyrene	Total	EPA 625m	17.4	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Total Detectable PAHs	Total	EPA 625m	264.1	ng/L			31-Oct-06	14-Nov-06	26173c-21007

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46260

R1

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46261

Sample: W6

Date Sampled: 26-Oct-06 1:40

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
(d10-Acenaphthene)	Total	EPA 625m	91	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d10-Phenanthrene)	Total	EPA 625m	96	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d12-Chrysene)	Total	EPA 625m	98	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d12-Perylene)	Total	EPA 625m	97	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d8-Naphthalene)	Total	EPA 625m	74	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
1-Methylnaphthalene	Total	EPA 625m	7	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
1-Methylphenanthrene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
2,3,5-Trimethylnaphthalene	Total	EPA 625m	7.5	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
2,6-Dimethylnaphthalene	Total	EPA 625m	9.9	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
2-Methylnaphthalene	Total	EPA 625m	7	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Acenaphthene	Total	EPA 625m	7.5	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Acenaphthylene	Total	EPA 625m	J 3.4	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Anthracene	Total	EPA 625m	8.3	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benz[a]anthracene	Total	EPA 625m	6.2	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[a]pyrene	Total	EPA 625m	11.3	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[b]fluoranthene	Total	EPA 625m	8.5	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[e]pyrene	Total	EPA 625m	12.3	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[g,h,i]perylene	Total	EPA 625m	18.1	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[k]fluoranthene	Total	EPA 625m	8.5	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Biphenyl	Total	EPA 625m	J 3.6	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Chrysene	Total	EPA 625m	11.6	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Dibenz[a,h]anthracene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Dibenzothiophene	Total	EPA 625m	J 4.7	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Fluoranthene	Total	EPA 625m	15.6	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Fluorene	Total	EPA 625m	8	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46261

R1

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46261

Sample W6

Date Sampled: 26-Oct-06 1:40

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Indeno[1,2,3-c,d]pyrene	Total	EPA 625m	9.4	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Naphthalene	Total	EPA 625m	J 4.6	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Perylene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Phenanthrene	Total	EPA 625m	13.8	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Pyrene	Total	EPA 625m	11.4	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Total Detectable PAHs	Total	EPA 625m	198.2	ng/L			31-Oct-06	14-Nov-06	26173c-21007

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46261

R1

CRG Marine Laboratories, Inc.

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Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46262

Sample S1

Date Sampled: 26-Oct-06 11:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
(d10-Acenaphthene)	NA	EPA 8270Cm	81	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d10-Phenanthrene)	NA	EPA 8270Cm	85	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d12-Chrysene)	NA	EPA 8270Cm	102	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d12-Perylene)	NA	EPA 8270Cm	99	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d8-Naphthalene)	NA	EPA 8270Cm	72	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
1-Methylnaphthalene	NA	EPA 8270Cm	J 3.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
1-Methylphenanthrene	NA	EPA 8270Cm	11.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2,3,5-Trimethylnaphthalene	NA	EPA 8270Cm	5.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2,6-Dimethylnaphthalene	NA	EPA 8270Cm	6.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2-Methylnaphthalene	NA	EPA 8270Cm	6.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Acenaphthene	NA	EPA 8270Cm	J 2.1	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Acenaphthylene	NA	EPA 8270Cm	J 1.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Anthracene	NA	EPA 8270Cm	11.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benz[a]anthracene	NA	EPA 8270Cm	40	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[a]pyrene	NA	EPA 8270Cm	56.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[b]fluoranthene	NA	EPA 8270Cm	53.7	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[e]pyrene	NA	EPA 8270Cm	72	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[g,h,i]perylene	NA	EPA 8270Cm	51.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[k]fluoranthene	NA	EPA 8270Cm	58.7	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Biphenyl	NA	EPA 8270Cm	J 2.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Chrysene	NA	EPA 8270Cm	118.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Dibenz[a,h]anthracene	NA	EPA 8270Cm	8.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Dibenzothiophene	NA	EPA 8270Cm	J 3.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Fluoranthene	NA	EPA 8270Cm	67.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Fluorene	NA	EPA 8270Cm	6.1	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46262

R1

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46262

Sample S1

Date Sampled: 26-Oct-06 11:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Indeno[1,2,3-c,d]pyrene	NA	EPA 8270Cm	30.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Naphthalene	NA	EPA 8270Cm	J 4.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Perylene	NA	EPA 8270Cm	59.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Phenanthrene	NA	EPA 8270Cm	37.1	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Pyrene	NA	EPA 8270Cm	69.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Total Detectable PAHs	NA	EPA 8270Cm	787.9	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46262

R1

CRG Marine Laboratories, Inc.

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Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46264

Sample S3

Date Sampled: 26-Oct-06 12:20

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
(d10-Acenaphthene)	NA	EPA 8270Cm	74	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d10-Phenanthrene)	NA	EPA 8270Cm	79	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d12-Chrysene)	NA	EPA 8270Cm	95	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d12-Perylene)	NA	EPA 8270Cm	96	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d8-Naphthalene)	NA	EPA 8270Cm	65	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
1-Methylnaphthalene	NA	EPA 8270Cm	15.1	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
1-Methylphenanthrene	NA	EPA 8270Cm	59.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2,3,5-Trimethylnaphthalene	NA	EPA 8270Cm	9.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2,6-Dimethylnaphthalene	NA	EPA 8270Cm	19	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2-Methylnaphthalene	NA	EPA 8270Cm	26.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Acenaphthene	NA	EPA 8270Cm	57.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Acenaphthylene	NA	EPA 8270Cm	J 3.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Anthracene	NA	EPA 8270Cm	70.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benz[a]anthracene	NA	EPA 8270Cm	519.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[a]pyrene	NA	EPA 8270Cm	665.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[b]fluoranthene	NA	EPA 8270Cm	695.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[e]pyrene	NA	EPA 8270Cm	637.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[g,h,i]perylene	NA	EPA 8270Cm	448.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[k]fluoranthene	NA	EPA 8270Cm	658.1	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Biphenyl	NA	EPA 8270Cm	7.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Chrysene	NA	EPA 8270Cm	918.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Dibenz[a,h]anthracene	NA	EPA 8270Cm	92.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Dibenzothiophene	NA	EPA 8270Cm	39.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Fluoranthene	NA	EPA 8270Cm	1669.7	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Fluorene	NA	EPA 8270Cm	59.2	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46264

R1

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46264

Sample S3

Date Sampled: 26-Oct-06 12:20

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Indeno[1,2,3-c,d]pyrene	NA	EPA 8270Cm	418.2	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Naphthalene	NA	EPA 8270Cm	13.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Perylene	NA	EPA 8270Cm	483.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Phenanthrene	NA	EPA 8270Cm	772.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Pyrene	NA	EPA 8270Cm	1047.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Total Detectable PAHs	NA	EPA 8270Cm	9409.4	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46264

R1

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
(d10-Acenaphthene)	NA	EPA 8270Cm	81	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d10-Phenanthrene)	NA	EPA 8270Cm	87	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d12-Chrysene)	NA	EPA 8270Cm	95	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d12-Perylene)	NA	EPA 8270Cm	100	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d8-Naphthalene)	NA	EPA 8270Cm	70	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
1-Methylnaphthalene	NA	EPA 8270Cm	6.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
1-Methylphenanthrene	NA	EPA 8270Cm	15.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2,3,5-Trimethylnaphthalene	NA	EPA 8270Cm	J 4.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2,6-Dimethylnaphthalene	NA	EPA 8270Cm	8.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2-Methylnaphthalene	NA	EPA 8270Cm	10.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Acenaphthene	NA	EPA 8270Cm	J 4.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Acenaphthylene	NA	EPA 8270Cm	5.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Anthracene	NA	EPA 8270Cm	14.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benz[a]anthracene	NA	EPA 8270Cm	20.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[a]pyrene	NA	EPA 8270Cm	30.7	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[b]fluoranthene	NA	EPA 8270Cm	33.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[e]pyrene	NA	EPA 8270Cm	74.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[g,h,i]perylene	NA	EPA 8270Cm	37.7	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[k]fluoranthene	NA	EPA 8270Cm	30	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Biphenyl	NA	EPA 8270Cm	7.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Chrysene	NA	EPA 8270Cm	72.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Dibenz[a,h]anthracene	NA	EPA 8270Cm	7.7	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Dibenzothiophene	NA	EPA 8270Cm	7.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Fluoranthene	NA	EPA 8270Cm	78	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Fluorene	NA	EPA 8270Cm	12.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R1

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Indeno[1,2,3-c,d]pyrene	NA	EPA 8270Cm	15.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Naphthalene	NA	EPA 8270Cm	12.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Perylene	NA	EPA 8270Cm	102.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Phenanthrene	NA	EPA 8270Cm	77.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Pyrene	NA	EPA 8270Cm	61.4	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Total Detectable PAHs	NA	EPA 8270Cm	754.6	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R1

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R2

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
(d10-Acenaphthene)	NA	EPA 8270Cm	79	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d10-Phenanthrene)	NA	EPA 8270Cm	84	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d12-Chrysene)	NA	EPA 8270Cm	97	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d12-Perylene)	NA	EPA 8270Cm	96	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d8-Naphthalene)	NA	EPA 8270Cm	70	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
1-Methylnaphthalene	NA	EPA 8270Cm	32.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
1-Methylphenanthrene	NA	EPA 8270Cm	17.2	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2,3,5-Trimethylnaphthalene	NA	EPA 8270Cm	7.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2,6-Dimethylnaphthalene	NA	EPA 8270Cm	33.1	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2-Methylnaphthalene	NA	EPA 8270Cm	14.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Acenaphthene	NA	EPA 8270Cm	134.3	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Acenaphthylene	NA	EPA 8270Cm	6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Anthracene	NA	EPA 8270Cm	44.1	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benz[a]anthracene	NA	EPA 8270Cm	109.7	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[a]pyrene	NA	EPA 8270Cm	129.2	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[b]fluoranthene	NA	EPA 8270Cm	117.1	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[e]pyrene	NA	EPA 8270Cm	125.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[g,h,i]perylene	NA	EPA 8270Cm	105.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[k]fluoranthene	NA	EPA 8270Cm	104.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Biphenyl	NA	EPA 8270Cm	8.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Chrysene	NA	EPA 8270Cm	166.2	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Dibenz[a,h]anthracene	NA	EPA 8270Cm	22.5	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Dibenzothiophene	NA	EPA 8270Cm	20.8	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Fluoranthene	NA	EPA 8270Cm	331.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Fluorene	NA	EPA 8270Cm	108.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R2

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46266

Sample S5

Date Sampled: 26-Oct-06 1:00

Replicate #: R2

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Sediment

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Indeno[1,2,3-c,d]pyrene	NA	EPA 8270Cm	82.6	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Naphthalene	NA	EPA 8270Cm	32.2	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Perylene	NA	EPA 8270Cm	142.1	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Phenanthrene	NA	EPA 8270Cm	236.9	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Pyrene	NA	EPA 8270Cm	219.7	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Total Detectable PAHs	NA	EPA 8270Cm	2354.4	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46266

R2

GENERAL CHEMISTRY RESULTS

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46256

Sample W1

Date Sampled: 26-Oct-06 9:40

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Ammonia-N	NA	SM 4500-NH3 F	J 0.01	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
Nitrate-N	NA	EPA 300.0	1.24	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
Nitrite-N	NA	EPA 300.0	ND	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
pH	NA	EPA 150.1	8.3	pH Units	0.1	0.2	27-Oct-06	27-Oct-06	26173c-102706
Total Hardness as CaCO3	NA	SM 2340 B	169	mg/L	1	5	30-Nov-06	03-Dec-06	26173c-15059
Total Suspended Solids	NA	SM 2540 D	ND	mg/L	0.5	5	27-Oct-06	27-Oct-06	26173c-102706

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46256

R1

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46257

Sample W2

Date Sampled: 26-Oct-06 9:55

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Ammonia-N	NA	SM 4500-NH3 F	J 0.02	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
Nitrate-N	NA	EPA 300.0	2.97	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
Nitrite-N	NA	EPA 300.0	ND	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
pH	NA	EPA 150.1	8.3	pH Units	0.1	0.2	27-Oct-06	27-Oct-06	26173c-102706
Total Hardness as CaCO3	NA	SM 2340 B	201	mg/L	1	5	30-Nov-06	03-Dec-06	26173c-15059
Total Suspended Solids	NA	SM 2540 D	J 3	mg/L	0.5	5	27-Oct-06	27-Oct-06	26173c-102706

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46257

R1

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46258

Sample W3

Date Sampled: 26-Oct-06 10:25

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Ammonia-N	NA	SM 4500-NH3 F	J 0.04	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
Nitrate-N	NA	EPA 300.0	0.85	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
Nitrite-N	NA	EPA 300.0	ND	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
pH	NA	EPA 150.1	8.4	pH Units	0.1	0.2	27-Oct-06	27-Oct-06	26173c-102706
Total Hardness as CaCO3	NA	SM 2340 B	117	mg/L	1	5	30-Nov-06	03-Dec-06	26173c-15059
Total Suspended Solids	NA	SM 2540 D	ND	mg/L	0.5	5	27-Oct-06	27-Oct-06	26173c-102706

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46258

R1

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46259

Sample W4

Date Sampled: 26-Oct-06 11:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Ammonia-N	NA	SM 4500-NH3 F	0.82	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
Nitrate-N	NA	EPA 300.0	J 0.03	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
Nitrite-N	NA	EPA 300.0	ND	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
pH	NA	EPA 150.1	8	pH Units	0.1	0.2	27-Oct-06	27-Oct-06	26173c-102706
Total Hardness as CaCO3	NA	SM 2340 B	153	mg/L	1	5	30-Nov-06	03-Dec-06	26173c-15059
Total Suspended Solids	NA	SM 2540 D	16	mg/L	0.5	5	27-Oct-06	27-Oct-06	26173c-102706

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46259

R1

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46260

Sample W5

Date Sampled: 26-Oct-06 12:50

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Ammonia-N	NA	SM 4500-NH3 F	J 0.01	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
Nitrate-N	NA	EPA 300.0	ND	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
Nitrite-N	NA	EPA 300.0	ND	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
pH	NA	EPA 150.1	7.9	pH Units	0.1	0.2	27-Oct-06	27-Oct-06	26173c-102706
Total Hardness as CaCO3	NA	SM 2340 B	158	mg/L	1	5	30-Nov-06	03-Dec-06	26173c-15059
Total Suspended Solids	NA	SM 2540 D	8	mg/L	0.5	5	27-Oct-06	27-Oct-06	26173c-102706

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46260

R1

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46261

Sample W6

Date Sampled: 26-Oct-06 1:40

Replicate #: R1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Ammonia-N	NA	SM 4500-NH3 F	1	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
Nitrate-N	NA	EPA 300.0	J 0.02	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
Nitrite-N	NA	EPA 300.0	ND	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
pH	NA	EPA 150.1	9.9	pH Units	0.1	0.2	27-Oct-06	27-Oct-06	26173c-102706
Total Hardness as CaCO3	NA	SM 2340 B	162	mg/L	1	5	30-Nov-06	03-Dec-06	26173c-15059
Total Suspended Solids	NA	SM 2540 D	53	mg/L	0.5	5	27-Oct-06	27-Oct-06	26173c-102706

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46261

R1

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46256

Sample W1

Date Sampled: 26-Oct-06 9:40

Replicate #: R2

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Total Hardness as CaCO3	NA	SM 2340 B	165	mg/L	1	5	30-Nov-06	03-Dec-06	26173c-15059

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46256

R2

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46261

Sample W6

Date Sampled: 26-Oct-06 1:40

Replicate #: R2

Description: Compton Creek Watershed

Date Received: 26-Oct-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Ammonia-N	NA	SM 4500-NH3 F	0.9	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
pH	NA	EPA 150.1	7.6	pH Units	0.1	0.2	27-Oct-06	27-Oct-06	26173c-102706

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46261

R2

QUALITY CONTROL REPORT

PROCEDURAL BLANK RESULTS

CRG Marine Laboratories, Inc.

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

Aroclor PCBs

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 49820

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description: Compton Creek Watershed

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aroclor 1016	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	16-Dec-06	26173c-21153
Aroclor 1221	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	16-Dec-06	26173c-21153
Aroclor 1232	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	16-Dec-06	26173c-21153
Aroclor 1242	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	16-Dec-06	26173c-21153
Aroclor 1248	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	16-Dec-06	26173c-21153
Aroclor 1254	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	16-Dec-06	26173c-21153
Aroclor 1260	NA	EPA 8270Cm	ND	ng/dry g	10	20	09-Dec-06	16-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

49820

B1

CRG Marine Laboratories, Inc.

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

Chlorinated Pesticides

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 49820

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description: Compton Creek Watershed

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
(PCB030)	NA	EPA 625m	95	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(PCB112)	NA	EPA 625m	95	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(PCB198)	NA	EPA 625m	96	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(TCMX)	NA	EPA 625m	89	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
2,4'-DDD	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2,4'-DDE	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2,4'-DDT	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
4,4'-DDD	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
4,4'-DDE	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
4,4'-DDT	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Aldrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
BHC-alpha	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
BHC-beta	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
BHC-delta	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
BHC-gamma	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Chlordane-alpha	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Chlordane-gamma	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
cis-Nonachlor	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
DCPA (Dacthal)	NA	EPA 8270Cm	ND	ng/dry g	5	10	09-Dec-06	14-Dec-06	26173c-21153
Dicofol	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Dieldrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Endosulfan Sulfate	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Endosulfan-I	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Endosulfan-II	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Endrin	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

49820

B1

CRG Marine Laboratories, Inc.

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

Chlorinated Pesticides

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 49820

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description: Compton Creek Watershed

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Endrin Aldehyde	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Endrin Ketone	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Heptachlor	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Heptachlor Epoxide	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Methoxychlor	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Mirex	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Oxychlordane	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Perthane	NA	EPA 8270Cm	ND	ng/dry g	5	10	09-Dec-06	14-Dec-06	26173c-21153
Total Chlordane	NA	EPA 8270Cm	0	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153
Total Detectable DDTs	NA	EPA 8270Cm	0	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153
Toxaphene	NA	EPA 8270Cm	ND	ng/dry g	10	50	09-Dec-06	14-Dec-06	26173c-21153
trans-Nonachlor	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

49820

B1

CRG Marine Laboratories, Inc.

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

PCB Congeners

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 49820

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description: Compton Creek Watershed

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB018	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB028	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB031	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB033	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB037	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB044	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB049	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB052	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB066	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB070	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB074	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB077	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB081	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB087	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB095	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB097	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB099	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB101	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB105	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB110	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB114	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB118	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB119	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB123	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB126	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

49820

B1

CRG Marine Laboratories, Inc.

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

PCB Congeners

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 49820

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description: Compton Creek Watershed

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB128+167	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB138	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB141	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB149	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB151	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB153	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB156	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB157	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB158	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB168+132	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB169	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB170	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB177	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB180	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB183	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB187	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB189	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB194	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB200	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB201	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
PCB206	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	16-Dec-06	26173c-21153
Total Detectable PCBs	NA	EPA 8270Cm	= 0	ng/dry g			09-Dec-06	16-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

49820

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CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46255

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description: Compton Creek Watershed

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
(d10-Acenaphthene)	Total	EPA 625m	88	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d10-Phenanthrene)	Total	EPA 625m	95	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d12-Chrysene)	Total	EPA 625m	93	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d12-Perylene)	Total	EPA 625m	84	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
(d8-Naphthalene)	Total	EPA 625m	78	% Recovery			31-Oct-06	14-Nov-06	26173c-21007
1-Methylnaphthalene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
1-Methylphenanthrene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
2,3,5-Trimethylnaphthalene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
2,6-Dimethylnaphthalene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
2-Methylnaphthalene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Acenaphthene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Acenaphthylene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Anthracene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benz[a]anthracene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[a]pyrene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[b]fluoranthene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[e]pyrene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[g,h,i]perylene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Benzo[k]fluoranthene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Biphenyl	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Chrysene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Dibenz[a,h]anthracene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Dibenzothiophene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Fluoranthene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Fluorene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46255

B1

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46255

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description: Compton Creek Watershed

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Indeno[1,2,3-c,d]pyrene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Naphthalene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Perylene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Phenanthrene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Pyrene	Total	EPA 625m	ND	ng/L	1	5	31-Oct-06	14-Nov-06	26173c-21007
Total Detectable PAHs	Total	EPA 625m	0	ng/L			31-Oct-06	14-Nov-06	26173c-21007

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46255

B1

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 49820

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description: Compton Creek Watershed

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
(d10-Acenaphthene)	NA	EPA 8270Cm	74	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d10-Phenanthrene)	NA	EPA 8270Cm	88	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d12-Chrysene)	NA	EPA 8270Cm	104	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d12-Perylene)	NA	EPA 8270Cm	98	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
(d8-Naphthalene)	NA	EPA 8270Cm	66	% Recovery			09-Dec-06	14-Dec-06	26173c-21153
1-Methylnaphthalene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
1-Methylphenanthrene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2,3,5-Trimethylnaphthalene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2,6-Dimethylnaphthalene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
2-Methylnaphthalene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Acenaphthene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Acenaphthylene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Anthracene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benz[a]anthracene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[a]pyrene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[b]fluoranthene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[e]pyrene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[g,h,i]perylene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Benzo[k]fluoranthene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Biphenyl	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Chrysene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Dibenz[a,h]anthracene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Dibenzothiophene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Fluoranthene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Fluorene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

49820

B1

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 49820

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description: Compton Creek Watershed

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Indeno[1,2,3-c,d]pyrene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Naphthalene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Perylene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Phenanthrene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Pyrene	NA	EPA 8270Cm	ND	ng/dry g	1	5	09-Dec-06	14-Dec-06	26173c-21153
Total Detectable PAHs	NA	EPA 8270Cm	= 0	ng/dry g			09-Dec-06	14-Dec-06	26173c-21153

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

49820

B1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 49820

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description: Compton Creek Watershed

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	NA	EPA 6020m	ND	µg/dry g	1	5	05-Dec-06	12-Dec-06	26173c-15066
Antimony (Sb)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Arsenic (As)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Barium (Ba)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Beryllium (Be)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Cadmium (Cd)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Chromium (Cr)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Cobalt (Co)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Copper (Cu)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Iron (Fe)	NA	EPA 6020m	ND	µg/dry g	1	5	05-Dec-06	12-Dec-06	26173c-15066
Lead (Pb)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Manganese (Mn)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Mercury (Hg)	NA	EPA 245.7m	ND	µg/dry g	0.01	0.02	05-Dec-06	05-Dec-06	26173c-2115
Molybdenum (Mo)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Nickel (Ni)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Selenium (Se)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Silver (Ag)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Strontium (Sr)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Thallium (Tl)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Tin (Sn)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Titanium (Ti)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Vanadium (V)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066
Zinc (Zn)	NA	EPA 6020m	ND	µg/dry g	0.025	0.05	05-Dec-06	12-Dec-06	26173c-15066

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

49820

B1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46255

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description: Compton Creek Watershed

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	Total	EPA 200.8m	ND	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Aluminum (Al)	Dissolved	EPA 200.8m	ND	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Antimony (Sb)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Arsenic (As)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Barium (Ba)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Beryllium (Be)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Total	EPA 200.8m	ND	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Cadmium (Cd)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.4	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Chromium (Cr)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Cobalt (Co)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Total	EPA 200.8m	ND	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Copper (Cu)	Dissolved	EPA 200.8m	ND	µg/L	0.4	0.8	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Total	EPA 200.8m	ND	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Iron (Fe)	Dissolved	EPA 200.8m	ND	µg/L	5	10	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Total	EPA 200.8m	ND	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Lead (Pb)	Dissolved	EPA 200.8m	ND	µg/L	0.05	0.1	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Manganese (Mn)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Mercury (Hg)	Total	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46255

B1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46255

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description: Compton Creek Watershed

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Mercury (Hg)	Dissolved	EPA 245.7m	ND	µg/L	0.01	0.02	03-Nov-06	03-Nov-06	26173c-2090
Molybdenum (Mo)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Molybdenum (Mo)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Nickel (Ni)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Selenium (Se)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Total	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Silver (Ag)	Dissolved	EPA 200.8m	ND	µg/L	0.5	1	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Strontium (Sr)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Thallium (Tl)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Tin (Sn)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Titanium (Ti)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Vanadium (V)	Dissolved	EPA 200.8m	ND	µg/L	0.2	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059
Zinc (Zn)	Dissolved	EPA 200.8m	ND	µg/L	0.1	0.5	30-Nov-06	03-Dec-06	26173c-15059

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46255

B1

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46255

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description: Compton Creek Watershed

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Ammonia-N	NA	SM 4500-NH3 F	ND	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
Nitrate-N	NA	EPA 300.0	ND	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
Nitrite-N	NA	EPA 300.0	ND	mg/L	0.01	0.05	27-Oct-06	27-Oct-06	26173c-102706
pH	NA	EPA 150.1	7	pH Units	0.1	0.2	27-Oct-06	27-Oct-06	26173c-102706
Total Hardness as CaCO3	NA	SM 2340 B	ND	mg/L	1	5	30-Nov-06	03-Dec-06	26173c-15059
Total Suspended Solids	NA	SM 2540 D	ND	mg/L	0.5	5	27-Oct-06	27-Oct-06	26173c-102706

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; J= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; MI = Matrix Interference

California ELAP Certificate # 2261

46255

B1

ACCURACY DATA

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 48874	Sample QAQC	CRM (RTC016-050) Lot# BE016	Date Sampled:
Replicate #: CRM1	Description: Compton Creek Watershed		Date Received:
Batch ID: 26173c-15066	Matrix: Sediment		Date Processed: 05-Dec-06
Instrument:	Analyst: P. Hershelman		Date Analyzed: 12-Dec-06

CONSTITUENT	METHOD	RESULT	UNITS	TRUE VALUE	ACCEPTANCE RANGE	COMMENT
Aluminum (Al)	EPA 6020m	15467	µg/dry g	8920	2369 - 15471	PASS
Arsenic (As)	EPA 6020m	6.414	µg/dry g	7.76	3.73 - 8.49	PASS
Barium (Ba)	EPA 6020m	98.198	µg/dry g	79.3	56.9 - 101.8	PASS
Beryllium (Be)	EPA 6020m	0.477	µg/dry g	0.49	0 - 1.1	PASS
Cadmium (Cd)	EPA 6020m	0.294	µg/dry g	0.47	0 - 1.2	PASS
Chromium (Cr)	EPA 6020m	23.94	µg/dry g	14.5	1.1 - 28.0	PASS
Cobalt (Co)	EPA 6020m	6.499	µg/dry g	5.96	3.6 - 8.4	PASS
Copper (Cu)	EPA 6020m	15.14	µg/dry g	15.5	11.9 - 19.1	PASS
Iron (Fe)	EPA 6020m	19389	µg/dry g	16831	11698 - 21965	PASS
Lead (Pb)	EPA 6020m	14.858	µg/dry g	14.1	7.7 - 20.6	PASS
Manganese (Mn)	EPA 6020m	204.796	µg/dry g	180	144 - 216	PASS
Mercury (Hg)	EPA 245.7m	0.174	µg/dry g	0.158	0 - .357	PASS
Nickel (Ni)	EPA 6020m	18.05	µg/dry g	16.7	11.9 - 21.6	PASS
Vanadium (V)	EPA 6020m	37.67	µg/dry g	22.5	6.5 - 38.4	PASS
Zinc (Zn)	EPA 6020m	62.704	µg/dry g	69.7	49.1 - 90.3	PASS

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Level; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261
48874 CRM1

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 48874	Sample QAQC	CRM (RTC016-050) Lot# BE016	Date Sampled:
Replicate #: CRM2	Description: Compton Creek Watershed		Date Received:
Batch ID: 26173c-15066	Matrix: Sediment		Date Processed: 05-Dec-06
Instrument:	Analyst: P. Hershelman		Date Analyzed: 12-Dec-06

CONSTITUENT	METHOD	RESULT	UNITS	TRUE VALUE	ACCEPTANCE RANGE	COMMENT
Aluminum (Al)	EPA 6020m	14369	µg/dry g	8920	2369 - 15471	PASS
Arsenic (As)	EPA 6020m	6.417	µg/dry g	7.76	3.73 - 8.49	PASS
Barium (Ba)	EPA 6020m	95.298	µg/dry g	79.3	56.9 - 101.8	PASS
Beryllium (Be)	EPA 6020m	0.473	µg/dry g	0.49	0 - 1.1	PASS
Cadmium (Cd)	EPA 6020m	0.281	µg/dry g	0.47	0 - 1.2	PASS
Chromium (Cr)	EPA 6020m	20.31	µg/dry g	14.5	1.1 - 28.0	PASS
Cobalt (Co)	EPA 6020m	6.39	µg/dry g	5.96	3.6 - 8.4	PASS
Copper (Cu)	EPA 6020m	15.16	µg/dry g	15.5	11.9 - 19.1	PASS
Iron (Fe)	EPA 6020m	19069	µg/dry g	16831	11698 - 21965	PASS
Lead (Pb)	EPA 6020m	14.568	µg/dry g	14.1	7.7 - 20.6	PASS
Manganese (Mn)	EPA 6020m	200.996	µg/dry g	180	144 - 216	PASS
Mercury (Hg)	EPA 245.7m	0.159	µg/dry g	0.158	0 - .357	PASS
Nickel (Ni)	EPA 6020m	17.48	µg/dry g	16.7	11.9 - 21.6	PASS
Vanadium (V)	EPA 6020m	38.16	µg/dry g	22.5	6.5 - 38.4	PASS
Zinc (Zn)	EPA 6020m	63.754	µg/dry g	69.7	49.1 - 90.3	PASS

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Level; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261
48874 CRM2

CRG Marine Laboratories, Inc.
MATRIX SPIKE QAQC REPORT
Project ID: 26173c

Sample ID: **46256-MS1/MS2** **W1**

Date Sampled: **10/26/2006**

Parameter	Non-Spiked Sample			Matrix Spike Results					Matrix Spike Duplicate Results					Acceptance Range
	Concentration			Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	
	Rep-1	Rep-2	Mean											
Trace Metals				Batch ID: 26173c-15059										
Aluminum (Al)	0	0	0	89.5	89.5	100	90	PASS	88.5	88.5	100	88	PASS	50 - 140%
Antimony (Sb)	1.3	1.3	1.29	10.5	9.21	10	92	PASS	11.19	9.9	10	99	PASS	65 - 135%
Arsenic (As)	1.6	1.7	1.65	104.19	102.54	100	103	PASS	103.5	101.85	100	102	PASS	70 - 130%
Barium (Ba)	89.7	89.1	89.39	199.6	110.21	100	110	PASS	199.69	110.3	100	110	PASS	70 - 130%
Beryllium (Be)	0	0	0	73.9	73.9	100	74	PASS	73.09	73.09	100	73	PASS	60 - 130%
Cadmium (Cd)	0	0	0	11.5	11.5	10	115	PASS	11.6	11.6	10	116	PASS	75 - 130%
Chromium (Cr)	0.8	0.8	0.8	90.9	90.1	100	90	PASS	90.3	89.5	100	90	PASS	70 - 130%
Cobalt (Co)	0.2	0.2	0.2	91.5	91.3	100	91	PASS	91.9	91.7	100	92	PASS	70 - 130%
Copper (Cu)	5	4.8	4.9	98.19	93.29	100	93	PASS	98.3	93.4	100	93	PASS	70 - 130%
Iron (Fe)	96	97	96.5	185.1	88.6	100	89	PASS	188.6	92.1	100	92	PASS	55 - 140%
Lead (Pb)	0.48	0.46	0.46	82.15	81.69	100	82	PASS	84.48	84.02	100	84	PASS	65 - 135%
Manganese (Mn)	0.9	0.9	0.89	92	91.11	100	91	PASS	91.8	90.91	100	91	PASS	70 - 130%
Mercury (Hg)	0	0	0	0.92	0.92	1	92	PASS	0.92	0.92	1	92	PASS	60 - 140%
Molybdenum (Mo)	7.4	7.7	7.55	101.5	93.95	100	94	PASS	102.59	95.04	100	95	PASS	70 - 130%
Nickel (Ni)	3.1	3.2	3.15	92.8	89.65	100	90	PASS	92.5	89.35	100	89	PASS	70 - 130%

Sample ID: **46256-MS1/MS2** W1

Date Sampled: 10/26/2006

Parameter	<u>Non-Spiked Sample Concentration</u>			<u>Matrix Spike Results</u>					<u>Matrix Spike Duplicate Results</u>					Acceptance Range
	Rep-1	Rep-2	Mean	Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	
Selenium (Se)	2	1.8	1.89	102.59	100.7	100	101	PASS	103.59	101.7	100	102	PASS	60 - 150%
Silver (Ag)	0	0	0	11.3	11.3	10	113	PASS	11.39	11.39	10	114	PASS	50 - 155%
Strontium (Sr)	534.4	534.6	534.5	622.5	88	100	88	PASS	626.59	92.09	100	92	PASS	70 - 130%
Thallium (Tl)	0	0	0	80	80	100	80	PASS	80.8	80.8	100	81	PASS	70 - 130%
Tin (Sn)	0	0	0	87.3	87.3	100	87	PASS	87.8	87.8	100	88	PASS	65 - 140%
Titanium (Ti)	0.3	0.3	0.3	91.19	90.89	100	91	PASS	91.3	91	100	91	PASS	70 - 130%
Vanadium (V)	2.7	2.7	2.7	93.69	90.99	100	91	PASS	94.59	91.89	100	92	PASS	70 - 130%
Zinc (Zn)	29.7	29.3	29.5	111.59	82.09	100	82	PASS	112.9	83.4	100	83	PASS	50 - 150%

Sample ID: **46266-MS1/MS2** **S5**Date Sampled: **10/26/2006**

Parameter	Non-Spiked Sample			Matrix Spike Results					Matrix Spike Duplicate Results					Acceptance Range	
	Concentration			Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment		
	Rep-1	Rep-2	Mean												
Chlorinated Pesticides				Batch ID: 26173c-21153											
(PCB030)	0	0	0	57.35	57.35	73.58	78	PASS	39.18	39.18	50.45	78	PASS	55 - 120%	
(PCB112)	0	0	0	55.19	55.19	73.58	75	PASS	35.63	35.63	50.45	71	PASS	65 - 120%	
(PCB198)	0	0	0	61.73	61.73	73.58	84	PASS	40.41	40.41	50.45	80	PASS	60 - 120%	
(TCMX)	0	0	0	57.23	57.23	73.58	78	PASS	39.68	39.68	50.45	79	PASS	50 - 120%	
2,4'-DDD	0	0	0	37.67	37.67	29.43	128	PASS	22.23	22.23	20.18	110	PASS	50 - 135%	
2,4'-DDE	0	0	0	29.03	29.03	29.43	99	PASS	20.33	20.33	20.18	101	PASS	60 - 130%	
2,4'-DDT	0	0	0	19.61	19.61	29.43	67	PASS	13.28	13.28	20.18	66	PASS	40 - 135%	
4,4'-DDD	7.2	0	3.59	34.37	30.78	29.43	105	PASS	23.25	19.66	20.18	97	PASS	70 - 130%	
4,4'-DDE	0	0	0	28.88	28.88	29.43	98	PASS	17.9	17.9	20.18	89	PASS	65 - 130%	
4,4'-DDT	0	0	0	15.75	15.75	29.43	54	PASS	13.99	13.99	20.18	69	PASS	35 - 140%	
Aldrin	0	0	0	12.76	12.76	29.43	43	FAIL M1	7.86	7.86	20.18	39	FAIL M1	50 - 125%	
BHC-alpha	0	0	0	25.01	25.01	29.43	85	PASS	19.59	19.59	20.18	97	PASS	60 - 120%	
BHC-beta	0	0	0	23.42	23.42	29.43	80	PASS	16.9	16.9	20.18	84	PASS	60 - 120%	
BHC-delta	0	0	0	26.16	26.16	29.43	89	PASS	15.71	15.71	20.18	78	PASS	60 - 120%	
BHC-gamma	0	0	0	24.87	24.87	29.43	85	PASS	17.23	17.23	20.18	85	PASS	60 - 120%	
Chlordane-alpha	2.4	1.5	1.95	25.59	23.64	29.43	80	PASS	17.63	15.68	20.18	78	PASS	70 - 130%	
Chlordane-gamma	2.9	1.9	2.4	25.16	22.76	29.43	77	PASS	18.38	15.98	20.18	79	PASS	60 - 120%	
cis-Nonachlor	0	2	1	22.78	21.78	29.43	74	PASS	16.13	15.13	20.18	75	PASS	60 - 120%	
DCPA (Dacthal)	0	0	0	22.94	22.94	29.43	78	PASS	15.38	15.38	20.18	76	PASS	60 - 140%	
Dicofol	0	0	0	29.42	29.42	29.43	100	PASS	20.17	20.17	20.18	100	PASS	65 - 125%	

Sample ID: **46266-MS1/MS2** **S5**Date Sampled: **10/26/2006**

Parameter	Non-Spiked Sample			Matrix Spike Results					Matrix Spike Duplicate Results					Acceptance Range
	Concentration			Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	
	Rep-1	Rep-2	Mean											
Dieldrin	0	0	0	16.92	16.92	29.43	58	PASS	14.44	14.44	20.18	72	PASS	50 - 125%
Endosulfan Sulfate	0	0	0	20.65	20.65	29.43	70	PASS	18.26	18.26	20.18	91	PASS	25 - 125%
Endosulfan-I	0	0	0	0	0	29.43	0	FAIL M1	0	0	20.18	0	FAIL M1	45 - 125%
Endosulfan-II	0	0	0	0	0	29.43	0	FAIL M1	0	0	20.18	0	FAIL M1	25 - 145%
Endrin	0	0	0	0	0	29.43	0	FAIL M1	0	0	20.18	0	FAIL M1	60 - 125%
Endrin Aldehyde	0	0	0	0	0	29.43	0	FAIL M1	0	0	20.18	0	FAIL M1	60 - 120%
Endrin Ketone	0	0	0	7.37	7.37	29.43	25	FAIL M1	0	0	20.18	0	FAIL M1	45 - 125%
Heptachlor	0	0	0	22.59	22.59	29.43	77	PASS	14.48	14.48	20.18	72	PASS	45 - 125%
Heptachlor Epoxide	0	0	0	24.66	24.66	29.43	84	PASS	15.55	15.55	20.18	77	PASS	60 - 120%
Methoxychlor	0	0	0	31.56	31.56	29.43	107	PASS	19.31	19.31	20.18	96	PASS	35 - 140%
Mirex	0	0	0	20.44	20.44	29.43	69	PASS	13.67	13.67	20.18	68	PASS	50 - 130%
Oxychlordan	0	0	0	24.08	24.08	29.43	82	PASS	16.32	16.32	20.18	81	PASS	70 - 130%
Perthane	0	0	0	31.06	31.06	29.43	106	PASS	20.75	20.75	20.18	103	PASS	60 - 140%
trans-Nonachlor	2	1.7	1.85	24.64	22.79	29.43	77	PASS	18.12	16.27	20.18	81	PASS	60 - 120%

PCB Congeners**Batch ID: 26173c-21153**

PCB018	0	0	0	18.6	18.6	23.54	79	PASS	13.02	13.02	16.14	81	PASS	60 - 125%
PCB028	0	0	0	18.94	18.94	23.54	80	PASS	13.94	13.94	16.14	86	PASS	60 - 125%
PCB031	0	0	0	17.48	17.48	23.54	74	PASS	12.79	12.79	16.14	79	PASS	60 - 125%
PCB033	0	0	0	17.97	17.97	23.54	76	PASS	14.39	14.39	16.14	89	PASS	60 - 125%
PCB037	0	0	0	20.34	20.34	23.54	86	PASS	15.13	15.13	16.14	94	PASS	60 - 125%
PCB044	0	0	0	16.1	16.1	23.54	68	PASS	13.42	13.42	16.14	83	PASS	60 - 125%

Sample ID: **46266-MS1/MS2** **S5**Date Sampled: **10/26/2006**

Parameter	Non-Spiked Sample			Matrix Spike Results					Matrix Spike Duplicate Results					Acceptance Range
	Concentration			Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	
	Rep-1	Rep-2	Mean											
PCB049	0	0	0	21.01	21.01	23.54	89	PASS	12.94	12.94	16.14	80	PASS	60 - 125%
PCB052	0	0	0	17.83	17.83	23.54	76	PASS	12.86	12.86	16.14	80	PASS	60 - 125%
PCB066	0	0	0	18.05	18.05	23.54	77	PASS	12.67	12.67	16.14	79	PASS	60 - 125%
PCB070	0	0	0	18.22	18.22	23.54	77	PASS	11.82	11.82	16.14	73	PASS	60 - 125%
PCB074	0	0	0	17.07	17.07	23.54	73	PASS	10.99	10.99	16.14	68	PASS	60 - 125%
PCB077	0	0	0	15.09	15.09	23.54	64	PASS	10.59	10.59	16.14	66	PASS	60 - 125%
PCB081	0	0	0	15.9	15.9	23.54	68	PASS	12.93	12.93	16.14	80	PASS	60 - 125%
PCB087	0	0	0	21.96	21.96	23.54	93	PASS	12.42	12.42	16.14	77	PASS	60 - 125%
PCB095	0	0	0	24.14	24.14	23.54	103	PASS	13.6	13.6	16.14	84	PASS	60 - 125%
PCB097	0	0	0	23.86	23.86	23.54	101	PASS	12.09	12.09	16.14	75	PASS	60 - 125%
PCB099	0	0	0	23.09	23.09	23.54	98	PASS	12.54	12.54	16.14	78	PASS	60 - 125%
PCB101	0	0	0	26	26	23.54	110	PASS	13.76	13.76	16.14	85	PASS	60 - 125%
PCB105	0	0	0	25.71	25.71	23.54	109	PASS	11.07	11.07	16.14	69	PASS	60 - 125%
PCB110	1.2	1.6	1.4	28.76	27.36	23.54	116	PASS	13.65	12.25	16.14	76	PASS	60 - 125%
PCB114	0	0	0	16.85	16.85	23.54	72	PASS	12.04	12.04	16.14	75	PASS	60 - 125%
PCB118	0	0	0	17.79	17.79	23.54	76	PASS	11.3	11.3	16.14	70	PASS	60 - 125%
PCB119	0	0	0	17.49	17.49	23.54	74	PASS	12.51	12.51	16.14	78	PASS	60 - 125%
PCB123	1.3	1.5	1.39	17.72	16.33	23.54	69	PASS	11.56	10.17	16.14	63	PASS	60 - 125%
PCB126	0	0	0	15.12	15.12	23.54	64	PASS	10.56	10.56	16.14	65	PASS	60 - 125%
PCB128+167	0	0	0	40.58	40.58	47.09	86	PASS	24.12	24.12	32.29	75	PASS	60 - 125%
PCB138	0	0	0	19.97	19.97	23.54	85	PASS	11.28	11.28	16.14	70	PASS	60 - 125%

Sample ID: **46266-MS1/MS2** **S5**Date Sampled: **10/26/2006**

Parameter	<u>Non-Spiked Sample Concentration</u>			<u>Matrix Spike Results</u>					<u>Matrix Spike Duplicate Results</u>					Acceptance Range
	Rep-1	Rep-2	Mean	Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	
PCB141	0	0	0	18.7	18.7	23.54	79	PASS	11.26	11.26	16.14	70	PASS	60 - 125%
PCB149	0	0	0	25.4	25.4	23.54	108	PASS	14.14	14.14	16.14	88	PASS	60 - 125%
PCB151	0	0	0	20.77	20.77	23.54	88	PASS	13.67	13.67	16.14	85	PASS	60 - 125%
PCB153	1.2	3.1	2.15	29.41	27.26	23.54	116	PASS	12.57	10.42	16.14	65	PASS	60 - 125%
PCB156	0	0	0	22.64	22.64	23.54	96	PASS	10.49	10.49	16.14	65	PASS	60 - 125%
PCB157	0	0	0	16.33	16.33	23.54	69	PASS	11.25	11.25	16.14	70	PASS	60 - 125%
PCB158	0	0	0	20.33	20.33	23.54	86	PASS	10.26	10.26	16.14	64	PASS	60 - 125%
PCB168+132	0	0	0	39.61	39.61	47.09	84	PASS	23.63	23.63	32.29	73	PASS	60 - 125%
PCB169	0	0	0	15.24	15.24	23.54	65	PASS	13.31	13.31	16.14	82	PASS	60 - 125%
PCB170	0	0	0	19.38	19.38	23.54	82	PASS	12.07	12.07	16.14	75	PASS	60 - 125%
PCB177	0	0	0	22.45	22.45	23.54	95	PASS	15.84	15.84	16.14	98	PASS	60 - 125%
PCB180	0	0	0	25.49	25.49	23.54	108	PASS	14.51	14.51	16.14	90	PASS	60 - 125%
PCB183	0	0	0	23.38	23.38	23.54	99	PASS	14.42	14.42	16.14	89	PASS	60 - 125%
PCB187	0	0	0	22.72	22.72	23.54	97	PASS	14.69	14.69	16.14	91	PASS	60 - 125%
PCB189	0	0	0	16.71	16.71	23.54	71	PASS	11.9	11.9	16.14	74	PASS	60 - 125%
PCB194	0	0	0	24.73	24.73	23.54	105	PASS	16.54	16.54	16.14	102	PASS	60 - 125%
PCB200	0	0	0	19.52	19.52	23.54	83	PASS	14.32	14.32	16.14	89	PASS	60 - 125%
PCB201	0	0	0	22.73	22.73	23.54	97	PASS	17.46	17.46	16.14	108	PASS	60 - 125%
PCB206	0	0	0	21.49	21.49	23.54	91	PASS	17.24	17.24	16.14	107	PASS	60 - 125%
Polynuclear Aromatic Hydrocarbons				Batch ID: 26173c-21153										
(d10-Acenaphthene)	0	0	0	58.37	58.37	73.58	79	PASS	38.75	38.75	50.45	77	PASS	40 - 115%

Sample ID: **46266-MS1/MS2** **S5**Date Sampled: **10/26/2006**

Parameter	<u>Non-Spiked Sample Concentration</u>			<u>Matrix Spike Results</u>					<u>Matrix Spike Duplicate Results</u>					Acceptance Range
	Rep-1	Rep-2	Mean	Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	
(d10-Phenanthrene)	0	0	0	60.39	60.39	73.58	82	PASS	39.2	39.2	50.45	78	PASS	60 - 115%
(d12-Chrysene)	0	0	0	64.28	64.28	73.58	87	PASS	44.78	44.78	50.45	89	PASS	60 - 130%
(d12-Perylene)	0	0	0	65.23	65.23	73.58	89	PASS	46.32	46.32	50.45	92	PASS	55 - 135%
(d8-Naphthalene)	0	0	0	52.5	52.5	73.58	71	PASS	35.52	35.52	50.45	70	PASS	25 - 105%
1-Methylnaphthalene	6.6	32.8	19.69	51.62	31.93	58.86	54	PASS	43.33	23.64	40.36	59	PASS	40 - 120%
1-Methylphenanthrene	15.9	17.2	16.54	60.74	44.2	58.86	75	PASS	63.65	47.11	40.36	117	PASS	40 - 160%
2,3,5-Trimethylnaphthalene	4.6	7.6	6.09	54.76	48.67	58.86	83	PASS	33	26.91	40.36	67	PASS	45 - 120%
2,6-Dimethylnaphthalene	8.6	33.1	20.84	59.29	38.45	58.86	65	PASS	52.19	31.35	40.36	78	PASS	40 - 130%
2-Methylnaphthalene	10.3	14.6	12.45	56.82	44.37	58.86	75	PASS	49	36.55	40.36	91	PASS	35 - 125%
Acenaphthene	4.6	134.3	69.45	52.36	-17.09	58.86	-29	FAIL Q1,Q2	108.42	38.97	40.36	97	PASS	40 - 125%
Acenaphthylene	5.6	6	5.8	52.44	46.64	58.86	79	PASS	37.6	31.8	40.36	79	PASS	40 - 130%
Anthracene	14.9	44.1	29.5	72.95	43.45	58.86	74	PASS	334.56	305.06	40.36	756	FAIL Q1,Q2	45 - 150%
Benz[a]anthracene	20.6	109.7	65.15	128.94	63.79	58.86	108	PASS	472.47	407.32	40.36	1009	FAIL Q1,Q2	50- 175%
Benzo[a]pyrene	30.7	129.2	79.94	152.05	72.11	58.86	123	PASS	517.45	437.51	40.36	1084	FAIL Q1,Q2	50 - 160%
Benzo[b]fluoranthene	33.8	117.1	75.44	152.92	77.48	58.86	132	PASS	440.14	364.7	40.36	904	FAIL Q1,Q2	45 - 160%
Benzo[e]pyrene	74.8	125.9	100.35	160.83	60.48	58.86	103	PASS	407.24	306.89	40.36	760	FAIL Q1,Q2	40 - 160%
Benzo[g,h,i]perylene	37.7	105.6	71.65	126.4	54.75	58.86	93	PASS	290.3	218.65	40.36	542	FAIL Q1,Q2	30 - 170%
Benzo[k]fluoranthene	30	104.5	67.25	145.69	78.44	58.86	133	PASS	420.5	353.25	40.36	875	FAIL Q1,Q2	50 - 150%
Biphenyl	7.4	8.9	8.14	54.65	46.51	58.86	79	PASS	45.26	37.12	40.36	92	PASS	45 - 120%
Chrysene	72.5	166.2	119.34	198.27	78.93	58.86	134	PASS	582.19	462.85	40.36	1147	FAIL Q1,Q2	40 - 160%
Dibenz[a,h]anthracene	7.7	22.5	15.1	62.45	47.35	58.86	80	PASS	110.17	95.07	40.36	236	FAIL Q1,Q2	40 - 165%

Sample ID: **46266-MS1/MS2** **S5**

Date Sampled: **10/26/2006**

Parameter	<u>Non-Spiked Sample Concentration</u>			<u>Matrix Spike Results</u>					<u>Matrix Spike Duplicate Results</u>					Acceptance Range
	Rep-1	Rep-2	Mean	Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	
Dibenzothiophene	7.3	20.8	14.04	55.06	41.02	58.86	70	PASS	82.08	68.04	40.36	169	FAIL Q1,Q2	65 - 125%
Fluoranthene	78	331.9	204.94	280.27	75.33	58.86	128	PASS	1260.41	1055.47	40.36	2615	FAIL Q1,Q2	45 - 165%
Fluorene	12.8	108.9	60.85	62.21	1.36	58.86	2	FAIL Q1,Q2	158.29	97.44	40.36	241	FAIL Q1,Q2	55 - 150%
Indeno[1,2,3-c,d]pyrene	15.8	82.6	49.2	115.66	66.46	58.86	113	PASS	300.4	251.2	40.36	622	FAIL Q1,Q2	40 - 170%
Naphthalene	12.8	32.2	22.5	59.47	36.97	58.86	63	PASS	43.28	20.78	40.36	51	PASS	30 - 120%
Perylene	102.9	142.1	122.5	102.92	-19.58	58.86	-33	FAIL Q2	209.85	87.35	40.36	216	FAIL Q2	30 - 175%
Phenanthrene	77.3	236.9	157.1	169.86	12.76	58.86	22	FAIL Q2	1053.38	896.28	40.36	2221	FAIL Q2	35 - 160%
Pyrene	61.4	219.7	140.55	212.91	72.36	58.86	123	PASS Q2	747.2	606.65	40.36	1503	FAIL Q2	50 - 150%

Sample ID:		49820-BS1/BS2		QAQC		Procedural Blank					Date Sampled:				
Parameter	Non-Spiked Sample			Matrix Spike Results					Matrix Spike Duplicate Results					Acceptance Range	
	Concentration			Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment	Gross Conc.	Net Conc.	Spike Conc.	Percent Recovery	Comment		
	Rep-1	Rep-2	Mean												
Trace Metals				Batch ID: 26173c-15066											
Aluminum (Al)	0	0	0	1.85	1.85	2	93	PASS	1.88	1.88	2	94	PASS	10 - 180%	
Antimony (Sb)	0	0	0	0.2	0.2	0.2	102	PASS	0.2	0.2	0.2	102	PASS	70 - 130%	
Arsenic (As)	0	0	0	1.99	1.99	2	100	PASS	1.99	1.99	2	100	PASS	70 - 130%	
Barium (Ba)	0	0	0	2.35	2.35	2	118	PASS	2.39	2.39	2	120	PASS	70 - 140%	
Beryllium (Be)	0	0	0	1.76	1.76	2	88	PASS	1.76	1.76	2	88	PASS	50 - 120%	
Cadmium (Cd)	0	0	0	0.2	0.2	0.2	102	PASS	0.2	0.2	0.2	103	PASS	70 - 130%	
Chromium (Cr)	0	0	0	1.79	1.79	2	90	PASS	1.79	1.79	2	90	PASS	55 - 135%	
Cobalt (Co)	0	0	0	1.82	1.82	2	91	PASS	1.83	1.83	2	92	PASS	65 - 125%	
Copper (Cu)	0	0	0	1.87	1.87	2	94	PASS	1.87	1.87	2	94	PASS	65 - 125%	
Iron (Fe)	0	0	0	2.05	2.05	2	103	PASS	2.1	2.1	2	105	PASS	50 - 140%	
Lead (Pb)	0	0	0	2.02	2.02	2	102	PASS	2.06	2.06	2	103	PASS	55 - 120%	
Manganese (Mn)	0	0	0	1.88	1.88	2	94	PASS	1.89	1.89	2	95	PASS	50 - 140%	
Mercury (Hg)	0	0	0	1.03	1.03	1	104	PASS	1.13	1.13	1	114	PASS	65 - 140%	
Molybdenum (Mo)	0	0	0	1.97	1.97	2	99	PASS	1.97	1.97	2	98	PASS	70 - 160%	
Nickel (Ni)	0	0	0	1.81	1.81	2	91	PASS	1.82	1.82	2	91	PASS	70 - 130%	
Selenium (Se)	0	0	0	1.9	1.9	2	95	PASS	1.91	1.91	2	96	PASS	60 - 125%	
Silver (Ag)	0	0	0	0.19	0.19	0.2	97	PASS	0.2	0.2	0.2	100	PASS	50 - 120%	
Strontium (Sr)	0	0	0	2.05	2.05	2	103	PASS	2.04	2.04	2	102	PASS	50 - 160%	
Thallium (Tl)	0	0	0	1.85	1.85	2	92	PASS	1.86	1.86	2	93	PASS	65 - 125%	
Tin (Sn)	0	0	0	2.05	2.05	2	103	PASS	2.09	2.09	2	105	PASS	70 - 150%	

<i>Sample ID:</i>	49820-BS1/BS2			QAQC					Procedural Blank					<i>Date Sampled:</i>	
<i>Parameter</i>	<u><i>Non-Spiked Sample Concentration</i></u>			<u><i>Matrix Spike Results</i></u>					<u><i>Matrix Spike Duplicate Results</i></u>					<i>Acceptance Range</i>	
	<i>Rep-1</i>	<i>Rep-2</i>	<i>Mean</i>	<i>Gross Conc.</i>	<i>Net Conc.</i>	<i>Spike Conc.</i>	<i>Percent Recovery</i>	<i>Comment</i>	<i>Gross Conc.</i>	<i>Net Conc.</i>	<i>Spike Conc.</i>	<i>Percent Recovery</i>	<i>Comment</i>		
Titanium (Ti)	0	0	0	1.76	1.76	2	88	PASS	1.77	1.77	2	89	PASS	50 - 150%	
Vanadium (V)	0	0	0	1.8	1.8	2	90	PASS	1.81	1.81	2	91	PASS	50 - 160%	
Zinc (Zn)	0	0	0	2	2	2	100	PASS	1.98	1.98	2	99	PASS	60 - 120%	

CRG Marine Laboratories, Inc.

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General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46255

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: BS1

Description: Compton Creek Watershed

Date Received:

Batch ID: 26173c-102706

Matrix: DI Water

Date Processed: 27-Oct-06

Date Analyzed: 27-Oct-06

CONSTITUENT	FRACTION	METHOD	% RECOVERY	TRUE VALUE	ACCEPTANCE RANGE	COMMENT
Ammonia-N	NA	SM 4500-NH3 F	100	0.25 mg/L	70 - 130%	PASS
Nitrate-N	NA	EPA 300.0	88	0.5 mg/L	70 - 130%	PASS
Nitrite-N	NA	EPA 300.0	80	0.5 mg/L	70 - 130%	PASS

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261

46255 BS1

CRG Marine Laboratories, Inc.

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General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46255

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: BS2

Description: Compton Creek Watershed

Date Received:

Batch ID: 26173c-102706

Matrix: DI Water

Date Processed: 27-Oct-06

Date Analyzed: 27-Oct-06

CONSTITUENT	FRACTION	METHOD	% RECOVERY	TRUE VALUE	ACCEPTANCE RANGE	COMMENT
Ammonia-N	NA	SM 4500-NH3 F	108	0.25 mg/L	70 - 130%	PASS
Nitrate-N	NA	EPA 300.0	86	0.5 mg/L	70 - 130%	PASS
Nitrite-N	NA	EPA 300.0	80	0.5 mg/L	70 - 130%	PASS

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261

46255

BS2

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General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46256

Sample W1

Date Sampled: 26-Oct-06 9:40

Replicate #: MS1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

Batch ID: 26173c-102706

Matrix: Freshwater

Date Processed: 27-Oct-06

Date Analyzed: 27-Oct-06

CONSTITUENT	FRACTION	METHOD	% RECOVERY	TRUE VALUE	ACCEPTANCE RANGE	COMMENT
Nitrate-N	NA	EPA 300.0	102	0.5 mg/L	70 - 130%	PASS
Nitrite-N	NA	EPA 300.0	99	0.5 mg/L	70 - 130%	PASS

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261

46256 MS1

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General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46261

Sample W6

Date Sampled: 26-Oct-06 1:40

Replicate #: MS1

Description: Compton Creek Watershed

Date Received: 26-Oct-06

Batch ID: 26173c-102706

Matrix: Freshwater

Date Processed: 27-Oct-06

Date Analyzed: 27-Oct-06

CONSTITUENT	FRACTION	METHOD	% RECOVERY	TRUE VALUE	ACCEPTANCE RANGE	COMMENT
Ammonia-N	NA	SM 4500-NH3 F	96	0.25 mg/L	70 - 130%	PASS

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261

46261 MS1

CRG Marine Laboratories, Inc.

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General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46256

Sample W1

Date Sampled: 26-Oct-06 9:40

Replicate #: MS2

Description: Compton Creek Watershed

Date Received: 26-Oct-06

Batch ID: 26173c-102706

Matrix: Freshwater

Date Processed: 27-Oct-06

Date Analyzed: 27-Oct-06

CONSTITUENT	FRACTION	METHOD	% RECOVERY	TRUE VALUE	ACCEPTANCE RANGE	COMMENT
Nitrate-N	NA	EPA 300.0	102	0.5 mg/L	70 - 130%	PASS
Nitrite-N	NA	EPA 300.0	104	0.5 mg/L	70 - 130%	PASS

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261

46256 MS2

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General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46261

Sample W6

Date Sampled: 26-Oct-06 1:40

Replicate #: MS2

Description: Compton Creek Watershed

Date Received: 26-Oct-06

Batch ID: 26173c-102706

Matrix: Freshwater

Date Processed: 27-Oct-06

Date Analyzed: 27-Oct-06

CONSTITUENT	FRACTION	METHOD	% RECOVERY	TRUE VALUE	ACCEPTANCE RANGE	COMMENT
Ammonia-N	NA	SM 4500-NH3 F	92	0.25 mg/L	70 - 130%	PASS

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261

46261 MS2

PRECISION DATA

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Aroclor PCBs

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: **46266**

Sample S5

Date Sampled: 26-Oct-06 1:00

Description: Compton Creek Watershed

Date Received: 26-Oct-06

Batch ID: 26173c-21153

Matrix: Sediment

Date Processed: 09-Dec-06

Date Analyzed: 14-Dec-06

CONSTITUENT	FRACTION	METHOD	R1 ng/dry g	R2 ng/dry g	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER R1 R2
Aroclor 1254	NA	EPA 8270Cm	10	13.1	27	0 - 30%	PASS	

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261
46266

CRG Marine Laboratories, Inc.

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Chlorinated Pesticides

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266
Sample Description: S5
 Compton Creek Watershed
Batch ID: 26173c-21153
Matrix: Sediment

Date Sampled: 26-Oct-06 1:00
Date Received: 26-Oct-06
Date Processed: 09-Dec-06
Date Analyzed: 14-Dec-06

CONSTITUENT	FRACTION	METHOD	MS1 ng	MS2 ng	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER MS1 MS2
(PCB030)	NA	EPA 8270Cm	779.42	776.6	0	0 - 30%	PASS	
(PCB112)	NA	EPA 8270Cm	750.09	706.22	6	0 - 30%	PASS	
(PCB198)	NA	EPA 8270Cm	838.94	800.99	5	0 - 30%	PASS	
(TCMX)	NA	EPA 8270Cm	777.85	786.54	1	0 - 30%	PASS	
2,4'-DDD	NA	EPA 8270Cm	512.03	440.64	15	0 - 30%	PASS	
2,4'-DDE	NA	EPA 8270Cm	394.55	403.08	2	0 - 30%	PASS	
2,4'-DDT	NA	EPA 8270Cm	266.6	263.23	1	0 - 30%	PASS	
4,4'-DDD	NA	EPA 8270Cm	467.15	460.82	1	0 - 30%	PASS	
4,4'-DDE	NA	EPA 8270Cm	392.59	354.86	10	0 - 30%	PASS	
4,4'-DDT	NA	EPA 8270Cm	214.17	277.34	26	0 - 30%	PASS	
Aldrin	NA	EPA 8270Cm	173.43	155.88	11	0 - 30%	PASS	M1 M1
BHC-alpha	NA	EPA 8270Cm	339.99	388.45	13	0 - 30%	PASS	
BHC-beta	NA	EPA 8270Cm	318.32	335	5	0 - 30%	PASS	
BHC-delta	NA	EPA 8270Cm	355.55	311.57	13	0 - 30%	PASS	
BHC-gamma	NA	EPA 8270Cm	338.11	341.66	1	0 - 30%	PASS	
Chlordane-alpha	NA	EPA 8270Cm	347.85	349.45	0	0 - 30%	PASS	
Chlordane-gamma	NA	EPA 8270Cm	342.04	364.33	6	0 - 30%	PASS	
cis-Nonachlor	NA	EPA 8270Cm	309.69	319.85	3	0 - 30%	PASS	
DCPA (Dacthal)	NA	EPA 8270Cm	311.87	304.92	2	0 - 30%	PASS	
Dicofol	NA	EPA 8270Cm	399.9	399.92	0	0 - 30%	PASS	
Dieldrin	NA	EPA 8270Cm	230.02	286.28	22	0 - 30%	PASS	
Endosulfan Sulfate	NA	EPA 8270Cm	280.71	362.11	25	0 - 30%	PASS	
Heptachlor	NA	EPA 8270Cm	307.12	287.06	7	0 - 30%	PASS	
Heptachlor Epoxide	NA	EPA 8270Cm	335.15	308.36	8	0 - 30%	PASS	
Methoxychlor	NA	EPA 8270Cm	429.02	382.89	11	0 - 30%	PASS	

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261
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Chlorinated Pesticides

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: **46266**

Sample S5
Description: Compton Creek Watershed

Date Sampled: 26-Oct-06 1:00

Batch ID: 26173c-21153

Matrix: Sediment

Date Received: 26-Oct-06

Date Processed: 09-Dec-06

Date Analyzed: 14-Dec-06

CONSTITUENT	FRACTION	METHOD	MS1 ng	MS2 ng	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER MS1 MS2
Mirex	NA	EPA 8270Cm	277.88	271.06	2	0 - 30%	PASS	
Oxychlorane	NA	EPA 8270Cm	327.32	323.57	1	0 - 30%	PASS	
Perthane	NA	EPA 8270Cm	422.21	411.42	3	0 - 30%	PASS	
trans-Nonachlor	NA	EPA 8270Cm	334.96	359.2	7	0 - 30%	PASS	

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

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Chlorinated Pesticides

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266
Sample Description: S5
Compton Creek Watershed
Batch ID: 26173c-21153
Matrix: Sediment

Date Sampled: 26-Oct-06 1:00
Date Received: 26-Oct-06
Date Processed: 09-Dec-06
Date Analyzed: 14-Dec-06

CONSTITUENT	FRACTION	METHOD	R1	R2	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER	
			% Recovery	% Recovery				R1	R2
(PCB030)	NA	EPA 8270Cm	82	77	6	0 - 30%	PASS		
(PCB112)	NA	EPA 8270Cm	84	75	11	0 - 30%	PASS		
(PCB198)	NA	EPA 8270Cm	76	97	24	0 - 30%	PASS		
(TCMX)	NA	EPA 8270Cm	83	76	9	0 - 30%	PASS		
Chlordane-alpha	NA	EPA 8270Cm	2.4	1.5	46	0 - 30%	FAIL	NA	NA
Chlordane-gamma	NA	EPA 8270Cm	2.9	1.9	42	0 - 30%	FAIL	NA	NA
Total Chlordane	NA	EPA 8270Cm	7.3	7.1	3	0 - 30%	PASS		
trans-Nonachlor	NA	EPA 8270Cm	2	1.7	16	0 - 30%	PASS		

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

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General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: **46255**

Sample QAQC Procedural Blank

Date Sampled:

Description: Compton Creek Watershed

Date Received:

Batch ID: 26173c-102706

Matrix: DI Water

Date Processed: 27-Oct-06

Date Analyzed: 27-Oct-06

CONSTITUENT	FRACTION	METHOD	BS1	BS2	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER	
			% Recovery	% Recovery				BS1	BS2
Ammonia-N	NA	SM 4500-NH3 F	100	108	8	0 - 30%	PASS		
Nitrate-N	NA	EPA 300.0	88	86	2	0 - 30%	PASS		
Nitrite-N	NA	EPA 300.0	80	80	0	0 - 30%	PASS		

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

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General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: **46256**

Sample Description: W1
Compton Creek Watershed

Date Sampled: 26-Oct-06 9:40

Batch ID: 26173c-102706

Matrix: Freshwater

Date Received: 26-Oct-06

Date Processed: 27-Oct-06

Date Analyzed: 27-Oct-06

CONSTITUENT	FRACTION	METHOD	MS1	MS2	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER	
			% Recovery	% Recovery				MS1	MS2
Nitrate-N	NA	EPA 300.0	102	102	0	0 - 30%	PASS		
Nitrite-N	NA	EPA 300.0	99	104	5	0 - 30%	PASS		

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

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General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: **46261**

Sample W6

Date Sampled: 26-Oct-06 1:40

Description: Compton Creek Watershed

Date Received: 26-Oct-06

Batch ID: 26173c-102706

Matrix: Freshwater

Date Processed: 27-Oct-06

Date Analyzed: 27-Oct-06

CONSTITUENT	FRACTION	METHOD	MS1	MS2	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER	
			% Recovery	% Recovery				MS1	MS2
Ammonia-N	NA	SM 4500-NH3 F	96	92	4	0 - 30%	PASS		

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

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General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: **46256**

Sample W1
Description: Compton Creek Watershed

Date Sampled: 26-Oct-06 9:40

Batch ID: 26173c-15059

Matrix: Freshwater

Date Received: 26-Oct-06

Date Processed: 30-Nov-06

Date Analyzed: 03-Dec-06

CONSTITUENT	FRACTION	METHOD	R1 mg/L	R2 mg/L	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER R1 R2
Total Hardness as CaCO3	NA	SM 2340 B	169	165	2	0 - 30%	PASS	

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

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General Chemistry

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: **46261**

Sample W6
Description: Compton Creek Watershed

Date Sampled: 26-Oct-06 1:40

Batch ID: 26173c-102706

Matrix: Freshwater

Date Received: 26-Oct-06

Date Processed: 27-Oct-06

Date Analyzed: 27-Oct-06

CONSTITUENT	FRACTION	METHOD	R1 mg/L	R2 mg/L	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER R1 R2
Ammonia-N	NA	SM 4500-NH3 F	1	0.9	11	0 - 30%	PASS	
pH	NA	EPA 150.1	9.9	7.6	26	0 - 30%	PASS	

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

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PCB Congeners

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266

Sample Description: S5
Compton Creek Watershed

Date Sampled: 26-Oct-06 1:00

Date Received: 26-Oct-06

Batch ID: 26173c-21153

Matrix: Sediment

Date Processed: 09-Dec-06

Date Analyzed: 14-Dec-06

CONSTITUENT	FRACTION	METHOD	MS1	MS2	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER	
			ng	ng				MS1	MS2
PCB018	NA	EPA 8270Cm	252.9	258.2	2	0 - 30%	PASS		
PCB028	NA	EPA 8270Cm	257.4	276.4	7	0 - 30%	PASS		
PCB031	NA	EPA 8270Cm	237.6	253.5	6	0 - 30%	PASS		
PCB033	NA	EPA 8270Cm	244.3	285.3	15	0 - 30%	PASS		
PCB037	NA	EPA 8270Cm	276.5	299.9	8	0 - 30%	PASS		
PCB044	NA	EPA 8270Cm	218.9	266	19	0 - 30%	PASS		
PCB049	NA	EPA 8270Cm	285.6	256.6	11	0 - 30%	PASS		
PCB052	NA	EPA 8270Cm	242.4	254.9	5	0 - 30%	PASS		
PCB066	NA	EPA 8270Cm	245.3	251.3	2	0 - 30%	PASS		
PCB070	NA	EPA 8270Cm	247.7	234.3	6	0 - 30%	PASS		
PCB074	NA	EPA 8270Cm	232.1	217.9	6	0 - 30%	PASS		
PCB077	NA	EPA 8270Cm	205.2	210	2	0 - 30%	PASS		
PCB081	NA	EPA 8270Cm	216.2	256.3	17	0 - 30%	PASS		
PCB087	NA	EPA 8270Cm	298.5	246.2	19	0 - 30%	PASS		
PCB095	NA	EPA 8270Cm	328.1	269.6	20	0 - 30%	PASS		
PCB097	NA	EPA 8270Cm	324.3	239.7	30	0 - 30%	PASS		
PCB099	NA	EPA 8270Cm	313.8	248.6	23	0 - 30%	PASS		
PCB101	NA	EPA 8270Cm	353.4	272.8	26	0 - 30%	PASS		
PCB105	NA	EPA 8270Cm	349.5	319.5	9	0 - 30%	PASS		
PCB110	NA	EPA 8270Cm	390.9	370.7	5	0 - 30%	PASS		
PCB114	NA	EPA 8270Cm	229	238.8	4	0 - 30%	PASS		
PCB118	NA	EPA 8270Cm	241.9	224	8	0 - 30%	PASS		
PCB119	NA	EPA 8270Cm	237.7	248	4	0 - 30%	PASS		
PCB123	NA	EPA 8270Cm	240.9	229.3	5	0 - 30%	PASS		
PCB126	NA	EPA 8270Cm	205.6	209.3	2	0 - 30%	PASS		

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

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PCB Congeners

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266

Sample Description: S5
Compton Creek Watershed

Date Sampled: 26-Oct-06 1:00

Date Received: 26-Oct-06

Batch ID: 26173c-21153

Matrix: Sediment

Date Processed: 09-Dec-06

Date Analyzed: 14-Dec-06

CONSTITUENT	FRACTION	METHOD	MS1	MS2	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER	
			ng	ng				MS1	MS2
PCB128+167	NA	EPA 8270Cm	551.6	478.1	14	0 - 30%	PASS		
PCB138	NA	EPA 8270Cm	271.5	223.6	19	0 - 30%	PASS		
PCB141	NA	EPA 8270Cm	254.2	223.2	13	0 - 30%	PASS		
PCB149	NA	EPA 8270Cm	345.2	280.3	21	0 - 30%	PASS		
PCB151	NA	EPA 8270Cm	282.4	271.1	4	0 - 30%	PASS		
PCB153	NA	EPA 8270Cm	399.8	349.3	13	0 - 30%	PASS		
PCB156	NA	EPA 8270Cm	307.8	308	0	0 - 30%	PASS		
PCB157	NA	EPA 8270Cm	222	223.1	0	0 - 30%	PASS		
PCB158	NA	EPA 8270Cm	276.3	203.4	30	0 - 30%	PASS		
PCB168+132	NA	EPA 8270Cm	538.3	468.5	14	0 - 30%	PASS		
PCB169	NA	EPA 8270Cm	207.2	263.9	24	0 - 30%	PASS		
PCB170	NA	EPA 8270Cm	263.4	239.3	10	0 - 30%	PASS		
PCB177	NA	EPA 8270Cm	305.2	314	3	0 - 30%	PASS		
PCB180	NA	EPA 8270Cm	346.5	287.7	19	0 - 30%	PASS		
PCB183	NA	EPA 8270Cm	317.8	285.9	11	0 - 30%	PASS		
PCB187	NA	EPA 8270Cm	308.9	291.2	6	0 - 30%	PASS		
PCB189	NA	EPA 8270Cm	227.1	236	4	0 - 30%	PASS		
PCB194	NA	EPA 8270Cm	336.2	328	2	0 - 30%	PASS		
PCB200	NA	EPA 8270Cm	265.3	284	7	0 - 30%	PASS		
PCB201	NA	EPA 8270Cm	309	346.1	11	0 - 30%	PASS		
PCB206	NA	EPA 8270Cm	292.1	341.7	16	0 - 30%	PASS		

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

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PCB Congeners

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: **46266**

Sample S5
Description: Compton Creek Watershed

Date Sampled: 26-Oct-06 1:00

Batch ID: 26173c-21153

Matrix: Sediment

Date Received: 26-Oct-06

Date Processed: 09-Dec-06

Date Analyzed: 14-Dec-06

CONSTITUENT	FRACTION	METHOD	R1	R2	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER	
			ng/dry g	ng/dry g				R1	R2
PCB110	NA	EPA 8270Cm	1.2	1.6	29	0 - 30%	PASS		
PCB123	NA	EPA 8270Cm	1.3	1.5	14	0 - 30%	PASS		
PCB153	NA	EPA 8270Cm	1.2	3.1	88	0 - 30%	FAIL	NA	NA

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

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Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266
Sample Description: S5
 Compton Creek Watershed
Batch ID: 26173c-21153
Matrix: Sediment

Date Sampled: 26-Oct-06 1:00
Date Received: 26-Oct-06
Date Processed: 09-Dec-06
Date Analyzed: 14-Dec-06

CONSTITUENT	FRACTION	METHOD	MS1 ng	MS2 ng	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER MS1 MS2
(d10-Acenaphthene)	NA	EPA 8270Cm	793.3	768.1	3	0 - 30%	PASS	
(d10-Phenanthrene)	NA	EPA 8270Cm	820.8	777	5	0 - 30%	PASS	
(d12-Chrysene)	NA	EPA 8270Cm	873.6	887.6	2	0 - 30%	PASS	
(d12-Perylene)	NA	EPA 8270Cm	886.5	918.2	4	0 - 30%	PASS	
(d8-Naphthalene)	NA	EPA 8270Cm	713.5	704.2	1	0 - 30%	PASS	
1-Methylnaphthalene	NA	EPA 8270Cm	701.6	858.9	20	0 - 30%	PASS	
1-Methylphenanthrene	NA	EPA 8270Cm	825.5	1261.7	42	0 - 30%	FAIL	Q2 Q2
2,3,5-Trimethylnaphthalene	NA	EPA 8270Cm	744.2	654.2	13	0 - 30%	PASS	
2,6-Dimethylnaphthalene	NA	EPA 8270Cm	805.8	1034.6	25	0 - 30%	PASS	
2-Methylnaphthalene	NA	EPA 8270Cm	772.2	971.3	23	0 - 30%	PASS	
Acenaphthene	NA	EPA 8270Cm	711.6	2148.9	100	0 - 30%	FAIL	Q1,Q2
Acenaphthylene	NA	EPA 8270Cm	712.7	745.4	4	0 - 30%	PASS	
Anthracene	NA	EPA 8270Cm	991.5	6631.1	148	0 - 30%	FAIL	Q1,Q2
Benz[a]anthracene	NA	EPA 8270Cm	1752.4	9364.5	137	0 - 30%	FAIL	Q1,Q2
Benzo[a]pyrene	NA	EPA 8270Cm	2066.4	10256	133	0 - 30%	FAIL	Q1,Q2
Benzo[b]fluoranthene	NA	EPA 8270Cm	2078.3	8723.6	123	0 - 30%	FAIL	Q1,Q2
Benzo[e]pyrene	NA	EPA 8270Cm	2185.7	8071.5	115	0 - 30%	FAIL	Q1,Q2
Benzo[g,h,i]perylene	NA	EPA 8270Cm	1717.9	5753.8	108	0 - 30%	FAIL	Q1,Q2
Benzo[k]fluoranthene	NA	EPA 8270Cm	1980	8334.4	123	0 - 30%	FAIL	Q1,Q2
Biphenyl	NA	EPA 8270Cm	742.7	897.2	19	0 - 30%	PASS	
Chrysene	NA	EPA 8270Cm	2694.5	11539.2	124	0 - 30%	FAIL	Q1,Q2
Dibenz[a,h]anthracene	NA	EPA 8270Cm	848.8	2183.6	88	0 - 30%	FAIL	Q1,Q2
Dibenzothiophene	NA	EPA 8270Cm	748.4	1626.9	74	0 - 30%	FAIL	Q1,Q2
Fluoranthene	NA	EPA 8270Cm	3809	24981.4	147	0 - 30%	FAIL	Q1,Q2
Fluorene	NA	EPA 8270Cm	845.5	3137.5	115	0 - 30%	FAIL	Q1,Q2 Q1,Q2

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

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Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: **46266**

Sample S5
Description: Compton Creek Watershed

Date Sampled: 26-Oct-06 1:00

Batch ID: 26173c-21153

Matrix: Sediment

Date Received: 26-Oct-06

Date Processed: 09-Dec-06

Date Analyzed: 14-Dec-06

CONSTITUENT	FRACTION	METHOD	MS1 ng	MS2 ng	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER MS1 MS2
Indeno[1,2,3-c,d]pyrene	NA	EPA 8270Cm	1571.9	5954.1	116	0 - 30%	FAIL	Q1,Q2
Naphthalene	NA	EPA 8270Cm	808.2	857.9	6	0 - 30%	PASS	
Perylene	NA	EPA 8270Cm	1398.8	4159.3	99	0 - 30%	FAIL	Q2 Q2
Phenanthrene	NA	EPA 8270Cm	2308.5	20878.1	160	0 - 30%	FAIL	Q2 Q2
Pyrene	NA	EPA 8270Cm	2893.5	14809.6	135	0 - 30%	FAIL	Q2 Q2

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

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Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46266
Sample Description: S5
 Compton Creek Watershed
Batch ID: 26173c-21153
Matrix: Sediment

Date Sampled: 26-Oct-06 1:00
Date Received: 26-Oct-06
Date Processed: 09-Dec-06
Date Analyzed: 14-Dec-06

CONSTITUENT	FRACTION	METHOD	R1	R2	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER	
			% Recovery	% Recovery				R1	R2
(d10-Acenaphthene)	NA	EPA 8270Cm	81	79	3	0 - 30%	PASS		
(d10-Phenanthrene)	NA	EPA 8270Cm	87	84	4	0 - 30%	PASS		
(d12-Chrysene)	NA	EPA 8270Cm	95	97	2	0 - 30%	PASS		
(d12-Perylene)	NA	EPA 8270Cm	100	96	4	0 - 30%	PASS		
(d8-Naphthalene)	NA	EPA 8270Cm	70	70	0	0 - 30%	PASS		
1-Methylnaphthalene	NA	EPA 8270Cm	6.6	32.8	133	0 - 30%	FAIL	NA	
1-Methylphenanthrene	NA	EPA 8270Cm	15.9	17.2	8	0 - 30%	PASS		
2,3,5-Trimethylnaphthalene	NA	EPA 8270Cm	4.6	7.6	49	0 - 30%	FAIL	NA	NA
2,6-Dimethylnaphthalene	NA	EPA 8270Cm	8.6	33.1	118	0 - 30%	FAIL	NA	
2-Methylnaphthalene	NA	EPA 8270Cm	10.3	14.6	35	0 - 30%	FAIL	Q2	Q2
Acenaphthene	NA	EPA 8270Cm	4.6	134.3	187	0 - 30%	FAIL	NA	
Acenaphthylene	NA	EPA 8270Cm	5.6	6	7	0 - 30%	PASS		
Anthracene	NA	EPA 8270Cm	14.9	44.1	99	0 - 30%	FAIL	Q2	Q2
Benz[a]anthracene	NA	EPA 8270Cm	20.6	109.7	137	0 - 30%	FAIL	Q2	Q2
Benzo[a]pyrene	NA	EPA 8270Cm	30.7	129.2	123	0 - 30%	FAIL	Q2	Q2
Benzo[b]fluoranthene	NA	EPA 8270Cm	33.8	117.1	110	0 - 30%	FAIL	Q2	Q2
Benzo[e]pyrene	NA	EPA 8270Cm	74.8	125.9	51	0 - 30%	FAIL	Q2	Q2
Benzo[g,h,i]perylene	NA	EPA 8270Cm	37.7	105.6	95	0 - 30%	FAIL	Q2	Q2
Benzo[k]fluoranthene	NA	EPA 8270Cm	30	104.5	111	0 - 30%	FAIL	Q2	Q2
Biphenyl	NA	EPA 8270Cm	7.4	8.9	18	0 - 30%	PASS		
Chrysene	NA	EPA 8270Cm	72.5	166.2	79	0 - 30%	FAIL	Q2	Q2
Dibenz[a,h]anthracene	NA	EPA 8270Cm	7.7	22.5	98	0 - 30%	FAIL	NA	
Dibenzothiophene	NA	EPA 8270Cm	7.3	20.8	96	0 - 30%	FAIL	NA	
Fluoranthene	NA	EPA 8270Cm	78	331.9	124	0 - 30%	FAIL	Q2	Q2
Fluorene	NA	EPA 8270Cm	12.8	108.9	158	0 - 30%	FAIL	Q2	Q2

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261
46266

CRG Marine Laboratories, Inc.

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

Polynuclear Aromatic Hydrocarbons

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46266
Sample Description: S5
Compton Creek Watershed
Batch ID: 26173c-21153
Matrix: Sediment

Date Sampled: 26-Oct-06 1:00
Date Received: 26-Oct-06
Date Processed: 09-Dec-06
Date Analyzed: 14-Dec-06

CONSTITUENT	FRACTION	METHOD	R1	R2	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER	
			% Recovery	% Recovery				R1	R2
Indeno[1,2,3-c,d]pyrene	NA	EPA 8270Cm	15.8	82.6	136	0 - 30%	FAIL	Q2	Q2
Naphthalene	NA	EPA 8270Cm	12.8	32.2	86	0 - 30%	FAIL	Q2	Q2
Perylene	NA	EPA 8270Cm	102.9	142.1	32	0 - 30%	FAIL	Q2	Q2
Phenanthrene	NA	EPA 8270Cm	77.3	236.9	102	0 - 30%	FAIL	Q2	Q2
Pyrene	NA	EPA 8270Cm	61.4	219.7	113	0 - 30%	FAIL	Q2	Q2

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261
46266

CRG Marine Laboratories, Inc.

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Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 49820

Sample Description: QAQC Procedural Blank

Date Sampled:

Batch ID: 26173c-15066

Matrix: DI Water

Date Received:

Date Processed: 05-Dec-06

Date Analyzed: 12-Dec-06

CONSTITUENT	FRACTION	METHOD	BS1	BS2	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER	
			µg	µg				BS1	BS2
Aluminum (Al)	NA	EPA 6020m	1.857	1.884	1	0 - 30%	PASS		
Antimony (Sb)	NA	EPA 6020m	0.203	0.205	1	0 - 30%	PASS		
Arsenic (As)	NA	EPA 6020m	1.991	1.998	0	0 - 30%	PASS		
Barium (Ba)	NA	EPA 6020m	2.354	2.394	2	0 - 30%	PASS		
Beryllium (Be)	NA	EPA 6020m	1.766	1.767	0	0 - 30%	PASS		
Cadmium (Cd)	NA	EPA 6020m	0.205	0.206	0	0 - 30%	PASS		
Chromium (Cr)	NA	EPA 6020m	1.8	1.8	0	0 - 30%	PASS		
Cobalt (Co)	NA	EPA 6020m	1.827	1.837	1	0 - 30%	PASS		
Copper (Cu)	NA	EPA 6020m	1.874	1.88	0	0 - 30%	PASS		
Iron (Fe)	NA	EPA 6020m	2.058	2.104	2	0 - 30%	PASS		
Lead (Pb)	NA	EPA 6020m	2.03	2.062	2	0 - 30%	PASS		
Manganese (Mn)	NA	EPA 6020m	1.883	1.895	1	0 - 30%	PASS		
Mercury (Hg)	NA	EPA 245.7m	1.04	1.14	9	0 - 30%	PASS		
Molybdenum (Mo)	NA	EPA 6020m	1.977	1.97	0	0 - 30%	PASS		
Nickel (Ni)	NA	EPA 6020m	1.811	1.825	1	0 - 30%	PASS		
Selenium (Se)	NA	EPA 6020m	1.901	1.916	1	0 - 30%	PASS		
Silver (Ag)	NA	EPA 6020m	0.194	0.2	3	0 - 30%	PASS		
Strontium (Sr)	NA	EPA 6020m	2.06	2.05	0	0 - 30%	PASS		
Thallium (Tl)	NA	EPA 6020m	1.85	1.863	1	0 - 30%	PASS		
Tin (Sn)	NA	EPA 6020m	2.06	2.097	2	0 - 30%	PASS		
Titanium (Ti)	NA	EPA 6020m	1.765	1.776	1	0 - 30%	PASS		
Vanadium (V)	NA	EPA 6020m	1.802	1.811	0	0 - 30%	PASS		
Zinc (Zn)	NA	EPA 6020m	2.006	1.982	1	0 - 30%	PASS		

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261
49820

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 48874

Sample Description: QAQC CRM (RTC016-050) Lot# BE016

Date Sampled:

Batch ID: 26173c-15066

Matrix: Sediment

Date Received:

Date Processed: 05-Dec-06

Date Analyzed: 12-Dec-06

CONSTITUENT	FRACTION	METHOD	CRM1	CRM2	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER	
			µg/dry g	µg/dry g				CRM1	CRM2
Aluminum (Al)	NA	EPA 6020m	15467	14369	7	0 - 30%	PASS		
Arsenic (As)	NA	EPA 6020m	6.414	6.417	0	0 - 30%	PASS		
Barium (Ba)	NA	EPA 6020m	108.198	105.298	3	0 - 30%	PASS		
Beryllium (Be)	NA	EPA 6020m	0.477	0.473	1	0 - 30%	PASS		
Cadmium (Cd)	NA	EPA 6020m	0.294	0.281	5	0 - 30%	PASS		
Chromium (Cr)	NA	EPA 6020m	23.94	20.31	16	0 - 30%	PASS		
Cobalt (Co)	NA	EPA 6020m	6.499	6.39	2	0 - 30%	PASS		
Copper (Cu)	NA	EPA 6020m	15.14	15.16	0	0 - 30%	PASS		
Iron (Fe)	NA	EPA 6020m	19389	19069	2	0 - 30%	PASS		
Lead (Pb)	NA	EPA 6020m	14.858	14.568	2	0 - 30%	PASS		
Manganese (Mn)	NA	EPA 6020m	204.796	200.996	2	0 - 30%	PASS		
Mercury (Hg)	NA	EPA 245.7m	0.174	0.159	9	0 - 30%	PASS		
Nickel (Ni)	NA	EPA 6020m	18.05	17.48	3	0 - 30%	PASS		
Vanadium (V)	NA	EPA 6020m	40.67	38.16	6	0 - 30%	PASS		
Zinc (Zn)	NA	EPA 6020m	62.704	63.754	2	0 - 30%	PASS		

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261
48874

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46256
Sample Description: W1
Compton Creek Watershed
Batch ID: 26173c-15059
Matrix: Freshwater

Date Sampled: 26-Oct-06 9:40
Date Received: 26-Oct-06
Date Processed: 30-Nov-06
Date Analyzed: 03-Dec-06

CONSTITUENT	FRACTION	METHOD	MS1	MS2	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER	
			ng	ng				MS1	MS2
Aluminum (Al)	Dissolved	EPA 200.8m	89.5	88.5	1	0 - 30%	PASS		
Antimony (Sb)	Dissolved	EPA 200.8m	10.5	11.2	6	0 - 30%	PASS		
Arsenic (As)	Dissolved	EPA 200.8m	104.2	103.5	1	0 - 30%	PASS		
Barium (Ba)	Dissolved	EPA 200.8m	199.6	199.7	0	0 - 30%	PASS		
Beryllium (Be)	Dissolved	EPA 200.8m	73.9	73.1	1	0 - 30%	PASS		
Cadmium (Cd)	Dissolved	EPA 200.8m	11.5	11.6	1	0 - 30%	PASS		
Chromium (Cr)	Dissolved	EPA 200.8m	90.9	90.3	1	0 - 30%	PASS		
Cobalt (Co)	Dissolved	EPA 200.8m	91.5	91.9	0	0 - 30%	PASS		
Copper (Cu)	Dissolved	EPA 200.8m	98.2	98.3	0	0 - 30%	PASS		
Iron (Fe)	Dissolved	EPA 200.8m	185.1	188.6	2	0 - 30%	PASS		
Lead (Pb)	Dissolved	EPA 200.8m	82.15	84.48	3	0 - 30%	PASS		
Manganese (Mn)	Dissolved	EPA 200.8m	92	91.8	0	0 - 30%	PASS		
Mercury (Hg)	Dissolved	EPA 245.7m	0.92	0.922	0	0 - 30%	PASS		
Molybdenum (Mo)	Dissolved	EPA 200.8m	101.5	102.6	1	0 - 30%	PASS		
Nickel (Ni)	Dissolved	EPA 200.8m	92.8	92.5	0	0 - 30%	PASS		
Selenium (Se)	Dissolved	EPA 200.8m	102.6	103.6	1	0 - 30%	PASS		
Silver (Ag)	Dissolved	EPA 200.8m	11.3	11.4	1	0 - 30%	PASS		
Strontium (Sr)	Dissolved	EPA 200.8m	622.5	626.6	1	0 - 30%	PASS		
Thallium (Tl)	Dissolved	EPA 200.8m	80	80.8	1	0 - 30%	PASS		
Tin (Sn)	Dissolved	EPA 200.8m	87.3	87.8	1	0 - 30%	PASS		
Titanium (Ti)	Dissolved	EPA 200.8m	91.2	91.3	0	0 - 30%	PASS		
Vanadium (V)	Dissolved	EPA 200.8m	93.7	94.6	1	0 - 30%	PASS		
Zinc (Zn)	Dissolved	EPA 200.8m	111.6	112.9	1	0 - 30%	PASS		

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261
46256

CRG Marine Laboratories, Inc.

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

Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46256
Sample Description: W1
 Compton Creek Watershed
Batch ID: 26173c-15059
Matrix: Freshwater

Date Sampled: 26-Oct-06 9:40
Date Received: 26-Oct-06
Date Processed: 30-Nov-06
Date Analyzed: 03-Dec-06

CONSTITUENT	FRACTION	METHOD	R1 µg/L	R2 µg/L	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER R1 R2
Aluminum (Al)	Total	EPA 200.8m	233	237	2	0 - 30%	PASS	
Antimony (Sb)	Dissolved	EPA 200.8m	1.3	1.3	0	0 - 30%	PASS	
Antimony (Sb)	Total	EPA 200.8m	1.3	1.3	0	0 - 30%	PASS	
Arsenic (As)	Total	EPA 200.8m	1.8	1.8	0	0 - 30%	PASS	
Arsenic (As)	Dissolved	EPA 200.8m	1.6	1.7	6	0 - 30%	PASS	
Barium (Ba)	Dissolved	EPA 200.8m	89.7	89.1	1	0 - 30%	PASS	
Barium (Ba)	Total	EPA 200.8m	93	92.9	0	0 - 30%	PASS	
Cadmium (Cd)	Total	EPA 200.8m	0.3	0.3	0	0 - 30%	PASS	
Chromium (Cr)	Dissolved	EPA 200.8m	0.8	0.8	0	0 - 30%	PASS	
Chromium (Cr)	Total	EPA 200.8m	1.3	1.3	0	0 - 30%	PASS	
Cobalt (Co)	Dissolved	EPA 200.8m	0.2	0.2	0	0 - 30%	PASS	
Cobalt (Co)	Total	EPA 200.8m	0.4	0.4	0	0 - 30%	PASS	
Copper (Cu)	Dissolved	EPA 200.8m	5	4.8	4	0 - 30%	PASS	
Copper (Cu)	Total	EPA 200.8m	9.6	9.9	3	0 - 30%	PASS	
Iron (Fe)	Dissolved	EPA 200.8m	96	97	1	0 - 30%	PASS	
Iron (Fe)	Total	EPA 200.8m	524	523	0	0 - 30%	PASS	
Lead (Pb)	Total	EPA 200.8m	4.18	4.31	3	0 - 30%	PASS	
Lead (Pb)	Dissolved	EPA 200.8m	0.48	0.46	4	0 - 30%	PASS	
Manganese (Mn)	Dissolved	EPA 200.8m	0.9	0.9	0	0 - 30%	PASS	
Manganese (Mn)	Total	EPA 200.8m	25.9	26.1	1	0 - 30%	PASS	
Molybdenum (Mo)	Dissolved	EPA 200.8m	7.4	7.7	4	0 - 30%	PASS	
Molybdenum (Mo)	Total	EPA 200.8m	5.6	5.8	4	0 - 30%	PASS	
Nickel (Ni)	Total	EPA 200.8m	3.9	3.9	0	0 - 30%	PASS	
Nickel (Ni)	Dissolved	EPA 200.8m	3.1	3.2	3	0 - 30%	PASS	
Selenium (Se)	Dissolved	EPA 200.8m	2	1.8	11	0 - 30%	PASS	

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261
46256

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Trace Metals

Client: *Heal the Bay*

CRG Project ID: **26173c**

CRG ID#: 46256
Sample Description: W1
Compton Creek Watershed
Batch ID: 26173c-15059
Matrix: Freshwater

Date Sampled: 26-Oct-06 9:40
Date Received: 26-Oct-06
Date Processed: 30-Nov-06
Date Analyzed: 03-Dec-06

CONSTITUENT	FRACTION	METHOD	R1	R2	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER	
			µg/L	µg/L				R1	R2
Selenium (Se)	Total	EPA 200.8m	1.2	1.3	8	0 - 30%	PASS		
Strontium (Sr)	Total	EPA 200.8m	535.7	533.2	0	0 - 30%	PASS		
Strontium (Sr)	Dissolved	EPA 200.8m	534.4	534.6	0	0 - 30%	PASS		
Titanium (Ti)	Total	EPA 200.8m	6.5	6.5	0	0 - 30%	PASS		
Titanium (Ti)	Dissolved	EPA 200.8m	0.3	0.3	0	0 - 30%	PASS		
Vanadium (V)	Dissolved	EPA 200.8m	2.7	2.7	0	0 - 30%	PASS		
Vanadium (V)	Total	EPA 200.8m	3.5	3.5	0	0 - 30%	PASS		
Zinc (Zn)	Total	EPA 200.8m	47.3	48.1	2	0 - 30%	PASS		
Zinc (Zn)	Dissolved	EPA 200.8m	29.7	29.3	1	0 - 30%	PASS		

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261
46256

CRG Marine Laboratories, Inc.

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Trace Metals

Client: *Heal the Bay*

CRG Project ID: 26173c

CRG ID#: 46262
Sample Description: S1
Compton Creek Watershed
Batch ID: 26173c-15066
Matrix: Sediment

Date Sampled: 26-Oct-06 11:50
Date Received: 26-Oct-06
Date Processed: 05-Dec-06
Date Analyzed: 12-Dec-06

CONSTITUENT	FRACTION	METHOD	R1	R2	% RPD	ACCEPTANCE RANGE	COMMENT	QUALIFIER	
			µg/dry g	µg/dry g				R1	R2
Aluminum (Al)	NA	EPA 6020m	3463	3426	1	0 - 30%	PASS		
Antimony (Sb)	NA	EPA 6020m	0.441	0.494	11	0 - 30%	PASS		
Arsenic (As)	NA	EPA 6020m	1.154	1.055	9	0 - 30%	PASS		
Barium (Ba)	NA	EPA 6020m	49.978	45.718	9	0 - 30%	PASS		
Beryllium (Be)	NA	EPA 6020m	0.067	0.064	5	0 - 30%	PASS		
Cadmium (Cd)	NA	EPA 6020m	0.636	0.498	24	0 - 30%	PASS		
Chromium (Cr)	NA	EPA 6020m	4.75	6.05	24	0 - 30%	PASS		
Cobalt (Co)	NA	EPA 6020m	2.223	2.152	3	0 - 30%	PASS		
Copper (Cu)	NA	EPA 6020m	13.52	14.37	6	0 - 30%	PASS		
Iron (Fe)	NA	EPA 6020m	6983	6539	7	0 - 30%	PASS		
Lead (Pb)	NA	EPA 6020m	69.178	30.608	77	0 - 30%	FAIL	Q2	Q2
Manganese (Mn)	NA	EPA 6020m	87.886	126.996	36	0 - 30%	FAIL	Q2	Q2
Mercury (Hg)	NA	EPA 245.7m	0.046	0.064	33	0 - 30%	FAIL	NA	NA
Molybdenum (Mo)	NA	EPA 6020m	0.914	0.601	41	0 - 30%	FAIL	Q2	Q2
Nickel (Ni)	NA	EPA 6020m	6.353	6.297	1	0 - 30%	PASS		
Selenium (Se)	NA	EPA 6020m	0.168	0.133	23	0 - 30%	PASS		
Strontium (Sr)	NA	EPA 6020m	35.14	28.61	20	0 - 30%	PASS		
Thallium (Tl)	NA	EPA 6020m	0.157	0.089	55	0 - 30%	FAIL	NA	NA
Tin (Sn)	NA	EPA 6020m	0.734	0.866	16	0 - 30%	PASS		
Titanium (Ti)	NA	EPA 6020m	230.676	226.476	2	0 - 30%	PASS		
Vanadium (V)	NA	EPA 6020m	10.31	9.206	11	0 - 30%	PASS		
Zinc (Zn)	NA	EPA 6020m	152.474	530.774	111	0 - 30%	FAIL	Q2	Q2

MDL= Method Detection Limit (CFR 40 Part 136); RL= Reporting Limit; E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable.

California ELAP Certificate # 2261
46262

SUB-CONTRACT LAB REPORT



Applied Marine Sciences, Inc.

502 N. Hwy 3, Suite B, League City, TX 77573, (281) 554-7272 Fax (281) 554-6356

ANALYTICAL RESULTS

Client: CRG Marine Laboratories
Project Number: P26173c
Project Name: N/A
Client Sample ID: S1
AMS Sample ID: 25724

AMS Project Number: 2006-598-78
Date Sampled: 10/26/2006
Date Received: 11/3/2006

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Data Qualifier</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Analyzed</u>
Total Organic Carbon	0.48	%		0.01	0.03	EPA 9060A	Sediment	11/21/2006

Quality Assurance: These analyses were performed in accordance with EPA guidelines, the 2006 DoD Quality Systems Manual for Environmental Laboratories (Version 3) and the 2003 NELAC Standard, with the following exceptions:

- * TOC sample not analyzed in quadruplicate
- * TOC spike duplicate not analyzed every 10 samples

KS Davis, P.G.

AMS, Inc. Technical Director



Applied Marine Sciences, Inc.

502 N. Hwy 3, Suite B, League City, TX 77573, (281) 554-7272 Fax (281) 554-6356

ANALYTICAL RESULTS

Client: CRG Marine Laboratories
Project Number: P26173c
Project Name: N/A
Client Sample ID: S2
AMS Sample ID: 25725

AMS Project Number: 2006-598-78
Date Sampled: 10/26/2006
Date Received: 11/3/2006

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Data Qualifier</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Analyzed</u>
Total Organic Carbon	0.42	%		0.01	0.03	EPA 9060A	Sediment	11/21/2006

Quality Assurance: These analyses were performed in accordance with EPA guidelines, the 2006 DoD Quality Systems Manual for Environmental Laboratories (Version 3) and the 2003 NELAC Standard, with the following exceptions:

- * TOC sample not analyzed in quadruplicate
- * TOC spike duplicate not analyzed every 10 samples

KS Davis, P.G.

AMS, Inc. Technical Director



Applied Marine Sciences, Inc.

502 N. Hwy 3, Suite B, League City, TX 77573, (281) 554-7272 Fax (281) 554-6356

ANALYTICAL RESULTS

Client: CRG Marine Laboratories
Project Number: P26173c
Project Name: N/A
Client Sample ID: S3
AMS Sample ID: 25726

AMS Project Number: 2006-598-78
Date Sampled: 10/26/2006
Date Received: 11/3/2006

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Data Qualifier</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Analyzed</u>
Total Organic Carbon	3.69	%		0.01	0.03	EPA 9060A	Sediment	11/21/2006

Quality Assurance: These analyses were performed in accordance with EPA guidelines, the 2006 DoD Quality Systems Manual for Environmental Laboratories (Version 3) and the 2003 NELAC Standard, with the following exceptions:

- * TOC sample not analyzed in quadruplicate
- * TOC spike duplicate not analyzed every 10 samples

KS Davis, P.G.

AMS, Inc. Technical Director



Applied Marine Sciences, Inc.

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ANALYTICAL RESULTS

Client: CRG Marine Laboratories
Project Number: P26173c
Project Name: N/A
Client Sample ID: S4
AMS Sample ID: 25727

AMS Project Number: 2006-598-78
Date Sampled: 10/26/2006
Date Received: 11/3/2006

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Data Qualifier</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Analyzed</u>
Total Organic Carbon	0.69	%		0.01	0.03	EPA 9060A	Sediment	11/21/2006

Quality Assurance: These analyses were performed in accordance with EPA guidelines, the 2006 DoD Quality Systems Manual for Environmental Laboratories (Version 3) and the 2003 NELAC Standard, with the following exceptions:

- * TOC sample not analyzed in quadruplicate
- * TOC spike duplicate not analyzed every 10 samples

KS Davis, P.G.

AMS, Inc. Technical Director



Applied Marine Sciences, Inc.

502 N. Hwy 3, Suite B, League City, TX 77573, (281) 554-7272 Fax (281) 554-6356

ANALYTICAL RESULTS

Client: CRG Marine Laboratories
Project Number: P26173c
Project Name: N/A
Client Sample ID: S5
AMS Sample ID: 25728

AMS Project Number: 2006-598-78
Date Sampled: 10/26/2006
Date Received: 11/3/2006

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Data Qualifier</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Analyzed</u>
Total Organic Carbon	1.15	%		0.01	0.03	EPA 9060A	Sediment	11/21/2006

Quality Assurance: These analyses were performed in accordance with EPA guidelines, the 2006 DoD Quality Systems Manual for Environmental Laboratories (Version 3) and the 2003 NELAC Standard, with the following exceptions:

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- * TOC spike duplicate not analyzed every 10 samples

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ANALYTICAL RESULTS

Client: CRG Marine Laboratories
Project Number: P26173c
Project Name: N/A
Client Sample ID: S6
AMS Sample ID: 25729

AMS Project Number: 2006-598-78
Date Sampled: 10/26/2006
Date Received: 11/3/2006

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Data Qualifier</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Analyzed</u>
Total Organic Carbon	0.30	%		0.01	0.03	EPA 9060A	Sediment	11/21/2006

Quality Assurance: These analyses were performed in accordance with EPA guidelines, the 2006 DoD Quality Systems Manual for Environmental Laboratories (Version 3) and the 2003 NELAC Standard, with the following exceptions:

- * TOC sample not analyzed in quadruplicate
- * TOC spike duplicate not analyzed every 10 samples

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AMS, Inc. Technical Director



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QUALITY CONTROL RESULTS

Client: CRG Marine Laboratories
Project Number: P26173c
Project Name: N/A
Matrix: Sediment
Method: EPA 9060A

AMS Project Number: 2006-598-78
Date Analyzed: 11/21/2006
Batch ID: 112106-01

Method Blank (Batch Continuing Blank (CB)), Continuing Calibration Verification (CCV) and Independent Continuing Calibration Verification (ICCV) Results:

AMS Sample ID	Parameter	Result (%)	CCV Conc. (%)	Relative % Difference (%)	Data Qualifier	LOD (%)	LOQ (%)	QC Limits (%)
CB-01	TOC	0.01	0.01	--	U	0.01	0.03	≤ 0.03
CCV-01	TOC	4.95	4.80	3.08		0.01	0.03	≤ 5 RPD
ICCV-01	TOC	2.07	2.00	3.44		0.01	0.03	≤ 5 RPD

Sample Duplicate Results:

AMS Sample ID	Parameter	Result (%)	Duplicate Result (%)	Relative % Difference (%)	Data Qualifier	LOD (%)	LOQ (%)	QC Limits
25820	TOC	0.41	0.38	7.59		0.01	0.03	≤ 25 RPD

Samples in Batch (AMS ID): 25723 25726 25729 25817 25820
25724 25727 25815 25818
25725 25728 25816 25819

Quality Assurance: These analyses were performed in accordance with EPA guidelines, the 2006 DoD Quality Systems Manual for Environmental Laboratories (Version 3) and the 2003 NELAC Standard, with the following exceptions:

- * TOC samples not analyzed in quadruplicate
- * TOC spike duplicate not analyzed every 10 samples

Project-specific Quality Assurance requirements supersede those provided by the above quality systems and documents. Measurements of uncertainty are available upon request.

KS Davis, P.G.

AMS, Inc. Technical Director



Applied Marine Sciences, Inc.

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QUALITY CONTROL RESULTS

Client: CRG Marine Laboratories
Project Number: P26173c
Project Name: N/A
Matrix: Sediment
Method: EPA 9060A

AMS Project Number: 2006-598-78
Date Analyzed: 11/21/2006

Data Qualifiers:

- U Undetected at the Limit of Detection (LOD): The associated value is the Limit of Detection, adjusted by any dilution factor used in the analysis.
- J The analyte was positively identified, but was below the Limit of Quantitation (LOQ). The quantitation is an estimate.
- B Blank contamination: The analyte was detected above one-half the LOD in an associated blank.
- Q One or more Quality Control criteria failed. Data usability should be carefully assessed by the Project Team.
- I Insufficient sample was provided to perform required Quality Control analyses and/or to meet method-specific sample volume recommendations.

Definitions:

- LOD The Limit of Detection (LOD) is determined by quantitative establishment of the Method Detection Limit (MDL), as defined in 40 CFR 136(b).
- LOQ The Limit of Quantitation (LOQ) is the minimum level, concentration or quantity of a target variable (target analyte) that can be quantitatively reported with a specified level of confidence. As defined in DoD QSM §D.1.2.2, the LOQ value must be a minimum of 3 times the LOD, although the specified level of confidence may have a lower quantitative value.

Quality Assurance: These analyses were performed in accordance with EPA guidelines, the 2006 DoD Quality Systems Manual for Environmental Laboratories (Version 3) and the 2003 NELAC Standard, with the following exceptions:

- * TOC samples not analyzed in quadruplicate
- * TOC spike duplicate not analyzed every 10 samples

Project-specific Quality Assurance requirements supersede those provided by the above quality systems and documents. Measurements of uncertainty are available upon request.

KS Davis, P.G.

AMS, Inc. Technical Director

CHAIN-OF-CUSTODY

Misty B. Mercier

From: James Alamillo [jalamillo@HealTheBay.org]
Sent: Tuesday, November 28, 2006 11:49 AM
To: mmercier@crglabs.com
Subject: Additional analysis for Sediment samples

Misty,

Hope all is well with you. After reviewing the TOC data, please analyze samples S1, S3, and S5 for metals, PAHs, and Organo-Chlorines/PCBs. If you have any questions about this request, please do not hesitate to contact me. Thank for you time in this matter. james

Heal the Bay has moved. Our new contact information is as follows:

*Heal the Bay
1444 9th Street
Santa Monica, CA 90401
Phone: 310-451-1500
Fax: 310-496-1902*



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

Client Name				Heal the Bay		REQUESTED ANALYSIS					
Address				1444 9th St., Santa Monica, CA, 90401							
Sampled By				James Alamillo, Kristen James, Eliana Sitrin							
Project Manager				James Alamillo							
Phone				310-451-1500 x1.115							
FAX				310-496-1902							
Email				jalamillo@healthebay.org							
Project Name/Number				Compton Creek Watershed							
P.O. Number				#8369							
Client Sample ID	Sample Date	Sample Time	Sample Matrix*	Quantity	Container Type	Metals (total and Dissolved)	Hardness	pH	TSS	NO2--NO3--Ammonia	PAH
1	W1	10/26/2006	FW			X	X	X	X	X	
2	W2	10/26/2006	FW			X	X	X	X	X	
3	W3	10/26/2006	FW			X	X	X	X	X	
4	W4	10/26/2006	FW			X	X	X	X	X	
5	W5	10/26/2006	FW			X	X	X	X	X	
6	W6	10/26/2006	FW			X	X	X	X	X	
7											
8											
9											
10											
RELINQUISHED BY											
Signature: <i>Eliana Sitrin</i>											
Print: Eliana Sitrin											
Company: Heal the Bay											
DATE: 10/26/06 TIME: 2:10 pm											
RECEIVED BY											
Signature: <i>Geoff Gossett</i>											
Print: Geoff Gossett											
Company: CRG Marine Labs											
DATE: 10/26/06 TIME: 14:15											

CRG Project ID: P24073c (lab use only)

CRG Sample ID: _____ (lab use only)

Correct Containers: Yes No

Sample Temperature: Ambient Cold Warm

Sample Preservative: Yes No

Turnaround Time: STD Specify:

Report Format: pdf EDD hardcopy

Comments:

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



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

Client Name Address		Heal the Bay 1444 9th St., Santa Monica, CA, 90401		REQUESTED ANALYSIS <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 20px auto;">P2001730</div>					
Sampled By James Alamillo, Kristen James, Elana Strin									
Project Manager James Alamillo									
Phone 310-451-1500 x1.115									
FAX 310-496-1902									
Email jalamillo@healthebay.org		Project Name/Number Compton Creek Watershed							
P.O. Number #8369									
Client Sample ID	Sample Date	Sample Time	Sample Matrix*	Quantity	Container Type	TOC*	PAH	Orangano-Chlorines/PCBs	Metals
1	S1	10/26/2006 11:40	SED	4oz	clear glass	x			
2	S2	10/26/2006 12:10	SED	4oz	clear glass	x			
3	S3	10/26/2006 12:10	SED	4oz	clear glass	x			
4	S4	10/26/2006 12:40	SED	4oz	clear glass	x			
5	S5	10/26/2006 1:00	SED	4oz	clear glass	x			
6	S6	10/26/2006 1:40	SED	4oz	clear glass	x			
7									
8									
9									
10									
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:									
<p>*Note: First analyze for TOC test before processing the samples for the other analytes. Three of the six samples will be selected for the second round of analysis.</p>									
<p>CRG Project ID: <u>P2001730</u> (lab use only)</p>									
<p>CRG Sample ID: _____ (lab use only)</p>									
<p>*MATRIX CODES: (SED = Sediment); (TISS = Tissue); (SW = Seawater, Saltwater); (FW = Freshwater); (WW = Wastewater); (STRMW = Stormwater)</p>									
Signature:									
Print: Elana Strin									
Company: Heal the Bay									
DATE: 10/26/06						TIME: 2:10 PM			
RECEIVED BY									
Signature: Geoff Gosselt									
Print: Geoff Gosselt									
Company: CRS Marine Labs									
DATE: 10/26/06						TIME: 14:10			

**CRG**

Marine Laboratories, Inc.

SAMPLE RECEIVING

CRG Project ID

P26173 C

CLIENT
NAME

Heal the Bay

DATE
RECEIVED

10.26.06

COURIER INFORMATION☐ CRG ☐ FEDEX
☒ OTHER* ☐ UPSTRACKING
NUMBER

HTB carrier

TEMPERATURE

10

°C

☐ BLUE ICE
☐ WET ICE
☐ NO ICE**Chain-of-Custody**☒ INCLUDED
☒ SIGNED
☒ NOT INCLUDED**SAMPLE MATRIX**☒ LIQUID
☒ SOLID
☐ OTHER***CONDITION OF SAMPLES UPON ARRIVAL**

	<u>YES</u>	<u>NO*</u>	<u>NA</u>
All sample containers intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All samples listed on COC are present.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample ID on containers consistent with COC.....	<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**

COMPLETED BY:

GG