



CRG

Marine
Laboratories, Inc.

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

January 26, 2007

Ventura Coastkeeper
1591 Spinnaker Drive
Suite 203
Ventura, CA 93001

Re: CRG Marine Laboratories
Ventura Coastkeeper

Project ID: P 26152d
Project ID:

ATTN: Paul Westefer

CRG Laboratories is pleased to provide you with the enclosed analytical data report for your project. According to the chain-of-custody, 3 samples were received intact at CRG on 12/18/2006. Per your instructions, the samples were analyzed for:

- Trace Metals By ICPMS Using Method EPA 1640m
- Trace Metals By ICPMS Using Method EPA 200.8m
- Mercury (Hg) By CVAFS Using Method EPA 245.7m
- Aroclor PCBs By GCMS Using Method EPA 625m
- Chlorinated Pesticides By GCMS Using Method EPA 625m
- Organophosphorus Pesticides By GCMS Using Method EPA 625m
- PCB Congeners By GCMS Using Method EPA 625m
- Pyrethroids By GCMS Using Method EPA 625m
- Triazines By GCMS Using Method EPA 625m

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

Regards,
Misty Mercier

Reviewed and Approved _____

Project Sample List

Ventura Coastkeeper

CRG Project ID: **26152d**

Project Officer: Paul Westefer

Project Description:

<i>CRG Sample ID#</i>	<i>Client Sample ID</i>	<i>Sample Description</i>	<i>Date Sampled</i>	<i>Matrix</i>
48775	CJ-01		18-Dec-06	Freshwater
48776	CL-01		18-Dec-06	Seawater
48777	RS-01		18-Dec-06	Seawater

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.

DATA REPORT

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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48775

Sample CJ-01

Date Sampled: 18-Dec-06 11:55

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aroclor 1016	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1221	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1232	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1242	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1248	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1254	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1260	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093

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

48775 R1

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Aroclor PCBs

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48776

Sample CL-01

Date Sampled: 18-Dec-06 12:27

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aroclor 1016	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1221	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1232	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1242	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1248	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1254	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1260	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093

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Aroclor PCBs

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48777

Sample RS-01

Date Sampled: 18-Dec-06 12:42

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aroclor 1016	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1221	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1232	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1242	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1248	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1254	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
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R1

CONGENER-BASED PCB RESULTS

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

PCB Congeners

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48775

Sample CJ-01

Date Sampled: 18-Dec-06 11:55

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB018	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB028	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB031	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB033	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB037	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB044	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB049	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB052	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB066	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB070	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB074	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB077	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB081	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB087	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB095	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB097	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB099	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB101	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB105	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB110	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB114	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB118	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB119	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB123	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB126	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093

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; MI = Matrix Interference

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48775 R1

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PCB Congeners

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48775

Sample CJ-01

Date Sampled: 18-Dec-06 11:55

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB128+167	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB138	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB141	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB149	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB151	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB153	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB156	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB157	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB158	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB168+132	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB169	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB170	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB177	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB180	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB183	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB187	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB189	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB194	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB200	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB201	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB206	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Total Detectable PCBs	Total	EPA 625m	0	ng/L			18-Dec-06	11-Jan-07	26152d-22093

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; MI = Matrix Interference

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PCB Congeners

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48776

Sample CL-01

Date Sampled: 18-Dec-06 12:27

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB018	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB028	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB031	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB033	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB037	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB044	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB049	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB052	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB066	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB070	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
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PCB097	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB099	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB101	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB105	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB110	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB114	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB118	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB119	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB123	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB126	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093

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48776

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PCB Congeners

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48776

Sample CL-01

Date Sampled: 18-Dec-06 12:27

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB128+167	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB138	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB141	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB149	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB151	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB153	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB156	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB157	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB158	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB168+132	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB169	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB170	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB177	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB180	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB183	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB187	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB189	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB194	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB200	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB201	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB206	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Total Detectable PCBs	Total	EPA 625m	0	ng/L			18-Dec-06	11-Jan-07	26152d-22093

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48776 R1

CRG Marine Laboratories, Inc.

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PCB Congeners

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48777

Sample Description: RS-01

Date Sampled: 18-Dec-06 12:42

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB018	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB028	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB031	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB033	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB037	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB044	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB049	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB052	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB066	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB070	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB074	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB077	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB081	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB087	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB095	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB097	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB099	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB101	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB105	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB110	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB114	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB118	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB119	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB123	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB126	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093

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; MI = Matrix Interference

California ELAP Certificate # 2261
48777 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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48777

Sample Description: RS-01

Date Sampled: 18-Dec-06 12:42

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB128+167	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB138	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB141	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB149	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB151	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB153	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB156	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB157	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB158	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB168+132	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB169	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB170	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB177	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB180	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB183	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB187	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB189	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB194	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB200	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB201	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB206	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Total Detectable PCBs	Total	EPA 625m	0	ng/L			18-Dec-06	11-Jan-07	26152d-22093

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; MI = Matrix Interference

California ELAP Certificate # 2261
48777 R1

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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48775

Sample CJ-01

Date Sampled: 18-Dec-06 11:55

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
(PCB030)	Total	EPA 625m	93	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
(PCB112)	Total	EPA 625m	101	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
(PCB198)	Total	EPA 625m	97	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
(TCMX)	Total	EPA 625m	90	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
2,4'-DDD	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
2,4'-DDE	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
2,4'-DDT	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
4,4'-DDD	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
4,4'-DDE	Total	EPA 625m	7	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
4,4'-DDT	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Aldrin	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-alpha	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-beta	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-delta	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-gamma	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Chlordane-alpha	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Chlordane-gamma	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
cis-Nonachlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
DCPA (Dacthal)	Total	EPA 625m	29.7	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Dicofol	Total	EPA 625m	ND	ng/L	50	100	18-Dec-06	11-Jan-07	26152d-22093
Dieldrin	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endosulfan Sulfate	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endosulfan-I	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endosulfan-II	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endrin	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093

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; MI = Matrix Interference

California ELAP Certificate # 2261
48775 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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48775

Sample CJ-01

Date Sampled: 18-Dec-06 11:55

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Endrin Aldehyde	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endrin Ketone	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Heptachlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Heptachlor Epoxide	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Methoxychlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Mirex	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Oxychlordane	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Perthane	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Total Chlordane	Total	EPA 625m	0	ng/L			18-Dec-06	11-Jan-07	26152d-22093
Total Detectable DDTs	Total	EPA 625m	7	ng/L			18-Dec-06	11-Jan-07	26152d-22093
Toxaphene	Total	EPA 625m	ND	ng/L	10	50	18-Dec-06	11-Jan-07	26152d-22093
trans-Nonachlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093

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; MI = Matrix Interference

California ELAP Certificate # 2261

48775 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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48776

Sample CL-01

Date Sampled: 18-Dec-06 12:27

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
(PCB030)	Total	EPA 625m	92	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
(PCB112)	Total	EPA 625m	100	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
(PCB198)	Total	EPA 625m	90	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
(TCMX)	Total	EPA 625m	93	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
2,4'-DDD	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
2,4'-DDE	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
2,4'-DDT	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
4,4'-DDD	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
4,4'-DDE	Total	EPA 625m	10.1	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
4,4'-DDT	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Aldrin	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-alpha	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-beta	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-delta	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-gamma	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Chlordane-alpha	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Chlordane-gamma	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
cis-Nonachlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
DCPA (Dacthal)	Total	EPA 625m	11.3	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Dicofol	Total	EPA 625m	ND	ng/L	50	100	18-Dec-06	11-Jan-07	26152d-22093
Dieldrin	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endosulfan Sulfate	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endosulfan-I	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endosulfan-II	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endrin	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093

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; MI = Matrix Interference

California ELAP Certificate # 2261
48776 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: *Ventura Coastkeeper*

CRG Project ID: 26152d

CRG ID#: 48776

Sample CL-01

Date Sampled: 18-Dec-06 12:27

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Endrin Aldehyde	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endrin Ketone	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Heptachlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Heptachlor Epoxide	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Methoxychlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Mirex	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Oxychlordane	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Perthane	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Total Chlordane	Total	EPA 625m	0	ng/L			18-Dec-06	11-Jan-07	26152d-22093
Total Detectable DDTs	Total	EPA 625m	10.1	ng/L			18-Dec-06	11-Jan-07	26152d-22093
Toxaphene	Total	EPA 625m	ND	ng/L	10	50	18-Dec-06	11-Jan-07	26152d-22093
trans-Nonachlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093

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; MI = Matrix Interference

California ELAP Certificate # 2261

48776 R1

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Chlorinated Pesticides

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48777

Sample Description: RS-01

Date Sampled: 18-Dec-06 12:42

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
(PCB030)	Total	EPA 625m	96	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
(PCB112)	Total	EPA 625m	99	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
(PCB198)	Total	EPA 625m	82	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
(TCMX)	Total	EPA 625m	96	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
2,4'-DDD	Total	EPA 625m	J 4.8	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
2,4'-DDE	Total	EPA 625m	J 1.7	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
2,4'-DDT	Total	EPA 625m	9.1	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
4,4'-DDD	Total	EPA 625m	13.8	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
4,4'-DDE	Total	EPA 625m	65.1	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
4,4'-DDT	Total	EPA 625m	42.8	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Aldrin	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-alpha	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-beta	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-delta	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-gamma	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Chlordane-alpha	Total	EPA 625m	J 1.4	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Chlordane-gamma	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
cis-Nonachlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
DCPA (Dacthal)	Total	EPA 625m	32.7	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Dicofol	Total	EPA 625m	ND	ng/L	50	100	18-Dec-06	11-Jan-07	26152d-22093
Dieldrin	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endosulfan Sulfate	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endosulfan-I	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endosulfan-II	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endrin	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093

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; MI = Matrix Interference

California ELAP Certificate # 2261
48777 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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48777

Sample Description: RS-01

Date Sampled: 18-Dec-06 12:42

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Endrin Aldehyde	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endrin Ketone	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Heptachlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Heptachlor Epoxide	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Methoxychlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Mirex	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Oxychlordane	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Perthane	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Total Chlordane	Total	EPA 625m	1.4	ng/L			18-Dec-06	11-Jan-07	26152d-22093
Total Detectable DDTs	Total	EPA 625m	137.3	ng/L			18-Dec-06	11-Jan-07	26152d-22093
Toxaphene	Total	EPA 625m	ND	ng/L	10	50	18-Dec-06	11-Jan-07	26152d-22093
trans-Nonachlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093

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; MI = Matrix Interference

California ELAP Certificate # 2261

48777 R1

ORGANOPHOSPHORUS 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

Organophosphorus Pesticides

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48775

Sample CJ-01

Date Sampled: 18-Dec-06 11:55

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Bolstar (Sulprofos)	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Chlorpyrifos	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Demeton	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Diazinon	Total	EPA 625m	30.1	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Dichlorvos	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Dimethoate	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Disulfoton	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Ethoprop (Ethoprofos)	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Fenclorphos (Ronnell)	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Fensulfothion	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Fenthion	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Malathion	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Merphos	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Methyl Parathion	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Mevinphos (Phosdrin)	Total	EPA 625m	ND	ng/L	8	16	18-Dec-06	11-Jan-07	26152d-22093
Phorate	Total	EPA 625m	ND	ng/L	6	12	18-Dec-06	11-Jan-07	26152d-22093
Tetrachlorvinphos (Stirofos)	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Tokuthion	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Trichloronate	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093

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

48775 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

Organophosphorus Pesticides

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48776

Sample CL-01

Date Sampled: 18-Dec-06 12:27

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Bolstar (Sulprofos)	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Chlorpyrifos	Total	EPA 625m	13	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Demeton	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Diazinon	Total	EPA 625m	33.4	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Dichlorvos	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Dimethoate	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Disulfoton	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Ethoprop (Ethoprofos)	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Fenclorphos (Ronnell)	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Fensulfothion	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Fenthion	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Malathion	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Merphos	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Methyl Parathion	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Mevinphos (Phosdrin)	Total	EPA 625m	ND	ng/L	8	16	18-Dec-06	11-Jan-07	26152d-22093
Phorate	Total	EPA 625m	ND	ng/L	6	12	18-Dec-06	11-Jan-07	26152d-22093
Tetrachlorvinphos (Stirofos)	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Tokuthion	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Trichloronate	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093

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

48776 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

Organophosphorus Pesticides

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48777

Sample RS-01

Date Sampled: 18-Dec-06 12:42

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Bolstar (Sulprofos)	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Chlorpyrifos	Total	EPA 625m	338.7	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Demeton	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Diazinon	Total	EPA 625m	20.9	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Dichlorvos	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Dimethoate	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Disulfoton	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Ethoprop (Ethoprofos)	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Fenclorphos (Ronnell)	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Fensulfothion	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Fenthion	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Malathion	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Merphos	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Methyl Parathion	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Mevinphos (Phosdrin)	Total	EPA 625m	ND	ng/L	8	16	18-Dec-06	11-Jan-07	26152d-22093
Phorate	Total	EPA 625m	ND	ng/L	6	12	18-Dec-06	11-Jan-07	26152d-22093
Tetrachlorvinphos (Stirofos)	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Tokuthion	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Trichloronate	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093

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

48777

R1

SYNTHETIC PYRETHROID 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

Pyrethroids

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48775

Sample Description: CJ-01

Date Sampled: 18-Dec-06 11:55

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Allethrin	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Bifenthrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Cyfluthrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Cypermethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Danitol	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Deltamethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Esfenvalerate	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Fenvalerate	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
L-Cyhalothrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Permethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Prallethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093

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
48775 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

Pyrethroids

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48776

Sample Description: CL-01

Date Sampled: 18-Dec-06 12:27

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Allethrin	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Bifenthrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Cyfluthrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Cypermethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Danitol	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Deltamethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Esfenvalerate	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Fenvalerate	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
L-Cyhalothrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Permethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Prallethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093

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

48776 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

Pyrethroids

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48777

Sample Description: RS-01

Date Sampled: 18-Dec-06 12:42

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Allethrin	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Bifenthrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Cyfluthrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Cypermethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Danitol	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Deltamethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Esfenvalerate	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Fenvalerate	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
L-Cyhalothrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Permethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Prallethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093

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
48777 R1

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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48775

Sample Description: CJ-01

Date Sampled: 18-Dec-06 11:55

Replicate #: R1

Description:

Date Received: 18-Dec-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	65	µg/L	5	10	28-Dec-06	28-Dec-06	26152d-15082
Antimony (Sb)	Total	EPA 200.8m	0.7	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Arsenic (As)	Total	EPA 200.8m	2.5	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Barium (Ba)	Total	EPA 200.8m	21.8	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Beryllium (Be)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Cadmium (Cd)	Total	EPA 200.8m	ND	µg/L	0.2	0.4	28-Dec-06	28-Dec-06	26152d-15082
Chromium (Cr)	Total	EPA 200.8m	0.9	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Cobalt (Co)	Total	EPA 200.8m	0.6	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Copper (Cu)	Total	EPA 200.8m	3.5	µg/L	0.4	0.8	28-Dec-06	28-Dec-06	26152d-15082
Iron (Fe)	Total	EPA 200.8m	183	µg/L	5	10	28-Dec-06	28-Dec-06	26152d-15082
Lead (Pb)	Total	EPA 200.8m	0.24	µg/L	0.05	0.1	28-Dec-06	28-Dec-06	26152d-15082
Manganese (Mn)	Total	EPA 200.8m	36.7	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Mercury (Hg)	Total	EPA 245.7m	ND	µg/L	0.01	0.02	26-Dec-06	26-Dec-06	26152d-2126
Molybdenum (Mo)	Total	EPA 200.8m	10.5	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Nickel (Ni)	Total	EPA 200.8m	3.7	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Selenium (Se)	Total	EPA 200.8m	2.6	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Silver (Ag)	Total	EPA 200.8m	ND	µg/L	0.5	1	28-Dec-06	28-Dec-06	26152d-15082
Strontium (Sr)	Total	EPA 200.8m	454.3	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Thallium (Tl)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Tin (Sn)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Titanium (Ti)	Total	EPA 200.8m	2.9	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Vanadium (V)	Total	EPA 200.8m	7.6	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Zinc (Zn)	Total	EPA 200.8m	21.4	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082

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

48775

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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48776

Sample Description: CL-01

Date Sampled: 18-Dec-06 12:27

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	Total	EPA 1640m	219	µg/L	3	6	28-Dec-06	28-Dec-06	26152d-15082
Antimony (Sb)	Total	EPA 1640m	0.8	µg/L	0.01	0.015	28-Dec-06	28-Dec-06	26152d-15082
Arsenic (As)	Total	EPA 1640m	4.4	µg/L	0.01	0.015	28-Dec-06	28-Dec-06	26152d-15082
Barium (Ba)	Total	EPA 200.8m	51.3	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Beryllium (Be)	Total	EPA 1640m	ND	µg/L	0.005	0.01	28-Dec-06	28-Dec-06	26152d-15082
Cadmium (Cd)	Total	EPA 1640m	0.4	µg/L	0.005	0.01	28-Dec-06	28-Dec-06	26152d-15082
Chromium (Cr)	Total	EPA 1640m	1.8	µg/L	0.025	0.05	28-Dec-06	28-Dec-06	26152d-15082
Cobalt (Co)	Total	EPA 1640m	1.2	µg/L	0.005	0.01	28-Dec-06	28-Dec-06	26152d-15082
Copper (Cu)	Total	EPA 1640m	5.2	µg/L	0.01	0.02	28-Dec-06	28-Dec-06	26152d-15082
Iron (Fe)	Total	EPA 1640m	464	µg/L	0.5	1	28-Dec-06	28-Dec-06	26152d-15082
Lead (Pb)	Total	EPA 1640m	1	µg/L	0.005	0.01	28-Dec-06	28-Dec-06	26152d-15082
Manganese (Mn)	Total	EPA 1640m	62.5	µg/L	0.01	0.02	28-Dec-06	28-Dec-06	26152d-15082
Mercury (Hg)	Total	EPA 245.7m	ND	µg/L	0.01	0.02	26-Dec-06	26-Dec-06	26152d-2126
Molybdenum (Mo)	Total	EPA 1640m	21.8	µg/L	0.005	0.01	28-Dec-06	28-Dec-06	26152d-15082
Nickel (Ni)	Total	EPA 1640m	5.9	µg/L	0.005	0.01	28-Dec-06	28-Dec-06	26152d-15082
Selenium (Se)	Total	EPA 1640m	4.9	µg/L	0.01	0.015	28-Dec-06	28-Dec-06	26152d-15082
Silver (Ag)	Total	EPA 1640m	ND	µg/L	0.02	0.04	28-Dec-06	28-Dec-06	26152d-15082
Strontium (Sr)	Total	EPA 200.8m	855	µg/L	0.01	0.015	28-Dec-06	28-Dec-06	26152d-15082
Thallium (Tl)	Total	EPA 1640m	ND	µg/L	0.005	0.01	28-Dec-06	28-Dec-06	26152d-15082
Tin (Sn)	Total	EPA 1640m	ND	µg/L	0.005	0.01	28-Dec-06	28-Dec-06	26152d-15082
Titanium (Ti)	Total	EPA 1640m	7.1	µg/L	0.035	0.07	28-Dec-06	28-Dec-06	26152d-15082
Vanadium (V)	Total	EPA 1640m	15.6	µg/L	0.02	0.04	28-Dec-06	28-Dec-06	26152d-15082
Zinc (Zn)	Total	EPA 1640m	19.2	µg/L	0.005	0.01	28-Dec-06	28-Dec-06	26152d-15082

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

48776

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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48777

Sample RS-01

Date Sampled: 18-Dec-06 12:42

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	Total	EPA 1640m	1491	µg/L	3	6	02-Jan-07	03-Jan-07	26152d-15097
Antimony (Sb)	Total	EPA 1640m	0.05	µg/L	0.01	0.015	02-Jan-07	03-Jan-07	26152d-15097
Arsenic (As)	Total	EPA 1640m	2.97	µg/L	0.01	0.015	02-Jan-07	03-Jan-07	26152d-15097
Beryllium (Be)	Total	EPA 1640m	0.081	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Cadmium (Cd)	Total	EPA 1640m	0.289	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Chromium (Cr)	Total	EPA 1640m	3.85	µg/L	0.025	0.05	02-Jan-07	03-Jan-07	26152d-15097
Cobalt (Co)	Total	EPA 1640m	1.619	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Copper (Cu)	Total	EPA 1640m	7.34	µg/L	0.01	0.02	02-Jan-07	03-Jan-07	26152d-15097
Iron (Fe)	Total	EPA 1640m	2020.1	µg/L	0.5	1	02-Jan-07	03-Jan-07	26152d-15097
Lead (Pb)	Total	EPA 1640m	1.386	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Manganese (Mn)	Total	EPA 1640m	233.62	µg/L	0.01	0.02	02-Jan-07	03-Jan-07	26152d-15097
Mercury (Hg)	Total	EPA 245.7m	ND	µg/L	0.01	0.02	26-Dec-06	26-Dec-06	26152d-2126
Molybdenum (Mo)	Total	EPA 1640m	77.947	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Nickel (Ni)	Total	EPA 1640m	7.53	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Selenium (Se)	Total	EPA 1640m	0.21	µg/L	0.01	0.015	02-Jan-07	03-Jan-07	26152d-15097
Silver (Ag)	Total	EPA 1640m	1.586	µg/L	0.02	0.04	02-Jan-07	03-Jan-07	26152d-15097
Thallium (Tl)	Total	EPA 1640m	0.038	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Tin (Sn)	Total	EPA 1640m	0.019	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Titanium (Ti)	Total	EPA 1640m	86.601	µg/L	0.035	0.07	02-Jan-07	03-Jan-07	26152d-15097
Vanadium (V)	Total	EPA 1640m	18.87	µg/L	0.02	0.04	02-Jan-07	03-Jan-07	26152d-15097
Zinc (Zn)	Total	EPA 1640m	16.783	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097

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
48777 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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48775

Sample Description: CJ-01

Date Sampled: 18-Dec-06 11:55

Replicate #: R2

Description:

Date Received: 18-Dec-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	63	µg/L	5	10	28-Dec-06	28-Dec-06	26152d-15082
Antimony (Sb)	Total	EPA 200.8m	0.7	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Arsenic (As)	Total	EPA 200.8m	2.6	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Barium (Ba)	Total	EPA 200.8m	22.3	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Beryllium (Be)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Cadmium (Cd)	Total	EPA 200.8m	ND	µg/L	0.2	0.4	28-Dec-06	28-Dec-06	26152d-15082
Chromium (Cr)	Total	EPA 200.8m	0.8	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Cobalt (Co)	Total	EPA 200.8m	0.6	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Copper (Cu)	Total	EPA 200.8m	3.6	µg/L	0.4	0.8	28-Dec-06	28-Dec-06	26152d-15082
Iron (Fe)	Total	EPA 200.8m	182	µg/L	5	10	28-Dec-06	28-Dec-06	26152d-15082
Lead (Pb)	Total	EPA 200.8m	0.24	µg/L	0.05	0.1	28-Dec-06	28-Dec-06	26152d-15082
Manganese (Mn)	Total	EPA 200.8m	36.8	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Mercury (Hg)	Total	EPA 245.7m	ND	µg/L	0.01	0.02	26-Dec-06	26-Dec-06	26152d-2126
Molybdenum (Mo)	Total	EPA 200.8m	10.7	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Nickel (Ni)	Total	EPA 200.8m	3.8	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Selenium (Se)	Total	EPA 200.8m	2.7	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Silver (Ag)	Total	EPA 200.8m	ND	µg/L	0.5	1	28-Dec-06	28-Dec-06	26152d-15082
Strontium (Sr)	Total	EPA 200.8m	458.1	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Thallium (Tl)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Tin (Sn)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Titanium (Ti)	Total	EPA 200.8m	3.1	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Vanadium (V)	Total	EPA 200.8m	7.6	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Zinc (Zn)	Total	EPA 200.8m	21.5	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082

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

48775

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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48777

Sample RS-01

Date Sampled: 18-Dec-06 12:42

Replicate #: R2

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	Total	EPA 1640m	1533	µg/L	3	6	02-Jan-07	03-Jan-07	26152d-15097
Antimony (Sb)	Total	EPA 1640m	0.07	µg/L	0.01	0.015	02-Jan-07	03-Jan-07	26152d-15097
Arsenic (As)	Total	EPA 1640m	2.92	µg/L	0.01	0.015	02-Jan-07	03-Jan-07	26152d-15097
Beryllium (Be)	Total	EPA 1640m	0.078	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Cadmium (Cd)	Total	EPA 1640m	0.291	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Chromium (Cr)	Total	EPA 1640m	3.93	µg/L	0.025	0.05	02-Jan-07	03-Jan-07	26152d-15097
Cobalt (Co)	Total	EPA 1640m	1.675	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Copper (Cu)	Total	EPA 1640m	7.28	µg/L	0.01	0.02	02-Jan-07	03-Jan-07	26152d-15097
Iron (Fe)	Total	EPA 1640m	2045.1	µg/L	0.5	1	02-Jan-07	03-Jan-07	26152d-15097
Lead (Pb)	Total	EPA 1640m	1.421	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Manganese (Mn)	Total	EPA 1640m	223.82	µg/L	0.01	0.02	02-Jan-07	03-Jan-07	26152d-15097
Molybdenum (Mo)	Total	EPA 1640m	82.107	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Nickel (Ni)	Total	EPA 1640m	7.624	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Selenium (Se)	Total	EPA 1640m	0.23	µg/L	0.01	0.015	02-Jan-07	03-Jan-07	26152d-15097
Silver (Ag)	Total	EPA 1640m	1.763	µg/L	0.02	0.04	02-Jan-07	03-Jan-07	26152d-15097
Thallium (Tl)	Total	EPA 1640m	0.037	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Tin (Sn)	Total	EPA 1640m	0.021	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Titanium (Ti)	Total	EPA 1640m	85.441	µg/L	0.035	0.07	02-Jan-07	03-Jan-07	26152d-15097
Vanadium (V)	Total	EPA 1640m	18.66	µg/L	0.02	0.04	02-Jan-07	03-Jan-07	26152d-15097
Zinc (Zn)	Total	EPA 1640m	17.373	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097

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
48777 R2

TRIAZINE 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

Triazines

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48775

Sample CJ-01

Date Sampled: 18-Dec-06 11:55

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Freshwater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Ametryn	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Atraton	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Atrazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Cyanazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Prometon	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Prometryne	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Propazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Secbumeton	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Simazine	Total	EPA 625m	J 6	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Simetryn	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Terbutylazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Terbutryn	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093

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

48775

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

Triazines

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48776

Sample Description: CL-01

Date Sampled: 18-Dec-06 12:27

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Ametryn	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Atraton	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Atrazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Cyanazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Prometon	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Prometryne	Total	EPA 625m	25	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Propazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Secbumeton	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Simazine	Total	EPA 625m	J 9	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Simetryn	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Terbutylazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Terbutryn	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093

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
48776 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

Triazines

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48777

Sample RS-01

Date Sampled: 18-Dec-06 12:42

Replicate #: R1

Description:

Date Received: 18-Dec-06

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Ametryn	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Atraton	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Atrazine	Total	EPA 625m	80	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Cyanazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Prometon	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Prometryne	Total	EPA 625m	91	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Propazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Secbumeton	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Simazine	Total	EPA 625m	12	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Simetryn	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Terbutylazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Terbutryn	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093

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

48777

R1

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

PCB Congeners

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48774

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description:

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB018	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB028	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB031	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB033	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB037	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB044	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB049	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB052	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB066	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB070	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB074	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB077	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB081	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB087	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB095	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB097	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB099	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB101	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB105	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB110	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB114	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB118	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB119	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB123	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB126	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093

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; MI = Matrix Interference

California ELAP Certificate # 2261

48774

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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48774

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description:

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
PCB128+167	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB138	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB141	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB149	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB151	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB153	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB156	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB157	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB158	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB168+132	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB169	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB170	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB177	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB180	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB183	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB187	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB189	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB194	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB200	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB201	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
PCB206	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Total Detectable PCBs	Total	EPA 625m	0	ng/L			18-Dec-06	11-Jan-07	26152d-22093

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; MI = Matrix Interference

California ELAP Certificate # 2261

48774

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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48774

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description:

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
(PCB030)	Total	EPA 625m	98	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
(PCB112)	Total	EPA 625m	100	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
(PCB198)	Total	EPA 625m	95	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
(TCMX)	Total	EPA 625m	98	% Recovery			18-Dec-06	11-Jan-07	26152d-22093
2,4'-DDD	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
2,4'-DDE	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
2,4'-DDT	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
4,4'-DDD	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
4,4'-DDE	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
4,4'-DDT	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Aldrin	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-alpha	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-beta	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-delta	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
BHC-gamma	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Chlordane-alpha	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Chlordane-gamma	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
cis-Nonachlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
DCPA (Dacthal)	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Dicofol	Total	EPA 625m	ND	ng/L	50	100	18-Dec-06	11-Jan-07	26152d-22093
Dieldrin	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endosulfan Sulfate	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endosulfan-I	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endosulfan-II	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endrin	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093

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; MI = Matrix Interference

California ELAP Certificate # 2261

48774

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: *Ventura Coastkeeper*

CRG Project ID: 26152d

CRG ID#: 48774

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description:

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Endrin Aldehyde	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Endrin Ketone	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Heptachlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Heptachlor Epoxide	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Methoxychlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Mirex	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Oxychlordane	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093
Perthane	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Total Chlordane	Total	EPA 625m	0	ng/L			18-Dec-06	11-Jan-07	26152d-22093
Total Detectable DDTs	Total	EPA 625m	0	ng/L			18-Dec-06	11-Jan-07	26152d-22093
Toxaphene	Total	EPA 625m	ND	ng/L	10	50	18-Dec-06	11-Jan-07	26152d-22093
trans-Nonachlor	Total	EPA 625m	ND	ng/L	1	5	18-Dec-06	11-Jan-07	26152d-22093

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; MI = Matrix Interference

California ELAP Certificate # 2261

48774

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

Aroclor PCBs

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48774

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description:

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aroclor 1016	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1221	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1232	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1242	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1248	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1254	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093
Aroclor 1260	Total	EPA 625m	ND	ng/L	10	20	18-Dec-06	11-Jan-07	26152d-22093

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

48774

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

Organophosphorus Pesticides

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48774

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description:

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Bolstar (Sulprofos)	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Chlorpyrifos	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Demeton	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Diazinon	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Dichlorvos	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Dimethoate	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Disulfoton	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Ethoprop (Ethoprofos)	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Fenclorphos (Ronnell)	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Fensulfothion	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Fenthion	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Malathion	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Merphos	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Methyl Parathion	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093
Mevinphos (Phosdrin)	Total	EPA 625m	ND	ng/L	8	16	18-Dec-06	11-Jan-07	26152d-22093
Phorate	Total	EPA 625m	ND	ng/L	6	12	18-Dec-06	11-Jan-07	26152d-22093
Tetrachlorvinphos (Stirofos)	Total	EPA 625m	ND	ng/L	2	4	18-Dec-06	11-Jan-07	26152d-22093
Tokuthion	Total	EPA 625m	ND	ng/L	3	6	18-Dec-06	11-Jan-07	26152d-22093
Trichloronate	Total	EPA 625m	ND	ng/L	1	2	18-Dec-06	11-Jan-07	26152d-22093

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

48774

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

Pyrethroids

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48774

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description:

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Allethrin	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Bifenthrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Cyfluthrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Cypermethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Danitol	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Deltamethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Esfenvalerate	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Fenvalerate	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
L-Cyhalothrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Permethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093
Prallethrin	Total	EPA 625m	ND	ng/L	5	25	18-Dec-06	11-Jan-07	26152d-22093

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

48774

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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48774

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description:

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	28-Dec-06	28-Dec-06	26152d-15082
Antimony (Sb)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Arsenic (As)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Barium (Ba)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Beryllium (Be)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Cadmium (Cd)	Total	EPA 200.8m	ND	µg/L	0.2	0.4	28-Dec-06	28-Dec-06	26152d-15082
Chromium (Cr)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Cobalt (Co)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Copper (Cu)	Total	EPA 200.8m	ND	µg/L	0.4	0.8	28-Dec-06	28-Dec-06	26152d-15082
Iron (Fe)	Total	EPA 200.8m	ND	µg/L	5	10	28-Dec-06	28-Dec-06	26152d-15082
Lead (Pb)	Total	EPA 200.8m	ND	µg/L	0.05	0.1	28-Dec-06	28-Dec-06	26152d-15082
Manganese (Mn)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Mercury (Hg)	Total	EPA 245.7m	ND	µg/L	0.01	0.02	26-Dec-06	26-Dec-06	26152d-2126
Molybdenum (Mo)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Nickel (Ni)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Selenium (Se)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Silver (Ag)	Total	EPA 200.8m	ND	µg/L	0.5	1	28-Dec-06	28-Dec-06	26152d-15082
Strontium (Sr)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Thallium (Tl)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Tin (Sn)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082
Titanium (Ti)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Vanadium (V)	Total	EPA 200.8m	ND	µg/L	0.2	0.5	28-Dec-06	28-Dec-06	26152d-15082
Zinc (Zn)	Total	EPA 200.8m	ND	µg/L	0.1	0.5	28-Dec-06	28-Dec-06	26152d-15082

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

48774

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: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 49832

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description:

Date Received:

DILUTION FACTOR: 1

Matrix: Seawater

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Aluminum (Al)	Total	EPA 1640m	ND	µg/L	3	6	02-Jan-07	03-Jan-07	26152d-15097
Antimony (Sb)	Total	EPA 1640m	ND	µg/L	0.01	0.015	02-Jan-07	03-Jan-07	26152d-15097
Arsenic (As)	Total	EPA 1640m	ND	µg/L	0.01	0.015	02-Jan-07	03-Jan-07	26152d-15097
Beryllium (Be)	Total	EPA 1640m	ND	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Cadmium (Cd)	Total	EPA 1640m	ND	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Chromium (Cr)	Total	EPA 1640m	ND	µg/L	0.025	0.05	02-Jan-07	03-Jan-07	26152d-15097
Cobalt (Co)	Total	EPA 1640m	ND	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Copper (Cu)	Total	EPA 1640m	ND	µg/L	0.01	0.02	02-Jan-07	03-Jan-07	26152d-15097
Iron (Fe)	Total	EPA 1640m	ND	µg/L	0.5	1	02-Jan-07	03-Jan-07	26152d-15097
Lead (Pb)	Total	EPA 1640m	ND	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Manganese (Mn)	Total	EPA 1640m	ND	µg/L	0.01	0.02	02-Jan-07	03-Jan-07	26152d-15097
Molybdenum (Mo)	Total	EPA 1640m	ND	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Nickel (Ni)	Total	EPA 1640m	ND	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Selenium (Se)	Total	EPA 1640m	ND	µg/L	0.01	0.015	02-Jan-07	03-Jan-07	26152d-15097
Silver (Ag)	Total	EPA 1640m	ND	µg/L	0.02	0.04	02-Jan-07	03-Jan-07	26152d-15097
Thallium (Tl)	Total	EPA 1640m	ND	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Tin (Sn)	Total	EPA 1640m	ND	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097
Titanium (Ti)	Total	EPA 1640m	ND	µg/L	0.035	0.07	02-Jan-07	03-Jan-07	26152d-15097
Vanadium (V)	Total	EPA 1640m	ND	µg/L	0.02	0.04	02-Jan-07	03-Jan-07	26152d-15097
Zinc (Zn)	Total	EPA 1640m	ND	µg/L	0.005	0.01	02-Jan-07	03-Jan-07	26152d-15097

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

49832

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

Triazines

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48774

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: B1

Description:

Date Received:

DILUTION FACTOR: 1

Matrix: DI Water

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DATE PROCESSED	DATE ANALYZED	BATCH ID
Ametryn	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Atraton	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Atrazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Cyanazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Prometon	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Prometryne	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Propazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Secbumeton	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Simazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Simetryn	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Terbutylazine	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093
Terbutryn	Total	EPA 625m	ND	ng/L	5	10	18-Dec-06	11-Jan-07	26152d-22093

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

48774

B1

ACCURACY DATA

CRG Marine Laboratories, Inc.
MATRIX SPIKE QAQC REPORT
Project ID: 26152d

Sample ID:	48774-BS1/BS2			QAQC					Procedural Blank				Date Sampled:		
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 Spike Conc.	Percent Conc.	Recovery	Comment	Gross Conc.	Net Spike Conc.	Percent Conc.	Recovery		Comment	
Trace Metals				Batch ID: 26152d-15082											
Aluminum (Al)	0	0	0	93.2	93.2	100	93	PASS	93.3	93.3	100	93	PASS	50 - 140%	
Antimony (Sb)	0	0	0	9.3	9.3	10	93	PASS	10.7	10.7	10	107	PASS	65 - 135%	
Arsenic (As)	0	0	0	94.2	94.2	100	94	PASS	93.8	93.8	100	94	PASS	70 - 130%	
Barium (Ba)	0	0	0	105.6	105.6	100	106	PASS	106	106	100	106	PASS	70 - 130%	
Beryllium (Be)	0	0	0	80.2	80.2	100	80	PASS	80.6	80.6	100	81	PASS	60 - 130%	
Cadmium (Cd)	0	0	0	10.3	10.3	10	103	PASS	10.2	10.2	10	102	PASS	75 - 130%	
Chromium (Cr)	0	0	0	91.7	91.7	100	92	PASS	92.5	92.5	100	93	PASS	70 - 130%	
Cobalt (Co)	0	0	0	86.5	86.5	100	87	PASS	86.8	86.8	100	87	PASS	70 - 130%	
Copper (Cu)	0	0	0	89.7	89.7	100	90	PASS	90.3	90.3	100	90	PASS	70 - 130%	
Iron (Fe)	0	0	0	85.6	85.6	100	86	PASS	80.7	80.7	100	81	PASS	55 - 140%	
Lead (Pb)	0	0	0	87.57	87.57	100	88	PASS	87.63	87.63	100	88	PASS	65 - 135%	
Manganese (Mn)	0	0	0	87.6	87.6	100	88	PASS	87.8	87.8	100	88	PASS	70 - 130%	
Molybdenum (Mo)	0	0	0	99.1	99.1	100	99	PASS	100.6	100.6	100	101	PASS	70 - 130%	
Nickel (Ni)	0	0	0	86.1	86.1	100	86	PASS	85.9	85.9	100	86	PASS	70 - 130%	
Selenium (Se)	0	0	0	98.2	98.2	100	98	PASS	97.7	97.7	100	98	PASS	60 - 150%	

<i>Sample ID:</i>	48774-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>	
Silver (Ag)	0	0	0	11.4	11.4	10	114	PASS	10.4	10.4	10	104	PASS	50 - 155%
Strontium (Sr)	0	0	0	98.5	98.5	100	99	PASS	96.9	96.9	100	97	PASS	70 - 130%
Thallium (Tl)	0	0	0	88.1	88.1	100	88	PASS	86.2	86.2	100	86	PASS	70 - 130%
Tin (Sn)	0	0	0	104.5	104.5	100	104	PASS	107.7	107.7	100	108	PASS	65 - 140%
Titanium (Ti)	0	0	0	88.4	88.4	100	88	PASS	88.3	88.3	100	88	PASS	70 - 130%
Vanadium (V)	0	0	0	86.7	86.7	100	87	PASS	86.3	86.3	100	86	PASS	70 - 130%
Zinc (Zn)	0	0	0	94.5	94.5	100	94	PASS	93.4	93.4	100	93	PASS	50 - 150%

PRECISION DATA

CRG Marine Laboratories, Inc.

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Trace Metals

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48774	Sample Description: QAQC Procedural Blank	Date Sampled:	
Batch ID: 26152d-15082	Matrix: DI Water	Date Received:	
		Date Processed: 28-Dec-06	
		Date Analyzed: 28-Dec-06	

CONSTITUENT	FRACTION	METHOD	BS1 ng	BS2 ng	% RPD	ACCEPTANCE RANGE	COMMENT
Aluminum (Al)	Total	EPA 200.8m	93.2	93.3	0	0 - 30%	PASS
Antimony (Sb)	Total	EPA 200.8m	9.3	10.7	14	0 - 30%	PASS
Arsenic (As)	Total	EPA 200.8m	94.2	93.8	0	0 - 30%	PASS
Barium (Ba)	Total	EPA 200.8m	105.6	106	0	0 - 30%	PASS
Beryllium (Be)	Total	EPA 200.8m	80.2	80.6	0	0 - 30%	PASS
Cadmium (Cd)	Total	EPA 200.8m	10.3	10.2	1	0 - 30%	PASS
Chromium (Cr)	Total	EPA 200.8m	91.7	92.5	1	0 - 30%	PASS
Cobalt (Co)	Total	EPA 200.8m	86.5	86.8	0	0 - 30%	PASS
Copper (Cu)	Total	EPA 200.8m	89.7	90.3	1	0 - 30%	PASS
Iron (Fe)	Total	EPA 200.8m	85.6	80.7	6	0 - 30%	PASS
Lead (Pb)	Total	EPA 200.8m	87.57	87.63	0	0 - 30%	PASS
Manganese (Mn)	Total	EPA 200.8m	87.6	87.8	0	0 - 30%	PASS
Molybdenum (Mo)	Total	EPA 200.8m	99.1	100.6	2	0 - 30%	PASS
Nickel (Ni)	Total	EPA 200.8m	86.1	85.9	0	0 - 30%	PASS
Selenium (Se)	Total	EPA 200.8m	98.2	97.7	1	0 - 30%	PASS
Silver (Ag)	Total	EPA 200.8m	11.4	10.4	9	0 - 30%	PASS
Strontium (Sr)	Total	EPA 200.8m	98.5	96.9	2	0 - 30%	PASS
Thallium (Tl)	Total	EPA 200.8m	88.1	86.2	2	0 - 30%	PASS
Tin (Sn)	Total	EPA 200.8m	104.5	107.7	3	0 - 30%	PASS
Titanium (Ti)	Total	EPA 200.8m	88.4	88.3	0	0 - 30%	PASS
Vanadium (V)	Total	EPA 200.8m	86.7	86.3	0	0 - 30%	PASS
Zinc (Zn)	Total	EPA 200.8m	94.5	93.4	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
48774

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Trace Metals

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 49837 **Sample Description:** QAQC LCM-CRG Seawater
Batch ID: 26152d-15097 **Matrix:** Seawater

Date Sampled:
Date Received:
Date Processed: 02-Jan-07
Date Analyzed: 03-Jan-07

CONSTITUENT	FRACTION	METHOD	LCS1 µg/L	LCS2 µg/L	% RPD	ACCEPTANCE RANGE	COMMENT
Aluminum (Al)	Total	EPA 1640m	32	30.5	5	0 - 30%	PASS
Antimony (Sb)	Total	EPA 1640m	8.39	9.16	9	0 - 30%	PASS
Arsenic (As)	Total	EPA 1640m	19.24	19.21	0	0 - 30%	PASS
Beryllium (Be)	Total	EPA 1640m	14.92	14.86	0	0 - 30%	PASS
Cadmium (Cd)	Total	EPA 1640m	8.526	8.245	3	0 - 30%	PASS
Chromium (Cr)	Total	EPA 1640m	20.29	20.14	1	0 - 30%	PASS
Cobalt (Co)	Total	EPA 1640m	18.31	17.9	2	0 - 30%	PASS
Copper (Cu)	Total	EPA 1640m	19.38	19.48	1	0 - 30%	PASS
Iron (Fe)	Total	EPA 1640m	14.8	14.1	5	0 - 30%	PASS
Lead (Pb)	Total	EPA 1640m	15.52	15.29	1	0 - 30%	PASS
Manganese (Mn)	Total	EPA 1640m	17.78	17.72	0	0 - 30%	PASS
Mercury (Hg)	NA	EPA 245.7m	0.972	0.944	3	0 - 30%	PASS
Molybdenum (Mo)	Total	EPA 1640m	24.81	24.49	1	0 - 30%	PASS
Nickel (Ni)	Total	EPA 1640m	17.31	17.07	1	0 - 30%	PASS
Selenium (Se)	Total	EPA 1640m	16.74	16.73	0	0 - 30%	PASS
Silver (Ag)	Total	EPA 1640m	9.93	10.13	2	0 - 30%	PASS
Thallium (Tl)	Total	EPA 1640m	14.14	15.41	9	0 - 30%	PASS
Tin (Sn)	Total	EPA 1640m	17.46	18.21	4	0 - 30%	PASS
Titanium (Ti)	Total	EPA 1640m	23.69	23.28	2	0 - 30%	PASS
Vanadium (V)	Total	EPA 1640m	24.05	23.63	2	0 - 30%	PASS
Zinc (Zn)	Total	EPA 1640m	20.24	20.55	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
49837

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Trace Metals

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48775 **Sample Description:** CJ-01
Batch ID: 26152d-15082 **Matrix:** Freshwater

Date Sampled: 18-Dec-06 11:55
Date Received: 18-Dec-06
Date Processed: 28-Dec-06
Date Analyzed: 28-Dec-06

CONSTITUENT	FRACTION	METHOD	R1 µg/L	R2 µg/L	% RPD	ACCEPTANCE RANGE	COMMENT
Aluminum (Al)	Total	EPA 200.8m	65	63	3	0 - 30%	PASS
Antimony (Sb)	Total	EPA 200.8m	0.7	0.7	0	0 - 30%	PASS
Arsenic (As)	Total	EPA 200.8m	2.5	2.6	4	0 - 30%	PASS
Barium (Ba)	Total	EPA 200.8m	21.8	22.3	2	0 - 30%	PASS
Chromium (Cr)	Total	EPA 200.8m	0.9	0.8	12	0 - 30%	PASS
Cobalt (Co)	Total	EPA 200.8m	0.6	0.6	0	0 - 30%	PASS
Copper (Cu)	Total	EPA 200.8m	3.5	3.6	3	0 - 30%	PASS
Iron (Fe)	Total	EPA 200.8m	183	182	1	0 - 30%	PASS
Lead (Pb)	Total	EPA 200.8m	0.24	0.24	0	0 - 30%	PASS
Manganese (Mn)	Total	EPA 200.8m	36.7	36.8	0	0 - 30%	PASS
Molybdenum (Mo)	Total	EPA 200.8m	10.5	10.7	2	0 - 30%	PASS
Nickel (Ni)	Total	EPA 200.8m	3.7	3.8	3	0 - 30%	PASS
Selenium (Se)	Total	EPA 200.8m	2.6	2.7	4	0 - 30%	PASS
Strontium (Sr)	Total	EPA 200.8m	454.3	458.1	1	0 - 30%	PASS
Titanium (Ti)	Total	EPA 200.8m	2.9	3.1	7	0 - 30%	PASS
Vanadium (V)	Total	EPA 200.8m	7.6	7.6	0	0 - 30%	PASS
Zinc (Zn)	Total	EPA 200.8m	21.4	21.5	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.

California ELAP Certificate # 2261
48775

CRG Marine Laboratories, Inc.

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Trace Metals

Client: *Ventura Coastkeeper*

CRG Project ID: *26152d*

CRG ID#: 48777 **Sample Description:** RS-01
Batch ID: 26152d-15097 **Matrix:** Seawater

Date Sampled: 18-Dec-06 12:42
Date Received: 18-Dec-06
Date Processed: 02-Jan-07
Date Analyzed: 03-Jan-07

CONSTITUENT	FRACTION	METHOD	R1 µg/L	R2 µg/L	% RPD	ACCEPTANCE RANGE	COMMENT
Aluminum (Al)	Total	EPA 1640m	1491	1533	3	0 - 30%	PASS
Antimony (Sb)	Total	EPA 1640m	0.05	0.07	33	0 - 30%	FAIL
Arsenic (As)	Total	EPA 1640m	2.97	2.92	2	0 - 30%	PASS
Beryllium (Be)	Total	EPA 1640m	0.081	0.078	4	0 - 30%	PASS
Cadmium (Cd)	Total	EPA 1640m	0.289	0.291	1	0 - 30%	PASS
Chromium (Cr)	Total	EPA 1640m	3.85	3.93	2	0 - 30%	PASS
Cobalt (Co)	Total	EPA 1640m	1.619	1.675	3	0 - 30%	PASS
Copper (Cu)	Total	EPA 1640m	7.34	7.28	1	0 - 30%	PASS
Iron (Fe)	Total	EPA 1640m	2020.1	2045.1	1	0 - 30%	PASS
Lead (Pb)	Total	EPA 1640m	1.386	1.421	2	0 - 30%	PASS
Manganese (Mn)	Total	EPA 1640m	233.62	223.82	4	0 - 30%	PASS
Molybdenum (Mo)	Total	EPA 1640m	77.947	82.107	5	0 - 30%	PASS
Nickel (Ni)	Total	EPA 1640m	7.53	7.624	1	0 - 30%	PASS
Selenium (Se)	Total	EPA 1640m	0.21	0.23	9	0 - 30%	PASS
Silver (Ag)	Total	EPA 1640m	1.586	1.763	11	0 - 30%	PASS
Thallium (Tl)	Total	EPA 1640m	0.038	0.037	3	0 - 30%	PASS
Tin (Sn)	Total	EPA 1640m	0.019	0.021	10	0 - 30%	PASS
Titanium (Ti)	Total	EPA 1640m	86.601	85.441	1	0 - 30%	PASS
Vanadium (V)	Total	EPA 1640m	18.87	18.66	1	0 - 30%	PASS
Zinc (Zn)	Total	EPA 1640m	16.783	17.373	3	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
48777

CHAIN-OF-CUSTODY



CRG

Marine Laboratories, Inc.

SAMPLE RECEIVING

CRG Project ID

P24152d

CLIENT NAME Ventura Coastkeeper DATE RECEIVED 12.18.06

COURIER INFORMATION

<input type="checkbox"/> CRG	<input type="checkbox"/> FEDEX	TRACKING NUMBER
<input checked="" type="checkbox"/> OTHER*	<input type="checkbox"/> UPS	

TEMPERATURE

9 °C

- BLUE ICE
- WET ICE
- NO ICE

Chain-of-Custody

- INCLUDED
- SIGNED
- NOT INCLUDED

SAMPLE MATRIX

- LIQUID
- SOLID
- OTHER*

CONDITION OF SAMPLES UPON ARRIVAL

	YES	NO*	NA
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: 