

October 22, 2004

Misty Mercier
CRG Marine Laboratories, Inc.
2020 Del Amo Blvd, Ste 200
Torrance, CA 90501-1206

Subject: **Calscience Work Order No.: 04-10-0790**
Client Reference: **P24133**

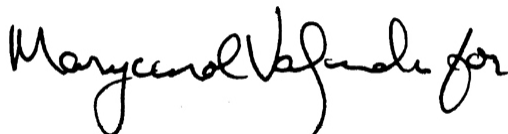
Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/14/2004 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,



Calscience Environmental
Laboratories, Inc.
Robert Stearns
Project Manager

Analytical Report

CRG Marine Laboratories, Inc.
 2020 Del Amo Blvd, Ste 200
 Torrance, CA 90501-1206

Date Received: 10/14/04
 Work Order No: 04-10-0790
 Preparation: N/A
 Method: EPA 405.1

Project: P24133

Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Started	Date Ended	QC Batch ID
STA. 1	04-10-0790-1	10/13/04	Aqueous	10/14/04	10/19/04	41014BODB1

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Biochemical Oxygen Demand	1.2	1.0	1		mg/L

STA. 2	04-10-0790-2	10/13/04	Aqueous	10/14/04	10/19/04	41014BODB1
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Biochemical Oxygen Demand	ND	1.0	1		mg/L

Method Blank	099-05-054-1,614	N/A	Aqueous	10/14/04	10/19/04	41014BODB1
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Biochemical Oxygen Demand	ND	1.0	1		mg/L

Quality Control - Duplicate



CRG Marine Laboratories, Inc.
2020 Del Amo Blvd, Ste 200
Torrance, CA 90501-1206

Date Received: 10/14/04
Work Order No: 04-10-0790
Preparation: N/A
Method: EPA 405.1

Project: P24133

Quality Control Sample ID	Matrix	Instrument	Date Started:	Date Ended:	Duplicate Batch Number
04-10-0864-1	Aqueous	BOD 1	10/14/04	10/19/04	41014BODD1

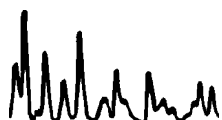
<u>Parameter</u>	<u>Sample Conc.</u>	<u>DUP Conc</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Biochemical Oxygen Demand	260	270	4	0-25	

RPD - Relative Percent Difference , CL - Control Limit

A handwritten signature in black ink, appearing to be a stylized name.

Work Order Number: 04-10-0790

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
D	The analyte concentration was reported from analysis of the diluted sample.
E	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.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



10-0790



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

TO: Calscience

Client Name CRG Marine Laboratories, Inc. Address 2020 Del Amo Blvd. Suite 200 Torrance, CA 90501										REQUESTED ANALYSIS														
Project Manager Misty B. Mercier																								
Phone 310 533 5190 x106																								
FAX 310 533 0211 (direct fax) / 310 533 5003 (main fax)																								
Email mmercier@crglabs.com																								
Project Name/Number P24133																								
P.O. Number																								
Client Sample ID	Sample Date	Sample Time	Sample Matrix*	Quantity	Container Type	BOD																		
1 STA. 1	10/13/2004	09:50	FW	1	HDP E glass C.V.	X																		
2 STA. 2	10/13/2004	12:00	FW	1	HDP E glass C.V.	X																		
3																								
4																								
5																								
6																								
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:																								
page 1 of 1																								
2 samples total																								
please email pdf report to mmercier@crglabs.com																								
Signature:										Signature: <i>mf-cf</i>														
Print:										Print: MARION CONTRERAS														
Company:										Company:														
DATE:										DATE: 10/14/04														
TIME:										TIME: 10:56														
RECEIVED BY										RECEIVED BY														
DATE: 10/14/04										DATE: 10/14/04														
TIME: 10:56										TIME: 10:56														

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

WORK ORDER #:

04 - 10 - 0790

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: CRG MARINE LAB. INC

DATE: 10/14/04

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- ☐ Chilled, cooler with temperature blank provided.
☐ Chilled, cooler without temperature blank.
☐ Chilled and placed in cooler with wet ice.
☐ Ambient and placed in cooler with wet ice.
☐ Ambient temperature.
☐ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- ☐ °C Temperature blank.
3.4 °C IR thermometer.
☐ Ambient temperature.

Initial: mc

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ☒

Initial: mc

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with custody papers.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on sample label(s).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VOA vial(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Initial: mc

COMMENTS:
