

March 29, 2005

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

Subject: **Calscience Work Order No.: 05-03-1296**
Client Reference: **P2574**


Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/21/2005 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.
Jason Torres
Project Manager

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

Date Received: 03/21/05
 Work Order No: 05-03-1296

Project: P2574

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Client Sample Number	Lab Sample Number	Date Collected	Matrix
STA 1	05-03-1296-1	03/19/05	Aqueous

Comment(s): (1) Sample received after recommended holding time.

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Total Kjeldahl Nitrogen	2.0	0.5	1		mg/L	N/A	03/24/05	EPA 351.3
Biochemical Oxygen Demand (1)	20	1	1		mg/L	03/21/05	03/21/05	EPA 405.1

STA 2	05-03-1296-2	03/19/05	Aqueous
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Comment(s): (1) Sample received after recommended holding time.

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Total Kjeldahl Nitrogen	2.2	0.5	1		mg/L	N/A	03/24/05	EPA 351.3
Biochemical Oxygen Demand (1)	22	1	1		mg/L	03/21/05	03/21/05	EPA 405.1

Method Blank	N/A	Aqueous
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Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Total Kjeldahl Nitrogen	ND	0.50	1		mg/L	N/A	03/24/05	EPA 351.3
Biochemical Oxygen Demand	ND	0.50	1		mg/L	03/21/05	03/21/05	EPA 405.1

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Torrance, CA 90501-1206

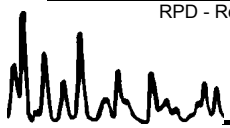
Date Received: 03/21/05
Work Order No: 05-03-1296

Project: P2574

Matrix: Aqueous

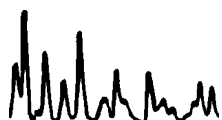
<u>Parameter</u>	<u>Method</u>	<u>QC Sample ID</u>	<u>Date Analyzed</u>	<u>Sample Conc</u>	<u>DUP Conc</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Total Kjeldahl Nitrogen	EPA 351.3	05-03-1463-1	03/24/05	110	110	3	0-25	
Biochemical Oxygen Demand	EPA 405.1	STA 1	03/21/05	20	20	0	0-25	

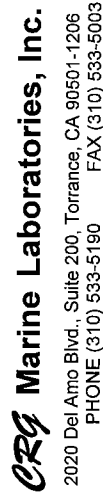
RPD - Relative Percent Difference , CL - Control Limit



Work Order Number: 05-03-1296

<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.
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.





CHAIN-OF-CUSTODY RECORD

TO: CALSCIENCE

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

Client Name	CRG Marine Laboratories, Inc.
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Address 2020 Del Amo Blvd. Suite 200

Torrance, CA 90501

Sampled By

Project Manager	Misty Mercier
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Phone	310 533 5190 x106
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FAX	310 533 0211 (direct fax) / 310 533 5003 (main fax)
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Email mmercier@crglabs.com

Project Name/Number	P2574
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Client Sample ID	Sample Date	Sample Time	Sample Matrix*	Container		TKN	BOD			
				Quantity	Type					
1 STA 1	19-Mar-05	N/A	Strmmw	2	Amber/HDPE	X	X			
2 STA 2	19-Mar-05	N/A	Strmmw	3	Amber/HDPE	X	X			
3										
4										
5										
6										
7										
8										
9										
10							/			

Correct Containers:

Sample Temperature:

Sample Preservative:

Turnaround Time:	STD	Specify:
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Report Format: pdf

Comments:

page 1 of 1

2 samples total

[please email pdf report to mmmercier@craqlabs.com](mailto:mmmercier@craqlabs.com)

DATE:	3/21/05	TIME:	12:08
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*MATRIX CODES: (SED = Sediment); (TISS = Tissue); (SW = Seawater, Saltwater); (FW = Freshwater); (WW = Wastewater); (STRWW = Stormwater)

WORK ORDER #:

05 - 03 - 1296

Cooler 0 of 0

SAMPLE RECEIPT FORM

CLIENT: ERG

DATE: 3/21/05

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.
☐ °C IR thermometer.
☒ Ambient temperature.

Initial: VL

CUSTODY SEAL INTACT:

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

Initial: VL

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: VL

COMMENTS:
