

June 22, 2005

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

Subject: **CalScience Work Order No.: 05-06-0749**
Client Reference: 2574b

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/10/2005 and analyzed in accordance with the attached chain-of-custody.

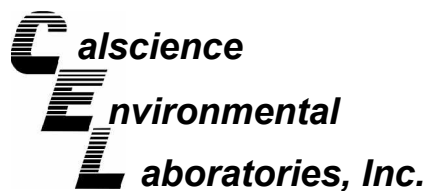
Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows 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,

A handwritten signature in black ink, appearing to read 'Jason Torres', is written over a horizontal line.

CalScience Environmental
Laboratories, Inc.
Jason Torres
Project Manager



Analytical Report



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

Date Received: 06/10/05
Work Order No: 05-06-0749

Project: 2574b

Page 1 of 1

| Client Sample Number | Lab Sample Number | Date Collected | Matrix |
|----------------------|-------------------|----------------|---------|
| Rainbow 1 UP | 05-06-0749-1 | 06/08/05 | Aqueous |

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

| Parameter | Result | RL | DF | Qual | Units | Date Started | Date Ended | Method |
|-------------------------------|--------|-----|----|------|-------|--------------|------------|-----------|
| Biochemical Oxygen Demand (1) | 3.2 | 1.0 | 1 | | mg/L | 06/10/05 | 06/15/05 | EPA 405.1 |

| | | | |
|----------------|--------------|----------|---------|
| Rainbow 2 Down | 05-06-0749-2 | 06/08/05 | Aqueous |
|----------------|--------------|----------|---------|

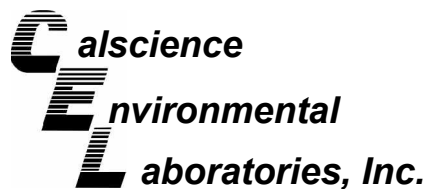
Comment(s): (1) Sample received after recommended holding time.

| Parameter | Result | RL | DF | Qual | Units | Date Started | Date Ended | Method |
|-------------------------------|--------|-----|----|------|-------|--------------|------------|-----------|
| Biochemical Oxygen Demand (1) | 6.9 | 1.0 | 1 | | mg/L | 06/10/05 | 06/15/05 | EPA 405.1 |

| | | |
|--------------|-----|---------|
| Method Blank | N/A | Aqueous |
|--------------|-----|---------|

| Parameter | Result | RL | DF | Qual | Units | Date Started | Date Ended | Method |
|---------------------------|--------|-----|----|------|-------|--------------|------------|-----------|
| Biochemical Oxygen Demand | ND | 1.0 | 1 | | mg/L | 06/10/05 | 06/15/05 | EPA 405.1 |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Duplicate



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

Date Received: N/A
Work Order No: 05-06-0749

Project: 2574b

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> |
|---------------------------|---------------|---------------------|----------------------|--------------------|-----------------|------------|---------------|-------------------|
| Biochemical Oxygen Demand | EPA 405.1 | Rainbow 2 Down | 06/15/05 | 6.9 | 6.9 | 0 | 0-25 | |

RPD - Relative Percent Difference , CL - Control Limit

A handwritten signature in black ink, appearing to be 'M. J. ...'.

Glossary of Terms and Qualifiers



Work Order Number: 05-06-0749

| <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

CRG Marine Laboratories, Inc.

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

To: Calscience

REQUESTED ANALYSIS

Client Name
Address

CRG Marine Laboratories, Inc.
2020 Del Amo Blvd. Suite 200
Torrance, CA 90501

Sampled By

Project Manager

Phone

FAX

Email

Project Name/Number

Client Sample ID

Sample Date

Sample Time

Sample Matrix*

Quantity

Container Type

1
2
3
4
5
6
7
8
9
10

Rainbow 1 UP
Rainbow 2 Down

08-Jun-05
08-Jun-05

12:00 PM
12:00

Water
Water

1
1

Amber
Amber

X
X

BOD EPA 405.1

Correct Containers: Yes
Sample Temperature: Ambient
Sample Preservative: Yes
Turnaround Time: STD
Report Format: pdf

No
Cold
No
Specify:
EDD

No
Warm
hardcopy

Comments:

page 1 of 1
2 sample total

please email pdf report to mmercier@crglabs.com

RELINQUISHED BY

Signature:

Print:

Company:

DATE:

TIME:

RECEIVED BY

Signature:

Print:

Company:

DATE:

TIME:

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

WORK ORDER #: 05 - 06 - 07 4 9

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: ERG

DATE: 6/10/05

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.
5.1 °C IR thermometer.
☐ Ambient temperature.

Initial: NC

CUSTODY SEAL INTACT:

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

Initial: NC

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: NC

COMMENTS:

