



CRG

Marine Laboratories, Inc.

2020 Del Amo Blvd. Suite 200, Torrance, CA 90501 • (310) 533-5190 • FAX (310) 533-5003 • mmercier@crqlabs.com

April 18, 2005

MACTEC Engineering and Consulting
9177 Sky Park Court, Suite A
San Diego, CA 92123

Re: CRG Project ID: P2574
MACTEC: Rainbow Creek Project

ATTN: Mr. Jay Shrake

CRG Laboratories is pleased to provide you with the enclosed analytical data report for your Rainbow Creek Project. According to the chain-of-custody, 2 samples were received intact and cool at CRG on March 20, 2005. Per your instructions, the samples were analyzed for:

- Dissolved Trace Metals By ICPMS Using EPA 200.8
- Ammonia Using SM 4500-NH3 F
- Nitrate-N Using SM 4500-NO3 E
- Nitrite-N Using SM 4500-NO2 B
- Total Dissolved Solids Using SM 2450-C
- Total Hardness as CaCO₃ Using SM 2340-B
- Total & Dissolved Phosphorus Using SM 4500-P C
- Total Suspended Solids Using SM 2540-D
- Turbidity Using EPA Method 180.1

TKN and BOD analyses were sub-contracted to another laboratory, results are included.

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 B, Mercier
Project Manager

Reviewed and Approved _____

DATA REPORT

GENERAL CHEMISTRY RESULTS

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: MACTEC

CRG Project ID: 2574

CRG ID#: 23497

Sample Description: STA 1
Rainbow Creek TMDL

Date Sampled: 19-Mar-05 18:00

Replicate #: R1

Date Received: 20-Mar-05

Batch ID: 2574-2574

Matrix: Stormwater
Analyst: C. Raubach

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DILUTION FACTOR	DATE PROCESSED	DATE ANALYZED
Ammonia-N	Total	SM 4500-NH3 F	0.23	mg/L	0.01	0.05	1	21-Mar-05	21-Mar-05
Nitrate-N	Total	SM 4500-NO3 E	3.21	mg/L	0.02	0.05	1	20-Mar-05	20-Mar-05
Nitrite-N	Total	SM 4500-NO2 B	0.13	mg/L	0.02	0.05	1	20-Mar-05	20-Mar-05
Total Dissolved Solids	Total	SM 2540 C	330	mg/L	0.1	0.2	1	21-Mar-05	21-Mar-05
Total Hardness as CaCO3	Total	SM 2340 B	128	mg/L	1	5	1	12-Apr-05	15-Apr-05
Total Phosphorus	Total	SM 4500-P C	ND	mg/L	0.016	0.05	1	21-Mar-05	21-Mar-05
Total Phosphorus	Dissolved	SM 4500-P C	ND	mg/L	0.016	0.05	1	21-Mar-05	21-Mar-05
Total Suspended Solids	Total	SM 2540 D	320	mg/L	0.5	0.5	1	18-Mar-05	18-Mar-05
Turbidity	Total	EPA 180.1	33.9	NTU	1	2	1	21-Mar-05	21-Mar-05

MDL= Method Detection Limit (CFR 40 Part 136); RL= Minimum Level (SWRCB); E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; NPW= No Pore Water

California ELAP Certificate # 2261

23497

R1

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: **MACTEC**

CRG Project ID: **2574**

CRG ID#: **23497**

Sample STA 1

Date Sampled: 19-Mar-05 18:00

Replicate #: R2

Description: Rainbow Creek TMDL

Date Received: 20-Mar-05

Batch ID: 2574-2574

Matrix: Stormwater

Analyst: T. Juma

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DILUTION FACTOR	DATE PROCESSED	DATE ANALYZED
Nitrate-N	Total	SM 4500-NO3 E	2.8	mg/L	0.02	0.05	1	20-Mar-05	20-Mar-05
Nitrite-N	Total	SM 4500-NO2 B	0.09	mg/L	0.02	0.05	1	20-Mar-05	20-Mar-05
Total Hardness as CaCO3	Total	SM 2340 B	128	mg/L	1	5	1	12-Apr-05	15-Apr-05

MDL= Method Detection Limit (CFR 40 Part 136); RL= Minimum Level (SWRCB); E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; NPW= No Pore Water

California ELAP Certificate # 2261

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R2

CRG Marine Laboratories, Inc.

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General Chemistry

Client: MACTEC

CRG Project ID: 2574

CRG ID#: 23498

Sample Description: STA 2
Rainbow Creek TMDL

Date Sampled: 19-Mar-05 23:00

Replicate #: R1

Date Received: 20-Mar-05

Batch ID: 2574-2574

Matrix: Stormwater
Analyst: C. Raubach

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DILUTION FACTOR	DATE PROCESSED	DATE ANALYZED
Ammonia-N	Total	SM 4500-NH3 F	0.08	mg/L	0.01	0.05	1	21-Mar-05	21-Mar-05
Nitrate-N	Total	SM 4500-NO3 E	7.6	mg/L	0.02	0.05	1	20-Mar-05	20-Mar-05
Nitrite-N	Total	SM 4500-NO2 B	ND	mg/L	0.02	0.05	1	20-Mar-05	20-Mar-05
Total Dissolved Solids	Total	SM 2540 C	500	mg/L	0.1	0.2	1	21-Mar-05	21-Mar-05
Total Hardness as CaCO3	Total	SM 2340 B	195	mg/L	1	5	1	12-Apr-05	15-Apr-05
Total Phosphorus	Total	SM 4500-P C	ND	mg/L	0.016	0.05	1	21-Mar-05	21-Mar-05
Total Phosphorus	Dissolved	SM 4500-P C	ND	mg/L	0.016	0.05	1	21-Mar-05	21-Mar-05
Total Suspended Solids	Total	SM 2540 D	173	mg/L	0.5	0.5	1	18-Mar-05	18-Mar-05
Turbidity	Total	EPA 180.1	50.2	NTU	1	2	1	21-Mar-05	21-Mar-05

MDL= Method Detection Limit (CFR 40 Part 136); RL= Minimum Level (SWRCB); E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; NPW= No Pore Water

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R1

CRG Marine Laboratories, Inc.

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General Chemistry

Client: **MACTEC**

CRG Project ID: **2574**

CRG ID#: **23498**

Sample STA 2

Date Sampled: 19-Mar-05 23:00

Replicate #: R2

Description: Rainbow Creek TMDL

Date Received: 20-Mar-05

Batch ID: 2574-2574

Matrix: Stormwater

Analyst: T. Juma

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DILUTION FACTOR	DATE PROCESSED	DATE ANALYZED
Nitrate-N	Total	SM 4500-NO3 E	7.8	mg/L	0.02	0.05	1	20-Mar-05	20-Mar-05
Nitrite-N	Total	SM 4500-NO2 B	E 0.032	mg/L	0.02	0.05	1	20-Mar-05	20-Mar-05
Total Hardness as CaCO3	Total	SM 2340 B	195	mg/L	1	5	1	12-Apr-05	15-Apr-05
Turbidity	Total	EPA 180.1	50	NTU	1	2	1	21-Mar-05	21-Mar-05

MDL= Method Detection Limit (CFR 40 Part 136); RL= Minimum Level (SWRCB); E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; NPW= No Pore Water

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23498

R2

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: MACTEC

CRG Project ID: 2574

CRG ID#: 23497	Sample STA 1	Date Sampled: 19-Mar-05 18:00
Replicate #: R1	Description: Rainbow Creek TMDL	Date Received: 20-Mar-05
Batch ID: 2574-11111	Matrix: Stormwater	Date Processed: 12-Apr-05
Instrument: ICPMS #1 HP 4500	Analyst: P. Hershelman	Date Analyzed: 15-Apr-05

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DILUTION FACTOR	ACCEPTANCE RANGE
Aluminum (Al)	Dissolved	EPA 200.8	80.9	µg/L	1	5	1	NA
Antimony (Sb)	Dissolved	EPA 200.8	E 0.16	µg/L	0.1	0.5	1	NA
Arsenic (As)	Dissolved	EPA 200.8	1.25	µg/L	0.1	0.5	1	NA
Barium (Ba)	Dissolved	EPA 200.8	36.1	µg/L	0.1	0.5	1	NA
Beryllium (Be)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Cadmium (Cd)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.2	1	NA
Chromium (Cr)	Dissolved	EPA 200.8	0.8	µg/L	0.1	0.5	1	NA
Cobalt (Co)	Dissolved	EPA 200.8	E 0.36	µg/L	0.1	0.5	1	NA
Copper (Cu)	Dissolved	EPA 200.8	4.59	µg/L	0.1	0.5	1	NA
Iron (Fe)	Dissolved	EPA 200.8	449	µg/L	1	5	1	NA
Lead (Pb)	Dissolved	EPA 200.8	0.1	µg/L	0.05	0.01	1	NA
Manganese (Mn)	Dissolved	EPA 200.8	27.7	µg/L	0.1	0.5	1	NA
Mercury (Hg)	Dissolved	EPA 1631	ND	µg/L	1	5	1	NA
Molybdenum (Mo)	Dissolved	EPA 200.8	3.11	µg/L	0.1	0.5	1	NA
Nickel (Ni)	Dissolved	EPA 200.8	2.38	µg/L	0.1	0.5	1	NA
Selenium (Se)	Dissolved	EPA 200.8	0.58	µg/L	0.1	0.5	1	NA
Silver (Ag)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.2	1	NA
Strontium (Sr)	Dissolved	EPA 200.8	264	µg/L	0.5	1	1	NA
Thallium (Tl)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Tin (Sn)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Titanium (Ti)	Dissolved	EPA 200.8	5.2	µg/L	0.1	0.5	1	NA
Vanadium (V)	Dissolved	EPA 200.8	2.09	µg/L	0.1	0.5	1	NA
Zinc (Zn)	Dissolved	EPA 200.8	18.8	µg/L	0.1	0.5	1	NA

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

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23497

R1

CRG Marine Laboratories, Inc.

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Trace Metals

Client: MACTEC

CRG Project ID: 2574

CRG ID#: 23497	Sample STA 1	Date Sampled: 19-Mar-05 18:00
Replicate #: R2	Description: Rainbow Creek TMDL	Date Received: 20-Mar-05
Batch ID: 2574-11111	Matrix: Stormwater	Date Processed: 12-Apr-05
Instrument: ICPMS #1 HP 4500	Analyst: P. Hershelman	Date Analyzed: 15-Apr-05

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DILUTION FACTOR	ACCEPTANCE RANGE
Aluminum (Al)	Dissolved	EPA 200.8	80.6	µg/L	1	5	1	NA
Antimony (Sb)	Dissolved	EPA 200.8	E 0.1	µg/L	0.1	0.5	1	NA
Arsenic (As)	Dissolved	EPA 200.8	1.21	µg/L	0.1	0.5	1	NA
Barium (Ba)	Dissolved	EPA 200.8	35.8	µg/L	0.1	0.5	1	NA
Beryllium (Be)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Cadmium (Cd)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.2	1	NA
Chromium (Cr)	Dissolved	EPA 200.8	0.85	µg/L	0.1	0.5	1	NA
Cobalt (Co)	Dissolved	EPA 200.8	E 0.36	µg/L	0.1	0.5	1	NA
Copper (Cu)	Dissolved	EPA 200.8	4.54	µg/L	0.1	0.5	1	NA
Iron (Fe)	Dissolved	EPA 200.8	453	µg/L	1	5	1	NA
Lead (Pb)	Dissolved	EPA 200.8	0.11	µg/L	0.05	0.01	1	NA
Manganese (Mn)	Dissolved	EPA 200.8	25.3	µg/L	0.1	0.5	1	NA
Mercury (Hg)	Dissolved	EPA 1631	ND	µg/L	1	5	1	NA
Molybdenum (Mo)	Dissolved	EPA 200.8	3.15	µg/L	0.1	0.5	1	NA
Nickel (Ni)	Dissolved	EPA 200.8	2.34	µg/L	0.1	0.5	1	NA
Selenium (Se)	Dissolved	EPA 200.8	0.66	µg/L	0.1	0.5	1	NA
Silver (Ag)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.2	1	NA
Strontium (Sr)	Dissolved	EPA 200.8	259	µg/L	0.5	1	1	NA
Thallium (Tl)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Tin (Sn)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Titanium (Ti)	Dissolved	EPA 200.8	5.33	µg/L	0.1	0.5	1	NA
Vanadium (V)	Dissolved	EPA 200.8	2.05	µg/L	0.1	0.5	1	NA
Zinc (Zn)	Dissolved	EPA 200.8	18.4	µg/L	0.1	0.5	1	NA

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

California ELAP Certificate # 2261

23497

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: MACTEC

CRG Project ID: 2574

CRG ID#: 23498	Sample STA 2	Date Sampled: 19-Mar-05 23:00
Replicate #: R1	Description: Rainbow Creek TMDL	Date Received: 20-Mar-05
Batch ID: 2574-11111	Matrix: Stormwater	Date Processed: 12-Apr-05
Instrument: ICPMS #1 HP 4500	Analyst: P. Hershelman	Date Analyzed: 15-Apr-05

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DILUTION FACTOR	ACCEPTANCE RANGE
Aluminum (Al)	Dissolved	EPA 200.8	86	µg/L	1	5	1	NA
Antimony (Sb)	Dissolved	EPA 200.8	E 0.1	µg/L	0.1	0.5	1	NA
Arsenic (As)	Dissolved	EPA 200.8	1.26	µg/L	0.1	0.5	1	NA
Barium (Ba)	Dissolved	EPA 200.8	49.2	µg/L	0.1	0.5	1	NA
Beryllium (Be)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Cadmium (Cd)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.2	1	NA
Chromium (Cr)	Dissolved	EPA 200.8	0.97	µg/L	0.1	0.5	1	NA
Cobalt (Co)	Dissolved	EPA 200.8	E 0.45	µg/L	0.1	0.5	1	NA
Copper (Cu)	Dissolved	EPA 200.8	3.67	µg/L	0.1	0.5	1	NA
Iron (Fe)	Dissolved	EPA 200.8	649	µg/L	1	5	1	NA
Lead (Pb)	Dissolved	EPA 200.8	0.09	µg/L	0.05	0.01	1	NA
Manganese (Mn)	Dissolved	EPA 200.8	6.85	µg/L	0.1	0.5	1	NA
Mercury (Hg)	Dissolved	EPA 1631	ND	µg/L	1	5	1	NA
Molybdenum (Mo)	Dissolved	EPA 200.8	3.28	µg/L	0.1	0.5	1	NA
Nickel (Ni)	Dissolved	EPA 200.8	3	µg/L	0.1	0.5	1	NA
Selenium (Se)	Dissolved	EPA 200.8	1.14	µg/L	0.1	0.5	1	NA
Silver (Ag)	Dissolved	EPA 200.8	E 0.1	µg/L	0.1	0.2	1	NA
Strontium (Sr)	Dissolved	EPA 200.8	345	µg/L	0.5	1	1	NA
Thallium (Tl)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Tin (Sn)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Titanium (Ti)	Dissolved	EPA 200.8	5.36	µg/L	0.1	0.5	1	NA
Vanadium (V)	Dissolved	EPA 200.8	6.25	µg/L	0.1	0.5	1	NA
Zinc (Zn)	Dissolved	EPA 200.8	8.43	µg/L	0.1	0.5	1	NA

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

California ELAP Certificate # 2261

23498

R1

CRG Marine Laboratories, Inc.

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Trace Metals

Client: MACTEC

CRG Project ID: 2574

CRG ID#: 23498	Sample STA 2	Date Sampled: 19-Mar-05 23:00
Replicate #: R2	Description: Rainbow Creek TMDL	Date Received: 20-Mar-05
Batch ID: 2574-11111	Matrix: Stormwater	Date Processed: 12-Apr-05
Instrument: ICPMS #1 HP 4500	Analyst: P. Hershelman	Date Analyzed: 15-Apr-05

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DILUTION FACTOR	ACCEPTANCE RANGE
Aluminum (Al)	Dissolved	EPA 200.8	91.5	µg/L	1	5	1	NA
Antimony (Sb)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Arsenic (As)	Dissolved	EPA 200.8	1.29	µg/L	0.1	0.5	1	NA
Barium (Ba)	Dissolved	EPA 200.8	49.2	µg/L	0.1	0.5	1	NA
Beryllium (Be)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Cadmium (Cd)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.2	1	NA
Chromium (Cr)	Dissolved	EPA 200.8	0.99	µg/L	0.1	0.5	1	NA
Cobalt (Co)	Dissolved	EPA 200.8	E 0.46	µg/L	0.1	0.5	1	NA
Copper (Cu)	Dissolved	EPA 200.8	3.66	µg/L	0.1	0.5	1	NA
Iron (Fe)	Dissolved	EPA 200.8	653	µg/L	1	5	1	NA
Lead (Pb)	Dissolved	EPA 200.8	0.11	µg/L	0.05	0.01	1	NA
Manganese (Mn)	Dissolved	EPA 200.8	6.83	µg/L	0.1	0.5	1	NA
Mercury (Hg)	Dissolved	EPA 1631	ND	µg/L	1	5	1	NA
Molybdenum (Mo)	Dissolved	EPA 200.8	3.37	µg/L	0.1	0.5	1	NA
Nickel (Ni)	Dissolved	EPA 200.8	2.95	µg/L	0.1	0.5	1	NA
Selenium (Se)	Dissolved	EPA 200.8	1.16	µg/L	0.1	0.5	1	NA
Silver (Ag)	Dissolved	EPA 200.8	E 0.1	µg/L	0.1	0.2	1	NA
Strontium (Sr)	Dissolved	EPA 200.8	345	µg/L	0.5	1	1	NA
Thallium (Tl)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Tin (Sn)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Titanium (Ti)	Dissolved	EPA 200.8	5.25	µg/L	0.1	0.5	1	NA
Vanadium (V)	Dissolved	EPA 200.8	6.27	µg/L	0.1	0.5	1	NA
Zinc (Zn)	Dissolved	EPA 200.8	8.25	µg/L	0.1	0.5	1	NA

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

California ELAP Certificate # 2261

23498

R2

QUALITY CONTROL REPORT

PROCEDURAL BLANK RESULTS

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: MACTEC

CRG Project ID: 2574

CRG ID#: 23496

Replicate #: B1

Batch ID: 2574-2574

Sample Description: QAQC
Rainbow Creek TMDL

Procedural Blank

Date Sampled:

Date Received:

Matrix: DI Water
Analyst: C. Raubach

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DILUTION FACTOR	DATE PROCESSED	DATE ANALYZED
Ammonia-N	Total	SM 4500-NH3 F	ND	mg/L	0.01	0.05	1	21-Mar-05	21-Mar-05
Nitrate-N	Total	SM 4500-NO3 E	ND	mg/L	0.02	0.05	1	20-Mar-05	20-Mar-05
Nitrite-N	Total	SM 4500-NO2 B	ND	mg/L	0.02	0.05	1	20-Mar-05	20-Mar-05
Total Dissolved Solids	Total	SM 2540 C	ND	mg/L	0.1	0.2	1	21-Mar-05	21-Mar-05
Total Hardness as CaCO3	Total	SM 2340 B	ND	mg/L	1	5	1	12-Apr-05	15-Apr-05
Total Phosphorus	Total	SM 4500-P C	ND	mg/L	0.016	0.05	1	21-Mar-05	21-Mar-05
Total Phosphorus	Dissolved	SM 4500-P C	ND	mg/L	0.016	0.05	1	21-Mar-05	21-Mar-05
Total Suspended Solids	Total	SM 2540 D	ND	mg/L	0.5	0.5	1	18-Mar-05	18-Mar-05
Turbidity	Total	EPA 180.1	ND	NTU	1	2	1	21-Mar-05	21-Mar-05

MDL= Method Detection Limit (CFR 40 Part 136); RL= Minimum Level (SWRCB); E= Estimated Value below the RL and above the MDL; ND= Not Detected; NA= Not Applicable; NPW= No Pore Water

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23496

B1

CRG Marine Laboratories, Inc.

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Trace Metals

Client: MACTEC

CRG Project ID: 2574

CRG ID#: 23496	Sample QAQC	Procedural Blank	Date Sampled:
Replicate #: B1	Description: Rainbow Creek TMDL		Date Received:
Batch ID: 2574-11111	Matrix: DI Water		Date Processed: 12-Apr-05
Instrument: ICPMS #1 HP 4500	Analyst: P. Hershelman		Date Analyzed: 15-Apr-05

CONSTITUENT	FRACTION	METHOD	RESULT	UNITS	MDL	RL	DILUTION FACTOR	ACCEPTANCE RANGE
Aluminum (Al)	Dissolved	EPA 200.8	ND	µg/L	1	5	1	NA
Antimony (Sb)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Arsenic (As)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Barium (Ba)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Beryllium (Be)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Cadmium (Cd)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.2	1	NA
Chromium (Cr)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Cobalt (Co)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Copper (Cu)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Iron (Fe)	Dissolved	EPA 200.8	ND	µg/L	1	5	1	NA
Lead (Pb)	Dissolved	EPA 200.8	ND	µg/L	0.05	0.01	1	NA
Manganese (Mn)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Mercury (Hg)	Dissolved	EPA 1631	ND	µg/L	1	5	1	NA
Molybdenum (Mo)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Nickel (Ni)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Selenium (Se)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Silver (Ag)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.2	1	NA
Strontium (Sr)	Dissolved	EPA 200.8	ND	µg/L	0.5	1	1	NA
Thallium (Tl)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Tin (Sn)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Titanium (Ti)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Vanadium (V)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA
Zinc (Zn)	Dissolved	EPA 200.8	ND	µg/L	0.1	0.5	1	NA

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

California ELAP Certificate # 2261

23496

B1

ACCURACY DATA

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: **MACTEC**

CRG Project ID: **2574**

CRG ID#: **23496**

Sample QAQC

Procedural Blank

Date Sampled:

Replicate #: BS1

Description: Rainbow Creek TMDL

Date Received:

Batch ID: 2574-2574

Matrix: DI Water

Date Processed: 21-Mar-05

Instrument:

Analyst: C. Raubach

Date Analyzed: 21-Mar-05

CONSTITUENT	FRACTION	METHOD	% RECOVERY	TRUE VALUE	ACCEPTANCE RANGE	COMMENT
Ammonia-N	Total	SM 4500-NH3 F	104	0.25 mg/L	70 - 130%	PASS
Nitrate-N	Total	SM 4500-NO3 E	98	0.5 mg/L	70 - 130%	PASS
Nitrite-N	Total	SM 4500-NO2 B	106	0.5 mg/L	70 - 130%	PASS
Total Dissolved Solids	Total	SM 2540 C	101	250 mg/L	70 - 130%	PASS
Total Phosphorus	Total	SM 4500-P C	102	25 mg/L	70 - 130%	PASS
Total Phosphorus	Dissolved	SM 4500-P C	102	25 mg/L	70 - 130%	PASS

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

California ELAP Certificate # 2261

23496 BS1

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: **MACTEC**

CRG Project ID: **2574**

CRG ID#: 23496
Replicate #: BS2
Batch ID: 2574-2574
Instrument:

Sample QAQC
Description: Rainbow Creek TMDL
Matrix: DI Water
Analyst: C. Raubach

Procedural Blank

Date Sampled:
Date Received:
Date Processed: 21-Mar-05
Date Analyzed: 21-Mar-05

CONSTITUENT	FRACTION	METHOD	% RECOVERY	TRUE VALUE	ACCEPTANCE RANGE	COMMENT
Ammonia-N	Total	SM 4500-NH3 F	108	0.25 mg/L	70 - 130%	PASS
Nitrate-N	Total	SM 4500-NO3 E	102	0.5 mg/L	70 - 130%	PASS
Nitrite-N	Total	SM 4500-NO2 B	105	0.5 mg/L	70 - 130%	PASS
Total Dissolved Solids	Total	SM 2540 C	100	700 mg/L	70 - 130%	PASS
Total Phosphorus	Total	SM 4500-P C	101	25 mg/L	70 - 130%	PASS
Total Phosphorus	Dissolved	SM 4500-P C	101	25 mg/L	70 - 130%	PASS

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

California ELAP Certificate # 2261
23496 BS2

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: **MACTEC**

CRG Project ID: **2574**

CRG ID#: **23498**

Sample STA 2

Date Sampled: 19-Mar-05 23:00

Replicate #: MS1

Description: Rainbow Creek TMDL

Date Received: 20-Mar-05

Batch ID: 2574-2574

Matrix: Stormwater

Date Processed: 21-Mar-05

Instrument:

Analyst: C. Raubach

Date Analyzed: 21-Mar-05

CONSTITUENT	FRACTION	METHOD	% RECOVERY	TRUE VALUE	ACCEPTANCE RANGE	COMMENT
Total Phosphorus	Total	SM 4500-P C	94	25 mg/L	70 - 130%	PASS
Total Phosphorus	Dissolved	SM 4500-P C	94	25 mg/L	70 - 130%	PASS

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

California ELAP Certificate # 2261

23498 MS1

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: **MACTEC**

CRG Project ID: **2574**

CRG ID#: **23498**

Sample STA 2

Date Sampled: 19-Mar-05 23:00

Replicate #: MS2

Description: Rainbow Creek TMDL

Date Received: 20-Mar-05

Batch ID: 2574-2574

Matrix: Stormwater

Date Processed: 21-Mar-05

Instrument:

Analyst: C. Raubach

Date Analyzed: 21-Mar-05

CONSTITUENT	FRACTION	METHOD	% RECOVERY	TRUE VALUE	ACCEPTANCE RANGE	COMMENT
Total Phosphorus	Total	SM 4500-P C	99	25 mg/L	70 - 130%	PASS
Total Phosphorus	Dissolved	SM 4500-P C	92	25 mg/L	70 - 130%	PASS

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

California ELAP Certificate # 2261

23498 MS2

PRECISION DATA

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: **MACTEC**

CRG Project ID: **2574**

CRG ID#: **23497**

Sample Description: STA 1
Rainbow Creek TMDL

Date Sampled: 19-Mar-05 18:00

Date Received: 20-Mar-05

Batch ID: 2574-2574

Matrix: Stormwater

Date Processed: 20-Mar-05

Instrument:

Analyst: T. Juma

Date Analyzed: 20-Mar-05

CONSTITUENT	FRACTION	METHOD	R1 mg/L	R2 mg/L	% RPD	ACCEPTANCE RANGE	COMMENT
Nitrate-N	Total	SM 4500-NO3 E	3.21	2.8	14	0 - 30%	PASS
Nitrite-N	Total	SM 4500-NO2 B	0.13	0.09	36	0 - 30%	FAIL
Total Hardness as CaCO3	Total	SM 2340 B	128	128	0	0 - 30%	PASS

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

California ELAP Certificate # 2261
23497

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: **MACTEC**

CRG Project ID: **2574**

CRG ID#: **23498**

Sample Description: STA 2
Rainbow Creek TMDL

Date Sampled: 19-Mar-05 23:00

Date Received: 20-Mar-05

Batch ID: 2574-2574

Matrix: Stormwater

Date Processed: 20-Mar-05

Instrument:

Analyst: T. Juma

Date Analyzed: 20-Mar-05

CONSTITUENT	FRACTION	METHOD	R1 mg/L	R2 mg/L	% RPD	ACCEPTANCE RANGE	COMMENT
Nitrate-N	Total	SM 4500-NO3 E	7.6	7.8	3	0 - 30%	PASS
Total Hardness as CaCO3	Total	SM 2340 B	195	195	0	0 - 30%	PASS
Turbidity	Total	EPA 180.1	50.2	50	0	0 - 30%	PASS

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

California ELAP Certificate # 2261
23498

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: **MACTEC**

CRG Project ID: **2574**

CRG ID#: **23496**

Sample Description: QAQC
Rainbow Creek TMDL

Procedural Blank

Date Sampled:

Date Received:

Batch ID: 2574-2574

Matrix: DI Water

Date Processed: 21-Mar-05

Instrument:

Analyst: C. Raubach

Date Analyzed: 21-Mar-05

CONSTITUENT	FRACTION	METHOD	BS1	BS2	% RPD	ACCEPTANCE RANGE	COMMENT
			% Recovery	% Recovery			
Ammonia-N	Total	SM 4500-NH3 F	104	108	4	0 - 30%	PASS
Nitrate-N	Total	SM 4500-NO3 E	98	102	4	0 - 30%	PASS
Nitrite-N	Total	SM 4500-NO2 B	106	105	1	0 - 30%	PASS
Total Dissolved Solids	Total	SM 2540 C	101	100	1	0 - 30%	PASS
Total Phosphorus	Total	SM 4500-P C	102	101	1	0 - 30%	PASS

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

California ELAP Certificate # 2261
23496

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

General Chemistry

Client: **MACTEC**

CRG Project ID: **2574**

CRG ID#: **23496**

Sample Description: QAQC
Rainbow Creek TMDL

Procedural Blank

Date Sampled:

Date Received:

Batch ID: 2574-2574

Matrix: DI Water

Date Processed: 21-Mar-05

Instrument:

Analyst: C. Raubach

Date Analyzed: 21-Mar-05

CONSTITUENT	FRACTION	METHOD	BS1 % Recovery	BS2 % Recovery	% RPD	ACCEPTANCE RANGE	COMMENT
Total Phosphorus	Dissolved	SM 4500-P C	102	101	1	0 - 30%	PASS

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

California ELAP Certificate # 2261
23496

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: **MACTEC**

CRG Project ID: **2574**

CRG ID#: **23498**

Sample Description: STA 2
Rainbow Creek TMDL

Date Sampled: 19-Mar-05 23:00

Date Received: 20-Mar-05

Batch ID: 2574-2574

Matrix: Stormwater

Date Processed: 21-Mar-05

Instrument:

Analyst: C. Raubach

Date Analyzed: 21-Mar-05

CONSTITUENT	FRACTION	METHOD	MS1 % Recovery	MS2 % Recovery	% RPD	ACCEPTANCE RANGE	COMMENT
Total Phosphorus	Total	SM 4500-P C	94	99	5	0 - 30%	PASS

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

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23498

CRG Marine Laboratories, Inc.

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

General Chemistry

Client: **MACTEC**

CRG Project ID: **2574**

CRG ID#: **23498**

Sample Description: STA 2
Rainbow Creek TMDL

Date Sampled: 19-Mar-05 23:00

Date Received: 20-Mar-05

Batch ID: 2574-2574

Matrix: Stormwater

Date Processed: 21-Mar-05

Instrument:

Analyst: C. Raubach

Date Analyzed: 21-Mar-05

CONSTITUENT	FRACTION	METHOD	MS1 % Recovery	MS2 % Recovery	% RPD	ACCEPTANCE RANGE	COMMENT
Total Phosphorus	Dissolved	SM 4500-P C	94	92	2	0 - 30%	PASS

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

California ELAP Certificate # 2261
23498

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: MACTEC

CRG Project ID: 2574

CRG ID#: 23497

Sample Description: STA 1
Rainbow Creek TMDL

Date Sampled: 19-Mar-05 18:00

Date Received: 20-Mar-05

Batch ID: 2574-11111

Matrix: Stormwater

Date Processed: 12-Apr-05

Instrument: ICPMS #1 HP 4500

Analyst: P. Hershelman

Date Analyzed: 15-Apr-05

CONSTITUENT	FRACTION	METHOD	R1 µg/L	R2 µg/L	% RPD	ACCEPTANCE RANGE	COMMENT
Aluminum (Al)	Dissolved	EPA 200.8	80.9	80.6	0	0 - 30%	PASS
Antimony (Sb)	Dissolved	EPA 200.8	0.16	0.1	46	0 - 30%	FAIL
Arsenic (As)	Dissolved	EPA 200.8	1.25	1.21	3	0 - 30%	PASS
Barium (Ba)	Dissolved	EPA 200.8	36.1	35.8	1	0 - 30%	PASS
Chromium (Cr)	Dissolved	EPA 200.8	0.8	0.85	6	0 - 30%	PASS
Cobalt (Co)	Dissolved	EPA 200.8	0.36	0.36	0	0 - 30%	PASS
Copper (Cu)	Dissolved	EPA 200.8	4.59	4.54	1	0 - 30%	PASS
Iron (Fe)	Dissolved	EPA 200.8	449	453	1	0 - 30%	PASS
Lead (Pb)	Dissolved	EPA 200.8	0.1	0.11	10	0 - 30%	PASS
Manganese (Mn)	Dissolved	EPA 200.8	27.7	25.3	9	0 - 30%	PASS
Molybdenum (Mo)	Dissolved	EPA 200.8	3.11	3.15	1	0 - 30%	PASS
Nickel (Ni)	Dissolved	EPA 200.8	2.38	2.34	2	0 - 30%	PASS
Selenium (Se)	Dissolved	EPA 200.8	0.58	0.66	13	0 - 30%	PASS
Strontium (Sr)	Dissolved	EPA 200.8	264	259	2	0 - 30%	PASS
Titanium (Ti)	Dissolved	EPA 200.8	5.2	5.33	2	0 - 30%	PASS
Vanadium (V)	Dissolved	EPA 200.8	2.09	2.05	2	0 - 30%	PASS
Zinc (Zn)	Dissolved	EPA 200.8	18.8	18.4	2	0 - 30%	PASS

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

California ELAP Certificate # 2261
23497

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: MACTEC

CRG Project ID: 2574

CRG ID#: 23498

Sample Description: STA 2
Rainbow Creek TMDL

Date Sampled: 19-Mar-05 23:00

Date Received: 20-Mar-05

Batch ID: 2574-11111

Matrix: Stormwater

Date Processed: 12-Apr-05

Instrument: ICPMS #1 HP 4500

Analyst: P. Hershelman

Date Analyzed: 15-Apr-05

CONSTITUENT	FRACTION	METHOD	R1 µg/L	R2 µg/L	% RPD	ACCEPTANCE RANGE	COMMENT
Aluminum (Al)	Dissolved	EPA 200.8	86	91.5	6	0 - 30%	PASS
Arsenic (As)	Dissolved	EPA 200.8	1.26	1.29	2	0 - 30%	PASS
Barium (Ba)	Dissolved	EPA 200.8	49.2	49.2	0	0 - 30%	PASS
Chromium (Cr)	Dissolved	EPA 200.8	0.97	0.99	2	0 - 30%	PASS
Cobalt (Co)	Dissolved	EPA 200.8	0.45	0.46	2	0 - 30%	PASS
Copper (Cu)	Dissolved	EPA 200.8	3.67	3.66	0	0 - 30%	PASS
Iron (Fe)	Dissolved	EPA 200.8	649	653	1	0 - 30%	PASS
Lead (Pb)	Dissolved	EPA 200.8	0.09	0.11	20	0 - 30%	PASS
Manganese (Mn)	Dissolved	EPA 200.8	6.85	6.83	0	0 - 30%	PASS
Molybdenum (Mo)	Dissolved	EPA 200.8	3.28	3.37	3	0 - 30%	PASS
Nickel (Ni)	Dissolved	EPA 200.8	3	2.95	2	0 - 30%	PASS
Selenium (Se)	Dissolved	EPA 200.8	1.14	1.16	2	0 - 30%	PASS
Silver (Ag)	Dissolved	EPA 200.8	0.1	0.1	0	0 - 30%	PASS
Strontium (Sr)	Dissolved	EPA 200.8	345	345	0	0 - 30%	PASS
Titanium (Ti)	Dissolved	EPA 200.8	5.36	5.25	2	0 - 30%	PASS
Vanadium (V)	Dissolved	EPA 200.8	6.25	6.27	0	0 - 30%	PASS
Zinc (Zn)	Dissolved	EPA 200.8	8.43	8.25	2	0 - 30%	PASS

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

California ELAP Certificate # 2261
23498

CHAIN-OF-CUSTODY

**CRG Marine Laboratories, Inc.**

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

CHAIN-OF-CUSTODY RECORD

Client Name Address		CRG Marine Laboratories, Inc. MACTEC 2028 Del Amo Blvd. Suite 208 Torrance, CA 90501		REQUESTED ANALYSIS																
Project Manager		Misty D. Mercier JAY SHRAKE		<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TDS TSS Turbidity</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">DO pH SC. T₂</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Dis. phosphorus</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TOTAL phosphorus</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">nitrate</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">nitrite</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TKN</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">AMMONIA</div> </div>																
Phone		340-533-5198 x106 858 278 3600																		
FAX		340-533-9241																		
Email		mmmercier@crglabs.com																		
Project Name/Number		RAINBOW CK																		
P.O. Number																				
Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container																
				Quantity	Type															
1 Station 1 (18:00)	3/19	18:00	SEAWATER	1	19L	X	X	X	X	X	X									
2 Station 2 (23:00)	3/19	23:00	SEAWATER	1	19L	X	X	X	X	X	X									
<div style="border: 1px solid black; height: 100px; width: 100%;"></div>																				
Correct Containers:		Yes	No																	
Sample Temperature:		Ambient	Cold	Warm																
Sample Preservative:		Yes	No																	
Turnaround Time:		STD	Specify:																	
Report Format:		pdf	EDD	hardcopy																
Comments: please email pdf report to mmmercier@crglabs.com					Signature:															
					Print:		Kris Green													
					Company:		CRG Marine Laboratories, Inc. MACTEC													
					DATE:		3/20/05										TIME:		1:30 PM	
					DATE:												TIME:			

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

**CRG**

Marine Laboratories, Inc.

SAMPLE RECEIPT FORM

CRG Project ID

P2574

CLIENT
NAME**MACTEC**DATE
RECEIVED**3-20-05****COURIER INFORMATION**☒ CRG ☐ FEDEX
☐ OTHER* ☐ UPSTRACKING
NUMBER**TEMPERATURE****12 °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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sample ID on containers consistent with COC.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

***NOTES**

Samples IN Gen chem fridge. TKN samples
By upper sink on TABLE w/presv.

C-V.

* Rainbow STA #1 & STA #2

COMPLETED BY:

C.V.