BC Laboratories, Inc.

Chain of Custody Form

REC'D JAN 3 1 2001

04628

PLEASE COMPLETE: BCL QUOTE ID: Q-GLGCB-20001129

Page ____ of ____ (103)

Report To:
Client: Geologic Associates
Attn: Sarah Barrette
Street Address: 1360 Valley Vista Dr.
City, State, Zip: Diamond Bar, CA 91765
Phone: 909-860-3448 Fax:
Email Address:
Submittal #: 00-14001

Project #:
Project Name: Gregory Canyon
Project Code:
Sampler(s): Ben Salinas, Tony Ramirez

Comments: Any Questions Please call Sarah Barrette @ 858-451-1136
Used BAS D.I. water for Field Equipment Blanks.

Analysis Requested

Sample #	Description	Date Sampled	Time Sampled	Chloride, Sulfate, Nitrate (N), pH, TDS	Cam metals (except molybdenum) + Tl	8260 (SVOCs including organochlorine pesticides)	8260 (VOCs including volatile organics)	Cyanide, Sulfide	8151 (chlorinated herbicides)	8081 (organochlorine pesticides & PCBs)	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
# of Containers		12/5/00																
10	GLA-11 -1	12/5/00	1550	X	X	X	X	X	X	X	X			X				
10	GLA-13 -2	12/5/00	1105	X	X	X	X	X	X	X	X			X				
10	GLA-16 -3	12/5/00	0915	X	X	X	X	X	X	X	X			X				
1	Field Blank -4	12/5/00	—					X							X			Used BAS DI water
1	Equip. Blank -5	12/5/00	—					X							X			Used BAS DI water
1	Travel Blank -6 TB	12/5/00	—					X							X			

CHK BY DISTRIBUTION MABGSB SUB-OUT

SHORT HOLDING TIME: Cr^{+6} NO_2 NO_3 OP SS DO BOD MBAS C O I

Total Cations - Thallium not TI - Sb 6010 - not nec. to do *
Organics Sub 8260 & 2.1B - ask for Gregory list per MW + 9/14 12/1 (VB)

Billing ☒ Same as above
Client:
Address:
City: State Zip
Attn:
PO#:

Report Drinking Waters on State Form? ☐ Yes ☐ No
Send Copy to State of CA? ☐ Yes ☐ No

Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months____

Special Reporting: ☐ QC ☐ WIP ☐ Raw Data

	Relinquished By	Date	Time	Received By	Date	Time
1.	[signature]	12-5-00	16:28	[signature]	12/5/00	1629
2.	[signature]	12/6/00		[signature]	12-6-00	12:36
3.	[signature]	12-6-00	20:05	[signature]	12-6-00	2205

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No.7 10/03/00 Page ___ Of ___

Submission #: 00-14001 | **Project Code:** | **TB Batch #**

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☒ None ☐
Box ☒ Other ☐ (Specify)_____

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☒ Comments:

REC'D JAN 3 1 2001

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received

☒ YES ☐ NO

Ice Chest ID Blue Date/Time 12/6/00
Temperature: 3.7 °C 2235
Thermometer ID: #80 Analyst Init CFord
Emissivity .95
Container Pipe

Ice Chest ID Blue Date/Time 12/6/00
Temperature: 3.9 °C 2240
Thermometer ID: #80 Analyst Init CFl
Emissivity .85
Container QtAmber

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6 (6TB)	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
QT GENERAL MINERAL/ GENERAL PHYSICAL	1	1	1																					
PT PE UNPRESERVED																								
QT INORGANIC CHEMICAL METALS	1	1	1																					
PT INORGANIC CHEMICAL METALS																								
PT CYANIDE	1	1	1																					
PT NITROGEN FORMS																								
PT TOTAL SULFIDE	1	1	1																					
2oz. NITRATE / NITRITE																								
100ml TOTAL ORGANIC CARBON																								
QT TOX																								
PT CHEMICAL OXYGEN DEMAND																								
100ml PHENOLICS																								
40ml VOA VIAL TRAVEL BLANK						1																		
40ml VOA VIAL	2	2	2	1	1																			
QT EPA 413.1, 413.2, 418.1																								
PT ODOR																								
RADIOLOGICAL																								
BACTERIOLOGICAL																								
PT EPA 504	CFORD 12/6/00																							
QT EPA 508/608/8080	~~1~~	~~1~~	~~1~~										1	1	1									
QT EPA 515.1/8150	~~1~~	~~1~~	~~1~~										1	1	1									
QT EPA [redacted] 625/8270	~~2~~	~~2~~	~~2~~										2	2	2									
QT EPA 525 TRAVEL BLANK																								
100ml EPA 547																								
100ml EPA 531.1																								
QT EPA 548																								
QT EPA 549																								
QT EPA 632																								
QT EPA 8015M																								
QT QA/QC																								
QT AMBER																								
8 OZ. JAR																								
32 OZ. JAR																								
SOIL SLEEVE																								
PCB VIAL																								
PLASTIC BAG																								

Comments:_____

Sample Numbering Completed By: CFl Date/Time: 12/6/00 2235

[F:\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC Laboratories, Inc.

REC'D JAN 3 1 2001

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/08/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-1

Project Number: GREGORY CANYON
Sample ID: GLA-11
Sampling Date/Time: 12/05/2000 @ 15:50
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Constituents	Results	Units	P.Q.L.	M.D.L.	Method
Total Calcium	90.	mg/L	0.050	0.02	EPA-6010
Total Magnesium	27.	mg/L	0.050	0.02	EPA-6010
Total Sodium	91.	mg/L	0.50	0.07	EPA-6010
Sulfate	82.	mg/L	1.0	0.25	EPA-300.0
Chloride	177.	mg/L	0.5	0.090	EPA-300.0
Nitrate as N	None Detected	mg/L	0.1	0.020	EPA-300.0
pH	7.61	pH Units	-.	-.	EPA-9040
Total Dissolved Solids @ 180 C	763.	mg/L	40.	20.	EPA-160.1
Total Cyanide	None Detected	mg/L	0.02	0.0063	EPA-9010
Total Sulfide	None Detected	mg/L	0.1	0.050	EPA-9030

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

M. Atencio

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/08/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-2

Project Number: GREGORY CANYON
Sample ID: GLA-13
Sampling Date/Time: 12/05/2000 @ 11:05
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Constituents	Results	Units	P.Q.L.	M.D.L.	Method
Total Calcium	67.	mg/L	0.050	0.02	EPA-6010
Total Magnesium	39.	mg/L	0.050	0.02	EPA-6010
Total Sodium	110.	mg/L	0.50	0.07	EPA-6010
Sulfate	119.	mg/L	1.0	0.25	EPA-300.0
Chloride	127.	mg/L	0.5	0.090	EPA-300.0
Nitrate as N	25.9	mg/L	0.2	0.040	EPA-300.0
pH	7.49	pH Units	-.	-.	EPA-9040
Total Dissolved Solids @ 180 C	885.	mg/L	50.	30.	EPA-160.1
Total Cyanide	None Detected	mg/L	0.02	0.0063	EPA-9010
Total Sulfide	None Detected	mg/L	0.1	0.050	EPA-9030

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

M. Atencio

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/08/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-3

Project Number: GREGORY CANYON
Sample ID: GLA-16
Sampling Date/Time: 12/05/2000 @ 09:15
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Constituents	Results	Units	P.Q.L.	M.D.L.	Method
Total Calcium	76.	mg/L	0.050	0.02	EPA-6010
Total Magnesium	36.	mg/L	0.050	0.02	EPA-6010
Total Sodium	72.	mg/L	0.50	0.07	EPA-6010
Sulfate	109.	mg/L	1.0	0.25	EPA-300.0
Chloride	105.	mg/L	0.5	0.090	EPA-300.0
Nitrate as N	6.24	mg/L	0.1	0.020	EPA-300.0
pH	7.50	pH Units	-.	-.	EPA-9040
Total Dissolved Solids @ 180 C	690.	mg/L	40.	20.	EPA-160.1
Total Cyanide	None Detected	mg/L	0.02	0.0063	EPA-9010
Total Sulfide	None Detected	mg/L	0.1	0.050	EPA-9030

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

M. Atencio

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/02/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-2MB

Project Number: GREGORY CANYON
Sample ID: METHOD BLANK

Constituents	Results	Units	P.Q.L.	M.D.L.	Method
Total Calcium	None Detected	mg/L	0.050	0.014	EPA-6010
Total Magnesium	None Detected	mg/L	0.050	0.016	EPA-6010
Total Sodium	None Detected	mg/L	0.50	0.064	EPA-6010
Sulfate	None Detected	mg/L	1.0	0.25	EPA-300.0
Chloride	None Detected	mg/L	0.5	0.09	EPA-300.0
Nitrate as N	None Detected	mg/L	0.1	0.02	EPA-300.0
Total Dissolved Solids @ 180 C	None Detected	mg/L	10.	5.	EPA-160.1
Total Cyanide	None Detected	mg/L	0.02	0.01	EPA-9010
Total Sulfide	None Detected	mg/L	0.1	0.05	EPA-9030

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/09/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-1

Project Number: GREGORY CANYON
Sample ID: GLA-11
Sampling Date/Time: 12/05/2000 @ 15:50
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method
Total Antimony		None Detected	µg/L	100.	8.	EPA-6010
Total Arsenic		4.	µg/L	2.	0.7	EPA-7060
Total Barium	*02	2.	µg/L	100.	0.9	EPA-6010
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010
Total Cadmium		None Detected	µg/L	10.	4.	EPA-6010
Total Chromium		None Detected	µg/L	10.	4.	EPA-6010
Total Cobalt		None Detected	µg/L	50.	2.	EPA-6010
Total Copper	*02	4.	µg/L	10.	3.	EPA-6010
Total Lead	*02	0.7	µg/L	5.	0.4	EPA-7421
Total Mercury		None Detected	µg/L	0.2	0.10	EPA-7470
Total Nickel	*02	4.	µg/L	10.	3.	EPA-6010
Total Selenium	*01	None Detected	µg/L	4.	3.	EPA-7740
Total Silver		None Detected	µg/L	10.	3.	EPA-6010
Total Thallium	*02	30.	µg/L	100.	20.	EPA-6010
Total Vanadium		None Detected	µg/L	10.	3.	EPA-6010
Total Zinc	*02	9.1	µg/L	50.	0.89	EPA-6010

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*01 = Note: PQL's and MDL's are raised due to matrix interferences.
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/09/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-2

Project Number: GREGORY CANYON
Sample ID: GLA-13
Sampling Date/Time: 12/05/2000 @ 11:05
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method
Total Antimony		None Detected	µg/L	100.	8.	EPA-6010
Total Arsenic		2.	µg/L	2.	0.7	EPA-7060
Total Barium	*02	20.	µg/L	100.	0.9	EPA-6010
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010
Total Cadmium		None Detected	µg/L	10.	4.	EPA-6010
Total Chromium		None Detected	µg/L	10.	4.	EPA-6010
Total Cobalt		None Detected	µg/L	50.	2.	EPA-6010
Total Copper		None Detected	µg/L	10.	3.	EPA-6010
Total Lead	*02	0.6	µg/L	5.	0.4	EPA-7421
Total Mercury		None Detected	µg/L	0.2	0.10	EPA-7470
Total Nickel		None Detected	µg/L	10.	3.	EPA-6010
Total Selenium	*01	None Detected	µg/L	4.	3.	EPA-7740
Total Silver		None Detected	µg/L	10.	3.	EPA-6010
Total Thallium		None Detected	µg/L	100.	20.	EPA-6010
Total Vanadium		20.	µg/L	10.	3.	EPA-6010
Total Zinc	*02	21.	µg/L	50.	0.89	EPA-6010

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*01 = Note: PQL's and MDL's are raised due to matrix interferences.
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/09/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-3

Project Number: GREGORY CANYON
Sample ID: GLA-16
Sampling Date/Time: 12/05/2000 @ 09:15
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method
Total Antimony	*02	10.	µg/L	100.	8.	EPA-6010
Total Arsenic	*02	1.	µg/L	2.	0.7	EPA-7060
Total Barium	*02	61.	µg/L	100.	0.9	EPA-6010
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010
Total Cadmium		None Detected	µg/L	10.	4.	EPA-6010
Total Chromium	*02	5.0	µg/L	10.	4.	EPA-6010
Total Cobalt		None Detected	µg/L	50.	2.	EPA-6010
Total Copper	*02	4.0	µg/L	10.	3.	EPA-6010
Total Lead	*02	0.5	µg/L	5.	0.4	EPA-7421
Total Mercury		None Detected	µg/L	0.2	0.10	EPA-7470
Total Nickel		None Detected	µg/L	10.	3.	EPA-6010
Total Selenium	*01	None Detected	µg/L	4.	3.	EPA-7740
Total Silver		None Detected	µg/L	10.	3.	EPA-6010
Total Thallium	*02	20.	µg/L	100.	20.	EPA-6010
Total Vanadium		30.	µg/L	10.	3.	EPA-6010
Total Zinc	*02	7.3	µg/L	50.	0.89	EPA-6010

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/02/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-1MB

Project Number: GREGORY CANYON
Sample ID: METHOD BLANK

Constituents		Results	Units	P.Q.L.	M.D.L.	Method
Total Antimony		None Detected	µg/L	100.	7.4	EPA-6010
Total Arsenic		None Detected	µg/L	2.	0.68	EPA-7060
Total Barium		None Detected	µg/L	100.	0.81	EPA-6010
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010
Total Cadmium		None Detected	µg/L	10.	3.5	EPA-6010
Total Chromium		None Detected	µg/L	10.	3.2	EPA-6010
Total Cobalt		None Detected	µg/L	50.	1.4	EPA-6010
Total Copper		None Detected	µg/L	10.	2.1	EPA-6010
Total Lead		None Detected	µg/L	5.	0.40	EPA-7421
Total Mercury		None Detected	µg/L	0.2	0.1	EPA-7470
Total Nickel		None Detected	µg/L	10.	2.1	EPA-6010
Total Selenium		None Detected	µg/L	2.	0.58	EPA-7740
Total Silver		None Detected	µg/L	10.	2.7	EPA-6010
Total Thallium	*02	27.8	µg/L	100.	16.	EPA-6010
Total Vanadium		None Detected	µg/L	10.	2.1	EPA-6010
Total Zinc	*02	7.9	µg/L	50.	0.89	EPA-6010

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/10/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-1

Project Number: GREGORY CANYON
Sample ID: GLA-11
Sample Matrix: Water
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Date Collected: 12/05/2000 @ 15:50
Date Extracted: 12/07/2000
Date Analyzed: 12/27/2000 @ 20:06

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
2,4-D	None Detected	µg/L	0.4	0.16	
Dinoseb	None Detected	µg/L	0.2	0.052	*03
2,4,5-T	None Detected	µg/L	0.09	0.032	
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024	

Quality Control Data

Surrogates	% Recovery	Control Limits
2,4-Dichlorophenylacetic acid	81.	40-115

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*03 = CCV recovery not within method limits.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/10/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-2

Project Number: GREGORY CANYON
Sample ID: GLA-13
Sample Matrix: Water
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Date Collected: 12/05/2000 @ 11:05
Date Extracted: 12/07/2000
Date Analyzed: 12/27/2000 @ 20:31

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
2,4-D	None Detected	µg/L	0.4	0.16	
Dinoseb	None Detected	µg/L	0.2	0.052	*03
2,4,5-T	None Detected	µg/L	0.09	0.032	
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024	

Quality Control Data

Surrogates	% Recovery	Control Limits
2,4-Dichlorophenylacetic acid	87.	40-115

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*03 = CCV recovery not within method limits.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/10/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-3

Project Number: GREGORY CANYON
Sample ID: GLA-16
Sample Matrix: Water
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Date Collected: 12/05/2000 @ 09:15
Date Extracted: 12/07/2000
Date Analyzed: 12/27/2000 @ 20:57

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
2,4-D	None Detected	µg/L	0.4	0.16	
Dinoseb	None Detected	µg/L	0.2	0.052	*03
2,4,5-T	None Detected	µg/L	0.09	0.032	
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024	

Quality Control Data

Surrogates	% Recovery	Control Limits
2,4-Dichlorophenylacetic acid	98.	40-115

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*03 = CCV recovery not within method limits.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/29/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-4MB

Project Number: GREGORY CANYON
Sample ID: METHOD BLANK
Sample Matrix: Blank Water

Date Collected:
Date Extracted: 12/07/2000
Date Analyzed: 12/27/2000 @ 20:06
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,4-D	None Detected	µg/L	0.4	0.16
Dinoseb	None Detected	µg/L	0.2	0.052
2,4,5-T	None Detected	µg/L	0.09	0.032
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024

Quality Control Data

Surrogates	% Recovery	Control Limits
2,4-Dichlorophenylacetic acid	90.	40-115

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-1

Project Number: GREGORY CANYON
Sample ID: GLA-11
Sample Matrix: Water
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Date Collected: 12/05/2000 @ 15:50
Date Extracted: 12/07/2000
Date Analyzed: 12/15/2000 @ 11:30

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	None Detected	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.032
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.019
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	87.	%	49-122	
Surrogates				
Decachlorobiphenyl	92.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-2

Project Number: GREGORY CANYON
Sample ID: GLA-13
Sample Matrix: Water
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Date Collected: 12/05/2000 @ 11:05
Date Extracted: 12/07/2000
Date Analyzed: 12/15/2000 @ 17:31

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	None Detected	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.032
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.019
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	81.	%	49-122	
Surrogates				
Decachlorobiphenyl	84.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-3

Project Number: GREGORY CANYON
Sample ID: GLA-16
Sample Matrix: Water
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Date Collected: 12/05/2000 @ 09:15
Date Extracted: 12/07/2000
Date Analyzed: 12/15/2000 @ 17:59

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	0.0076	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.032
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.019
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	92.	%	49-122	
Surrogates				
Decachlorobiphenyl	98.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-1

Project Number: GREGORY CANYON
Sample ID: GLA-11
Sample Matrix: Water
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Date Collected: 12/05/2000 @ 15:50
Date Extracted: 12/07/2000
Date Analyzed: 12/14/2000 @ 08:15

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Acenaphthene	None Detected	µg/L	2.	0.230
Acenaphthylene	None Detected	µg/L	2.	0.356
Aldrin	None Detected	µg/L	2.	0.261
Aniline	None Detected	µg/L	5.	1.800
Anthracene	None Detected	µg/L	2.	0.220
Benzidine	None Detected	µg/L	20.	0.160
Benzo (a) anthracene	None Detected	µg/L	2.	0.263
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633
Benzo (a) pyrene	None Detected	µg/L	2.	0.342
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242
Benzoic Acid	None Detected	µg/L	10.	0.831
Benzyl alcohol	None Detected	µg/L	2.	0.656
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237
alpha-BHC	None Detected	µg/L	2.	0.232
beta-BHC	None Detected	µg/L	2.	0.226
delta-BHC	None Detected	µg/L	2.	0.255
gamma-BHC	None Detected	µg/L	2.	0.210
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217
bis(2-ethylhexyl)phthalate	None Detected	µg/L	5.	0.325
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285
4-Chloroaniline	None Detected	µg/L	2.	1.707
2-Chloronaphthalene	None Detected	µg/L	2.	0.274
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304
Chrysene	None Detected	µg/L	2.	0.193
4,4-DDD'	None Detected	µg/L	2.	0.211
4,4-DDE'	None Detected	µg/L	3.	0.749
4,4-DDT'	None Detected	µg/L	2.	0.218
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293
Dibenzofuran	None Detected	µg/L	2.	0.290
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350
Dieldrin	None Detected	µg/L	3.	0.424
Diethyl phthalate	None Detected	µg/L	2.	0.283
Dimethyl phthalate	None Detected	µg/L	2.	0.244
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276
Di-n-octylphthalate	None Detected	µg/L	2.	0.198

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-1

Sample Description: GREGORY CANYON, GLA-11, 12/05/2000 @ 15:50, BETH SALINAS, TONY RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-1

Sample Description: GREGORY CANYON, GLA-11, 12/05/2000 @ 15:50, BETH SALINAS, TONY RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	57.	21-100
Phenol-d5	55.	10-94
Nitrobenzene-d5	87.	35-114
2-Fluorobiphenyl	76.	43-116
2,4,6-Tribromophenol	85.	10-123
d14-Terphenyl	61.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-1

Sample Description: GREGORY CANYON, GLA-11, 12/05/2000 @ 15:50, BETH SALINAS, TONY RAMIREZ

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-2

Project Number: GREGORY CANYON
Sample ID: GLA-13
Sample Matrix: Water
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Date Collected: 12/05/2000 @ 11:05
Date Extracted: 12/07/2000
Date Analyzed: 12/14/2000 @ 20:45

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
Acenaphthene	None Detected	µg/L	2.	0.230	
Acenaphthylene	None Detected	µg/L	2.	0.356	
Aldrin	None Detected	µg/L	2.	0.261	
Aniline	None Detected	µg/L	5.	1.800	
Anthracene	None Detected	µg/L	2.	0.220	
Benzidine	None Detected	µg/L	20.	0.160	
Benzo (a) anthracene	None Detected	µg/L	2.	0.263	
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658	
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633	
Benzo (a) pyrene	None Detected	µg/L	2.	0.342	
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242	
Benzoic Acid	None Detected	µg/L	10.	0.831	
Benzyl alcohol	None Detected	µg/L	2.	0.656	
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237	
alpha-BHC	None Detected	µg/L	2.	0.232	
beta-BHC	None Detected	µg/L	2.	0.226	
delta-BHC	None Detected	µg/L	2.	0.255	
gamma-BHC	None Detected	µg/L	2.	0.210	
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235	
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554	
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217	
bis(2-ethylhexyl)phthalate	0.99	µg/L	5.	0.325	*02
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285	
4-Chloroaniline	None Detected	µg/L	2.	1.707	
2-Chloronaphthalene	None Detected	µg/L	2.	0.274	
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304	
Chrysene	None Detected	µg/L	2.	0.193	
4,4-DDD'	None Detected	µg/L	2.	0.211	
4,4-DDE'	None Detected	µg/L	3.	0.749	
4,4-DDT'	None Detected	µg/L	2.	0.218	
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293	
Dibenzofuran	None Detected	µg/L	2.	0.290	
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241	
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237	
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234	
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272	
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350	
Dieldrin	None Detected	µg/L	3.	0.424	
Diethyl phthalate	None Detected	µg/L	2.	0.283	
Dimethyl phthalate	None Detected	µg/L	2.	0.244	
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241	
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276	
Di-n-octylphthalate	None Detected	µg/L	2.	0.198	

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-2

Sample Description: GREGORY CANYON, GLA-13, 12/05/2000 @ 11:05, BETH SALINAS, TONY RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-2

Sample Description: GREGORY CANYON, GLA-13, 12/05/2000 @ 11:05, BETH SALINAS, TONY RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	67.	21-100
Phenol-d5	60.	10-94
Nitrobenzene-d5	91.	35-114
2-Fluorobiphenyl	79.	43-116
2,4,6-Tribromophenol	99.	10-123
d14-Terphenyl	64.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-2

Sample Description: GREGORY CANYON, GLA-13, 12/05/2000 @ 11:05, BETH SALINAS, TONY RAMIREZ

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-3

Project Number: GREGORY CANYON
Sample ID: GLA-16
Sample Matrix: Water
Sample Collected By: BETH SALINAS, TONY RAMIREZ

Date Collected: 12/05/2000 @ 09:15
Date Extracted: 12/07/2000
Date Analyzed: 12/14/2000 @ 21:29

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Acenaphthene	None Detected	µg/L	2.	0.230
Acenaphthylene	None Detected	µg/L	2.	0.356
Aldrin	None Detected	µg/L	2.	0.261
Aniline	None Detected	µg/L	5.	1.800
Anthracene	None Detected	µg/L	2.	0.220
Benzidine	None Detected	µg/L	20.	0.160
Benzo (a) anthracene	None Detected	µg/L	2.	0.263
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633
Benzo (a) pyrene	None Detected	µg/L	2.	0.342
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242
Benzoic Acid	None Detected	µg/L	10.	0.831
Benzyl alcohol	None Detected	µg/L	2.	0.656
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237
alpha-BHC	None Detected	µg/L	2.	0.232
beta-BHC	None Detected	µg/L	2.	0.226
delta-BHC	None Detected	µg/L	2.	0.255
gamma-BHC	None Detected	µg/L	2.	0.210
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217
bis(2-ethylhexyl)phthalate	None Detected	µg/L	5.	0.325
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285
4-Chloroaniline	None Detected	µg/L	2.	1.707
2-Chloronaphthalene	None Detected	µg/L	2.	0.274
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304
Chrysene	None Detected	µg/L	2.	0.193
4,4-DDD'	None Detected	µg/L	2.	0.211
4,4-DDE'	None Detected	µg/L	3.	0.749
4,4-DDT'	None Detected	µg/L	2.	0.218
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293
Dibenzofuran	None Detected	µg/L	2.	0.290
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350
Dieldrin	None Detected	µg/L	3.	0.424
Diethyl phthalate	None Detected	µg/L	2.	0.283
Dimethyl phthalate	None Detected	µg/L	2.	0.244
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276
Di-n-octylphthalate	None Detected	µg/L	2.	0.198

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-3

Sample Description: GREGORY CANYON, GLA-16, 12/05/2000 @ 09:15, BETH SALINAS, TONY RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-3

Sample Description: GREGORY CANYON, GLA-16, 12/05/2000 @ 09:15, BETH SALINAS, TONY RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	63.	21-100
Phenol-d5	59.	10-94
Nitrobenzene-d5	91.	35-114
2-Fluorobiphenyl	79.	43-116
2,4,6-Tribromophenol	96.	10-123
d14-Terphenyl	64.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/06/2000
Laboratory No.: 00-14001-3

Sample Description: GREGORY CANYON, GLA-16, 12/05/2000 @ 09:15, BETH SALINAS, TONY RAMIREZ

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/29/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-5MB

Project Number: GREGORY CANYON
Sample ID: METHOD BLANK
Sample Matrix: Blank Water

Date Collected:
Date Extracted: 12/07/2000
Date Analyzed: 12/14/2000 @ 08:15

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Acenaphthene	None Detected	µg/L	2.	0.230
Acenaphthylene	None Detected	µg/L	2.	0.356
Aldrin	None Detected	µg/L	2.	0.261
Aniline	None Detected	µg/L	5.	1.800
Anthracene	None Detected	µg/L	2.	0.220
Benzidine	None Detected	µg/L	20.	0.160
Benzo (a) anthracene	None Detected	µg/L	2.	0.263
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633
Benzo (a) pyrene	None Detected	µg/L	2.	0.342
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242
Benzoic Acid	None Detected	µg/L	10.	0.831
Benzyl alcohol	None Detected	µg/L	2.	0.656
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237
alpha-BHC	None Detected	µg/L	2.	0.232
beta-BHC	None Detected	µg/L	2.	0.226
delta-BHC	None Detected	µg/L	2.	0.255
gamma-BHC	None Detected	µg/L	2.	0.210
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217
bis(2-ethylhexyl)phthalate	None Detected	µg/L	5.	0.325
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285
4-Chloroaniline	None Detected	µg/L	2.	1.707
2-Chloronaphthalene	None Detected	µg/L	2.	0.274
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304
Chrysene	None Detected	µg/L	2.	0.193
4,4-DDD'	None Detected	µg/L	2.	0.211
4,4-DDE'	None Detected	µg/L	3.	0.749
4,4-DDT'	None Detected	µg/L	2.	0.218
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293
Dibenzofuran	None Detected	µg/L	2.	0.290
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350
Dieldrin	None Detected	µg/L	3.	0.424
Diethyl phthalate	None Detected	µg/L	2.	0.283
Dimethyl phthalate	None Detected	µg/L	2.	0.244
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276
Di-n-octylphthalate	None Detected	µg/L	2.	0.198
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/29/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-5MB

Sample Description: GREGORY CANYON, METHOD BLANK

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/29/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-5MB

Sample Description: GREGORY CANYON, METHOD BLANK

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	68.	21-100
Phenol-d5	53.	10-94
Nitrobenzene-d5	94.	35-114
2-Fluorobiphenyl	82.	43-116
2,4,6-Tribromophenol	100.	10-123
d14-Terphenyl	67.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/29/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-5MB

Sample Description: GREGORY CANYON, METHOD BLANK

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/29/2001
Date Received: 12/06/2000
Laboratory No.: 00-14001-3MB

Project Number: GREGORY CANYON
Sample ID: METHOD BLANK
Sample Matrix: Blank Water

Date Collected:
Date Extracted: 12/07/2000
Date Analyzed: 12/15/2000 @ 11:30

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	None Detected	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.025
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.041
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	109.	%	49-122	
Surrogates				
Decachlorobiphenyl	113.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

SUBCONTRACT CHAIN OF CUSTODY

0012132

Subcontract Lab: ZALCO LABORATORIES (ZLCLB)
4309 ARMOUR AVE.
BAKERSFIELD, CA 93308
Attn: RHONDA HAYES
Phone: 661-395-0539
FAX: 661-395-3069

Report To: BC Laboratories
4100 Atlas Court
Bakersfield, CA 93308
Attn: Michelle Buttram
Phone: 661-327-4911

Bill To: BC Laboratories
4100 Atlas Court
Bakersfield, CA 93308
Attn: Accounts Payable

TAT: Normal

Sample ID	Sample Matrix	Sample Date	Sample Time	Requested Tests 01	
00-14001-1	Water	12/05/2000	15:50	X	2 voas
00-14001-2	Water	12/05/2000	11:05	X	↓
00-14001-3	Water	12/05/2000	09:15	X	↓
00-14001-4	Blank Wate	12/05/2000		X	1 voa
00-14001-5	Blank Wate	12/05/2000		X	
00-14001-6TB	Blank Wate	12/05/2000		X	↓

Requested Tests Legend

01 GC-8260-WATER

Note: Please do not subcontract any test without obtaining approval from an authorized representative of BC laboratories.

Comments: LIST FOR GREGORY CANYON AS PER JOHN HATZMAN

		Date/Time	
Relinquished By:	[illegible]	PC	12/8/00 1320
Received By:	[illegible]	12-8-00	1330
Relinquished By:	[illegible]	12-8-00	1337
Received By:	[illegible]	12/8/00	1337
Relinquished By:			
Received By:			
Relinquished By:			
Received By:			

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-1
Sampled by Client

Laboratory No: 0012132-1
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled : 15:50

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 15:11:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

DEC 2 2 2000

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-1
Sampled by Client

Laboratory No: 0012132-1
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled : 15:50

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 15:11:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference

1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
µg/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-1
Sampled by Client

Laboratory No: 0012132-1
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled : 15:50

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/13/00 15:11:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-2
Sampled by Client

Laboratory No: 0012132-2
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled : 11:05

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 15:47:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-2
Sampled by Client

Laboratory No: 0012132-2
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled : 11:05

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 15:47:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-2
Sampled by Client

Laboratory No: 0012132-2
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled : 11:05

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/13/00 15:47:00 SVM

cc:

Method Reference
1. EPA SW-846, 1994 3rd Edition

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-3
Sampled by Client

Laboratory No: 0012132-3
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled : 09:15

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 16:24:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-3
Sampled by Client

Laboratory No: 0012132-3
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled : 09:15

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 16:24:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-3
Sampled by Client

Laboratory No: 0012132-3
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled : 09:15

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/13/00 16:24:00 SVM

cc:

Method Reference
1. EPA SW-846, 1994 3rd Edition

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-4
Sampled by Client

Laboratory No: 0012132-4
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 14:34:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-4
Sampled by Client

Laboratory No: 0012132-4
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	21.6	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	0.58	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 14:34:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference

1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-4
Sampled by Client

Laboratory No: 0012132-4
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/13/00 14:34:00 SVM

cc:

Method Reference
1. EPA SW-846, 1994 3rd Edition

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-5
Sampled by Client

Laboratory No: 0012132-5
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/14/00 10:22:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-5
Sampled by Client

Laboratory No: 0012132-5
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	28.6	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	0.58	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/14/00 10:22:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-5
Sampled by Client

Laboratory No: 0012132-5
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/14/00 10:22:00 SVM

cc:

Method Reference
1. EPA SW-846, 1994 3rd Edition

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-6TB
Sampled by Client

Laboratory No: 0012132-6
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 11:33:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Preparation & Analysis Information)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/04/2001
Sample Matrix: Water
QC Batch ID: 200014001-1*WATER

Samples Affected: 00-14001-1 - 00-14001-3

Constituents	Preparation Method	Preparation Date	Preparation Technician	Analytical Method	Run Date	Analyst
Total Calcium	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD
Total Magnesium	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD
Total Sodium	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD
Sulfate	N.A.	12/07/2000	MMT	EPA-300.0	12/07/2000	MMT
Chloride	N.A.	12/07/2000	MMT	EPA-300.0	12/07/2000	MMT
Nitrate as N	N.A.	12/07/2000	MMT	EPA-300.0	12/07/2000	MMT
pH	N.A.	12/07/2000	NSC	EPA-9040	12/07/2000	NSC
Total Dissolved Solids @ 180 C	N.A.	12/08/2000	HPR	EPA-160.1	12/08/2000	HPR
Total Cyanide	EPA-9010	12/07/2000	MET	EPA-9010	12/11/2000	TDC
Total Sulfide	EPA-9030	12/11/2000	NSC	EPA-9030	12/11/2000	NSC

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14001-6TB
Sampled by Client

Laboratory No: 0012132-6
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/05/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/13/00 11:33:00 SVM

cc:

Method Reference
1. EPA SW-846, 1994 3rd Edition

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/03/2001
Sample Matrix: Water
QC Batch ID: 200014001-1*WATER

Samples Affected: 00-14001-1 - 00-14001-3

Constituents	QC Sample ID	Sample Result	Sample Duplicate	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Sample R.P.D.	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Total Calcium	TOTAL-14001-1	90.37	99.39	101.6	103.4	10.00	10.00	mg/L	10.	2.	20	H MEAN	H MEAN	75 - 125
Total Magnesium	TOTAL-14001-1	26.91	29.60	37.21	37.98	10.00	10.00	mg/L	10.	2.	20	103.	111.	75 - 125
Total Sodium	TOTAL-14001-1	90.66	99.43	103.0	104.4	10.00	10.00	mg/L	9.	1.	20	H MEAN	H MEAN	75 - 125
Sulfate	13964-1	39.58	39.47	141.4	141.5	100.0	100.0	mg/L	0.	0.	10	102.	102.	80 - 120
Chloride	13964-1	22.72	22.90	124.4	124.3	100.0	100.0	mg/L	1.	0.	10	102.	102.	80 - 120
Nitrate as N	13964-1	4.245	4.200	9.204	9.167	5.000	5.000	mg/L	1.	0.	10	99.	98.	80 - 120
pH	13957-3	7.42	7.44					pH Units	0.		± .1 PH UN			
Total Dissolved Solids @ 180 C	14002-1	1780.	1770.					mg/L	1.		10			
Total Cyanide	W-TOTAL-14001-	< 0.02	< 0.02	0.2570	0.2601	0.2500	0.2500	mg/L	<PQL	1.	10	103.	104.	90 - 110
Total Sulfide	14001-1	< 0.1	< 0.1					mg/L	<PQL		10			

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

H Mean - sample concentration is greater than four times the spike level.

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Preparation & Analysis Information)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/03/2001
Sample Matrix: Water
QC Batch ID: 200014001-1*METAL

Samples Affected: 00-14001-1 - 00-14001-3

Constituents	Preparation Method	Preparation Date	Preparation Technician	Analytical Method	Run Date	Analyst
Total Antimony	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD
Total Arsenic	EPA-3020	12/11/2000	ELN	EPA-7060	12/20/2000	TMS
Total Barium	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD
Total Beryllium	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD
Total Cadmium	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD
Total Chromium	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD
Total Cobalt	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD
Total Copper	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD
Total Lead	EPA-3020	12/11/2000	ELN	EPA-7421	12/20/2000	TMS
Total Mercury	EPA-7470	12/12/2000	JWH2	EPA-7470	12/13/2000	PAP
Total Nickel	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD
Total Selenium	EPA-3020	12/11/2000	ELN	EPA-7740	12/21/2000	TMS
Total Silver	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD
Total Thallium	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD
Total Vanadium	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD
Total Zinc	EPA-3010	12/11/2000	ELN	EPA-6010	12/12/2000	ARD

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/03/2001
Sample Matrix: Water
QC Batch ID: 200014001-1*METAL

Samples Affected: 00-14001-1 - 00-14001-3

Constituents	QC Sample ID	Sample Result	Sample Duplicate	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Sample R.P.D.	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Total Antimony	TOTAL-14001-1	<100.	<100.	369.5	378.8	400.0	400.0	µg/L	<PQL	2.	20	94.	96.	75 - 125
Total Arsenic	TOTAL-14022-1-	77.08	76.05	100.3	98.98	20.00	20.00	µg/L	1.	1.	20	116.	110.	80 - 120
Total Barium	TOTAL-14001-1	<100.	<100.	185.9	187.5	200.0	200.0	µg/L	<PQL	1.	20	92.	93.	75 - 125
Total Beryllium	TOTAL-14001-1	< 10.	< 10.	173.4	178.0	200.0	200.0	µg/L	<PQL	3.	20	87.	89.	75 - 125
Total Cadmium	TOTAL-14001-1	< 10.	< 10.	192.8	197.3	200.0	200.0	µg/L	<PQL	2.	20	96.	98.	75 - 125
Total Chromium	TOTAL-14001-1	< 10.	< 10.	183.9	189.8	200.0	200.0	µg/L	<PQL	3.	20	92.	95.	75 - 125
Total Cobalt	TOTAL-14001-1	< 50.	< 50.	188.4	195.0	200.0	200.0	µg/L	<PQL	3.	20	95.	98.	75 - 125
Total Copper	TOTAL-14001-1	4.400	7.400	187.4	188.8	200.0	200.0	µg/L	<PQL	1.	20	92.	92.	75 - 125
Total Lead	TOTAL-14022-1	4.616	4.279	24.83	25.11	20.00	20.00	µg/L	<PQL	1.	20	101.	102.	80 - 120
Total Mercury	TOTAL-14001-1	< 0.2	< 0.2	1.095	1.012	1.000	1.000	µg/L	<PQL	8.	20	112.	104.	70 - 130
Total Nickel	TOTAL-14001-1	4.100	5.000	363.4	373.9	400.0	400.0	µg/L	<PQL	3.	20	90.	92.	75 - 125
Total Selenium	TOTAL-14022-1-	< 10.	< 10.	17.90	18.40	20.00	20.00	µg/L	<PQL	3.	20	93.	95.	80 - 120
Total Silver	TOTAL-14001-1	< 10.	< 10.	182.9	183.8	200.0	200.0	µg/L	<PQL	0.	20	92.	92.	75 - 125
Total Thallium	TOTAL-14001-1	<100.	<100.	401.8	413.0	400.0	400.0	µg/L	<PQL	3.	20	94.	97.	75 - 125
Total Vanadium	TOTAL-14001-1	< 10.	< 10.	190.1	195.8	200.0	200.0	µg/L	<PQL	3.	20	95.	98.	75 - 125
Total Zinc	TOTAL-14001-1	9.100	10.90	193.7	201.7	200.0	200.0	µg/L	<PQL	4.	20	92.	96.	75 - 125

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Preparation & Analysis Information)
Method 8150

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/29/2001
Sample Matrix: Water
QC Batch ID: 200014001-1*8150

Samples Affected: 00-14001-1

Constituents	Preparation Method	Preparation Date	Preparation Technician	Analytical Method	Run Date	Analyst
Method 8150 compounds	EPA-3510	12/07/2000	SM/JCM	EPA-8150	12/27/2000	KMS

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8150

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/29/2001
Sample Matrix: Water
QC Batch ID: 200014001-1*8150

Samples Affected: 00-14001-1

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
2,4-D	MS 12/7	< 0.4	2.129	2.347	2.000	2.000	µg/L	10.	30	106.	117.	48 - 213
Dinoseb	MS 12/7	< 0.2	0.625	0.692	1.000	1.000	µg/L	10.	30	62.	69.	1 - 85
2,4,5-T	MS 12/7	< 0.09	0.610	0.643	0.600	0.600	µg/L	5.	30	102.	107.	41 - 226
2,4,5-TP (Silvex)	MS 12/7	< 0.07	0.698	0.745	0.600	0.600	µg/L	6.	30	116.	124.	66 - 166

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Preparation & Analysis Information)
Method 8270

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/29/2001
Sample Matrix: Water
QC Batch ID: 200014001-1*8270

Samples Affected: 00-14001-1 - 00-14001-3

Constituents	Preparation Method	Preparation Date	Preparation Technician	Analytical Method	Run Date	Analyst
Method 8270 compounds	EPA-3510	12/07/2000	YP	EPA-8270	12/14/2000	SKC

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/29/2001
Sample Matrix: Water
QC Batch ID: 200014001-1*8270

Samples Affected: 00-14001-1 - 00-14001-3

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Acenaphthene	MS 12/7	< 2.	67.	66.	80.	80.	µg/L	2.	15	84.	82.	65 - 118
1,4-Dichlorobenzene	MS 12/7	< 2.	67.	65.	80.	80.	µg/L	3.	24	84.	82.	59 - 115
2,4-Dinitrotoluene	MS 12/7	< 2.	72.	71.	80.	80.	µg/L	2.	14	91.	89.	65 - 138
Hexachlorobenzene	MS 12/7	< 2.	71.	70.	80.	80.	µg/L	2.	20	89.	87.	68 - 149
Hexachlorobutadiene	MS 12/7	< 2.	63.	62.	80.	80.	µg/L	3.	30	79.	77.	43 - 121
Hexachloroethane	MS 12/7	< 2.	71.	69.	80.	80.	µg/L	2.	30	88.	86.	41 - 121
Nitrobenzene	MS 12/7	< 2.	66.	65.	80.	80.	µg/L	2.	20	83.	81.	66 - 114
N-Nitrosodi-n-propylamine	MS 12/7	< 2.	69.	68.	80.	80.	µg/L	1.	17	86.	84.	59 - 116
Pyrene	MS 12/7	< 2.	55.	53.	80.	80.	µg/L	3.	20	68.	66.	52 - 144
1,2,4-Trichlorobenzene	MS 12/7	< 2.	65.	65.	80.	80.	µg/L	0.	23	81.	81.	56 - 120
4-Chloro-3-methylphenol	MS 12/7	< 5.	75.	75.	80.	80.	µg/L	1.	30	94.	93.	69 - 133
2-Chlorophenol	MS 12/7	< 2.	73.	71.	80.	80.	µg/L	4.	16	92.	89.	71 - 116
2-Methylphenol	MS 12/7	< 2.	71.	68.	80.	80.	µg/L	4.	20	89.	86.	65 - 122
3- & 4-Methylphenol	MS 12/7	< 2.	59.	58.	80.	80.	µg/L	1.	15	73.	72.	55 - 111
4-Nitrophenol	MS 12/7	< 2.	40.	39.	80.	80.	µg/L	4.	29	50.	48.	23 - 70
Pentachlorophenol	MS 12/7	< 10.	79.	76.	80.	80.	µg/L	4.	20	99.	95.	65 - 160
Phenol	MS 12/7	< 2.	43.	42.	80.	80.	µg/L	2.	25	53.	52.	34 - 63
2,4,6-Trichlorophenol	MS 12/7	< 5.	70.	69.	80.	80.	µg/L	2.	20	88.	86.	63 - 129

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Preparation & Analysis Information)
Method 8080

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/29/2001
Sample Matrix: Water
QC Batch ID: 200014001-1*8080

Samples Affected: 00-14001-1 - 00-14001-3

Constituents	Preparation Method	Preparation Date	Preparation Technician	Analytical Method	Run Date	Analyst
Method 8080 compounds	EPA-3510	12/07/2000	YP	EPA-8080	12/15/2000	RKJ

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8080

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/29/2001
Sample Matrix: Water
QC Batch ID: 200014001-1*8080

Samples Affected: 00-14001-1 - 00-14001-3

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Aldrin	MS 12/7	< 0.005	0.241	0.215	0.250	0.250	µg/L	11.	22	96.	86.	57 - 134
gamma-BHC	MS 12/7	< 0.005	0.180	0.161	0.250	0.250	µg/L	13.	20	72.	64.	61 - 134
4,4'-DDT	MS 12/7	< 0.005	0.253	0.223	0.250	0.250	µg/L	13.	24	101.	89.	61 - 142
Dieldrin	MS 12/7	< 0.005	0.223	0.199	0.250	0.250	µg/L	11.	23	89.	80.	63 - 144
Endrin	MS 12/7	< 0.005	0.239	0.209	0.250	0.250	µg/L	14.	25	96.	84.	65 - 146
Heptachlor	MS 12/7	< 0.005	0.227	0.200	0.250	0.250	µg/L	11.	24	91.	80.	59 - 126

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chain of Custody Form

04629

PLEASE COMPLETE: BCL QUOTE ID:

Page 1 of 1

Report To:
Client: Geologic Associates
Attn: Sarah Bottelle
Street Address: 1360 Valley Vista Dr.
City, State, Zip: Diamond Bar, CA 91765
Phone: 858-861-1136 Fax:
Email Address:
Submittal #: 00-14119

Project #:
Project Name:
Project Code:
Sampler(s): Ben Salinas
Bill Lopez, Antonio Ramirez

Analysis Requested

Comments: Any questions Re: Analyses, please call Sarah Bottelle. Used BAS D.I. Water for Field & Equip. Blanks. No lab water provided

Are there any tests with holding times less than or equal to 48 hours? ☐ Yes ☐ No

* Standard Turnaround = 15 work days

Sample # (Laboratory)	Description	Date Sampled	Time Sampled	Chloride, Sulfate, TDS, Nitrate (N), pH	Metals: Ca, Mg, Na, K, Mg (Except Molybdenum + Tin)	Aldehyde 8270 (SVOCs + organophosphorus pesticides)	Cyanide, Sulfide, Chromium VI, Herbicides	8260 (Volatiles)	8080 (Organochlorine Pesticides + PCBs)	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
10	GLA-2 -1	12/6/00	1110	X	X	X	X	X	X	X	X	X	X				
	GLA-4 -2		0930	X	X	X	X	X	X	X	X	X					
	GLA-5 -3		0845	X	X	X	X	X	X	X	X	X					
	GLA-10 -4		1220	X	X	X	X	X	X	X	X	X					
	GLA-12 -5		0945	X	X	X	X	X	X	X	X	X					
	GLA-14 -6		1125	X	X	X	X	X	X	X	X	X					
	SW-1 -7		1420	X	X	X	X	X	X	X	X	X			SW		Surface Water
	SW-2 -8		1330	X	X	X	X	X	X	X	X	X			SW		Surface Water
	MWD-34 -9		1240	X	X	X	X	X	X	X	X	X					
10	Lucio-2 -10		1310	X	X	X	X	X	X	X	X	X					
1	Field Blank -11		—				X								W		D.I. Water
1	Equip. Blank -12		—				X								W		
1	Trip Blank -13TB	12/6/00	—				X								W		

CHK BY: MA BG SB
DISTRIBUTION: SUB-OUT ☐
SHORT HOLDING TIME: Cr^{+6} NO_2 NO_3 OP SS DO BOD MBAS C O T

Billing ☒ Same as above
Client:
Address:
City: State Zip
Attn:
PO#:

Report Drinking Waters on State Form? ☐ Yes ☐ No
Send Copy to State of CA? ☐ Yes ☐ No

Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months

Special Reporting: ☐ QC ☐ WIP ☐ Raw Data

	Relinquished By	Date	Time	Received By	Date	Time
1.	Ben Salinas	12/6/00	1605	[signature]	12/6/00	1605
2.	[signature]	12/7/00		[signature]	12-7-00	13:50
3.	[signature]	12-7-00	16:20	[signature]	12/7/00	1625

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No.7 10/03/00 Page 1 Of 4

Submission #: 00-14119 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☒ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☒ Comments: See comment Below!

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☒

COC Received

☒ YES ☐ NO

Ice Chest ID _____ Date/Time 12/7/00
Temperature: 1.6 °C 1620
Thermometer ID: 80 Analyst Init PC
Emissivity 95
Container QT PE

Ice Chest ID _____ Date/Time _____
Temperature: _____ °C
Thermometer ID: _____ Analyst Init _____
Emissivity _____
Container _____

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10	11	12	13 TB	2	3	4	5	6	7	8	9	10	11	12
QT GENERAL MINERAL/ GENERAL PHYSICAL	1	1	1																					
PT PE UNPRESERVED																								
QT INORGANIC CHEMICAL METALS	1	1	1																					
PT INORGANIC CHEMICAL METALS																								
PT CYANIDE			1																					
PT NITROGEN FORMS																								
PT TOTAL SULFIDE		1	1																					
2oz. NITRATE / NITRITE																								
100ml TOTAL ORGANIC CARBON																								
QT TOX																								
PT CHEMICAL OXYGEN DEMAND																								
100ml PHENOLICS																								
40ml VOA VIAL TRAVEL BLANK													1											
40ml VOA VIAL	2	2	2		2	2					1													
QT EPA 413.1, 413.2, 418.1																								
PT ODOR																								
RADIOLOGICAL																								
BACTERIOLOGICAL																								
PT EPA 504																								
QT EPA 508/608/8080	1	1	1																					
QT EPA 515.1/8150	1	1	1																					
QT EPA ~~525~~ 625/8270	2	2	2																					
QT EPA 525 TRAVEL BLANK																								
100ml EPA 547																								
100ml EPA 531.1																								
QT EPA 548																								
QT EPA 549																								
QT EPA 632																								
QT EPA 8015M																								
QT QA/QC																								
QT AMBER																								
8 OZ. JAR																								
32 OZ. JAR																								
SOIL SLEEVE																								
PCB VIAL																								
PLASTIC BAG																								

*NOTE: "-10"; the COC reads Lucio-2, the actual containers read Lucio-4.

Comments:

Sample Numbering Completed By: CRL Date/Time: 12/7/00 1830 [F:\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No.7 10/03/00 Page 2 Of 4

Submission #: 00-14119 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☒ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received

☒ YES ☐ NO

Ice Chest ID _____ Date/Time 12/7/00
Temperature: 11 °C 1620
Thermometer ID: 80 Analyst Init PK
Emissivity .95
Container Qtpt

Ice Chest ID _____ Date/Time _____
Temperature: _____ °C
Thermometer ID: _____ Analyst Init _____
Emissivity _____
Container _____

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
QT GENERAL MINERAL/ GENERAL PHYSICAL					1	1																		
PT PE UNPRESERVED																								
QT INORGANIC CHEMICAL METALS					1	1																		
PT INORGANIC CHEMICAL METALS																								
PT CYANIDE					1	1																		
PT NITROGEN FORMS																								
PT TOTAL SULFIDE					1	1																		
2oz. NITRATE / NITRITE																								
100ml TOTAL ORGANIC CARBON																								
QT TOX																								
PT CHEMICAL OXYGEN DEMAND																								
100ml PHENOLICS																								
40ml VOA VIAL TRAVEL BLANK																								
40ml VOA VIAL							2	2		2														
QT EPA 413.1, 413.2, 418.1																								
PT ODOR																								
RADIOLOGICAL																								
BACTERIOLOGICAL																								
PT EPA 504																								
QT EPA 508/608/8080					1	1																		
QT EPA 515.1/8150					1	1																		
QT EPA ~~525~~ 625/8270					2	2																		
QT EPA 525 TRAVEL BLANK																								
100ml EPA 547																								
100ml EPA 531.1																								
QT EPA 548																								
QT EPA 549																								
QT EPA 632																								
QT EPA 8015M																								
QT QA/QC																								
QT AMBER																								
8 OZ. JAR																								
32 OZ. JAR																								
SOIL SLEEVE																								
PCB VIAL																								
PLASTIC BAG																								

Comments:_____

Sample Numbering Completed By: CCL Date/Time: 12/7/00 1845 [F:\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No.7 10/03/00 Page 3 Of 4

Submission #: 00-14119 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☒ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received

☒ YES ☐ NO

Ice Chest ID _____ Date/Time 12/7/00
Temperature: -0.1 °C 1625
Thermometer ID: 80 Analyst Init PK
Emissivity 95
Container Qt pg

Ice Chest ID _____ Date/Time _____
Temperature: _____ °C
Thermometer ID: _____ Analyst Init _____
Emissivity _____
Container _____

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
QT GENERAL MINERAL/ GENERAL PHYSICAL				1					1															
PT PE UNPRESERVED																								
QT INORGANIC CHEMICAL METALS				1					1															
PT INORGANIC CHEMICAL METALS																								
PT CYANIDE	1	1		1					1															
PT NITROGEN FORMS																								
PT TOTAL SULFIDE	1			1					1															
2oz. NITRATE / NITRITE																								
100ml TOTAL ORGANIC CARBON																								
QT TOX																								
PT CHEMICAL OXYGEN DEMAND																								
100ml PHENOLICS																								
40ml VOA VIAL TRAVEL BLANK																								
40ml VOA VIAL				2					2			1												
QT EPA 413.1, 413.2, 418.1																								
PT ODOR																								
RADIOLOGICAL																								
BACTERIOLOGICAL																								
PT EPA 504																								
QT EPA 508/608/8080				1			1		1															
QT EPA 515.1/8150				1			1		1															
QT EPA ~~525~~ 1625/8270				2			2		2															
QT EPA 525 TRAVEL BLANK																								
100ml EPA 547																								
100ml EPA 531.1																								
QT EPA 548																								
QT EPA 549																								
QT EPA 632																								
QT EPA 8015M																								
QT QA/QC																								
QT AMBER																								
8 OZ. JAR																								
32 OZ. JAR																								
SOIL SLEEVE																								
PCB VIAL																								
PLASTIC BAG																								

Comments:_____

Sample Numbering Completed By: CKl Date/Time: 12/7/00 1900

[F:\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No.7 10/03/00 Page 4 Of 4

Submission #: 00-14119 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☒ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received

☒ YES ☐ NO

Ice Chest ID _____ Date/Time 12/7/00
Temperature: 2.5 °C 1625
Thermometer ID: 80 Analyst Init PK
Emissivity .95
Container QTPE

Ice Chest ID _____ Date/Time _____
Temperature: _____ °C
Thermometer ID: _____ Analyst Init _____
Emissivity _____
Container _____

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
QT GENERAL MINERAL/ GENERAL PHYSICAL							1	1		1														
PT PE UNPRESERVED																								
QT INORGANIC CHEMICAL METALS							1	1		1														
PT INORGANIC CHEMICAL METALS																								
PT CYANIDE							1	1		1														
PT NITROGEN FORMS																								
PT TOTAL SULFIDE							1	1		1														
2oz. NITRATE / NITRITE																								
100ml TOTAL ORGANIC CARBON																								
QT TOX																								
PT CHEMICAL OXYGEN DEMAND																								
100ml PHENOLICS																								
40ml VOA VIAL TRAVEL BLANK																								
40ml VOA VIAL																								
QT EPA 413.1, 413.2, 418.1																								
PT ODOR																								
RADIOLOGICAL																								
BACTERIOLOGICAL																								
PT EPA 504																								
QT EPA 508/608/8080								1		1														
QT EPA 515.1/8150								1		1														
QT EPA ~~525~~ 625/8270								2		2														
QT EPA 525 TRAVEL BLANK																								
100ml EPA 547																								
100ml EPA 531.1																								
QT EPA 548																								
QT EPA 549																								
QT EPA 632																								
QT EPA 8015M																								
QT QA/QC																								
QT AMBER																								
8 OZ. JAR																								
32 OZ. JAR																								
SOIL SLEEVE																								
PCB VIAL																								
PLASTIC BAG																								

Comments:_____

Sample Numbering Completed By: CCC Date/Time: 12/7/00 1900

[F:\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-1

Project Number: GREGORY CANYON
Sample ID: GLA-2
Sampling Date/Time: 12/06/2000 @ 11:10
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Calcium	120.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Magnesium	71.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Sodium	200.	mg/L	0.50	0.07	EPA-6010	12/13/00	12/14/00
Sulfate	160.	mg/L	2.0	0.50	EPA-300.0	12/08/00	12/08/00
Chloride	369.	mg/L	1.0	0.18	EPA-300.0	12/08/00	12/08/00
Nitrate as N	41.8	mg/L	0.5	0.10	EPA-300.0	12/08/00	12/08/00
pH	7.39	pH Units	-.	-.	EPA-9040	12/08/00	12/08/00
Total Dissolved Solids @ 180 C	1400.	mg/L	100.	50.	EPA-160.1	12/11/00	12/11/00
Total Cyanide	None Detected	mg/L	0.02	0.0063	EPA-9012	12/14/00	12/14/00
Total Sulfide	None Detected	mg/L	0.1	0.050	EPA-9030	12/11/00	12/11/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

M. Atencio

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-2

Project Number: GREGORY CANYON
Sample ID: GLA-4
Sampling Date/Time: 12/06/2000 @ 09:30
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Calcium	58.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Magnesium	21.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Sodium	68.	mg/L	0.50	0.07	EPA-6010	12/13/00	12/14/00
Sulfate	39.	mg/L	1.	0.25	EPA-300.0	12/08/00	12/08/00
Chloride	68.	mg/L	0.5	0.090	EPA-300.0	12/08/00	12/08/00
Nitrate as N	1.61	mg/L	0.1	0.020	EPA-300.0	12/08/00	12/08/00
pH	7.21	pH Units	-.	-.	EPA-9040	12/08/00	12/08/00
Total Dissolved Solids @ 180 C	477.	mg/L	40.	20.	EPA-160.1	12/11/00	12/11/00
Total Cyanide	None Detected	mg/L	0.02	0.0063	EPA-9012	12/14/00	12/14/00
Total Sulfide	None Detected	mg/L	0.1	0.050	EPA-9030	12/11/00	12/11/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-3

Project Number: GREGORY CANYON
Sample ID: GLA-5
Sampling Date/Time: 12/06/2000 @ 08:45
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Calcium	93.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Magnesium	56.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Sodium	100.	mg/L	0.50	0.07	EPA-6010	12/13/00	12/14/00
Sulfate	313.	mg/L	1.	0.25	EPA-300.0	12/08/00	12/08/00
Chloride	156.	mg/L	0.5	0.090	EPA-300.0	12/08/00	12/08/00
Nitrate as N	18.6	mg/L	0.1	0.020	EPA-300.0	12/08/00	12/08/00
pH	7.09	pH Units	-.	-.	EPA-9040	12/08/00	12/08/00
Total Dissolved Solids @ 180 C	1030.	mg/L	50.	30.	EPA-160.1	12/11/00	12/11/00
Total Cyanide	None Detected	mg/L	0.02	0.0063	EPA-9012	12/14/00	12/14/00
Total Sulfide	None Detected	mg/L	0.1	0.050	EPA-9030	12/11/00	12/11/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

M. Atencio

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4

Project Number: GREGORY CANYON
Sample ID: GLA-10
Sampling Date/Time: 12/06/2000 @ 12:20
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Calcium	57.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Magnesium	32.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Sodium	82.	mg/L	0.50	0.07	EPA-6010	12/13/00	12/14/00
Sulfate	61.	mg/L	1.	0.25	EPA-300.0	12/08/00	12/08/00
Chloride	142.	mg/L	0.5	0.090	EPA-300.0	12/08/00	12/08/00
Nitrate as N	6.34	mg/L	0.1	0.020	EPA-300.0	12/08/00	12/08/00
pH	7.35	pH Units	-.	-.	EPA-9040	12/08/00	12/08/00
Total Dissolved Solids @ 180 C	637.	mg/L	40.	20.	EPA-160.1	12/11/00	12/11/00
Total Cyanide	None Detected	mg/L	0.02	0.0063	EPA-9012	12/14/00	12/14/00
Total Sulfide	None Detected	mg/L	0.1	0.050	EPA-9030	12/11/00	12/11/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

M. Atencio

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-5

Project Number: GREGORY CANYON
Sample ID: GLA-12
Sampling Date/Time: 12/06/2000 @ 09:45
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Calcium	42.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Magnesium	26.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Sodium	74.	mg/L	0.50	0.07	EPA-6010	12/13/00	12/14/00
Sulfate	38.	mg/L	1.	0.25	EPA-300.0	12/08/00	12/08/00
Chloride	115.	mg/L	0.5	0.090	EPA-300.0	12/08/00	12/08/00
Nitrate as N	0.24	mg/L	0.1	0.020	EPA-300.0	12/08/00	12/08/00
pH	7.38	pH Units	-.	-.	EPA-9040	12/08/00	12/08/00
Total Dissolved Solids @ 180 C	517.	mg/L	40.	20.	EPA-160.1	12/11/00	12/11/00
Total Cyanide	None Detected	mg/L	0.02	0.0063	EPA-9012	12/14/00	12/14/00
Total Sulfide	None Detected	mg/L	0.1	0.050	EPA-9030	12/11/00	12/11/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-6

Project Number: GREGORY CANYON
Sample ID: GLA-14
Sampling Date/Time: 12/06/2000 @ 11:25
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Calcium	69.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Magnesium	39.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Sodium	84.	mg/L	0.50	0.07	EPA-6010	12/13/00	12/14/00
Sulfate	74.	mg/L	1.	0.25	EPA-300.0	12/08/00	12/08/00
Chloride	159.	mg/L	0.5	0.090	EPA-300.0	12/08/00	12/08/00
Nitrate as N	15.6	mg/L	0.1	0.020	EPA-300.0	12/08/00	12/08/00
pH	7.47	pH Units	-.	-.	EPA-9040	12/08/00	12/08/00
Total Dissolved Solids @ 180 C	697.	mg/L	40.	20.	EPA-160.1	12/11/00	12/11/00
Total Cyanide	None Detected	mg/L	0.02	0.0063	EPA-9012	12/14/00	12/14/00
Total Sulfide	None Detected	mg/L	0.1	0.050	EPA-9030	12/11/00	12/11/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

M. Atencio

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-7

Project Number: GREGORY CANYON
Sample ID: SW-1
Sampling Date/Time: 12/06/2000 @ 14:20
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Calcium		81.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Magnesium		30.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Sodium		67.	mg/L	0.50	0.07	EPA-6010	12/13/00	12/14/00
Sulfate		185.	mg/L	1.	0.25	EPA-300.0	12/08/00	12/08/00
Chloride		103.	mg/L	0.5	0.090	EPA-300.0	12/08/00	12/08/00
Nitrate as N	*02	0.030	mg/L	0.1	0.020	EPA-300.0	12/08/00	12/08/00
pH		7.92	pH Units	-.	-.	EPA-9040	12/08/00	12/08/00
Total Dissolved Solids @ 180 C		657.	mg/L	40.	20.	EPA-160.1	12/11/00	12/11/00
Total Cyanide		None Detected	mg/L	0.02	0.0063	EPA-9012	12/14/00	12/14/00
Total Sulfide		0.43	mg/L	0.1	0.050	EPA-9030	12/11/00	12/11/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

M. Atencio

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-8

Project Number: GREGORY CANYON
Sample ID: SW-2
Sampling Date/Time: 12/06/2000 @ 13:30
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Calcium		78.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Magnesium		29.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Sodium		65.	mg/L	0.50	0.07	EPA-6010	12/13/00	12/14/00
Sulfate		185.	mg/L	1.	0.25	EPA-300.0	12/08/00	12/08/00
Chloride		105.	mg/L	0.5	0.090	EPA-300.0	12/08/00	12/08/00
Nitrate as N	*02	0.021	mg/L	0.1	0.020	EPA-300.0	12/08/00	12/08/00
pH		7.92	pH Units	-.	-.	EPA-9040	12/08/00	12/08/00
Total Dissolved Solids @ 180 C		660.	mg/L	40.	20.	EPA-160.1	12/11/00	12/11/00
Total Cyanide		None Detected	mg/L	0.02	0.0063	EPA-9012	12/14/00	12/14/00
Total Sulfide		None Detected	mg/L	0.1	0.050	EPA-9030	12/11/00	12/11/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-9

Project Number: GREGORY CANYON
Sample ID: MWD-34
Sampling Date/Time: 12/06/2000 @ 12:40
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Calcium	74.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Magnesium	26.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Sodium	58.	mg/L	0.50	0.07	EPA-6010	12/13/00	12/14/00
Sulfate	144.	mg/L	1.	0.25	EPA-300.0	12/08/00	12/08/00
Chloride	75.	mg/L	0.5	0.090	EPA-300.0	12/08/00	12/08/00
Nitrate as N	None Detected	mg/L	0.1	0.020	EPA-300.0	12/08/00	12/08/00
pH	7.64	pH Units	-.	-.	EPA-9040	12/08/00	12/08/00
Total Dissolved Solids @ 180 C	547.	mg/L	40.	20.	EPA-160.1	12/11/00	12/11/00
Total Cyanide	None Detected	mg/L	0.02	0.0063	EPA-9012	12/14/00	12/14/00
Total Sulfide	None Detected	mg/L	0.1	0.050	EPA-9030	12/11/00	12/11/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-10

Project Number: GREGORY CANYON
Sample ID: LUCIO-2
Sampling Date/Time: 12/06/2000 @ 13:10
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Calcium	86.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Magnesium	30.	mg/L	0.050	0.02	EPA-6010	12/13/00	12/14/00
Total Sodium	60.	mg/L	0.50	0.07	EPA-6010	12/13/00	12/14/00
Sulfate	147.	mg/L	1.	0.25	EPA-300.0	12/08/00	12/08/00
Chloride	94.	mg/L	0.5	0.090	EPA-300.0	12/08/00	12/08/00
Nitrate as N	0.42	mg/L	0.1	0.020	EPA-300.0	12/08/00	12/08/00
pH	7.35	pH Units	-.	-.	EPA-9040	12/08/00	12/08/00
Total Dissolved Solids @ 180 C	657.	mg/L	40.	20.	EPA-160.1	12/11/00	12/11/00
Total Cyanide	None Detected	mg/L	0.02	0.0063	EPA-9012	12/14/00	12/14/00
Total Sulfide	None Detected	mg/L	0.1	0.050	EPA-9030	12/11/00	12/11/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

M. Atencio

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/02/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-1MB

Project Number: GREGORY CANYON
Sample ID: METHOD BLANK

Constituents		Results	Units	P.Q.L.	M.D.L.	Method
Total Calcium	*02	0.02	mg/L	0.050	0.014	EPA-6010
Total Magnesium		None Detected	mg/L	0.050	0.016	EPA-6010
Total Sodium		None Detected	mg/L	0.50	0.064	EPA-6010
Sulfate		None Detected	mg/L	1.0	0.25	EPA-300.0
Chloride		None Detected	mg/L	0.5	0.09	EPA-300.0
Nitrate as N		None Detected	mg/L	0.1	0.02	EPA-300.0
Total Dissolved Solids @ 180 C		None Detected	mg/L	10.	5.	EPA-160.1
Total Cyanide		None Detected	mg/L	0.02	0.01	EPA-9010
Total Sulfide		None Detected	mg/L	0.1	0.05	EPA-9030

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/02/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-2MB

Project Number: GREGORY CANYON
Sample ID: METHOD BLANK

Constituents		Results	Units	P.Q.L.	M.D.L.	Method
Total Calcium	*02	0.02	mg/L	0.050	0.014	EPA-6010
Total Magnesium		None Detected	mg/L	0.050	0.016	EPA-6010
Total Sodium		None Detected	mg/L	0.50	0.064	EPA-6010
Sulfate		None Detected	mg/L	1.0	0.25	EPA-300.0
Chloride		None Detected	mg/L	0.5	0.09	EPA-300.0
Nitrate as N		None Detected	mg/L	0.1	0.02	EPA-300.0
Total Dissolved Solids @ 180 C		None Detected	mg/L	10.	5.	EPA-160.1
Total Cyanide		None Detected	mg/L	0.02	0.01	EPA-9010
Total Sulfide		None Detected	mg/L	0.1	0.05	EPA-9030

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Marna Atencio
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-1

Project Number: GREGORY CANYON
Sample ID: GLA-2
Sampling Date/Time: 12/06/2000 @ 11:10
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Antimony	*02	10.	µg/L	100.	8.	EPA-6010	12/13/00	12/14/00
Total Arsenic	*02	1.	µg/L	2.	0.7	EPA-7060	12/12/00	12/22/00
Total Barium	*02	53.	µg/L	100.	0.9	EPA-6010	12/13/00	12/14/00
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010	12/13/00	12/14/00
Total Cadmium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Chromium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Cobalt		None Detected	µg/L	50.	2.	EPA-6010	12/13/00	12/14/00
Total Copper	*02	5.	µg/L	10.	3.	EPA-6010	12/13/00	12/17/00
Total Lead	*02	0.4	µg/L	5.	0.4	EPA-7421	12/12/00	12/21/00
Total Mercury		None Detected	µg/L	0.2	0.10	EPA-7470	12/12/00	12/13/00
Total Nickel		None Detected	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Selenium	*04	3.	µg/L	2.	0.6	EPA-7740	12/12/00	12/22/00
Total Silver	*02	4.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Thallium		None Detected	µg/L	100.	20.	EPA-6010	12/13/00	12/15/00
Total Vanadium		40.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Zinc		8.5	µg/L	50.	0.89	EPA-6010	12/13/00	12/15/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.
*04 = Sample specific matrix spike recovery(s) are not within QC limits.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-2

Project Number: GREGORY CANYON
Sample ID: GLA-4
Sampling Date/Time: 12/06/2000 @ 09:30
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Antimony	*02	20.	µg/L	100.	8.	EPA-6010	12/13/00	12/14/00
Total Arsenic		None Detected	µg/L	2.	0.7	EPA-7060	12/12/00	12/20/00
Total Barium	*02	30.	µg/L	100.	0.9	EPA-6010	12/13/00	12/14/00
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010	12/13/00	12/14/00
Total Cadmium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Chromium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Cobalt		None Detected	µg/L	50.	2.	EPA-6010	12/13/00	12/14/00
Total Copper	*02	8.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Lead	*02	0.4	µg/L	5.	0.4	EPA-7421	12/12/00	12/20/00
Total Mercury		None Detected	µg/L	0.2	0.10	EPA-7470	12/12/00	12/13/00
Total Nickel		None Detected	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Selenium	*16	None Detected	µg/L	2.	0.6	EPA-7740	12/12/00	12/20/00
Total Silver	*02	4.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Thallium		None Detected	µg/L	100.	20.	EPA-6010	12/13/00	12/15/00
Total Vanadium		10.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Zinc	*02	32.	µg/L	50.	0.89	EPA-6010	12/13/00	12/14/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.
*16 = Batch specific matrix spike recovery(s) are not within QC limits. Accuracy verified through LCS.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-3

Project Number: GREGORY CANYON
Sample ID: GLA-5
Sampling Date/Time: 12/06/2000 @ 08:45
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Antimony	*02	10.	µg/L	100.	8.	EPA-6010	12/13/00	12/14/00
Total Arsenic		None Detected	µg/L	2.	0.7	EPA-7060	12/12/00	12/20/00
Total Barium		150.	µg/L	100.	0.9	EPA-6010	12/13/00	12/14/00
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010	12/13/00	12/14/00
Total Cadmium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Chromium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Cobalt		None Detected	µg/L	50.	2.	EPA-6010	12/13/00	12/14/00
Total Copper		None Detected	µg/L	10.	3.	EPA-6010	12/13/00	12/17/00
Total Lead		None Detected	µg/L	5.	0.4	EPA-7421	12/12/00	12/20/00
Total Mercury		None Detected	µg/L	0.2	0.10	EPA-7470	12/12/00	12/13/00
Total Nickel		None Detected	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Selenium	*16	None Detected	µg/L	2.	0.6	EPA-7740	12/12/00	12/20/00
Total Silver	*02	3.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Thallium		None Detected	µg/L	100.	20.	EPA-6010	12/13/00	12/15/00
Total Vanadium		20.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Zinc	*02	18.	µg/L	50.	0.89	EPA-6010	12/13/00	12/14/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.
*16 = Batch specific matrix spike recovery(s) are not within QC limits. Accuracy verified through LCS.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4

Project Number: GREGORY CANYON
Sample ID: GLA-10
Sampling Date/Time: 12/06/2000 @ 12:20
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Antimony	*02	9.	µg/L	100.	8.	EPA-6010	12/13/00	12/14/00
Total Arsenic		None Detected	µg/L	2.	0.7	EPA-7060	12/12/00	12/20/00
Total Barium	*02	61.	µg/L	100.	0.9	EPA-6010	12/13/00	12/14/00
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010	12/13/00	12/14/00
Total Cadmium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Chromium	*02	4.	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Cobalt		None Detected	µg/L	50.	2.	EPA-6010	12/13/00	12/14/00
Total Copper	*02	9.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Lead	*02	0.6	µg/L	5.	0.4	EPA-7421	12/12/00	12/20/00
Total Mercury		None Detected	µg/L	0.2	0.10	EPA-7470	12/12/00	12/13/00
Total Nickel	*02	4.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Selenium	*16	None Detected	µg/L	2.	0.6	EPA-7740	12/12/00	12/20/00
Total Silver	*02	5.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Thallium		None Detected	µg/L	100.	20.	EPA-6010	12/13/00	12/15/00
Total Vanadium		30.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Zinc	*02	26.	µg/L	50.	0.89	EPA-6010	12/13/00	12/14/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.
*16 = Batch specific matrix spike recovery(s) are not within QC limits. Accuracy verified through LCS.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-5

Project Number: GREGORY CANYON
Sample ID: GLA-12
Sampling Date/Time: 12/06/2000 @ 09:45
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Antimony	*02	20.	µg/L	100.	8.	EPA-6010	12/13/00	12/14/00
Total Arsenic		None Detected	µg/L	2.	0.7	EPA-7060	12/12/00	12/20/00
Total Barium	*02	20.	µg/L	100.	0.9	EPA-6010	12/13/00	12/14/00
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010	12/13/00	12/14/00
Total Cadmium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Chromium	*02	5.	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Cobalt		None Detected	µg/L	50.	2.	EPA-6010	12/13/00	12/14/00
Total Copper	*02	8.	µg/L	10.	3.	EPA-6010	12/13/00	12/17/00
Total Lead	*02	2.	µg/L	5.	0.4	EPA-7421	12/12/00	12/20/00
Total Mercury		None Detected	µg/L	0.2	0.10	EPA-7470	12/12/00	12/13/00
Total Nickel	*02	4.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Selenium	*16	None Detected	µg/L	2.	0.6	EPA-7740	12/12/00	12/20/00
Total Silver	*02	6.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Thallium		None Detected	µg/L	100.	20.	EPA-6010	12/13/00	12/15/00
Total Vanadium		30.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Zinc	*02	16.	µg/L	50.	0.89	EPA-6010	12/13/00	12/14/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.
*16 = Batch specific matrix spike recovery(s) are not within QC limits. Accuracy verified through LCS.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-6

Project Number: GREGORY CANYON
Sample ID: GLA-14
Sampling Date/Time: 12/06/2000 @ 11:25
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Antimony	*02	10.	µg/L	100.	8.	EPA-6010	12/13/00	12/14/00
Total Arsenic		None Detected	µg/L	2.	0.7	EPA-7060	12/12/00	12/21/00
Total Barium	*02	96.	µg/L	100.	0.9	EPA-6010	12/13/00	12/14/00
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010	12/13/00	12/14/00
Total Cadmium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Chromium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Cobalt		None Detected	µg/L	50.	2.	EPA-6010	12/13/00	12/14/00
Total Copper	*02	7.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Lead		None Detected	µg/L	5.	0.4	EPA-7421	12/12/00	12/21/00
Total Mercury		None Detected	µg/L	0.2	0.10	EPA-7470	12/12/00	12/13/00
Total Nickel		None Detected	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Selenium	*	2.	µg/L	2.	0.6	EPA-7740	12/12/00	12/21/00
Total Silver		None Detected	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Thallium		None Detected	µg/L	100.	20.	EPA-6010	12/13/00	12/15/00
Total Vanadium		30.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Zinc	*02	12.	µg/L	50.	0.89	EPA-6010	12/13/00	12/14/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
* = Batch specific matrix spike recovery(s) are not within QC limits. Accuracy verified through LCS. Sample result is between the MDL and PQL.
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-7

Project Number: GREGORY CANYON
Sample ID: SW-1
Sampling Date/Time: 12/06/2000 @ 14:20
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Antimony	*02	10.	µg/L	100.	8.	EPA-6010	12/13/00	12/14/00
Total Arsenic	*02	2.	µg/L	2.	0.7	EPA-7060	12/12/00	12/20/00
Total Barium	*02	77.	µg/L	100.	0.9	EPA-6010	12/13/00	12/14/00
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010	12/13/00	12/14/00
Total Cadmium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Chromium	*02	5.	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Cobalt		None Detected	µg/L	50.	2.	EPA-6010	12/13/00	12/14/00
Total Copper	*02	9.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Lead		None Detected	µg/L	5.	0.4	EPA-7421	12/12/00	12/20/00
Total Mercury		None Detected	µg/L	0.2	0.10	EPA-7470	12/12/00	12/13/00
Total Nickel		None Detected	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Selenium	*16	None Detected	µg/L	2.	0.6	EPA-7740	12/12/00	12/20/00
Total Silver	*02	6.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Thallium		None Detected	µg/L	100.	20.	EPA-6010	12/13/00	12/15/00
Total Vanadium		10.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Zinc	*02	6.6	µg/L	50.	0.89	EPA-6010	12/13/00	12/14/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.
*16 = Batch specific matrix spike recovery(s) are not within QC limits. Accuracy verified through LCS.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-8

Project Number: GREGORY CANYON
Sample ID: SW-2
Sampling Date/Time: 12/06/2000 @ 13:30
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Antimony	*02	20.	µg/L	100.	8.	EPA-6010	12/13/00	12/14/00
Total Arsenic	*02	0.9	µg/L	2.	0.7	EPA-7060	12/12/00	12/21/00
Total Barium	*02	80.	µg/L	100.	0.9	EPA-6010	12/13/00	12/14/00
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010	12/13/00	12/14/00
Total Cadmium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Chromium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Cobalt		None Detected	µg/L	50.	2.	EPA-6010	12/13/00	12/14/00
Total Copper	*02	8.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Lead		None Detected	µg/L	5.	0.4	EPA-7421	12/12/00	12/21/00
Total Mercury		None Detected	µg/L	0.2	0.10	EPA-7470	12/12/00	12/13/00
Total Nickel		None Detected	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Selenium	*16	None Detected	µg/L	2.	0.6	EPA-7740	12/12/00	12/21/00
Total Silver	*02	4.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Thallium		None Detected	µg/L	100.	20.	EPA-6010	12/13/00	12/14/00
Total Vanadium	*02	8.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Zinc	*02	6.7	µg/L	50.	0.89	EPA-6010	12/13/00	12/14/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.
*16 = Batch specific matrix spike recovery(s) are not within QC limits. Accuracy verified through LCS.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-9

Project Number: GREGORY CANYON
Sample ID: MWD-34
Sampling Date/Time: 12/06/2000 @ 12:40
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Antimony		None Detected	µg/L	100.	8.	EPA-6010	12/13/00	12/14/00
Total Arsenic		None Detected	µg/L	2.	0.7	EPA-7060	12/12/00	12/21/00
Total Barium	*02	100.	µg/L	100.	0.9	EPA-6010	12/13/00	12/14/00
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010	12/13/00	12/14/00
Total Cadmium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Chromium	*02	4.	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Cobalt		None Detected	µg/L	50.	2.	EPA-6010	12/13/00	12/14/00
Total Copper	*02	6.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Lead		None Detected	µg/L	5.	0.4	EPA-7421	12/12/00	12/21/00
Total Mercury		None Detected	µg/L	0.2	0.10	EPA-7470	12/12/00	12/13/00
Total Nickel		None Detected	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Selenium	*16	None Detected	µg/L	2.	0.6	EPA-7740	12/12/00	12/21/00
Total Silver	*02	4.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Thallium		None Detected	µg/L	100.	20.	EPA-6010	12/13/00	12/14/00
Total Vanadium		None Detected	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Zinc	*02	14.	µg/L	50.	0.89	EPA-6010	12/13/00	12/14/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.
*16 = Batch specific matrix spike recovery(s) are not within QC limits. Accuracy verified through LCS.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-10

Project Number: GREGORY CANYON
Sample ID: LUCIO-2
Sampling Date/Time: 12/06/2000 @ 13:10
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents		Results	Units	P.Q.L.	M.D.L.	Method	Date Prepared	Date Analyzed
Total Antimony		None Detected	µg/L	100.	8.	EPA-6010	12/13/00	12/14/00
Total Arsenic		None Detected	µg/L	2.	0.7	EPA-7060	12/12/00	12/20/00
Total Barium		110.	µg/L	100.	0.9	EPA-6010	12/13/00	12/14/00
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010	12/13/00	12/14/00
Total Cadmium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Chromium		None Detected	µg/L	10.	4.	EPA-6010	12/13/00	12/14/00
Total Cobalt		None Detected	µg/L	50.	2.	EPA-6010	12/13/00	12/14/00
Total Copper	*02	7.	µg/L	10.	3.	EPA-6010	12/13/00	12/17/00
Total Lead	*02	0.7	µg/L	5.	0.4	EPA-7421	12/12/00	12/20/00
Total Mercury		None Detected	µg/L	0.2	0.10	EPA-7470	12/12/00	12/13/00
Total Nickel		None Detected	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Selenium	*16	None Detected	µg/L	2.	0.6	EPA-7740	12/12/00	12/20/00
Total Silver		None Detected	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Thallium		None Detected	µg/L	100.	20.	EPA-6010	12/13/00	12/14/00
Total Vanadium		10.	µg/L	10.	3.	EPA-6010	12/13/00	12/14/00
Total Zinc	*02	21.	µg/L	50.	0.89	EPA-6010	12/13/00	12/14/00

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.
*16 = Batch specific matrix spike recovery(s) are not within QC limits. Accuracy verified through LCS.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/11/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-3MB

Project Number: GREGORY CANYON
Sample ID: METHOD BLANK

Constituents		Results	Units	P.Q.L.	M.D.L.	Method
Total Antimony		None Detected	µg/L	100.	7.4	EPA-6010
Total Arsenic		None Detected	µg/L	2.	0.68	EPA-7060
Total Barium	*02	1.9	µg/L	100.	0.81	EPA-6010
Total Beryllium		None Detected	µg/L	10.	0.32	EPA-6010
Total Cadmium		None Detected	µg/L	10.	3.5	EPA-6010
Total Chromium		None Detected	µg/L	10.	3.2	EPA-6010
Total Cobalt		None Detected	µg/L	50.	1.4	EPA-6010
Total Copper	*02	4.8	µg/L	10.	2.1	EPA-6010
Total Lead		None Detected	µg/L	5.	0.40	EPA-7421
Total Mercury		None Detected	µg/L	0.2	0.1	EPA-7470
Total Nickel	*02	2.9	µg/L	10.	2.1	EPA-6010
Total Selenium		None Detected	µg/L	2.	0.58	EPA-7740
Total Silver	*02	5.4	µg/L	10.	2.7	EPA-6010
Total Thallium		None Detected	µg/L	100.	16.	EPA-6010
Total Vanadium		None Detected	µg/L	10.	2.1	EPA-6010
Total Zinc	*02	7.8	µg/L	50.	0.89	EPA-6010

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/02/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-10

Project Number: GREGORY CANYON
Sample ID: LUCIO-2
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 13:10
Date Extracted: 12/12/2000
Date Analyzed: 12/20/2000 @ 19:14

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Acenaphthene	None Detected	µg/L	2.	0.230
Acenaphthylene	None Detected	µg/L	2.	0.356
Aldrin	None Detected	µg/L	2.	0.261
Aniline	None Detected	µg/L	5.	1.800
Anthracene	None Detected	µg/L	2.	0.220
Benzidine	None Detected	µg/L	20.	0.160
Benzo (a) anthracene	None Detected	µg/L	2.	0.263
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633
Benzo (a) pyrene	None Detected	µg/L	2.	0.342
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242
Benzoic Acid	None Detected	µg/L	10.	0.831
Benzyl alcohol	None Detected	µg/L	2.	0.656
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237
alpha-BHC	None Detected	µg/L	2.	0.232
beta-BHC	None Detected	µg/L	2.	0.226
delta-BHC	None Detected	µg/L	2.	0.255
gamma-BHC	None Detected	µg/L	2.	0.210
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217
bis(2-ethylhexyl)phthalate	None Detected	µg/L	5.	0.325
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285
4-Chloroaniline	None Detected	µg/L	2.	1.707
2-Chloronaphthalene	None Detected	µg/L	2.	0.274
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304
Chrysene	None Detected	µg/L	2.	0.193
4,4-DDD'	None Detected	µg/L	2.	0.211
4,4-DDE'	None Detected	µg/L	3.	0.749
4,4-DDT'	None Detected	µg/L	2.	0.218
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293
Dibenzofuran	None Detected	µg/L	2.	0.290
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350
Dieldrin	None Detected	µg/L	3.	0.424
Diethyl phthalate	None Detected	µg/L	2.	0.283
Dimethyl phthalate	None Detected	µg/L	2.	0.244
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276
Di-n-octylphthalate	None Detected	µg/L	2.	0.198

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/02/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-10

Sample Description: GREGORY CANYON, LUCIO-2, 12/06/2000 @ 13:10, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376	
Endosulfan I	None Detected	µg/L	10.	0.992	
Endosulfan II	None Detected	µg/L	10.	0.780	
Endosulfan sulfate	None Detected	µg/L	3.	0.321	
Endrin	None Detected	µg/L	2.	1.836	
Endrin aldehyde	None Detected	µg/L	10.	0.537	
Fluoranthene	None Detected	µg/L	2.	0.250	
Fluorene	None Detected	µg/L	2.	0.275	
Heptachlor	None Detected	µg/L	2.	0.272	
Heptachlor epoxide	None Detected	µg/L	2.	0.244	
Hexachlorobenzene	None Detected	µg/L	2.	0.270	
Hexachlorobutadiene	0.64	µg/L	2.	0.348	*02
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263	
Hexachloroethane	None Detected	µg/L	2.	0.191	
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224	
Isophorone	None Detected	µg/L	2.	0.263	
2-Methylnaphthalene	None Detected	µg/L	2.	0.303	
Naphthalene	None Detected	µg/L	2.	0.239	
2-Naphthylamine	None Detected	µg/L	20.	0.066	
2-Nitroaniline	None Detected	µg/L	2.	0.728	
3-Nitroaniline	None Detected	µg/L	2.	1.392	
4-Nitroaniline	None Detected	µg/L	5.	1.095	
Nitrobenzene	None Detected	µg/L	2.	0.230	
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331	
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850	
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196	
Phenanthrene	None Detected	µg/L	2.	0.231	
Pyrene	0.27	µg/L	2.	0.223	*02
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354	
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228	
2-Chlorophenol	None Detected	µg/L	2.	0.159	
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274	
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670	
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278	
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386	
2-Methylphenol	None Detected	µg/L	2.	0.196	
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410	
2-Nitrophenol	None Detected	µg/L	2.	0.253	
4-Nitrophenol	None Detected	µg/L	2.	0.454	
Pentachlorophenol	None Detected	µg/L	10.	0.533	
Phenol	None Detected	µg/L	2.	0.184	
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258	
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237	
Acetophenone	None Detected	µg/L	10.	0.120	
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459	
4-Aminobiphenyl	None Detected	µg/L	20.	0.164	

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/02/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-10

Sample Description: GREGORY CANYON, LUCIO-2, 12/06/2000 @ 13:10, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	59.	21-100
Phenol-d5	48.	10-94
Nitrobenzene-d5	91.	35-114
2-Fluorobiphenyl	79.	43-116
2,4,6-Tribromophenol	96.	10-123
d14-Terphenyl	91.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/02/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-10

Sample Description: GREGORY CANYON, LUCIO-2, 12/06/2000 @ 13:10, B. SALINAS, B. LOPEZ, A. RAMIREZ

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-1

Project Number: GREGORY CANYON
Sample ID: GLA-2
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 11:10
Date Extracted: 12/08/2000
Date Analyzed: 12/18/2000 @ 16:28
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
Acenaphthene	None Detected	µg/L	2.	0.230	
Acenaphthylene	None Detected	µg/L	2.	0.356	
Aldrin	None Detected	µg/L	2.	0.261	
Aniline	None Detected	µg/L	5.	1.800	
Anthracene	None Detected	µg/L	2.	0.220	
Benzidine	None Detected	µg/L	20.	0.160	
Benzo (a) anthracene	None Detected	µg/L	2.	0.263	
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658	
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633	
Benzo (a) pyrene	None Detected	µg/L	2.	0.342	
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242	
Benzoic Acid	None Detected	µg/L	10.	0.831	
Benzyl alcohol	None Detected	µg/L	2.	0.656	
Butyl Benzyl phthalate	0.28	µg/L	2.	0.237	*02
alpha-BHC	None Detected	µg/L	2.	0.232	
beta-BHC	None Detected	µg/L	2.	0.226	
delta-BHC	None Detected	µg/L	2.	0.255	
gamma-BHC	None Detected	µg/L	2.	0.210	
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235	
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554	
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217	
bis(2-ethylhexyl)phthalate	1.8	µg/L	5.	0.325	*
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285	
4-Chloroaniline	None Detected	µg/L	2.	1.707	
2-Chloronaphthalene	None Detected	µg/L	2.	0.274	
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304	
Chrysene	None Detected	µg/L	2.	0.193	
4,4-DDD'	None Detected	µg/L	2.	0.211	
4,4-DDE'	None Detected	µg/L	3.	0.749	
4,4-DDT'	None Detected	µg/L	2.	0.218	
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293	
Dibenzofuran	None Detected	µg/L	2.	0.290	
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241	
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237	
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234	
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272	
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350	
Dieldrin	None Detected	µg/L	3.	0.424	
Diethyl phthalate	None Detected	µg/L	2.	0.283	
Dimethyl phthalate	None Detected	µg/L	2.	0.244	
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241	
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276	
Di-n-octylphthalate	None Detected	µg/L	2.	0.198	

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-1

Sample Description: GREGORY CANYON, GLA-2, 12/06/2000 @ 11:10, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-1

Sample Description: GREGORY CANYON, GLA-2, 12/06/2000 @ 11:10, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	65.	21-100
Phenol-d5	59.	10-94
Nitrobenzene-d5	83.	35-114
2-Fluorobiphenyl	72.	43-116
2,4,6-Tribromophenol	91.	10-123
d14-Terphenyl	77.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-1

Sample Description: GREGORY CANYON, GLA-2, 12/06/2000 @ 11:10, B. SALINAS, B. LOPEZ, A. RAMIREZ

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
* = Sample result is between the MDL and PQL.
Note: Method blank for bis (2-ethylhexyl) phthalate detected at 0.51µg/L.
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-2

Project Number: GREGORY CANYON
Sample ID: GLA-4
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 09:30
Date Extracted: 12/08/2000
Date Analyzed: 12/18/2000 @ 17:12
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
Acenaphthene	None Detected	µg/L	2.	0.230	
Acenaphthylene	None Detected	µg/L	2.	0.356	
Aldrin	None Detected	µg/L	2.	0.261	
Aniline	None Detected	µg/L	5.	1.800	
Anthracene	None Detected	µg/L	2.	0.220	
Benzidine	None Detected	µg/L	20.	0.160	
Benzo (a) anthracene	None Detected	µg/L	2.	0.263	
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658	
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633	
Benzo (a) pyrene	None Detected	µg/L	2.	0.342	
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242	
Benzoic Acid	None Detected	µg/L	10.	0.831	
Benzyl alcohol	None Detected	µg/L	2.	0.656	
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237	
alpha-BHC	None Detected	µg/L	2.	0.232	
beta-BHC	None Detected	µg/L	2.	0.226	
delta-BHC	None Detected	µg/L	2.	0.255	
gamma-BHC	None Detected	µg/L	2.	0.210	
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235	
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554	
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217	
bis(2-ethylhexyl)phthalate	2.4	µg/L	5.	0.325	*
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285	
4-Chloroaniline	None Detected	µg/L	2.	1.707	
2-Chloronaphthalene	None Detected	µg/L	2.	0.274	
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304	
Chrysene	None Detected	µg/L	2.	0.193	
4,4-DDD'	None Detected	µg/L	2.	0.211	
4,4-DDE'	None Detected	µg/L	3.	0.749	
4,4-DDT'	None Detected	µg/L	2.	0.218	
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293	
Dibenzofuran	None Detected	µg/L	2.	0.290	
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241	
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237	
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234	
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272	
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350	
Dieldrin	None Detected	µg/L	3.	0.424	
Diethyl phthalate	None Detected	µg/L	2.	0.283	
Dimethyl phthalate	None Detected	µg/L	2.	0.244	
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241	
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276	
Di-n-octylphthalate	None Detected	µg/L	2.	0.198	

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-2

Sample Description: GREGORY CANYON, GLA-4, 12/06/2000 @ 09:30, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-2

Sample Description: GREGORY CANYON, GLA-4, 12/06/2000 @ 09:30, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	66.	21-100
Phenol-d5	60.	10-94
Nitrobenzene-d5	86.	35-114
2-Fluorobiphenyl	76.	43-116
2,4,6-Tribromophenol	92.	10-123
d14-Terphenyl	80.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-2

Sample Description: GREGORY CANYON, GLA-4, 12/06/2000 @ 09:30, B. SALINAS, B. LOPEZ, A. RAMIREZ

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
* = Sample result is between the MDL and PQL.
Note: Method blank for bis (2-ethylhexyl) phthalate detected at 0.51μg/L.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-3

Project Number: GREGORY CANYON
Sample ID: GLA-5
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 08:45
Date Extracted: 12/08/2000
Date Analyzed: 12/18/2000 @ 17:55
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
Acenaphthene	None Detected	µg/L	2.	0.230	
Acenaphthylene	None Detected	µg/L	2.	0.356	
Aldrin	None Detected	µg/L	2.	0.261	
Aniline	None Detected	µg/L	5.	1.800	
Anthracene	None Detected	µg/L	2.	0.220	
Benzidine	None Detected	µg/L	20.	0.160	
Benzo (a) anthracene	None Detected	µg/L	2.	0.263	
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658	
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633	
Benzo (a) pyrene	None Detected	µg/L	2.	0.342	
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242	
Benzoic Acid	None Detected	µg/L	10.	0.831	
Benzyl alcohol	None Detected	µg/L	2.	0.656	
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237	
alpha-BHC	None Detected	µg/L	2.	0.232	
beta-BHC	None Detected	µg/L	2.	0.226	
delta-BHC	None Detected	µg/L	2.	0.255	
gamma-BHC	None Detected	µg/L	2.	0.210	
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235	
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554	
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217	
bis(2-ethylhexyl)phthalate	1.8	µg/L	5.	0.325	*
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285	
4-Chloroaniline	None Detected	µg/L	2.	1.707	
2-Chloronaphthalene	None Detected	µg/L	2.	0.274	
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304	
Chrysene	None Detected	µg/L	2.	0.193	
4,4-DDD'	None Detected	µg/L	2.	0.211	
4,4-DDE'	None Detected	µg/L	3.	0.749	
4,4-DDT'	None Detected	µg/L	2.	0.218	
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293	
Dibenzofuran	None Detected	µg/L	2.	0.290	
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241	
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237	
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234	
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272	
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350	
Dieldrin	None Detected	µg/L	3.	0.424	
Diethyl phthalate	None Detected	µg/L	2.	0.283	
Dimethyl phthalate	None Detected	µg/L	2.	0.244	
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241	
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276	
Di-n-octylphthalate	None Detected	µg/L	2.	0.198	

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-3

Sample Description: GREGORY CANYON, GLA-5, 12/06/2000 @ 08:45, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-3

Sample Description: GREGORY CANYON, GLA-5, 12/06/2000 @ 08:45, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	65.	21-100
Phenol-d5	56.	10-94
Nitrobenzene-d5	85.	35-114
2-Fluorobiphenyl	76.	43-116
2,4,6-Tribromophenol	91.	10-123
d14-Terphenyl	80.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-3

Sample Description: GREGORY CANYON, GLA-5, 12/06/2000 @ 08:45, B. SALINAS, B. LOPEZ, A. RAMIREZ

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
* = Sample result is between the MDL and PQL.
Note: Method blank for bis (2-ethylhexyl) phthalate detected at 0.51μg/L.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4

Project Number: GREGORY CANYON
Sample ID: GLA-10
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 12:20
Date Extracted: 12/08/2000
Date Analyzed: 12/18/2000 @ 18:39
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
Acenaphthene	None Detected	µg/L	2.	0.230	
Acenaphthylene	None Detected	µg/L	2.	0.356	
Aldrin	None Detected	µg/L	2.	0.261	
Aniline	None Detected	µg/L	5.	1.800	
Anthracene	None Detected	µg/L	2.	0.220	
Benzidine	None Detected	µg/L	20.	0.160	
Benzo (a) anthracene	None Detected	µg/L	2.	0.263	
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658	
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633	
Benzo (a) pyrene	None Detected	µg/L	2.	0.342	
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242	
Benzoic Acid	None Detected	µg/L	10.	0.831	
Benzyl alcohol	None Detected	µg/L	2.	0.656	
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237	
alpha-BHC	None Detected	µg/L	2.	0.232	
beta-BHC	None Detected	µg/L	2.	0.226	
delta-BHC	None Detected	µg/L	2.	0.255	
gamma-BHC	None Detected	µg/L	2.	0.210	
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235	
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554	
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217	
bis(2-ethylhexyl)phthalate	2.5	µg/L	5.	0.325	*
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285	
4-Chloroaniline	None Detected	µg/L	2.	1.707	
2-Chloronaphthalene	None Detected	µg/L	2.	0.274	
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304	
Chrysene	None Detected	µg/L	2.	0.193	
4,4-DDD'	None Detected	µg/L	2.	0.211	
4,4-DDE'	None Detected	µg/L	3.	0.749	
4,4-DDT'	None Detected	µg/L	2.	0.218	
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293	
Dibenzofuran	None Detected	µg/L	2.	0.290	
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241	
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237	
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234	
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272	
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350	
Dieldrin	None Detected	µg/L	3.	0.424	
Diethyl phthalate	None Detected	µg/L	2.	0.283	
Dimethyl phthalate	None Detected	µg/L	2.	0.244	
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241	
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276	
Di-n-octylphthalate	None Detected	µg/L	2.	0.198	

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Base/Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4

Sample Description: GREGORY CANYON, GLA-10, 12/06/2000 @ 12:20, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4

Sample Description: GREGORY CANYON, GLA-10, 12/06/2000 @ 12:20, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	63.	21-100
Phenol-d5	54.	10-94
Nitrobenzene-d5	83.	35-114
2-Fluorobiphenyl	74.	43-116
2,4,6-Tribromophenol	95.	10-123
d14-Terphenyl	81.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4

Sample Description: GREGORY CANYON, GLA-10, 12/06/2000 @ 12:20, B. SALINAS, B. LOPEZ, A. RAMIREZ

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
* = Sample result is between the MDL and PQL.
Note: Method blank for bis (2-ethylhexyl) phthalate detected at 0.51μg/L.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-5

Project Number: GREGORY CANYON
Sample ID: GLA-12
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 09:45
Date Extracted: 12/08/2000
Date Analyzed: 12/18/2000 @ 19:23
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
Acenaphthene	None Detected	µg/L	2.	0.230	
Acenaphthylene	None Detected	µg/L	2.	0.356	
Aldrin	None Detected	µg/L	2.	0.261	
Aniline	None Detected	µg/L	5.	1.800	
Anthracene	None Detected	µg/L	2.	0.220	
Benzidine	None Detected	µg/L	20.	0.160	
Benzo (a) anthracene	None Detected	µg/L	2.	0.263	
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658	
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633	
Benzo (a) pyrene	None Detected	µg/L	2.	0.342	
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242	
Benzoic Acid	None Detected	µg/L	10.	0.831	
Benzyl alcohol	None Detected	µg/L	2.	0.656	
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237	
alpha-BHC	None Detected	µg/L	2.	0.232	
beta-BHC	None Detected	µg/L	2.	0.226	
delta-BHC	None Detected	µg/L	2.	0.255	
gamma-BHC	None Detected	µg/L	2.	0.210	
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235	
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554	
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217	
bis(2-ethylhexyl)phthalate	0.35	µg/L	5.	0.325	*
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285	
4-Chloroaniline	None Detected	µg/L	2.	1.707	
2-Chloronaphthalene	None Detected	µg/L	2.	0.274	
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304	
Chrysene	None Detected	µg/L	2.	0.193	
4,4-DDD'	None Detected	µg/L	2.	0.211	
4,4-DDE'	None Detected	µg/L	3.	0.749	
4,4-DDT'	None Detected	µg/L	2.	0.218	
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293	
Dibenzofuran	None Detected	µg/L	2.	0.290	
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241	
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237	
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234	
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272	
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350	
Dieldrin	None Detected	µg/L	3.	0.424	
Diethyl phthalate	None Detected	µg/L	2.	0.283	
Dimethyl phthalate	None Detected	µg/L	2.	0.244	
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241	
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276	
Di-n-octylphthalate	None Detected	µg/L	2.	0.198	

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-5

Sample Description: GREGORY CANYON, GLA-12, 12/06/2000 @ 09:45, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-5

Sample Description: GREGORY CANYON, GLA-12, 12/06/2000 @ 09:45, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	59.	21-100
Phenol-d5	55.	10-94
Nitrobenzene-d5	86.	35-114
2-Fluorobiphenyl	75.	43-116
2,4,6-Tribromophenol	90.	10-123
d14-Terphenyl	77.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-5

Sample Description: GREGORY CANYON, GLA-12, 12/06/2000 @ 09:45, B. SALINAS, B. LOPEZ, A. RAMIREZ

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
* = Sample result is between the MDL and PQL.
Note: Method blank for bis (2-ethylhexyl) phthalate detected at 0.51μg/L.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-6

Project Number: GREGORY CANYON
Sample ID: GLA-14
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 11:25
Date Extracted: 12/08/2000
Date Analyzed: 12/18/2000 @ 20:07
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Acenaphthene	None Detected	µg/L	2.	0.230
Acenaphthylene	None Detected	µg/L	2.	0.356
Aldrin	None Detected	µg/L	2.	0.261
Aniline	None Detected	µg/L	5.	1.800
Anthracene	None Detected	µg/L	2.	0.220
Benzidine	None Detected	µg/L	20.	0.160
Benzo (a) anthracene	None Detected	µg/L	2.	0.263
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633
Benzo (a) pyrene	None Detected	µg/L	2.	0.342
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242
Benzoic Acid	None Detected	µg/L	10.	0.831
Benzyl alcohol	None Detected	µg/L	2.	0.656
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237
alpha-BHC	None Detected	µg/L	2.	0.232
beta-BHC	None Detected	µg/L	2.	0.226
delta-BHC	None Detected	µg/L	2.	0.255
gamma-BHC	None Detected	µg/L	2.	0.210
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217
bis(2-ethylhexyl)phthalate	None Detected	µg/L	5.	0.325
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285
4-Chloroaniline	None Detected	µg/L	2.	1.707
2-Chloronaphthalene	None Detected	µg/L	2.	0.274
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304
Chrysene	None Detected	µg/L	2.	0.193
4,4-DDD'	None Detected	µg/L	2.	0.211
4,4-DDE'	None Detected	µg/L	3.	0.749
4,4-DDT'	None Detected	µg/L	2.	0.218
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293
Dibenzofuran	None Detected	µg/L	2.	0.290
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350
Dieldrin	None Detected	µg/L	3.	0.424
Diethyl phthalate	None Detected	µg/L	2.	0.283
Dimethyl phthalate	None Detected	µg/L	2.	0.244
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276
Di-n-octylphthalate	None Detected	µg/L	2.	0.198

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-6

Sample Description: GREGORY CANYON, GLA-14, 12/06/2000 @ 11:25, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-6

Sample Description: GREGORY CANYON, GLA-14, 12/06/2000 @ 11:25, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	64.	21-100
Phenol-d5	56.	10-94
Nitrobenzene-d5	87.	35-114
2-Fluorobiphenyl	78.	43-116
2,4,6-Tribromophenol	92.	10-123
d14-Terphenyl	79.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-6

Sample Description: GREGORY CANYON, GLA-14, 12/06/2000 @ 11:25, B. SALINAS, B. LOPEZ, A. RAMIREZ

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-7

Project Number: GREGORY CANYON
Sample ID: SW-1
Sample Matrix: SURFACE WATER
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 14:20
Date Extracted: 12/08/2000
Date Analyzed: 12/19/2000 @ 04:49
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
Acenaphthene	None Detected	µg/L	2.	0.230	
Acenaphthylene	None Detected	µg/L	2.	0.356	
Aldrin	None Detected	µg/L	2.	0.261	
Aniline	None Detected	µg/L	5.	1.800	
Anthracene	None Detected	µg/L	2.	0.220	
Benzidine	None Detected	µg/L	20.	0.160	
Benzo (a) anthracene	None Detected	µg/L	2.	0.263	
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658	
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633	
Benzo (a) pyrene	None Detected	µg/L	2.	0.342	
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242	
Benzoic Acid	None Detected	µg/L	10.	0.831	
Benzyl alcohol	None Detected	µg/L	2.	0.656	
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237	
alpha-BHC	None Detected	µg/L	2.	0.232	
beta-BHC	None Detected	µg/L	2.	0.226	
delta-BHC	None Detected	µg/L	2.	0.255	
gamma-BHC	None Detected	µg/L	2.	0.210	
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235	
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554	
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217	
bis(2-ethylhexyl)phthalate	3.2	µg/L	5.	0.325	*
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285	
4-Chloroaniline	None Detected	µg/L	2.	1.707	
2-Chloronaphthalene	None Detected	µg/L	2.	0.274	
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304	
Chrysene	None Detected	µg/L	2.	0.193	
4,4-DDD'	None Detected	µg/L	2.	0.211	
4,4-DDE'	None Detected	µg/L	3.	0.749	
4,4-DDT'	None Detected	µg/L	2.	0.218	
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293	
Dibenzofuran	None Detected	µg/L	2.	0.290	
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241	
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237	
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234	
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272	
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350	
Dieldrin	None Detected	µg/L	3.	0.424	
Diethyl phthalate	None Detected	µg/L	2.	0.283	
Dimethyl phthalate	None Detected	µg/L	2.	0.244	
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241	
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276	
Di-n-octylphthalate	None Detected	µg/L	2.	0.198	

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-7

Sample Description: GREGORY CANYON, SW-1, 12/06/2000 @ 14:20, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-7

Sample Description: GREGORY CANYON, SW-1, 12/06/2000 @ 14:20, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	63.	21-100
Phenol-d5	54.	10-94
Nitrobenzene-d5	88.	35-114
2-Fluorobiphenyl	75.	43-116
2,4,6-Tribromophenol	98.	10-123
d14-Terphenyl	68.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-7

Sample Description: GREGORY CANYON, SW-1, 12/06/2000 @ 14:20, B. SALINAS, B. LOPEZ, A. RAMIREZ

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
* = Note: Method blank for bis (2-ethylhexyl) phthalate detected at 0.51μg/L. Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-8

Project Number: GREGORY CANYON
Sample ID: SW-2
Sample Matrix: SURFACE WATER
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 13:30
Date Extracted: 12/08/2000
Date Analyzed: 12/19/2000 @ 05:32
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
Acenaphthene	None Detected	µg/L	2.	0.230	
Acenaphthylene	None Detected	µg/L	2.	0.356	
Aldrin	None Detected	µg/L	2.	0.261	
Aniline	None Detected	µg/L	5.	1.800	
Anthracene	None Detected	µg/L	2.	0.220	
Benzidine	None Detected	µg/L	20.	0.160	
Benzo (a) anthracene	None Detected	µg/L	2.	0.263	
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658	
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633	
Benzo (a) pyrene	None Detected	µg/L	2.	0.342	
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242	
Benzoic Acid	None Detected	µg/L	10.	0.831	
Benzyl alcohol	None Detected	µg/L	2.	0.656	
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237	
alpha-BHC	None Detected	µg/L	2.	0.232	
beta-BHC	None Detected	µg/L	2.	0.226	
delta-BHC	None Detected	µg/L	2.	0.255	
gamma-BHC	None Detected	µg/L	2.	0.210	
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235	
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554	
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217	
bis(2-ethylhexyl)phthalate	0.55	µg/L	5.	0.325	*
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285	
4-Chloroaniline	None Detected	µg/L	2.	1.707	
2-Chloronaphthalene	None Detected	µg/L	2.	0.274	
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304	
Chrysene	None Detected	µg/L	2.	0.193	
4,4-DDD'	None Detected	µg/L	2.	0.211	
4,4-DDE'	None Detected	µg/L	3.	0.749	
4,4-DDT'	None Detected	µg/L	2.	0.218	
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293	
Dibenzofuran	None Detected	µg/L	2.	0.290	
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241	
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237	
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234	
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272	
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350	
Dieldrin	None Detected	µg/L	3.	0.424	
Diethyl phthalate	None Detected	µg/L	2.	0.283	
Dimethyl phthalate	None Detected	µg/L	2.	0.244	
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241	
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276	
Di-n-octylphthalate	None Detected	µg/L	2.	0.198	

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-8

Sample Description: GREGORY CANYON, SW-2, 12/06/2000 @ 13:30, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-8

Sample Description: GREGORY CANYON, SW-2, 12/06/2000 @ 13:30, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits	
2-Fluorophenol	16.	21-100	*21
Phenol-d5	18.	10-94	
Nitrobenzene-d5	87.	35-114	
2-Fluorobiphenyl	75.	43-116	
2,4,6-Tribromophenol	13.	10-123	
d14-Terphenyl	64.	33-141	

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-8

Sample Description: GREGORY CANYON, SW-2, 12/06/2000 @ 13:30, B. SALINAS, B. LOPEZ, A. RAMIREZ

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
* = Sample result is between the MDL and PQL.
Note: Method blank for bis(2-ethylhexyl)phthalate detected at 0.51μg/L.
*21 = Surrogate recovery not within established limits.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-9

Project Number: GREGORY CANYON
Sample ID: MWD-34
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 12:40
Date Extracted: 12/08/2000
Date Analyzed: 12/18/2000 @ 20:51
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Acenaphthene	None Detected	µg/L	2.	0.230
Acenaphthylene	None Detected	µg/L	2.	0.356
Aldrin	None Detected	µg/L	2.	0.261
Aniline	None Detected	µg/L	5.	1.800
Anthracene	None Detected	µg/L	2.	0.220
Benzidine	None Detected	µg/L	20.	0.160
Benzo (a) anthracene	None Detected	µg/L	2.	0.263
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633
Benzo (a) pyrene	None Detected	µg/L	2.	0.342
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242
Benzoic Acid	None Detected	µg/L	10.	0.831
Benzyl alcohol	None Detected	µg/L	2.	0.656
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237
alpha-BHC	None Detected	µg/L	2.	0.232
beta-BHC	None Detected	µg/L	2.	0.226
delta-BHC	None Detected	µg/L	2.	0.255
gamma-BHC	None Detected	µg/L	2.	0.210
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217
bis(2-ethylhexyl)phthalate	None Detected	µg/L	5.	0.325
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285
4-Chloroaniline	None Detected	µg/L	2.	1.707
2-Chloronaphthalene	None Detected	µg/L	2.	0.274
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304
Chrysene	None Detected	µg/L	2.	0.193
4,4-DDD'	None Detected	µg/L	2.	0.211
4,4-DDE'	None Detected	µg/L	3.	0.749
4,4-DDT'	None Detected	µg/L	2.	0.218
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293
Dibenzofuran	None Detected	µg/L	2.	0.290
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350
Dieldrin	None Detected	µg/L	3.	0.424
Diethyl phthalate	None Detected	µg/L	2.	0.283
Dimethyl phthalate	None Detected	µg/L	2.	0.244
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276
Di-n-octylphthalate	None Detected	µg/L	2.	0.198

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-9

Sample Description: GREGORY CANYON, MWD-34, 12/06/2000 @ 12:40, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-9

Sample Description: GREGORY CANYON, MWD-34, 12/06/2000 @ 12:40, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	47.	21-100
Phenol-d5	41.	10-94
Nitrobenzene-d5	87.	35-114
2-Fluorobiphenyl	77.	43-116
2,4,6-Tribromophenol	78.	10-123
d14-Terphenyl	78.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-9

Sample Description: GREGORY CANYON, MWD-34, 12/06/2000 @ 12:40, B. SALINAS, B. LOPEZ, A. RAMIREZ

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-10

Project Number: GREGORY CANYON
Sample ID: LUCIO-2
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 13:10
Date Extracted: 12/12/2000
Date Analyzed: 12/20/2000 @ 19:14

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Acenaphthene	None Detected	µg/L	2.	0.230
Acenaphthylene	None Detected	µg/L	2.	0.356
Aldrin	None Detected	µg/L	2.	0.261
Aniline	None Detected	µg/L	5.	1.800
Anthracene	None Detected	µg/L	2.	0.220
Benzidine	None Detected	µg/L	20.	0.160
Benzo (a) anthracene	None Detected	µg/L	2.	0.263
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633
Benzo (a) pyrene	None Detected	µg/L	2.	0.342
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242
Benzoic Acid	None Detected	µg/L	10.	0.831
Benzyl alcohol	None Detected	µg/L	2.	0.656
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237
alpha-BHC	None Detected	µg/L	2.	0.232
beta-BHC	None Detected	µg/L	2.	0.226
delta-BHC	None Detected	µg/L	2.	0.255
gamma-BHC	None Detected	µg/L	2.	0.210
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217
bis(2-ethylhexyl)phthalate	None Detected	µg/L	5.	0.325
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285
4-Chloroaniline	None Detected	µg/L	2.	1.707
2-Chloronaphthalene	None Detected	µg/L	2.	0.274
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304
Chrysene	None Detected	µg/L	2.	0.193
4,4-DDD'	None Detected	µg/L	2.	0.211
4,4-DDE'	None Detected	µg/L	3.	0.749
4,4-DDT'	None Detected	µg/L	2.	0.218
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293
Dibenzofuran	None Detected	µg/L	2.	0.290
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350
Dieldrin	None Detected	µg/L	3.	0.424
Diethyl phthalate	None Detected	µg/L	2.	0.283
Dimethyl phthalate	None Detected	µg/L	2.	0.244
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276
Di-n-octylphthalate	None Detected	µg/L	2.	0.198

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-10

Sample Description: GREGORY CANYON, LUCIO-2, 12/06/2000 @ 13:10, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376	
Endosulfan I	None Detected	µg/L	10.	0.992	
Endosulfan II	None Detected	µg/L	10.	0.780	
Endosulfan sulfate	None Detected	µg/L	3.	0.321	
Endrin	None Detected	µg/L	2.	1.836	
Endrin aldehyde	None Detected	µg/L	10.	0.537	
Fluoranthene	None Detected	µg/L	2.	0.250	
Fluorene	None Detected	µg/L	2.	0.275	
Heptachlor	None Detected	µg/L	2.	0.272	
Heptachlor epoxide	None Detected	µg/L	2.	0.244	
Hexachlorobenzene	None Detected	µg/L	2.	0.270	
Hexachlorobutadiene	0.64	µg/L	2.	0.348	*02
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263	
Hexachloroethane	None Detected	µg/L	2.	0.191	
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224	
Isophorone	None Detected	µg/L	2.	0.263	
2-Methylnaphthalene	None Detected	µg/L	2.	0.303	
Naphthalene	None Detected	µg/L	2.	0.239	
2-Naphthylamine	None Detected	µg/L	20.	0.066	
2-Nitroaniline	None Detected	µg/L	2.	0.728	
3-Nitroaniline	None Detected	µg/L	2.	1.392	
4-Nitroaniline	None Detected	µg/L	5.	1.095	
Nitrobenzene	None Detected	µg/L	2.	0.230	
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331	
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850	
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196	
Phenanthrene	None Detected	µg/L	2.	0.231	
Pyrene	0.27	µg/L	2.	0.223	*02
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354	
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228	
2-Chlorophenol	None Detected	µg/L	2.	0.159	
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274	
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670	
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278	
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386	
2-Methylphenol	None Detected	µg/L	2.	0.196	
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410	
2-Nitrophenol	None Detected	µg/L	2.	0.253	
4-Nitrophenol	None Detected	µg/L	2.	0.454	
Pentachlorophenol	None Detected	µg/L	10.	0.533	
Phenol	None Detected	µg/L	2.	0.184	
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258	
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237	
Acetophenone	None Detected	µg/L	10.	0.120	
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459	
4-Aminobiphenyl	None Detected	µg/L	20.	0.164	

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-10

Sample Description: GREGORY CANYON, LUCIO-2, 12/06/2000 @ 13:10, B. SALINAS, B. LOPEZ, A. RAMIREZ

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	59.	21-100
Phenol-d5	48.	10-94
Nitrobenzene-d5	91.	35-114
2-Fluorobiphenyl	79.	43-116
2,4,6-Tribromophenol	96.	10-123
d14-Terphenyl	91.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-10

Sample Description: GREGORY CANYON, LUCIO-2, 12/06/2000 @ 13:10, B. SALINAS, B. LOPEZ, A. RAMIREZ

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4MB

Project Number: GREGORY CANYON
Sample ID: METHOD BLANK #1-9
Sample Matrix: Blank Water

Date Collected:
Date Extracted: 12/08/2000
Date Analyzed: 12/18/2000 @ 16:28
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
Acenaphthene	None Detected	µg/L	2.	0.230	
Acenaphthylene	None Detected	µg/L	2.	0.356	
Aldrin	None Detected	µg/L	2.	0.261	
Aniline	None Detected	µg/L	5.	1.800	
Anthracene	None Detected	µg/L	2.	0.220	
Benzidine	None Detected	µg/L	20.	0.160	
Benzo (a) anthracene	None Detected	µg/L	2.	0.263	
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658	
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633	
Benzo (a) pyrene	None Detected	µg/L	2.	0.342	
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242	
Benzoic Acid	None Detected	µg/L	10.	0.831	
Benzyl alcohol	None Detected	µg/L	2.	0.656	
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237	
alpha-BHC	None Detected	µg/L	2.	0.232	
beta-BHC	None Detected	µg/L	2.	0.226	
delta-BHC	None Detected	µg/L	2.	0.255	
gamma-BHC	None Detected	µg/L	2.	0.210	
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235	
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554	
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217	
bis(2-ethylhexyl)phthalate	0.51	µg/L	5.	0.325	*02
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285	
4-Chloroaniline	None Detected	µg/L	2.	1.707	
2-Chloronaphthalene	None Detected	µg/L	2.	0.274	
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304	
Chrysene	None Detected	µg/L	2.	0.193	
4,4-DDD'	None Detected	µg/L	2.	0.211	
4,4-DDE'	None Detected	µg/L	3.	0.749	
4,4-DDT'	None Detected	µg/L	2.	0.218	
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293	
Dibenzofuran	None Detected	µg/L	2.	0.290	
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241	
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237	
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234	
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272	
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350	
Dieldrin	None Detected	µg/L	3.	0.424	
Diethyl phthalate	None Detected	µg/L	2.	0.283	
Dimethyl phthalate	None Detected	µg/L	2.	0.244	
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241	
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276	
Di-n-octylphthalate	None Detected	µg/L	2.	0.198	

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4MB

Sample Description: GREGORY CANYON, METHOD BLANK #1-9

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4MB

Sample Description: GREGORY CANYON, METHOD BLANK #1-9

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	68.	21-100
Phenol-d5	52.	10-94
Nitrobenzene-d5	90.	35-114
2-Fluorobiphenyl	75.	43-116
2,4,6-Tribromophenol	96.	10-123
d14-Terphenyl	91.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4MB

Sample Description: GREGORY CANYON, METHOD BLANK #1-9

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-7MB

Project Number: GREGORY CANYON
Sample ID: METHOD BLANK #10
Sample Matrix: Blank Water

Date Collected:
Date Extracted: 12/12/2000
Date Analyzed: 12/20/2000 @ 19:14

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Acenaphthene	None Detected	µg/L	2.	0.230
Acenaphthylene	None Detected	µg/L	2.	0.356
Aldrin	None Detected	µg/L	2.	0.261
Aniline	None Detected	µg/L	5.	1.800
Anthracene	None Detected	µg/L	2.	0.220
Benzidine	None Detected	µg/L	20.	0.160
Benzo (a) anthracene	None Detected	µg/L	2.	0.263
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633
Benzo (a) pyrene	None Detected	µg/L	2.	0.342
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242
Benzoic Acid	None Detected	µg/L	10.	0.831
Benzyl alcohol	None Detected	µg/L	2.	0.656
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237
alpha-BHC	None Detected	µg/L	2.	0.232
beta-BHC	None Detected	µg/L	2.	0.226
delta-BHC	None Detected	µg/L	2.	0.255
gamma-BHC	None Detected	µg/L	2.	0.210
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217
bis(2-ethylhexyl)phthalate	None Detected	µg/L	5.	0.325
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285
4-Chloroaniline	None Detected	µg/L	2.	1.707
2-Chloronaphthalene	None Detected	µg/L	2.	0.274
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304
Chrysene	None Detected	µg/L	2.	0.193
4,4-DDD'	None Detected	µg/L	2.	0.211
4,4-DDE'	None Detected	µg/L	3.	0.749
4,4-DDT'	None Detected	µg/L	2.	0.218
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293
Dibenzofuran	None Detected	µg/L	2.	0.290
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350
Dieldrin	None Detected	µg/L	3.	0.424
Diethyl phthalate	None Detected	µg/L	2.	0.283
Dimethyl phthalate	None Detected	µg/L	2.	0.244
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276
Di-n-octylphthalate	None Detected	µg/L	2.	0.198
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-7MB

Sample Description: GREGORY CANYON, METHOD BLANK #10

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-7MB

Sample Description: GREGORY CANYON, METHOD BLANK #10

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	68.	21-100
Phenol-d5	54.	10-94
Nitrobenzene-d5	91.	35-114
2-Fluorobiphenyl	80.	43-116
2,4,6-Tribromophenol	108.	10-123
d14-Terphenyl	86.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-7MB

Sample Description: GREGORY CANYON, METHOD BLANK #10

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4MB

Project Number: GREGORY CANYON
Sample ID: METHOD BLANK
Sample Matrix: Blank Water

Date Collected:
Date Extracted: 12/08/2000
Date Analyzed: 12/18/2000 @ 16:28
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
Acenaphthene	None Detected	µg/L	2.	0.230	
Acenaphthylene	None Detected	µg/L	2.	0.356	
Aldrin	None Detected	µg/L	2.	0.261	
Aniline	None Detected	µg/L	5.	1.800	
Anthracene	None Detected	µg/L	2.	0.220	
Benzidine	None Detected	µg/L	20.	0.160	
Benzo (a) anthracene	None Detected	µg/L	2.	0.263	
Benzo (b) fluoranthene	None Detected	µg/L	2.	0.658	
Benzo (k) fluoranthene	None Detected	µg/L	2.	0.633	
Benzo (a) pyrene	None Detected	µg/L	2.	0.342	
Benzo (ghi) perylene	None Detected	µg/L	2.	0.242	
Benzoic Acid	None Detected	µg/L	10.	0.831	
Benzyl alcohol	None Detected	µg/L	2.	0.656	
Butyl Benzyl phthalate	None Detected	µg/L	2.	0.237	
alpha-BHC	None Detected	µg/L	2.	0.232	
beta-BHC	None Detected	µg/L	2.	0.226	
delta-BHC	None Detected	µg/L	2.	0.255	
gamma-BHC	None Detected	µg/L	2.	0.210	
bis(2-chloroethyl)ether	None Detected	µg/L	2.	0.235	
bis(2-chloroethoxy)methane	None Detected	µg/L	2.	0.554	
bis(2-chloro-1-methylethyl)	None Detected	µg/L	2.	0.217	
bis(2-ethylhexyl)phthalate	0.51	µg/L	5.	0.325	*02
4-Bromophenyl phenyl ether	None Detected	µg/L	2.	0.285	
4-Chloroaniline	None Detected	µg/L	2.	1.707	
2-Chloronaphthalene	None Detected	µg/L	2.	0.274	
4-Chlorophenyl phenyl ether	None Detected	µg/L	2.	0.304	
Chrysene	None Detected	µg/L	2.	0.193	
4,4-DDD'	None Detected	µg/L	2.	0.211	
4,4-DDE'	None Detected	µg/L	3.	0.749	
4,4-DDT'	None Detected	µg/L	2.	0.218	
Dibenzo (a,h) anthracene	None Detected	µg/L	3.	0.293	
Dibenzofuran	None Detected	µg/L	2.	0.290	
Di-n-butyl phthalate	None Detected	µg/L	2.	0.241	
1,2-Dichlorobenzene	None Detected	µg/L	2.	0.237	
1,3-Dichlorobenzene	None Detected	µg/L	2.	0.234	
1,4-Dichlorobenzene	None Detected	µg/L	2.	0.272	
3,3-Dichlorobenzidine	None Detected	µg/L	10.	0.350	
Dieldrin	None Detected	µg/L	3.	0.424	
Diethyl phthalate	None Detected	µg/L	2.	0.283	
Dimethyl phthalate	None Detected	µg/L	2.	0.244	
2,4-Dinitrotoluene	None Detected	µg/L	2.	0.241	
2,6-Dinitrotoluene	None Detected	µg/L	2.	0.276	
Di-n-octylphthalate	None Detected	µg/L	2.	0.198	

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4MB

Sample Description: GREGORY CANYON, METHOD BLANK

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
1,2-Diphenylhydrazine	None Detected	µg/L	2.	0.376
Endosulfan I	None Detected	µg/L	10.	0.992
Endosulfan II	None Detected	µg/L	10.	0.780
Endosulfan sulfate	None Detected	µg/L	3.	0.321
Endrin	None Detected	µg/L	2.	1.836
Endrin aldehyde	None Detected	µg/L	10.	0.537
Fluoranthene	None Detected	µg/L	2.	0.250
Fluorene	None Detected	µg/L	2.	0.275
Heptachlor	None Detected	µg/L	2.	0.272
Heptachlor epoxide	None Detected	µg/L	2.	0.244
Hexachlorobenzene	None Detected	µg/L	2.	0.270
Hexachlorobutadiene	None Detected	µg/L	2.	0.348
Hexachlorocyclopentadiene	None Detected	µg/L	2.	0.263
Hexachloroethane	None Detected	µg/L	2.	0.191
Indeno (1,2,3-cd) pyrene	None Detected	µg/L	2.	0.224
Isophorone	None Detected	µg/L	2.	0.263
2-Methylnaphthalene	None Detected	µg/L	2.	0.303
Naphthalene	None Detected	µg/L	2.	0.239
2-Naphthylamine	None Detected	µg/L	20.	0.066
2-Nitroaniline	None Detected	µg/L	2.	0.728
3-Nitroaniline	None Detected	µg/L	2.	1.392
4-Nitroaniline	None Detected	µg/L	5.	1.095
Nitrobenzene	None Detected	µg/L	2.	0.230
n-Nitrosodimethylamine	None Detected	µg/L	2.	0.331
n-Nitrosodiphenylamine	None Detected	µg/L	2.	1.850
N-Nitrosodi-n-propylamine	None Detected	µg/L	2.	0.196
Phenanthrene	None Detected	µg/L	2.	0.231
Pyrene	None Detected	µg/L	2.	0.223
1,2,4-Trichlorobenzene	None Detected	µg/L	2.	0.354
4-Chloro-3-methylphenol	None Detected	µg/L	5.	0.228
2-Chlorophenol	None Detected	µg/L	2.	0.159
2,4-Dichlorophenol	None Detected	µg/L	2.	0.274
2,4-Dimethylphenol	None Detected	µg/L	2.	0.670
2,4-Dinitrophenol	None Detected	µg/L	10.	0.278
2-Methyl-4,6-dinitrophenol	None Detected	µg/L	10.	1.386
2-Methylphenol	None Detected	µg/L	2.	0.196
3- & 4-Methylphenol	None Detected	µg/L	2.	0.410
2-Nitrophenol	None Detected	µg/L	2.	0.253
4-Nitrophenol	None Detected	µg/L	2.	0.454
Pentachlorophenol	None Detected	µg/L	10.	0.533
Phenol	None Detected	µg/L	2.	0.184
2,4,5-Trichlorophenol	None Detected	µg/L	5.	0.258
2,4,6-Trichlorophenol	None Detected	µg/L	5.	0.237
Acetophenone	None Detected	µg/L	10.	0.120
2-Acetylaminofluorene	None Detected	µg/L	10.	0.459
4-Aminobiphenyl	None Detected	µg/L	20.	0.164
2,6-Dichlorophenol	None Detected	µg/L	10.	0.164

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4MB

Sample Description: GREGORY CANYON, METHOD BLANK

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
p-(Dimethylamine) azobenzene	None Detected	µg/L	10.	0.287
7,12-Dimethylbenz (a) anthracene	None Detected	µg/L	10.	0.104
3,3'-Dimethylbenzidine	None Detected	µg/L	20.	0.248
Diphenylamine	None Detected	µg/L	10.	0.081
Ethyl methanesulfonate	None Detected	µg/L	10.	0.170
Kepone	None Detected	µg/L	20.	2.466
Methapyrilene	None Detected	µg/L	10.	0.869
3-Methylcholanthrene	None Detected	µg/L	10.	0.148
Methyl methanesulfonate	None Detected	µg/L	10.	0.128
1,4-Napthoquinone	None Detected	µg/L	20.	0.473
1-Napthylamine	None Detected	µg/L	20.	0.182
5-Nitro-o-toluidine	None Detected	µg/L	10.	0.062
n-Nitrosodibutylamine	None Detected	µg/L	10.	0.188
n-Nitrosomethylethylamine	None Detected	µg/L	10.	0.253
n-Nitrosopiperidine	None Detected	µg/L	10.	0.173
n-Nitrosopyrrolidine	None Detected	µg/L	10.	0.158
Pentachlorobenzene	None Detected	µg/L	10.	0.124
Pentachloronitrobenzene	None Detected	µg/L	10.	0.167
Phenacetin	None Detected	µg/L	10.	0.127
1,4-Phenylenediamine	None Detected	µg/L	20.	0.484
Pronamide	None Detected	µg/L	10.	0.134
1,2,4,5-Tetrachlorobenzene	None Detected	µg/L	10.	0.193
2,3,4,6-Tetrachlorophenol	None Detected	µg/L	10.	0.239
o-Toluidine	None Detected	µg/L	10.	0.072
0,0,0-Triethyl phosphorothioate	None Detected	µg/L	10.	0.178
1,3,5-Trinitrobenzene	None Detected	µg/L	10.	0.059

Quality Control Data

Surrogates	% Recovery	Control Limits
2-Fluorophenol	68.	21-100
Phenol-d5	52.	10-94
Nitrobenzene-d5	90.	35-114
2-Fluorobiphenyl	75.	43-116
2,4,6-Tribromophenol	96.	10-123
d14-Terphenyl	91.	33-141

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

Base Neutral and Acid Extractables
Organic Analysis
(EPA Method 8270)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/30/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4MB

Sample Description: GREGORY CANYON, METHOD BLANK

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*02 = Sample result is between the MDL and PQL.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/31/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-1

Project Number: GREGORY CANYON
Sample ID: GLA-2
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 11:10
Date Extracted: 12/08/2000
Date Analyzed: 12/28/2000 @ 04:41

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
2,4-D	None Detected	µg/L	0.4	0.16	
Dinoseb	None Detected	µg/L	0.2	0.052	*03
2,4,5-T	None Detected	µg/L	0.09	0.032	
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024	

Quality Control Data

Surrogates	% Recovery	Control Limits
2,4-Dichlorophenylacetic acid	106.	40-115

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*03 = CCV recovery not within method limits.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/31/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-2

Project Number: GREGORY CANYON
Sample ID: GLA-4
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 09:30
Date Extracted: 12/08/2000
Date Analyzed: 12/28/2000 @ 07:16

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
2,4-D	None Detected	µg/L	0.4	0.16	*03
Dinoseb	None Detected	µg/L	0.2	0.052	*03
2,4,5-T	None Detected	µg/L	0.09	0.032	
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024	

Quality Control Data

Surrogates	% Recovery	Control Limits	
2,4-Dichlorophenylacetic acid	116.	40-115	*21

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*03 = CCV recovery not within method limits.
*21 = Surrogate recovery not within established limits.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/31/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-3

Project Number: GREGORY CANYON
Sample ID: GLA-5
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 08:45
Date Extracted: 12/08/2000
Date Analyzed: 12/28/2000 @ 07:42

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
2,4-D	None Detected	µg/L	0.4	0.16	*03
Dinoseb	None Detected	µg/L	0.2	0.052	*03
2,4,5-T	None Detected	µg/L	0.09	0.032	
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024	

Quality Control Data

Surrogates	% Recovery	Control Limits
2,4-Dichlorophenylacetic acid	108.	40-115

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*03 = CCV recovery not within method limits.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/31/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-4

Project Number: GREGORY CANYON
Sample ID: GLA-10
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 12:20
Date Extracted: 12/08/2000
Date Analyzed: 12/28/2000 @ 08:08

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
2,4-D	None Detected	µg/L	0.4	0.16	*03
Dinoseb	None Detected	µg/L	0.2	0.052	*03
2,4,5-T	None Detected	µg/L	0.09	0.032	
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024	

Quality Control Data

Surrogates	% Recovery	Control Limits	
2,4-Dichlorophenylacetic acid	117.	40-115	*21

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*03 = CCV recovery not within method limits.
*21 = Surrogate recovery not within established limits.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/31/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-5

Project Number: GREGORY CANYON
Sample ID: GLA-12
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 09:45
Date Extracted: 12/08/2000
Date Analyzed: 12/28/2000 @ 08:34

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
2,4-D	None Detected	µg/L	0.4	0.16	*03
Dinoseb	None Detected	µg/L	0.2	0.052	*03
2,4,5-T	None Detected	µg/L	0.09	0.032	
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024	

Quality Control Data

Surrogates	% Recovery	Control Limits
2,4-Dichlorophenylacetic acid	95.	40-115

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*03 = CCV recovery not within method limits.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/31/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-6

Project Number: GREGORY CANYON
Sample ID: GLA-14
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 11:25
Date Extracted: 12/08/2000
Date Analyzed: 12/28/2000 @ 09:00

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
2,4-D	None Detected	µg/L	0.4	0.16	*03
Dinoseb	None Detected	µg/L	0.2	0.052	*03
2,4,5-T	None Detected	µg/L	0.09	0.032	
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024	

Quality Control Data

Surrogates	% Recovery	Control Limits
2,4-Dichlorophenylacetic acid	115.	40-115

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*03 = CCV recovery not within method limits.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/31/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-7

Project Number: GREGORY CANYON
Sample ID: SW-1
Sample Matrix: SURFACE WATER
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 14:20
Date Extracted: 12/08/2000
Date Analyzed: 12/28/2000 @ 10:44

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
2,4-D	None Detected	µg/L	0.4	0.16	*03
Dinoseb	None Detected	µg/L	0.2	0.052	*03
2,4,5-T	None Detected	µg/L	0.09	0.032	
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024	

Quality Control Data

Surrogates	% Recovery	Control Limits
2,4-Dichlorophenylacetic acid	103.	40-115

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*03 = CCV recovery not within method limits.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/31/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-8

Project Number: GREGORY CANYON
Sample ID: SW-2
Sample Matrix: SURFACE WATER
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 13:30
Date Extracted: 12/08/2000
Date Analyzed: 12/28/2000 @ 11:09

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
2,4-D	None Detected	µg/L	0.4	0.16	*03
Dinoseb	None Detected	µg/L	0.2	0.052	*03
2,4,5-T	None Detected	µg/L	0.09	0.032	
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024	

Quality Control Data

Surrogates	% Recovery	Control Limits
2,4-Dichlorophenylacetic acid	97.	40-115

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*03 = CCV recovery not within method limits.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/31/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-9

Project Number: GREGORY CANYON
Sample ID: MWD-34
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 12:40
Date Extracted: 12/08/2000
Date Analyzed: 12/28/2000 @ 11:35

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
2,4-D	None Detected	µg/L	0.4	0.16	*03
Dinoseb	None Detected	µg/L	0.2	0.052	*03
2,4,5-T	None Detected	µg/L	0.09	0.032	
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024	

Quality Control Data

Surrogates	% Recovery	Control Limits
2,4-Dichlorophenylacetic acid	103.	40-115

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*03 = CCV recovery not within method limits.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/31/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-10

Project Number: GREGORY CANYON
Sample ID: LUCIO-2
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 13:10
Date Extracted: 12/08/2000
Date Analyzed: 12/28/2000 @ 12:01

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.	
2,4-D	None Detected	µg/L	0.4	0.16	*03
Dinoseb	None Detected	µg/L	0.2	0.052	*03
2,4,5-T	None Detected	µg/L	0.09	0.032	
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024	

Quality Control Data

Surrogates	% Recovery	Control Limits
2,4-Dichlorophenylacetic acid	110.	40-115

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

Flag Explanations:
*03 = CCV recovery not within method limits.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Chlorinated Herbicides
(EPA Method 8150)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/31/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-6MB

Project Number: GREGORY CANYON
Sample ID: METHOD BLANK
Sample Matrix: Blank Water

Date Collected:
Date Extracted: 12/08/2000
Date Analyzed: 12/28/2000 @ 04:41

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
2,4-D	None Detected	µg/L	0.4	0.16
Dinoseb	None Detected	µg/L	0.2	0.052
2,4,5-T	None Detected	µg/L	0.09	0.032
2,4,5-TP (Silvex)	None Detected	µg/L	0.07	0.024

Quality Control Data

Surrogates	% Recovery	Control Limits
2,4-Dichlorophenylacetic acid	111.	40-115

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).
M.D.L. = Method Detection Limit

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/29/2000
Date Received: 12/07/2000
Laboratory No.: 00-14119-1

Project Number: GREGORY CANYON
Sample ID: GLA-2
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 11:10
Date Extracted: 12/12/2000
Date Analyzed: 12/15/2000 @ 18:26

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	None Detected	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.032
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.019
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	89.	%	49-122	
Surrogates				
Decachlorobiphenyl	93.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/07/2000
Laboratory No.: 00-14119-2

Project Number: GREGORY CANYON
Sample ID: GLA-4
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 09:30
Date Extracted: 12/12/2000
Date Analyzed: 12/15/2000 @ 18:54

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	None Detected	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.032
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.019
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	76.	%	49-122	
Surrogates				
Decachlorobiphenyl	103.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/07/2000
Laboratory No.: 00-14119-3

Project Number: GREGORY CANYON
Sample ID: GLA-5
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 08:45
Date Extracted: 12/12/2000
Date Analyzed: 12/15/2000 @ 19:21

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	None Detected	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.032
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.019
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	59.	%	49-122	
Surrogates				
Decachlorobiphenyl	94.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/07/2000
Laboratory No.: 00-14119-4

Project Number: GREGORY CANYON
Sample ID: GLA-10
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 12:20
Date Extracted: 12/12/2000
Date Analyzed: 12/15/2000 @ 19:49

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	None Detected	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.032
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.019
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	68.	%	49-122	
Surrogates				
Decachlorobiphenyl	95.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/07/2000
Laboratory No.: 00-14119-5

Project Number: GREGORY CANYON
Sample ID: GLA-12
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 09:45
Date Extracted: 12/12/2000
Date Analyzed: 12/15/2000 @ 20:16

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	None Detected	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.032
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.019
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	66.	%	49-122	
Surrogates				
Decachlorobiphenyl	92.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/07/2000
Laboratory No.: 00-14119-6

Project Number: GREGORY CANYON
Sample ID: GLA-14
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 11:25
Date Extracted: 12/12/2000
Date Analyzed: 12/15/2000 @ 20:44

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	None Detected	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.032
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.019
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	65.	%	49-122	
Surrogates				
Decachlorobiphenyl	94.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/07/2000
Laboratory No.: 00-14119-7

Project Number: GREGORY CANYON
Sample ID: SW-1
Sample Matrix: SURFACE WATER
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 14:20
Date Extracted: 12/15/2000
Date Analyzed: 12/15/2000 @ 21:11

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	None Detected	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.032
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.019
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	51.	%	49-122	
Surrogates				
Decachlorobiphenyl	74.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/07/2000
Laboratory No.: 00-14119-8

Project Number: GREGORY CANYON
Sample ID: SW-2
Sample Matrix: SURFACE WATER
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 13:30
Date Extracted: 12/12/2000
Date Analyzed: 12/16/2000 @ 01:49

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	None Detected	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.032
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.019
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	60.	%	49-122	
Surrogates				
Decachlorobiphenyl	82.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/07/2000
Laboratory No.: 00-14119-9

Project Number: GREGORY CANYON
Sample ID: MWD-34
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 12:40
Date Extracted: 12/12/2000
Date Analyzed: 12/15/2000 @ 02:17

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	None Detected	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.032
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.019
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	81.	%	49-122	
Surrogates				
Decachlorobiphenyl	89.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 12/28/2000
Date Received: 12/07/2000
Laboratory No.: 00-14119-10

Project Number: GREGORY CANYON
Sample ID: LUCIO-2
Sample Matrix: Water
Sample Collected By: B. SALINAS, B. LOPEZ, A. RAM

Date Collected: 12/06/2000 @ 13:10
Date Extracted: 12/12/2000
Date Analyzed: 12/16/2000 @ 02:45

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	None Detected	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.032
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.019
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	91.	%	49-122	
Surrogates				
Decachlorobiphenyl	91.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

BC Laboratories, Inc.

Organochlorine Pesticides and PCB's
(EPA Method 8080)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
Attn: SARAH BATTELLE 858-451-1136

Date Reported: 01/29/2001
Date Received: 12/07/2000
Laboratory No.: 00-14119-5MB

Project Number: GREGORY CANYON
Sample ID: METHOD BLANK
Sample Matrix: Blank Water

Date Collected:
Date Extracted: 12/12/2000
Date Analyzed: 12/15/2000 @ 18:26

Constituents	Analysis Results	Reporting Units	P.Q.L.	M.D.L.
Aldrin	None Detected	µg/L	0.005	0.0015
alpha-BHC	None Detected	µg/L	0.005	0.0008
beta-BHC	None Detected	µg/L	0.005	0.0011
delta-BHC	None Detected	µg/L	0.005	0.0008
gamma-BHC	None Detected	µg/L	0.005	0.0009
Chlordane (Technical)	None Detected	µg/L	0.1	0.05
4,4'-DDD	None Detected	µg/L	0.005	0.0011
4,4'-DDE	None Detected	µg/L	0.005	0.0009
4,4'-DDT	None Detected	µg/L	0.005	0.0017
Dieldrin	None Detected	µg/L	0.005	0.0014
Endosulfan I	None Detected	µg/L	0.005	0.0011
Endosulfan II	None Detected	µg/L	0.005	0.0012
Endosulfan Sulfate	None Detected	µg/L	0.005	0.0011
Endrin	None Detected	µg/L	0.005	0.0015
Endrin Aldehyde	None Detected	µg/L	0.01	0.0034
Heptachlor	None Detected	µg/L	0.005	0.0006
Heptachlor Epoxide	None Detected	µg/L	0.005	0.0009
Hexachlorocyclopentadiene	None Detected	µg/L	0.01	0.005
Methoxychlor	None Detected	µg/L	0.005	0.0009
Toxaphene	None Detected	µg/L	2.	1.
PCB-1016	None Detected	µg/L	0.2	0.1
PCB-1221	None Detected	µg/L	0.2	0.1
PCB-1232	None Detected	µg/L	0.2	0.1
PCB-1242	None Detected	µg/L	0.2	0.025
PCB-1248	None Detected	µg/L	0.2	0.022
PCB-1254	None Detected	µg/L	0.2	0.041
PCB-1260	None Detected	µg/L	0.2	0.046
Total PCB's (Summation)	None Detected	µg/L	0.2	0.1
Surrogates				
TCMX	82.	%	49-122	
Surrogates				
Decachlorobiphenyl	92.	%	52-125	

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

All results listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661)327-4911 * Fax(661)327-1918 * www.bclabs.com

SUBCONTRACT CHAIN OF CUSTODY

Subcontract Lab: ZALCO LABORATORIES (ZLCLB)
4309 ARMOUR AVE.
BAKERSFIELD, CA 93308
Attn: RHONDA HAYES
Phone: 661-395-0539
FAX: 661-395-3069

0012133
0012133

Report To: BC Laboratories
4100 Atlas Court
Bakersfield, CA 93308
Attn: Michelle Buttram
Phone: 661-327-4911

Bill To: BC Laboratories
4100 Atlas Court
Bakersfield, CA 93308
Attn: Accounts Payable

TAT: normal

Sample ID	Sample Matrix	Sample Date	Sample Time	Requested Tests 01	
00-14119-1	Water	12/06/2000	11:10	X	2 voas
00-14119-2	Water	12/06/2000	09:30	X	
00-14119-3	Water	12/06/2000	08:45	X	
00-14119-4	Water	12/06/2000	12:20	X	
00-14119-5	Water	12/06/2000	09:45	X	
00-14119-6	Water	12/06/2000	11:25	X	
00-14119-7	SURFACE WA	12/06/2000	14:20	X	
00-14119-8	SURFACE WA	12/06/2000	13:30	X	
00-14119-9	Water	12/06/2000	12:40	X	
00-14119-10	Water	12/06/2000	13:10	X	
00-14119-11	Blank Wate	12/06/2000		X	1 voa
00-14119-12	Blank Wate	12/06/2000		X	
00-14119-13TB	Blank Wate	12/06/2000		X	

Requested Tests Legend

01 GC-8260-WATER

Subcontract Lab: ZALCO LABORATORIES (ZLCLB)

Note: Please do not subcontract any test without obtaining approval from an authorized representative of BC laboratories.

Comments: RUN LIST FOR GREGORY CANYON AS PER JOHN HATZMAN

		Date/Time
Relinquished By:	[signature]	PK 12/8/00 1320
Received By:	[signature]	12-8-00 1330
Relinquished By:	[signature]	12-8-00 1337
Received By:	[signature]	12/8/00 1337
Relinquished By:		
Received By:		
Relinquished By:		
Received By:		

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-1
Sampled by Client

Laboratory No: 0012133-1
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 11:10

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 17:00:00 SVM

cc:

Method Reference
1. EPA SW-846, 1994 3rd Edition

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

DEC 2 2 2000

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-1
Sampled by Client

Laboratory No: 0012133-1
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 11:10

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 17:00:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-1
Sampled by Client

Laboratory No: 0012133-1
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 11:10

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/13/00 17:00:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-2
Sampled by Client

Laboratory No: 0012133-2
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 09:30

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 17:36:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-2
Sampled by Client

Laboratory No: 0012133-2
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 09:30

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 17:36:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference

1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-2
Sampled by Client

Laboratory No: 0012133-2
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 09:30

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/13/00 17:36:00 SVM

cc:

Method Reference
1. EPA SW-846, 1994 3rd Edition

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-3
Sampled by Client

Laboratory No: 0012133-3
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 08:45

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 18:12:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-3
Sampled by Client

Laboratory No: 0012133-3
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 08:45

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 18:12:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference

1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-3
Sampled by Client

Laboratory No: 0012133-3
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 08:45

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/13/00 18:12:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-4
Sampled by Client

Laboratory No: 0012133-4
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 12:20

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 18:48:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference

1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-4
Sampled by Client

Laboratory No: 0012133-4
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 12:20

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 18:48:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-4
Sampled by Client

Laboratory No: 0012133-4
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 12:20

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/13/00 18:48:00 SVM

cc:

Method Reference
1. EPA SW-846, 1994 3rd Edition

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-5
Sampled by Client

Laboratory No: 0012133-5
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 09:45

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 19:24:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-5
Sampled by Client

Laboratory No: 0012133-5
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 09:45

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 19:24:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference

1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-5
Sampled by Client

Laboratory No: 0012133-5
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 09:45

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/13/00 19:24:00 SVM

cc:

Method Reference
1. EPA SW-846, 1994 3rd Edition

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-6
Sampled by Client

Laboratory No: 0012133-6
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 11:25

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 21:49:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-6
Sampled by Client

Laboratory No: 0012133-6
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 11:25

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 21:49:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference

1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-6
Sampled by Client

Laboratory No: 0012133-6
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 11:25

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/13/00 21:49:00 SVM

cc:

Method Reference

1. EPA SW-846, 1994 3rd Edition

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-7
Sampled by Client

Laboratory No: 0012133-7
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 14:20

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 22:25:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-7
Sampled by Client

Laboratory No: 0012133-7
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 14:20

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 22:25:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-7
Sampled by Client

Laboratory No: 0012133-7
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 14:20

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/13/00 22:25:00 SVM

cc:

Method Reference
1. EPA SW-846, 1994 3rd Edition

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-8
Sampled by Client

Laboratory No: 0012133-8
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 13:30

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 23:01:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-8
Sampled by Client

Laboratory No: 0012133-8
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 13:30

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 23:01:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference

1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-8
Sampled by Client

Laboratory No: 0012133-8
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 13:30

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/13/00 23:01:00 SVM

cc:

Method Reference
1. EPA SW-846, 1994 3rd Edition

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-9
Sampled by Client

Laboratory No: 0012133-9
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 12:40

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 23:38:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-9
Sampled by Client

Laboratory No: 0012133-9
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 12:40

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/13/00 23:38:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference

1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-9
Sampled by Client

Laboratory No: 0012133-9
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 12:40

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/13/00 23:38:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-10
Sampled by Client

Laboratory No: 0012133-10
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 13:10

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	0.98	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/14/00 09:45:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-10
Sampled by Client

Laboratory No: 0012133-10
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 13:10

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/14/00 09:45:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-10
Sampled by Client

Laboratory No: 0012133-10
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled : 13:10

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/14/00 09:45:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-11
Sampled by Client

Laboratory No: 0012133-11
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/14/00 10:58:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-11
Sampled by Client

Laboratory No: 0012133-11
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	12.1	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/14/00 10:58:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-11
Sampled by Client

Laboratory No: 0012133-11
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/14/00 10:58:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference

1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-12
Sampled by Client

Laboratory No: 0012133-12
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/14/00 11:34:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-12
Sampled by Client

Laboratory No: 0012133-12
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	12.1	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/14/00 11:34:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-12
Sampled by Client

Laboratory No: 0012133-12
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/14/00 11:34:00 SVM

cc:

Method Reference
1. EPA SW-846, 1994 3rd Edition

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-13
Sampled by Client

Laboratory No: 0012133-13
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Volatile Organics				
Benzene	ND	ug/L	0.5	8260/1
Bromobenzene	ND	ug/L	0.5	8260/1
Bromochloromethane	ND	ug/L	0.5	8260/1
Bromodichloromethane	ND	ug/L	0.5	8260/1
Bromoform	ND	ug/L	0.5	8260/1
Bromomethane	ND	ug/L	0.5	8260/1
n-Butylbenzene	ND	ug/L	0.5	8260/1
sec-Butylbenzene	ND	ug/L	0.5	8260/1
tert-Butylbenzene	ND	ug/L	0.5	8260/1
Carbon Tetrachloride	ND	ug/L	0.5	8260/1
Chlorobenzene	ND	ug/L	0.5	8260/1
Chloroethane	ND	ug/L	0.5	8260/1
Chloroform	ND	ug/L	0.5	8260/1
Chloromethane	ND	ug/L	0.5	8260/1
2-Chlorotoluene	ND	ug/L	0.5	8260/1
4-Chlorotoluene	ND	ug/L	0.5	8260/1
Dibromochloromethane	ND	ug/L	0.5	8260/1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ug/L	0.5	8260/1
1,2-Dibromoethane (EDB)	ND	ug/L	0.5	8260/1
Dibromomethane	ND	ug/L	0.5	8260/1
1,2-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,3-Dichlorobenzene	ND	ug/L	0.5	8260/1
1,4-Dichlorobenzene	ND	ug/L	0.5	8260/1
Dichlorodifluoromethane	ND	ug/L	0.5	8260/1
1,1-Dichloroethane	ND	ug/L	0.5	8260/1
1,2-Dichloroethane	ND	ug/L	0.5	8260/1

Analyzed : 12/14/00 15:11:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-13
Sampled by Client

Laboratory No: 0012133-13
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
1,1-Dichloroethene	ND	ug/L	0.5	8260/1
cis-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
trans-1,2-Dichloroethene	ND	ug/L	0.5	8260/1
1,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,3-Dichloropropane	ND	ug/L	0.5	8260/1
2,2-Dichloropropane	ND	ug/L	0.5	8260/1
1,1-Dichloropene	ND	ug/L	0.5	8260/1
cis-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
trans-1,3-Dichloropropene	ND	ug/L	0.5	8260/1
Ethylbenzene	ND	ug/L	0.5	8260/1
Hexachlorobutadiene	ND	ug/L	0.5	8260/1
Isopropylbenzene	ND	ug/L	0.5	8260/1
p-Isopropyltoluene	ND	ug/L	0.5	8260/1
Methylene Chloride	ND	ug/L	5.0	8260/1
Methyl tert-Butyl Ether (MTBE)	12.1	ug/L	0.5	8260/1
Naphthalene	ND	ug/L	0.5	8260/1
n-Propylbenzene	ND	ug/L	0.5	8260/1
Styrene	ND	ug/L	0.5	8260/1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8260/1
Tetrachloroethene	ND	ug/L	0.5	8260/1
Toluene	ND	ug/L	0.5	8260/1
1,2,3-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,2,4-Trichlorobenzene	ND	ug/L	0.5	8260/1
1,1,1-Trichloroethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloroethane	ND	ug/L	0.5	8260/1
Trichloroethene	ND	ug/L	0.5	8260/1

Analyzed : 12/14/00 15:11:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

B C Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

Attention: Michelle Buttram

Sample Type: Water

Description: 00-14119-13
Sampled by Client

Laboratory No: 0012133-13
Date Received: 12/08/00
Date Reported: 12/20/00
Contract No. :
Date Sampled : 12/06/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
Trichlorofluoromethane	ND	ug/L	0.5	8260/1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	0.5	8260/1
1,2,3-Trichloropropane	ND	ug/L	0.5	8260/1
1,2,4-Trimethylbenzene	ND	ug/L	0.5	8260/1
1,3,5-Trimethylbenzene	ND	ug/L	0.5	8260/1
Vinyl chloride	ND	ug/L	0.5	8260/1
Total Xylenes	ND	ug/L	1.0	8260/1

Analyzed : 12/14/00 15:11:00 SVM

cc:

Jim Etherton, Lab Operations Manager

Method Reference
1. EPA SW-846, 1994 3rd Edition

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/02/2001
Sample Matrix: Water
QC Batch ID: 200014119-6*WATER

Samples Affected: 00-14119-6 - 00-14119-10

Constituents	QC Sample ID	Sample Result	Sample Duplicate	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Sample R.P.D.	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Total Calcium	TOTAL-14119-1	124.9	124.0	127.4	127.0	10.00	10.00	mg/L	1.	0.	20	H MEAN	H MEAN	75 - 125
Total Magnesium	TOTAL-14119-1	71.20	70.78	77.02	76.72	10.00	10.00	mg/L	1.	0.	20	H MEAN	H MEAN	75 - 125
Total Sodium	TOTAL-14119-1	203.8	202.2	203.2	202.8	10.00	10.00	mg/L	1.	0.	20	H MEAN	H MEAN	75 - 125
Sulfate	14119-8	184.8	184.2	284.6	282.6	100.0	100.0	mg/L	0.	1.	10	100.	98.	80 - 120
Chloride	14119-8	105.3	105.1	207.1	206.0	100.0	100.0	mg/L	0.	1.	10	102.	101.	80 - 120
Nitrate as N	14119-8	< 0.1	< 0.1	4.920	4.908	5.000	5.000	mg/L	<PQL	0.	10	98.	98.	80 - 120
pH	14119-1	7.39	7.41					pH Units	0.		± .1 PH UN			
Total Dissolved Solids @ 180 C	14119-1	1400.	1380.					mg/L	1.		10			
Total Cyanide	W-TOTAL-14119-	< 0.02	< 0.02	0.2471	0.2471	0.2500	0.2500	mg/L	<PQL	0.	10	99.	99.	90 - 110
Total Sulfide	14119-6	< 0.1	< 0.1					mg/L	<PQL		10			

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

H Mean - sample concentration is greater than four times the spike level.

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Preparation & Analysis Information)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/04/2001
Sample Matrix: Water
QC Batch ID: 200014119-1*WATER

Samples Affected: 00-14119-1 - 00-14119-5

Constituents	Preparation Method	Preparation Date	Preparation Technician	Analytical Method	Run Date	Analyst
Total Calcium	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Total Magnesium	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Total Sodium	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Sulfate	N.A.	12/08/2000	MMT	EPA-300.0	12/08/2000	MMT
Chloride	N.A.	12/08/2000	MMT	EPA-300.0	12/08/2000	MMT
Nitrate as N	N.A.	12/08/2000	MMT	EPA-300.0	12/08/2000	MMT
pH	N.A.	12/08/2000	JKS	EPA-9040	12/08/2000	JKS
Total Dissolved Solids @ 180 C	N.A.	12/11/2000	HPR	EPA-160.1	12/11/2000	HPR
Total Cyanide	EPA-9010	12/14/2000	ZJH	EPA-9010	12/14/2000	TDC
Total Sulfide	EPA-9030	12/11/2000	NSC	EPA-9030	12/11/2000	NSC

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/02/2001
Sample Matrix: Water
QC Batch ID: 200014119-1*WATER

Samples Affected: 00-14119-1 - 00-14119-5

Constituents	QC Sample ID	Sample Result	Sample Duplicate	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Sample R.P.D.	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Total Calcium	TOTAL-14119-1	124.9	124.0	127.4	127.0	10.00	10.00	mg/L	1.	0.	20	H MEAN	H MEAN	75 - 125
Total Magnesium	TOTAL-14119-1	71.20	70.78	77.02	76.72	10.00	10.00	mg/L	1.	0.	20	H MEAN	H MEAN	75 - 125
Total Sodium	TOTAL-14119-1	203.8	202.2	203.2	202.8	10.00	10.00	mg/L	1.	0.	20	H MEAN	H MEAN	75 - 125
Sulfate	14119-8	184.8	184.2	284.6	282.6	100.0	100.0	mg/L	0.	1.	10	100.	98.	80 - 120
Chloride	14119-8	105.3	105.1	207.1	206.0	100.0	100.0	mg/L	0.	1.	10	102.	101.	80 - 120
Nitrate as N	14119-8	< 0.1	< 0.1	4.920	4.908	5.000	5.000	mg/L	<PQL	0.	10	98.	98.	80 - 120
pH	14119-1	7.39	7.41					pH Units	0.		± .1 PH UN			
Total Dissolved Solids @ 180 C	14119-1	1400.	1380.					mg/L	1.		10			
Total Cyanide	W-TOTAL-14119-	< 0.02	< 0.02	0.2471	0.2471	0.2500	0.2500	mg/L	<PQL	0.	10	99.	99.	90 - 110
Total Sulfide	14001-1	< 0.1	< 0.1					mg/L	<PQL		10			

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

H Mean - sample concentration is greater than four times the spike level.

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Preparation & Analysis Information)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/04/2001
Sample Matrix: Water
QC Batch ID: 200014119-6*WATER

Samples Affected: 00-14119-6 - 00-14119-10

Constituents	Preparation Method	Preparation Date	Preparation Technician	Analytical Method	Run Date	Analyst
Total Calcium	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Total Magnesium	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Total Sodium	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Sulfate	N.A.	12/08/2000	MMT	EPA-300.0	12/08/2000	MMT
Chloride	N.A.	12/08/2000	MMT	EPA-300.0	12/08/2000	MMT
Nitrate as N	N.A.	12/08/2000	MMT	EPA-300.0	12/08/2000	MMT
pH	N.A.	12/08/2000	JKS	EPA-9040	12/08/2000	JKS
Total Dissolved Solids @ 180 C	N.A.	12/11/2000	HPR	EPA-160.1	12/11/2000	HPR
Total Cyanide	EPA-9010	12/14/2000	ZJH	EPA-9010	12/14/2000	TDC
Total Sulfide	EPA-9030	12/11/2000	NSC	EPA-9030	12/11/2000	NSC

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Preparation & Analysis Information)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/09/2001
Sample Matrix: Water
QC Batch ID: 200014119-1*METAL

Samples Affected: 00-14119-1 - 00-14419-10

Constituents	Preparation Method	Preparation Date	Preparation Technician	Analytical Method	Run Date	Analyst
Total Antimony	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Total Arsenic	EPA-3020	12/12/2000	ELN	EPA-7060	12/22/2000	TMS
Total Barium	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Total Beryllium	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Total Cadmium	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Total Chromium	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Total Cobalt	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Total Copper	EPA-3010	12/13/2000	ELN	EPA-6010	12/17/2000	BDG
Total Lead	EPA-3020	12/12/2000	ELN	EPA-7421	12/21/2000	TMS
Total Mercury	EPA-7470	12/12/2000	JWH2	EPA-7470	12/13/2000	PAP
Total Nickel	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Total Selenium	EPA-3020	12/12/2000	ELN	EPA-7740	12/22/2000	TMS
Total Silver	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Total Thallium	EPA-3010	12/13/2000	ELN	EPA-6010	12/15/2000	ARD
Total Vanadium	EPA-3010	12/13/2000	ELN	EPA-6010	12/14/2000	ARD
Total Zinc	EPA-3010	12/13/2000	ELN	EPA-6010	12/15/2000	ARD

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/09/2001
Sample Matrix: Water
QC Batch ID: 200014119-1*METAL

Samples Affected: 00-14119-1 - 00-14419-10

Constituents	QC Sample ID	Sample Result	Sample Duplicate	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Sample R.P.D.	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Total Antimony	TOTAL-14119-1	<100.	<100.	386.2	405.6	400.0	400.0	µg/L	<PQL	5.	20	94.	99.	75 - 125
Total Arsenic	TOTAL-14119-1	1.011	0.748	19.81	20.69	20.00	20.00	µg/L	<PQL	4.	20	94.	98.	80 - 120
Total Barium	TOTAL-14119-1	52.60	51.50	229.4	229.8	200.0	200.0	µg/L	<PQL	0.	20	88.	89.	75 - 125
Total Beryllium	TOTAL-14119-1	< 10.	< 10.	173.0	172.8	200.0	200.0	µg/L	<PQL	0.	20	87.	87.	75 - 125
Total Cadmium	TOTAL-14119-1	< 10.	< 10.	181.3	180.7	200.0	200.0	µg/L	<PQL	0.	20	92.	91.	75 - 125
Total Chromium	TOTAL-14119-1	< 10.	5.500	181.2	182.3	200.0	200.0	µg/L	<PQL	1.	20	89.	90.	75 - 125
Total Cobalt	TOTAL-14119-1	< 50.	< 50.	181.1	180.9	200.0	200.0	µg/L	<PQL	0.	20	90.	90.	75 - 125
Total Copper	TOTAL-14119-1	5.400	6.900	193.3	197.6	200.0	200.0	µg/L	<PQL	2.	20	94.	96.	75 - 125
Total Lead	TOTAL-14119-1	< 5.	< 5.	21.11	21.18	20.00	20.00	µg/L	<PQL	0.	20	104.	104.	80 - 120
Total Mercury	TOTAL-14119-1	< 0.2	< 0.2	1.027	1.027	1.000	1.000	µg/L	<PQL	0.	20	104.	104.	70 - 130
Total Nickel	TOTAL-14119-1	< 10.	< 10.	353.7	356.4	400.0	400.0	µg/L	<PQL	1.	20	88.	89.	75 - 125
Total Selenium	TOTAL-14119-1	2.824	2.222	18.10	17.65	20.00	20.00	µg/L	<PQL	3.	20	76.	74.	80 - 120
Total Silver	TOTAL-14119-1	4.000	6.200	186.7	191.9	200.0	200.0	µg/L	<PQL	3.	20	91.	94.	75 - 125
Total Thallium	TOTAL-14119-1	<100.	<100.	352.9	352.4	400.0	400.0	µg/L	<PQL	0.	20	92.	92.	75 - 125
Total Vanadium	TOTAL-14119-1	44.00	46.00	226.6	227.4	200.0	200.0	µg/L	<PQL	0.	20	91.	92.	75 - 125
Total Zinc	TOTAL-14119-1	8.500	7.800	184.8	195.8	200.0	200.0	µg/L	<PQL	6.	20	88.	94.	75 - 125

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

The matrix spike recoveries for Total Selenium are outside QC limits.

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Preparation & Analysis Information)
Method 8150

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/31/2001
Sample Matrix: Water
QC Batch ID: 200014119-1*8150

Samples Affected: 00-14119-1 - 00-14119-10

Constituents	Preparation Method	Preparation Date	Preparation Technician	Analytical Method	Run Date	Analyst
Method 8150 compounds	EPA-3510	12/08/2000	SLM/YP	EPA-8150	12/28/2000	KMS

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8150

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/31/2001
Sample Matrix: Water
QC Batch ID: 200014119-1*8150

Samples Affected: 00-14119-1 - 00-14119-10

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
2,4-D	MS 12/8	< 0.4	2.153	2.221	2.000	2.000	µg/L	3.	30	108.	111.	48 - 213
Dinoseb	MS 12/8	< 0.2	0.657	0.685	1.000	1.000	µg/L	4.	30	66.	68.	1 - 85
2,4,5-T	MS 12/8	< 0.09	0.563	0.585	0.600	0.600	µg/L	4.	30	94.	98.	41 - 226
2,4,5-TP (Silvex)	MS 12/8	< 0.07	0.718	0.730	0.600	0.600	µg/L	2.	30	120.	122.	66 - 166

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/31/2001
Sample Matrix: Water
QC Batch ID: 200014119-1*8270

Samples Affected: 00-14119-1 - 00-14119-9

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Acenaphthene	MS 12/8	< 2.	60.	58.	80.	80.	µg/L	3.	15	74.	72.	65 - 118
1,4-Dichlorobenzene	MS 12/8	< 2.	56.	49.	80.	80.	µg/L	14.	24	70.	61.	59 - 115
2,4-Dinitrotoluene	MS 12/8	< 2.	64.	67.	80.	80.	µg/L	4.	14	80.	84.	65 - 138
Hexachlorobenzene	MS 12/8	< 2.	67.	68.	80.	80.	µg/L	2.	20	83.	85.	68 - 149
Hexachlorobutadiene	MS 12/8	< 2.	47.	40.	80.	80.	µg/L	16.	30	59.	50.	43 - 121
Hexachloroethane	MS 12/8	< 2.	51.	42.	80.	80.	µg/L	20.	30	64.	53.	41 - 121
Nitrobenzene	MS 12/8	< 2.	61.	62.	80.	80.	µg/L	1.	20	76.	77.	66 - 114
N-Nitrosodi-n-propylamine	MS 12/8	< 2.	61.	63.	80.	80.	µg/L	2.	17	77.	78.	59 - 116
Pyrene	MS 12/8	< 2.	69.	69.	80.	80.	µg/L	0.	20	86.	86.	52 - 144
1,2,4-Trichlorobenzene	MS 12/8	< 2.	57.	49.	80.	80.	µg/L	14.	23	71.	62.	56 - 120
4-Chloro-3-methylphenol	MS 12/8	< 5.	69.	70.	80.	80.	µg/L	2.	30	86.	88.	69 - 133
2-Chlorophenol	MS 12/8	< 2.	67.	68.	80.	80.	µg/L	1.	16	84.	85.	71 - 116
2-Methylphenol	MS 12/8	< 2.	64.	64.	80.	80.	µg/L	1.	20	80.	80.	65 - 122
3- & 4-Methylphenol	MS 12/8	< 2.	53.	55.	80.	80.	µg/L	3.	15	67.	69.	55 - 111
4-Nitrophenol	MS 12/8	< 2.	34.	34.	80.	80.	µg/L	0.	29	43.	42.	23 - 70
Pentachlorophenol	MS 12/8	< 10.	66.	65.	80.	80.	µg/L	1.	20	83.	82.	65 - 160
Phenol	MS 12/8	< 2.	39.	38.	80.	80.	µg/L	3.	25	49.	48.	34 - 63
2,4,6-Trichlorophenol	MS 12/8	< 5.	66.	66.	80.	80.	µg/L	0.	20	82.	82.	63 - 129

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/31/2001
Sample Matrix: Water
QC Batch ID: 200014119-10*8270

Samples Affected: 00-14119-10

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Acenaphthene	MS 12/12	< 2.	65.	65.	80.	80.	µg/L	1.	15	82.	81.	65 - 118
1,4-Dichlorobenzene	MS 12/12	< 2.	64.	65.	80.	80.	µg/L	2.	24	80.	82.	59 - 115
2,4-Dinitrotoluene	MS 12/12	< 2.	69.	68.	80.	80.	µg/L	1.	14	86.	86.	65 - 138
Hexachlorobenzene	MS 12/12	< 2.	78.	76.	80.	80.	µg/L	2.	20	98.	95.	68 - 149
Hexachlorobutadiene	MS 12/12	< 2.	64.	63.	80.	80.	µg/L	2.	30	80.	79.	43 - 121
Hexachloroethane	MS 12/12	< 2.	71.	72.	80.	80.	µg/L	0.	30	89.	90.	41 - 121
Nitrobenzene	MS 12/12	< 2.	66.	64.	80.	80.	µg/L	3.	20	82.	80.	66 - 114
N-Nitrosodi-n-propylamine	MS 12/12	< 2.	64.	64.	80.	80.	µg/L	0.	17	81.	80.	59 - 116
Pyrene	MS 12/12	< 2.	76.	77.	80.	80.	µg/L	1.	20	95.	96.	52 - 144
1,2,4-Trichlorobenzene	MS 12/12	< 2.	66.	66.	80.	80.	µg/L	1.	23	83.	82.	56 - 120
4-Chloro-3-methylphenol	MS 12/12	< 5.	75.	74.	80.	80.	µg/L	2.	30	94.	92.	69 - 133
2-Chlorophenol	MS 12/12	< 2.	70.	70.	80.	80.	µg/L	0.	16	87.	87.	71 - 116
2-Methylphenol	MS 12/12	< 2.	66.	67.	80.	80.	µg/L	0.	20	83.	83.	65 - 122
3- & 4-Methylphenol	MS 12/12	< 2.	57.	57.	80.	80.	µg/L	1.	15	72.	71.	55 - 111
4-Nitrophenol	MS 12/12	< 2.	37.	37.	80.	80.	µg/L	0.	29	46.	46.	23 - 70
Pentachlorophenol	MS 12/12	< 10.	86.	85.	80.	80.	µg/L	1.	20	107.	106.	65 - 160
Phenol	MS 12/12	< 2.	39.	40.	80.	80.	µg/L	1.	25	49.	50.	34 - 63
2,4,6-Trichlorophenol	MS 12/12	< 5.	69.	69.	80.	80.	µg/L	1.	20	87.	86.	63 - 129

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Preparation & Analysis Information)
Method 8270

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/31/2001
Sample Matrix: Water
QC Batch ID: 200014119-10*8270

Samples Affected: 00-14119-10

Constituents	Preparation Method	Preparation Date	Preparation Technician	Analytical Method	Run Date	Analyst
Method 8270 compounds	EPA-3510	12/12/2000	JCM	EPA-8270	12/20/2000	SKC

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Preparation & Analysis Information)
Method 8270

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/31/2001
Sample Matrix: Water
QC Batch ID: 200014119-1*8270

Samples Affected: 00-14119-1 - 00-14119-9

Constituents	Preparation Method	Preparation Date	Preparation Technician	Analytical Method	Run Date	Analyst
Method 8270 compounds	EPA-3510	12/08/2000	JCM	EPA-8270	12/18/2000	SKC

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Preparation & Analysis Information)
Method 8270

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/18/2001
Sample Matrix: Water
QC Batch ID: 200014119-1*8270

Samples Affected: 00-14119-1 - 00-14119-9

Constituents	Preparation Method	Preparation Date	Preparation Technician	Analytical Method	Run Date	Analyst
Method 8270 compounds	EPA-3510	12/08/2000	JCM	EPA-8270	12/18/2000	SKC

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/18/2001
Sample Matrix: Water
QC Batch ID: 200014119-1*8270

Samples Affected: 00-14119-1 - 00-14119-9

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Acenaphthene	MS 12/8	< 2.	60.	58.	80.	80.	µg/L	3.	15	74.	72.	65 - 118
1,4-Dichlorobenzene	MS 12/8	< 2.	56.	49.	80.	80.	µg/L	14.	24	70.	61.	59 - 115
2,4-Dinitrotoluene	MS 12/8	< 2.	64.	67.	80.	80.	µg/L	4.	14	80.	84.	65 - 138
Hexachlorobenzene	MS 12/8	< 2.	67.	68.	80.	80.	µg/L	2.	20	83.	85.	68 - 149
Hexachlorobutadiene	MS 12/8	< 2.	47.	40.	80.	80.	µg/L	16.	30	59.	50.	43 - 121
Hexachloroethane	MS 12/8	< 2.	51.	42.	80.	80.	µg/L	20.	30	64.	53.	41 - 121
Nitrobenzene	MS 12/8	< 2.	61.	62.	80.	80.	µg/L	1.	20	76.	77.	66 - 114
N-Nitrosodi-n-propylamine	MS 12/8	< 2.	61.	63.	80.	80.	µg/L	2.	17	77.	78.	59 - 116
Pyrene	MS 12/8	< 2.	69.	69.	80.	80.	µg/L	0.	20	86.	86.	52 - 144
1,2,4-Trichlorobenzene	MS 12/8	< 2.	57.	49.	80.	80.	µg/L	14.	23	71.	62.	56 - 120
4-Chloro-3-methylphenol	MS 12/8	< 5.	69.	70.	80.	80.	µg/L	2.	30	86.	88.	69 - 133
2-Chlorophenol	MS 12/8	< 2.	67.	68.	80.	80.	µg/L	1.	16	84.	85.	71 - 116
2-Methylphenol	MS 12/8	< 2.	64.	64.	80.	80.	µg/L	1.	20	80.	80.	65 - 122
3- & 4-Methylphenol	MS 12/8	< 2.	53.	55.	80.	80.	µg/L	3.	15	67.	69.	55 - 111
4-Nitrophenol	MS 12/8	< 2.	34.	34.	80.	80.	µg/L	0.	29	43.	42.	23 - 70
Pentachlorophenol	MS 12/8	< 10.	66.	65.	80.	80.	µg/L	1.	20	83.	82.	65 - 160
Phenol	MS 12/8	< 2.	39.	38.	80.	80.	µg/L	3.	25	49.	48.	34 - 63
2,4,6-Trichlorophenol	MS 12/8	< 5.	66.	66.	80.	80.	µg/L	0.	20	82.	82.	63 - 129

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Preparation & Analysis Information)
Method 8080

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/18/2001
Sample Matrix: Water
QC Batch ID: 200014119-1*8080

Samples Affected: 00-14119-1 - 00-14119-10

Constituents	Preparation Method	Preparation Date	Preparation Technician	Analytical Method	Run Date	Analyst
Method 8080 compounds	EPA-3510	12/12/2000	SLM	EPA-8080	12/15/2000	RKJ

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8080

GEOLOGIC ASSOCIATES
16885 W BERNARDO DRIVE, SUITE 305
SAN DIEGO, CA 92127
SARAH BATTELLE

Date of Report: 01/18/2001
Sample Matrix: Water
QC Batch ID: 200014119-1*8080

Samples Affected: 00-14119-1 - 00-14119-10

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Aldrin	MS 12/12	< 0.005	0.207	0.211	0.250	0.250	µg/L	2.	22	83.	85.	60 - 118
gamma-BHC	MS 12/12	< 0.005	0.157	0.167	0.250	0.250	µg/L	6.	20	63.	67.	61 - 116
4,4'-DDT	MS 12/12	< 0.005	0.232	0.230	0.250	0.250	µg/L	1.	24	93.	92.	66 - 130
Dieldrin	MS 12/12	< 0.005	0.203	0.215	0.250	0.250	µg/L	6.	23	81.	86.	66 - 129
Endrin	MS 12/12	< 0.005	0.217	0.228	0.250	0.250	µg/L	4.	25	87.	91.	64 - 137
Heptachlor	MS 12/12	< 0.005	0.189	0.200	0.250	0.250	µg/L	5.	24	76.	80.	67 - 114

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * Fax (661) 327-1918 * www.bclabs.com