



Rio Algom

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Return Receipt Requested

April 29, 2002

Mr. Steve Ingle
WDEQ/LQD
Herschler Building
122 West 25th Street
Cheyenne, WY 82002

RE: 1st Quarter 2002 MIT/Water Quality Report
Permit to Mine 633
NRC License SUA-1548, Docket 40-8964

Dear Mr. Ingle:

Please find attached the MIT/Water Quality Report for the 1st Quarter of 2002. All results are within the acceptable ranges. During the quarter a total of sixty nine (69) wells passed a MIT. A total of two (2) wells failed MITs and were plugged to abandon.

If you have questions regarding this submittal, please feel free to contact me at (307) 358-3744 ext. 62.

Sincerely,

John W. Cash
Manager EHS & Regulatory Affairs

Xc: Bill Ferdinand w/attachments
Paul Goranson w/attachments
Bruce Law w/o attachments
Melvyn Leach w/attachments (U.S. NRC) **Certified Mail- 7001 2510 0008 1945 3961**
✓ John Lusher w/attachments (U.S. NRC) **Certified Mail- 7001 2510 0008 1945 3954**
file

NMSSo1 Public
Add: John Lusher

QUARTERLY MIT REPORT

1/1/02-3/31/02

WELL NUMBER	MIT DATE	PASS	FAIL	CERTIFICATION	COMMENTS
3P-60	3/26/02	X		<i>[Signature]</i>	
3I-158	3/7/02	X		"	
3I-76A	3/7/02	X		"	
3P-27	3/6/02	X		"	
3I-284	3/5/02	X		"	
3I-19	3/5/02	X		"	
3I-37	3/5/02	X		"	
3I-76	1/18/02		X	"	PLUGGED AND ABANDONED
3I-75	1/7/02	X		"	
3P-109	1/7/02	X		"	
3P-70	1/8/02	X		"	
3P-50	1/9/02	X		"	
3I-172	1/14/02	X		"	
3I-182	1/15/02	X		"	
3I-186	1/15/02	X		"	
3P-127	1/22/02	X		"	
3P-42	1/24/02	X		"	
3I-64	1/24/02	X		"	
4P-210	1/25/02	X		"	REPAIR
4P-288	1/25/02	X		"	WORK OVER
3I-46	1/25/02	X		"	
3I-141	1/4/02	X		"	
3P-13	1/4/02	X		"	
3I-98	1/4/02	X		"	
3I-181A	1/11/02	X		"	
3P-19	1/14/02	X		"	
3P-20	1/14/02	X		"	
3P-21	1/15/02	X		"	
3P-74	1/15/02	X		"	REPAIR
3P-36	1/24/02	X		"	
3I-28	1/24/02	X		"	
3P-29	1/25/02	X		"	
3I-241	1/26/02	X		"	
3P-57	2/7/02	X		"	
3P-47	2/7/02	X		"	
3I-98	2/14/02	X		"	REPAIR
3I-60	2/6/02	X		"	
3P-55	2/6/02	X		"	
3I-70	2/6/02	X		"	
3I-27	2/6/02	X		"	
3I-36	1/29/02	X		"	
4P-286	1/29/02	X		"	WORK OVER
3I-62	1/30/02	X		"	
3I-77	1/30/02	X		"	
3P-41	1/26/02	X		"	
3I-54	1/26/02	X		"	
3P-126	2/5/02	X		"	
3I-171	2/5/02		X	"	PLUGGED TO ABANDON

QUARTERLY MIT REPORT

1/1/02-3/31/02

WELL NUMBER	MIT DATE	PASS	FAIL	CERTIFICATION	COMMENTS
3I-53	2/5/02	X		<i>[Signature]</i>	
3I-279	2/20/02	X		"	WORK OVER
3I-86	2/28/02	X		"	
3I-74	2/28/02	X		"	
3P-58A	2/28/02	X		"	
3P-59	3/1/02	X		"	
3P-61	3/1/02	X		"	
3P-35	3/4/02	X		"	
3P-28	3/4/02	X		"	
3I-35	3/5/02	X		"	
3I-44	3/5/02	X		"	
4P-210A	3/13/02	X		"	
P-7	2/28/02	X		"	
P-4	3/6/02	X		"	
P-3	3/6/02	X		"	
P-24	3/7/02	X		"	
I-8	3/11/02	X		"	
P-28	3/11/02	X		"	
P-32	3/11/023	X		"	
P-33	3/6/02	X		"	
P-46	3/13/02	X		"	
P-47	3/6/02	X		"	
I-67	1/10/02	X		"	
				"	
				"	
				"	
				"	
				"	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed: *[Signature]*

Date: 4/15/02

Manager of Drilling

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M1

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
1/2/02	5190.00	7.71	543	3.7	189
1/15/02	5199.00	7.71	544	3.7	192
2/1/02	5190.00	7.73	532	3.7	192
2/13/02	5205.00	7.60	538	3.8	192
3/4/02	5217.00	7.35	533	3.5	193
3/19/02	5212.00	7.58	528	3.5	192

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M2

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
1/2/02	5192.00	7.70	523	4.3	192
1/15/02	5201.00	7.74	533	4.1	191
2/1/02	5192.00	7.68	524	4.2	186
2/13/02	5207.00	7.59	528	4.1	193
3/4/02	5219.00	7.52	522	4.0	192
3/19/02	5211.00	7.55	520	4.0	191

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M3

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
1/2/02	5193.00	7.68	539	4.7	194
1/15/02	5201.00	7.64	537	4.6	193
2/1/02	5192.00	7.73	533	4.6	190
2/13/02	5207.00	7.52	535	4.9	196
3/4/02	5229.00	7.48	525	4.1	195
3/19/02	5211.00	7.64	535	4.1	193

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M4

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
1/2/02	5194.00	7.67	543	4.6	193
1/15/02	5202.00	7.60	541	4.3	192
2/1/02	5193.00	7.70	538	4.7	193
2/13/02	5207.00	7.54	539	4.3	195
3/4/02	5220.00	7.49	534	4.2	194
3/19/02	5208.00	7.59	543	4.6	193

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M5

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
1/2/02	5196.00	7.68	555	5.7	201
1/15/02	5202.00	7.60	553	5.6	202
2/1/02	5193.00	7.72	545	5.6	203
2/13/02	5207.00	7.55	553	5.7	205
3/4/02	5219.00	7.54	559	5.6	204
3/19/02	5203.00	7.43	522	6.1	205

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M6A

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5207.00	7.77	542	3.9	187
1/15/02	5206.00	7.60	540	4.0	187
2/1/02	5201.00	7.78	531	3.9	189
2/13/02	5210.00	7.70	529	3.9	188
3/4/02	5221.00	7.55	528	4.0	188
3/19/02	5192.00	7.49	522	4.0	187

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M7

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
1/2/02	5204.00	7.71	517	3.5	179
1/15/02	5203.00	7.70	512	3.5	179
2/1/02	5198.00	7.75	510	3.9	183
2/13/02	5206.00	7.76	516	3.5	179
3/4/02	5217.00	7.54	512	3.5	180
3/19/02	5189.00	7.50	504	3.9	179

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M8

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5204.00	7.82	496	4.2	166
1/15/02	5203.00	7.72	488	4.1	166
2/1/02	5198.00	7.85	488	4.1	166
2/13/02	5207.00	7.72	488	4.1	165
3/4/02	5218.00	7.58	481	3.9	168
3/19/02	5189.00	7.72	481	4.7	162

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M9

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
1/2/02	5203.00	7.77	488	3.5	172
1/15/02	5203.00	7.71	488	3.3	173
2/1/02	5198.00	7.83	480	4.1	173
2/13/02	5208.00	7.74	483	3.5	172
3/4/02	5219.00	7.58	479	3.4	172
3/19/02	5186.00	7.60	478	3.5	172

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M10

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5203.00	7.79	491	3.3	170
1/15/02	5204.00	7.79	486	3.5	170
2/1/02	5199.00	7.83	478	3.4	171
2/13/02	5210.00	7.65	479	3.4	170
3/4/02	5220.00	7.53	490	3.7	171
3/19/02	5185.00	7.57	479	3.7	171

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M11

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5203.00	7.76	482	3.6	171
1/15/02	5204.00	7.70	477	3.6	171
2/1/02	5199.00	7.78	475	3.9	176
2/13/02	5211.00	7.67	475	3.9	171
3/4/02	5220.00	7.56	480	4.1	171
3/19/02	5184.00	7.58	484	4.2	171

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M12

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5205.00	7.86	478	3.7	170
1/15/02	5203.00	7.80	487	3.3	168
2/1/02	5201.00	7.75	499	3.8	170
2/13/02	5212.00	7.73	501	3.8	171
3/4/02	5223.00	7.57	488	3.6	170
3/19/02	5224.00	7.56	470	3.6	169

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M13

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5203.00	7.78	535	3.6	168
1/15/02	5205.00	7.79	500	3.2	168
2/1/02	5199.00	7.70	513	3.3	169
2/13/02	5212.00	7.65	508	3.7	170
3/4/02	5220.00	7.53	509	3.4	169
3/19/02	5211.00	7.59	479	3.2	168

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M14

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5198.00	7.79	498	3.5	171
1/15/02	5204.00	7.73	505	3.1	171
2/1/02	5195.00	7.68	508	3.2	172
2/13/02	5209.00	7.68	510	3.4	172
3/4/02	5220.00	7.52	506	3.2	171
3/19/02	5210.00	7.61	495	3.3	171

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M15

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5195.00	7.80	499	3.6	175
1/15/02	5203.00	7.76	513	3.6	175
2/1/02	5193.00	7.68	510	3.8	175
2/13/02	5208.00	7.61	510	3.8	177
3/4/02	5219.00	7.55	506	3.6	175
3/19/02	5209.00	7.53	496	3.6	176

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M16

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5195.00	7.79	513	3.9	183
1/15/02	5205.00	7.84	550	4.1	183
2/1/02	5194.00	7.74	509	4.2	183
2/13/02	5209.00	7.65	512	4.0	184
3/4/02	5220.00	7.60	521	3.7	182
3/19/02	5210.00	7.53	514	4.1	183

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M17

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5192.00	7.75	511	4.1	184
1/15/02	5204.00	7.78	545	3.6	184
2/1/02	5191.00	7.78	519	4.0	183
2/13/02	5191.00	7.63	517	4.1	184
3/4/02	5209.00	7.58	521	4.0	185
3/19/02	5212.00	7.58	511	3.8	182

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M18

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5194.00	7.68	551	4.6	200
1/15/02	5204.00	7.72	579	4.6	199
2/1/02	5194.00	7.66	553	5.1	199
2/13/02	5194.00	7.60	553	4.8	200
3/4/02	5209.00	7.46	560	4.6	198
3/19/02	5212.00	7.40	541	4.8	199

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M19

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5203.00	7.66	555	4.8	201
1/15/02	5210.00	7.75	572	4.6	200
2/1/02	5203.00	7.65	550	4.9	201
2/13/02	5203.00	7.64	559	4.9	202
3/4/02	5222.00	7.49	563	4.6	200
3/19/02	5218.00	7.49	548	4.4	201

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M20

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5204.00	7.66	546	4.7	199
1/15/02	5209.00	7.74	557	4.7	200
2/1/02	5204.00	7.69	545	5.2	200
2/13/02	5186.00	7.54	552	5.1	202
3/4/02	5222.00	7.48	553	4.9	199
3/19/02	5218.00	7.48	540	4.9	199

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M21

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5204.00	7.62	536	4.8	196
1/15/02	5210.00	7.72	540	4.9	195
2/1/02	5204.00	7.71	528	5.0	196
2/13/02	5204.00	7.51	538	5.0	198
3/4/02	5233.00	7.47	542	5.2	195
3/19/02	5230.00	7.46	525	4.5	196

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M22

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5197.00	7.72	540	4.5	199
1/15/02	5203.00	7.79	552	4.9	199
2/1/02	5197.00	7.73	545	4.7	200
2/13/02	5197.00	7.51	545	5.0	201
3/4/02	5222.00	7.47	552	4.6	198
3/19/02	5219.00	7.81	558	4.7	199

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M23

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5190.00	7.64	582	3.2	186
1/15/02	5194.00	7.70	599	3.1	187
2/1/02	5190.00	7.63	575	3.3	186
2/13/02	5190.00	7.72	570	3.0	186
3/4/02	5220.00	7.48	548	2.9	187
3/19/02	5215.00	7.68	533	3.4	186

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M24

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5190.00	7.76	539	3.7	186
1/15/02	5201.00	7.77	542	3.5	187
2/1/02	5190.00	7.70	529	3.6	183
2/13/02	5190.00	7.55	537	3.9	188
3/4/02	5219.00	7.73	540	3.3	187
3/19/02	5215.00	7.58	535	3.9	186

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M25

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5191.00	7.71	539	3.6	191
1/15/02	5201.00	7.87	522	3.7	191
2/1/02	5190.00	7.75	529	3.7	192
2/13/02	5190.00	7.60	533	4.0	193
3/4/02	5220.00	7.55	536	3.9	192
3/19/02	5216.00	7.60	529	3.8	191

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MT1

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5203.00	7.72	553	5.4	199
1/15/02	5210.00	7.93	572	5.3	199
2/1/02	5203.00	7.71	559	5.6	200
2/13/02	5203.00	7.52	559	5.5	201
3/4/02	5222.00	7.48	564	5.4	198
3/19/02	5220.00	7.51	577	5.1	199

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MT2A

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
1/2/02	5196.00	7.75	508	4.2	179
1/15/02	5204.00	7.83	514	3.9	180
2/1/02	5194.00	7.68	525	4.1	180
2/13/02	5194.00	7.59	525	4.3	181
3/4/02	5220.00	7.50	522	3.9	179
3/19/02	5213.00	7.56	503	4.5	178

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS1

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=765	UCL=20	UCL=247
1/2/02	5279.67	7.66	594	6.3	200
1/15/02	5278.30	7.49	581	6.7	198
2/1/02	5277.60	7.46	592	5.7	198
2/13/02	5277.10	7.50	583	6.0	197
3/4/02	5278.47	7.34	576	6.2	200
3/19/02	5278.00	7.41	578	5.9	197

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS2

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
1/2/02	5279.60	7.60	596	13.1	192
1/15/02	5278.00	7.60	604	12.0	192
2/1/02	5277.00	7.32	617	11.9	193
2/13/02	5277.30	7.56	605	11.1	192
3/4/02	5277.70	7.43	627	11.2	196
3/19/02	5277.62	7.55	578	10.8	192

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS3

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
1/2/02	5277.16	7.53	605	7.1	208
1/15/02	5277.10	7.51	611	6.9	206
2/1/02	5275.70	7.35	611	7.0	207
2/13/02	5275.80	7.39	672	6.9	209
3/4/02	5276.16	7.32	606	7.1	209
3/19/02	5276.46	7.35	617	6.9	207

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS4

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
1/2/02	5277.93	7.58	592	6.6	206
1/15/02	5279.50	7.63	611	6.8	206
2/1/02	5275.60	7.35	601	6.8	206
2/13/02	5276.00	7.48	675	6.8	206
3/4/02	5276.13	7.42	599	7.2	209
3/19/02	5276.19	7.39	602	6.7	206

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS5

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
1/2/02	5278.59	7.62	590	6.5	200
1/15/02	5277.70	7.51	597	6.5	201
2/1/02	5276.90	7.50	614	6.4	200
2/13/02	5277.50	7.41	658	6.3	200
3/4/02	5277.49	7.33	597	6.4	203
3/19/02	5277.89	7.42	594	6.4	200

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS6

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
1/2/02	5277.32	7.57	588	6.4	201
1/15/02	5276.80	7.47	596	6.2	201
2/1/02	5276.50	7.32	604	6.4	201
2/13/02	5276.80	7.55	598	5.9	200
3/4/02	5276.32	7.33	592	5.9	203
3/19/02	5276.72	7.40	592	6.1	199

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS7

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=765	UCL=20	UCL=247
1/2/02	5266.91	7.59	556	6.1	173
1/15/02	5278.60	7.53	553	5.5	174
2/1/02	5277.90	7.34	541	5.6	174
2/13/02	5278.50	7.57	550	5.6	173
3/4/02	5277.91	7.35	550	5.7	176
3/19/02	5278.41	7.45	546	5.6	172

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS8

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
1/2/02	5276.84	7.74	543	5.6	181
1/15/02	5276.60	7.65	542	5.3	180
2/1/02	5275.80	7.45	555	5.5	181
2/13/02	5272.50	7.75	529	5.9	180
3/4/02	5275.84	7.72	536	5.5	180
3/19/02	5276.28	7.43	526	5.6	179

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS9

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
1/2/02	5276.58	7.63	580	5.6	190
1/15/02	5276.50	7.64	618	5.6	192
2/1/02	5275.80	7.35	561	5.8	191
2/13/02	5276.50	7.57	573	5.7	191
3/4/02	5275.78	7.52	576	5.6	192
3/19/02	5276.20	7.33	561	5.4	190

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS10

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
1/2/02	5306.66	7.61	547	5.0	183
1/15/02	5276.80	7.55	541	5.0	183
2/1/02	5276.00	7.37	538	5.3	182
2/13/02	5276.40	7.60	542	5.0	183
3/4/02	5276.06	7.53	547	5.1	183
3/19/02	5275.93	7.87	548	5.2	182

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS11

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
1/2/02	5278.12	7.54	585	6.4	198
1/15/02	5277.30	7.48	586	6.4	198
2/1/02	5276.90	7.35	585	6.7	197
2/13/02	5277.60	7.52	602	6.5	198
3/4/02	5277.02	7.37	591	6.3	200
3/19/02	5277.24	7.48	584	6.5	197

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD1

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
1/2/02	5208.60	7.51	815	2.0	187
1/15/02	5208.80	7.41	809	1.9	187
2/1/02	5208.70	7.25	810	2.3	186
2/13/02	5210.30	7.46	804	2.4	186
3/4/02	5211.00	7.33	806	2.0	189
3/19/02	5210.90	7.35	818	2.0	187

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD2

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
1/2/02	5209.15	7.60	722	2.1	179
1/15/02	5209.00	7.48	722	2.1	178
2/1/02	5208.90	7.30	733	2.1	179
2/13/02	5210.90	7.52	721	2.5	178
3/4/02	5210.25	7.33	720	2.2	181
3/19/02	5210.02	7.38	705	2.1	178

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD3A

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
1/2/02	5208.06	7.56	688	2.2	181
1/15/02	5208.90	7.55	680	2.7	181
2/1/02	5208.40	7.34	697	2.9	181
2/13/02	5209.90	7.42	733	2.8	182
3/4/02	5209.76	7.49	685	3.0	182
3/19/02	5209.53	7.42	697	2.6	181

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD4

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
1/2/02	5207.91	7.59	675	2.4	180
1/15/02	5207.20	7.62	677	2.2	179
2/1/02	5208.30	7.39	687	2.5	179
2/13/02	5209.60	7.30	721	2.3	178
3/4/02	5209.81	7.40	665	2.1	181
3/19/02	5210.03	7.38	668	2.3	179

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD5

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1259	UCL=17	UCL=239
1/2/02	5207.97	7.55	732	2.1	177
1/15/02	5208.60	7.46	742	2.0	176
2/1/02	5208.50	7.34	740	1.8	177
2/13/02	5210.80	7.40	782	1.9	178
3/4/02	5210.17	7.30	737	1.7	179
3/19/02	5211.25	7.34	736	1.9	176

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD6

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
1/2/02	5206.97	7.48	825	2.0	185
1/15/02	5207.70	7.41	826	2.0	184
2/1/02	5208.40	7.26	815	2.1	185
2/13/02	5209.50	7.44	832	2.2	184
3/4/02	5209.27	7.31	821	1.9	187
3/19/02	5210.32	7.29	827	2.1	184

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD7

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1259	UCL=17	UCL=239
1/2/02	5207.02	7.50	809	2.2	183
1/15/02	5207.70	7.44	812	2.1	183
2/1/02	5208.10	7.26	796	2.4	182
2/13/02	5209.20	7.46	802	2.1	182
3/4/02	5209.22	7.30	789	2.0	185
3/19/02	5210.25	7.31	805	2.2	184

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD8A

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
1/2/02	5227.19	7.58	600	2.9	193
1/15/02	5207.90	7.49	593	2.0	194
2/1/02	5208.20	7.31	575	2.9	193
2/13/02	5209.70	7.56	595	2.8	182
3/4/02	5209.59	7.41	595	2.7	194
3/19/02	5210.45	7.45	596	2.7	193

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD9

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
1/2/02	5207.14	7.57	661	2.6	186
1/15/02	5207.70	7.46	644	2.6	187
2/1/02	5208.10	7.26	627	2.7	187
2/13/02	5209.50	7.48	653	2.6	186
3/4/02	5209.34	7.62	653	2.5	187
3/19/02	5210.36	7.36	645	2.4	188

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD10

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
1/2/02	5276.62	7.59	557	3.2	202
1/15/02	5207.80	7.49	593	2.9	201
2/1/02	5208.20	7.34	539	2.8	202
2/13/02	5209.70	7.52	550	3.3	201
3/4/02	5209.42	7.45	555	3.1	202
3/19/02	5210.49	7.63	532	3.0	201

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD11

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
1/2/02	5207.28	7.61	766	2.5	180
1/15/02	5207.90	7.46	770	2.2	180
2/1/02	5208.70	7.25	763	2.0	180
2/13/02	5210.20	7.47	776	2.1	180
3/4/02	5209.48	7.58	792	2.4	183
3/19/02	5210.70	7.41	757	1.9	179

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M301

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
1/4/02	5214.60	7.48	823	2.1	196
1/21/02	5220.50	7.57	869	1.9	196
2/6/02	5219.50	7.55	843	2.0	196
2/20/02	5217.80	7.43	841	2.5	196
3/6/02	5219.40	7.72	853	2.0	195
3/20/02	5218.70	7.41	833	2.4	201

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M302

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
1/4/02	5213.10	7.55	693	2.3	162
1/21/02	5220.10	7.63	724	2.6	161
2/6/02	5219.10	7.61	705	2.2	161
2/20/02	5217.40	7.49	708	2.2	161
3/6/02	5219.30	7.67	703	2.0	161
3/20/02	5219.00	7.45	691	2.5	164

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M303

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
1/4/02	5213.90	7.51	729	2.0	165
1/21/02	5222.10	7.62	756	2.0	165
2/6/02	5220.10	7.60	749	2.1	165
2/20/02	5218.30	7.46	755	2.1	164
3/6/02	5221.50	7.61	743	1.9	165
3/20/02	5220.20	7.41	731	2.3	167

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M304

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
1/4/02	5214.50	7.44	855	2.0	198
1/21/02	5219.50	7.55	881	2.2	198
2/6/02	5218.90	7.56	884	2.0	198
2/20/02	5218.00	7.39	892	2.1	197
3/6/02	5219.70	7.51	872	2.0	198
3/20/02	5219.30	7.35	863	2.2	200

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M305

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
1/4/02	5215.10	7.43	853	1.9	194
1/21/02	5218.60	7.54	907	1.9	194
2/6/02	5218.20	7.55	877	1.9	194
2/20/02	5217.20	7.38	885	2.2	192
3/6/02	5219.00	7.49	862	1.9	194
3/20/02	5218.60	7.32	851	2.3	196

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M306

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
1/4/02	5215.20	7.45	845	1.9	200
1/21/02	5218.00	7.51	913	2.2	199
2/6/02	5217.80	7.57	875	2.5	200
2/20/02	5216.90	7.38	887	2.3	199
3/6/02	5218.50	7.49	839	1.9	197
3/20/02	5218.30	7.30	837	2.6	199

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M307

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
1/4/02	5215.50	7.52	813	2.0	187
1/21/02	5218.00	7.57	833	1.9	187
2/6/02	5218.20	7.68	828	1.9	187
2/20/02	5216.80	7.46	807	2.1	187
3/6/02	5218.70	7.62	807	1.8	187
3/20/02	5218.40	7.31	804	2.1	186

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M308

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
1/4/02	5215.80	7.52	706	2.1	163
1/21/02	5217.20	7.65	712	2.4	163
2/6/02	5218.50	7.64	716	2.2	163
2/20/02	5216.80	7.50	710	2.3	162
3/6/02	5218.30	7.62	711	1.9	162
3/20/02	5218.30	7.31	705	2.0	162

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M309

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
1/4/02	5215.70	7.54	676	1.7	161
1/21/02	5216.30	7.68	689	2.5	161
2/6/02	5217.60	7.68	687	1.6	161
2/20/02	5216.20	7.59	683	2.6	160
3/6/02	5217.80	7.61	678	1.9	161
3/20/02	5217.80	7.36	656	2.4	163

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M310

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
1/4/02	5217.70	7.64	755	2.5	170
1/21/02	5217.20	7.65	767	2.0	169
2/6/02	5219.10	7.62	752	2.3	169
2/20/02	5217.90	7.53	754	2.1	168
3/6/02	5219.30	7.58	757	2.0	169
3/20/02	5219.50	7.36	745	2.2	171

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M311

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
1/4/02	5212.90	7.96	813	2.1	173
1/21/02	5215.00	7.65	801	2.5	174
2/6/02	5217.30	7.63	807	2.0	173
2/20/02	5217.50	7.53	802	2.2	173
3/6/02	5217.20	7.58	798	2.1	173
3/20/02	5218.10	7.37	803	2.4	176

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M312

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
1/4/02	5215.90	7.69	758	1.8	165
1/21/02	5214.90	7.64	765	2.0	166
2/6/02	5216.80	7.62	767	1.5	165
2/20/02	5217.30	7.55	765	2.0	165
3/6/02	5216.70	7.60	761	2.0	166
3/20/02	5217.70	7.32	752	2.0	166

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M313

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
1/4/02	5215.30	7.86	786	1.7	168
1/21/02	5215.20	7.62	772	2.1	169
2/6/02	5216.70	7.61	778	1.5	169
2/20/02	5216.90	7.50	768	1.9	167
3/6/02	5216.60	7.58	767	1.9	169
3/20/02	5217.60	7.37	758	1.8	168

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M314

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
1/4/02	5216.70	7.75	783	2.3	171
1/21/02	5221.00	7.80	759	6.1	149
2/6/02	5219.70	7.36	775	3.5	165
2/20/02	5219.80	7.71	800	3.5	166
3/6/02	5219.60	7.73	775	3.1	166
3/20/02	5220.50	7.66	720	4.6	128

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M315

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
1/4/02	5216.20	7.50	759	1.9	165
1/21/02	5217.70	7.60	762	2.2	169
2/6/02	5218.70	7.71	774	1.6	169
2/20/02	5218.00	7.49	752	2.1	168
3/6/02	5218.40	7.61	749	1.9	168
3/20/02	5219.10	7.30	746	2.3	168

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M316

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
1/4/02	5216.00	7.53	744	2.0	162
1/21/02	5217.90	7.63	751	1.8	162
2/6/02	5218.70	7.66	753	1.9	163
2/20/02	5219.10	7.56	730	2.0	162
3/6/02	5218.10	7.55	738	2.1	161
3/20/02	5218.70	7.32	733	2.1	163

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M317

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
1/4/02	5216.40	7.47	834	1.9	183
1/21/02	5218.70	7.47	864	1.8	183
2/6/02	5219.20	7.58	845	1.9	183
2/20/02	5219.50	7.42	833	2.1	182
3/6/02	5218.40	7.51	837	1.7	183
3/20/02	5219.00	7.26	825	1.9	183

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M318

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
1/4/02	5217.60	7.48	845	2.2	183
1/21/02	5219.70	7.46	884	2.3	182
2/6/02	5220.10	7.75	869	2.4	182
2/20/02	5220.40	7.42	846	2.5	180
3/6/02	5219.40	7.51	846	2.4	182
3/20/02	5219.70	7.24	866	2.5	187

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M319

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
1/4/02	5217.50	7.53	773	2.0	164
1/21/02	5220.30	7.50	803	1.7	164
2/6/02	5220.50	7.62	776	1.9	163
2/20/02	5220.50	7.48	767	2.1	163
3/6/02	5219.70	7.56	760	2.1	163
3/20/02	5219.90	7.30	768	2.3	163

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M320

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
1/4/02	5216.30	7.63	759	2.1	171
1/21/02	5219.70	7.47	786	2.2	171
2/6/02	5220.20	7.63	758	2.0	170
2/20/02	5219.90	7.50	754	2.6	169
3/6/02	5219.20	7.58	754	2.2	170
3/20/02	5219.40	7.29	755	2.3	170

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS301

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
1/4/02	5231.00	7.43	683	7.8	222
1/21/02	5230.80	7.39	662	7.8	221
2/6/02	5230.10	7.23	672	7.5	221
2/20/02	5230.50	7.59	664	7.7	222
3/6/02	5230.70	7.49	658	7.6	221
3/20/02	5230.70	7.44	658	7.7	221

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS302

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
1/4/02	5230.90	7.52	650	6.7	220
1/21/02	5230.60	7.40	647	6.6	220
2/6/02	5230.20	7.36	648	6.5	221
2/20/02	5230.20	7.63	639	6.5	220
3/6/02	5230.70	7.62	630	6.4	219
3/20/02	5230.40	7.35	633	6.9	220

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS303

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
1/4/02	5231.80	7.50	565	6.0	186
1/21/02	5231.70	7.43	555	6.0	186
2/6/02	5231.30	7.39	561	6.5	187
2/20/02	5231.50	7.65	554	6.5	186
3/6/02	5231.60	7.59	601	6.2	186
3/20/02	5231.70	7.67	550	6.4	185

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS304

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
1/4/02	5308.40	7.52	748	7.4	237
1/21/02	5308.00	7.42	733	7.3	238
2/6/02	5307.60	7.19	747	7.3	236
2/20/02	5307.70	7.51	744	7.5	237
3/6/02	5307.70	7.52	739	7.0	236
3/20/02	5307.60	7.35	733	7.2	236

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS305

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
1/4/02	5312.20	7.63	738	7.6	239
1/21/02	5312.80	7.65	755	7.3	239
2/6/02	5311.60	7.30	741	7.8	239
2/20/02	5312.90	7.58	744	7.6	240
3/6/02	5312.00	7.43	738	7.0	239
3/20/02	5312.00	7.34	804	7.1	239

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS306

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
1/4/02	5310.90	7.58	739	7.5	228
1/21/02	5311.40	7.39	733	7.0	227
2/6/02	5311.10	7.48	735	7.5	227
2/20/02	5311.60	7.47	765	7.4	227
3/6/02	5310.80	7.60	727	7.2	226
3/20/02	5310.80	7.27	775	7.5	226

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS307

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
1/4/02	5223.80	7.53	547	6.2	180
1/21/02	5224.80	7.58	536	6.2	180
2/6/02	5224.60	7.44	537	6.5	180
2/20/02	5225.20	7.63	556	7.9	181
3/6/02	5224.50	7.59	531	7.8	180
3/20/02	5224.80	7.59	538	6.7	180

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS309

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
1/4/02	5315.80	7.50	764	8.4	230
1/21/02	5316.50	7.31	757	7.6	233
2/6/02	5316.10	7.27	763	7.9	232
2/20/02	5316.60	7.55	806	7.6	234
3/6/02	5315.70	7.53	749	7.8	232
3/20/02	5315.70	7.29	810	8.3	231

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS310

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
1/4/02	5233.70	7.70	559	4.2	166
1/21/02	5234.20	7.53	555	3.9	166
2/6/02	5233.80	7.53	549	4.5	165
2/20/02	5234.50	7.81	574	4.1	166
3/6/02	5233.80	7.52	560	4.4	165
3/20/02	5233.80	7.58	568	4.7	165

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS311

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
1/4/02	5234.50	7.59	581	4.0	191
1/21/02	5234.90	7.65	578	3.7	191
2/6/02	5234.40	7.58	582	4.1	191
2/20/02	5235.10	7.62	573	4.0	191
3/6/02	5234.60	7.78	571	4.2	192
3/20/02	5234.60	7.38	594	4.4	190

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS312

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
1/4/02	5234.00	7.70	536	2.5	143
1/21/02	5234.30	7.67	534	2.2	145
2/6/02	5233.00	7.36	557	2.4	146
2/20/02	5232.90	7.87	537	2.6	147
3/6/02	5233.40	7.60	525	2.4	145
3/20/02	5232.90	7.66	529	2.6	146

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS313

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
1/4/02	5235.20	7.55	552	3.0	180
1/21/02	5235.19	7.40	552	3.1	178
2/6/02	5234.60	7.71	549	3.0	179
2/20/02	5234.90	7.70	586	3.3	179
3/6/02	5235.30	7.62	540	3.1	179
3/20/02	5234.80	7.32	547	3.3	179

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - OMS1

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
1/4/02	5317.20	7.68	768	7.8	231
1/21/02	5314.80	7.55	750	7.3	231
2/6/02	5314.40	7.51	756	7.8	230
2/20/02	5315.10	7.47	739	7.7	229
3/6/02	5315.10	7.56	748	7.8	231
3/20/02	5314.10	7.30	752	7.6	230

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD301

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=496	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=171
1/4/02	5213.10	7.73	409	2.5	160
1/21/02	5211.00	7.69	405	3.0	159
2/6/02	5210.00	7.64	411	2.7	159
2/20/02	5207.60	7.93	401	3.0	159
3/6/02	5208.30	7.83	394	2.6	158
3/20/02	5208.70	7.64	401	3.3	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD302

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
1/4/02	5214.70	7.70	414	2.9	160
1/21/02	5211.50	7.69	411	2.7	159
2/6/02	5210.70	7.61	415	2.6	159
2/20/02	5208.20	7.97	411	3.5	159
3/6/02	5208.40	7.92	402	2.8	157
3/20/02	5203.05	7.62	405	3.0	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD303

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=496	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=171
1/4/02	5211.50	7.73	411	2.9	159
1/21/02	5209.50	7.65	410	2.6	159
2/6/02	5208.80	7.63	409	2.8	159
2/20/02	5206.40	7.92	417	2.7	159
3/6/02	5206.40	7.81	403	2.8	159
3/20/02	5207.40	7.65	405	3.0	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD304

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
1/4/02	5209.40	7.76	419	3.3	160
1/21/02	5207.30	7.70	416	3.0	159
2/6/02	5206.40	7.56	417	2.8	159
2/20/02	5204.50	7.91	413	3.3	160
3/6/02	5204.60	7.76	406	2.9	159
3/20/02	5204.80	7.66	410	3.0	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD305

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
1/4/02	5208.90	7.72	409	3.1	159
1/21/02	5208.10	7.68	435	3.1	159
2/6/02	5207.40	7.63	419	3.2	158
2/20/02	5206.00	7.88	413	3.3	164
3/6/02	5205.00	7.65	420	3.0	160
3/20/02	5208.20	7.55	405	3.0	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD306

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
1/4/02	5204.30	7.73	414	3.1	159
1/21/02	5203.60	7.65	413	3.3	158
2/6/02	5202.80	7.61	419	2.8	159
2/20/02	5201.80	7.83	412	3.2	159
3/6/02	5200.90	7.75	415	3.3	159
3/20/02	5201.40	7.55	405	3.7	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD309

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=496	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=171
1/4/02	5202.90	7.63	410	3.1	160
1/21/02	5202.00	7.66	414	2.9	159
2/6/02	5201.30	7.60	418	2.6	159
2/20/02	5200.10	7.83	413	3.1	159
3/6/02	5199.50	7.62	407	2.8	160
3/20/02	5200.30	7.57	405	3.1	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD310

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
1/4/02	5202.50	7.70	414	3.3	159
1/21/02	5201.20	7.65	415	2.4	160
2/6/02	5200.80	7.59	417	3.1	159
2/20/02	5200.30	7.89	417	3.1	159
3/6/02	5199.70	7.72	404	2.9	160
3/20/02	5199.90	7.52	405	3.1	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD311

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
1/4/02	5201.60	7.74	424	2.8	161
1/21/02	5200.40	7.66	418	2.6	160
2/6/02	5200.10	7.58	423	2.9	160
2/20/02	5199.80	7.85	419	3.0	159
3/6/02	5199.20	7.85	419	3.3	160
3/20/02	5199.50	7.40	415	3.1	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - OMM1

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
1/16/02		7.75	417	3.0	159
1/29/02	5200.20	7.69	437	3.3	159
2/8/02	5201.60	7.49	410	3.4	159
2/20/02	5201.80	7.71	409	3.2	160
3/6/02	5201.20	7.75	401	2.9	159
3/20/02	5201.40	7.56	405	2.9	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M402

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5168.60	7.65	442	3.4	160
1/23/02	5179.50	7.60	440	3.7	157
2/7/02	5157.20	7.59	442	3.6	158
2/21/02	5183.30	7.80	438	3.3	159
3/11/02	5146.92	7.59	417	3.4	159
3/21/02	5202.30	7.47	438	3.8	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M403

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5171.60	7.64	425	3.2	162
1/23/02	5178.60	7.57	426	3.1	160
2/7/02	5160.30	7.62	421	3.3	161
2/21/02	5163.40	7.79	418	3.1	161
3/11/02	5172.44	7.61	421	3.3	160
3/21/02	5201.55	7.46	421	3.1	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M404

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5180.90	7.68	418	3.1	162
1/23/02	5181.70	7.73	422	3.2	161
2/7/02	5168.20	7.65	421	3.2	161
2/21/02	5185.80	7.78	413	2.9	161
3/11/02	5202.10	7.64	443	2.9	161
3/21/02	5199.65	7.45	419	3.2	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M405

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5187.90	7.77	422	3.3	161
1/23/02	5189.10	7.78	441	3.1	159
2/7/02	5175.90	7.68	428	3.2	160
2/21/02	5188.30	7.80	423	3.1	161
3/11/02	5180.30	7.64	420	3.2	161
3/21/02	5201.30	7.42	474	3.0	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M406

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5194.20	7.70	430	3.3	161
1/23/02	5193.20	7.74	442	3.2	159
2/7/02	5179.40	7.60	429	3.2	159
2/21/02	5188.10	7.80	422	3.0	160
3/11/02	5181.10	7.58	428	3.4	160
3/21/02	5202.00	7.43	427	3.1	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M407

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5194.70	7.70	439	3.3	160
1/23/02	5191.60	7.68	449	3.5	159
2/7/02	5176.90	7.63	439	3.3	159
2/21/02	5185.00	7.79	434	3.4	160
3/11/02	5178.60	7.57	436	3.4	159
3/21/02	5199.70	7.45	440	3.3	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M408

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5194.20	7.67	454	3.6	160
1/23/02	5189.90	7.63	461	3.2	159
2/7/02	5173.50	7.63	458	3.4	159
2/21/02	5181.10	7.80	450	3.5	160
3/11/02	5176.50	7.54	452	3.4	160
3/21/02	5197.05	7.50	460	3.5	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M409

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5196.70	7.65	453	3.6	159
1/23/02	5194.40	7.81	454	5.8	158
2/7/02	5172.50	7.79	457	4.0	158
2/21/02	5180.00	7.81	449	3.9	159
3/11/02	5176.50	7.96	449	3.6	159
3/21/02	5198.40	7.57	474	3.7	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M410

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5201.10	7.66	454	3.6	159
1/23/02	5199.90	7.63	463	3.3	158
2/7/02	5177.00	7.63	455	3.8	157
2/21/02	5183.30	7.62	458	3.6	159
3/11/02	5180.70	7.54	450	3.4	159
3/21/02	5200.00	7.42	453	3.6	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M411

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5207.00	7.65	456	3.6	158
1/23/02	5205.60	7.64	464	3.3	158
2/7/02	5189.30	7.66	461	3.6	158
2/21/02	5194.70	7.62	466	3.4	160
3/11/02	5190.10	7.57	450	3.6	159
3/21/02	5207.50	7.41	458	3.5	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M412

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5209.10	7.64	465	3.4	158
1/23/02	5208.80	7.62	474	3.6	157
2/7/02	5195.30	7.62	468	3.6	157
2/21/02	5198.30	7.62	475	3.4	159
3/11/02	5194.40	7.52	463	3.6	158
3/21/02	5210.95	7.38	467	3.6	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M413

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5207.20	7.63	478	3.1	159
1/23/02	5206.50	7.62	483	3.4	158
2/7/02	5196.70	7.65	478	3.9	158
2/21/02	5198.10	7.59	489	3.6	159
3/11/02	5194.10	7.51	479	3.4	158
3/21/02	5209.30	7.37	479	3.3	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M414

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5213.20	7.62	493	3.5	159
1/23/02	5216.00	7.58	494	3.2	158
2/7/02	5205.80	7.61	494	3.9	158
2/21/02	5205.70	7.59	496	3.5	160
3/11/02	5201.40	7.51	490	3.5	158
3/21/02	5214.85	7.36	491	3.4	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M415

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5214.20	7.61	507	3.3	157
1/23/02	5217.20	7.56	507	3.5	157
2/7/02	5209.20	7.57	508	3.4	157
2/21/02	5209.10	7.58	515	3.3	158
3/11/02	5204.40	7.48	507	3.3	158
3/21/02	5216.50	7.35	506	3.4	157

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M416

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5214.90	7.61	520	2.9	157
1/23/02	5218.30	7.55	519	3.3	156
2/7/02	5211.90	7.58	520	3.3	156
2/21/02	5211.60	7.62	533	3.3	157
3/11/02	5206.20	7.54	520	3.2	159
3/21/02	5217.15	7.33	515	3.4	156

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M417

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5213.80	7.60	522	3.2	157
1/23/02	5217.50	7.55	527	2.9	157
2/7/02	5213.30	7.57	528	3.2	157
2/21/02	5211.60	7.59	534	2.9	158
3/11/02	5206.80	7.54	525	3.3	160
3/21/02	5216.45	7.32	522	3.0	157

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M418

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5213.00	7.61	524	2.8	158
1/23/02	5214.50	7.55	532	3.1	158
2/7/02	5214.30	7.56	529	3.2	158
2/21/02	5210.30	7.62	537	3.1	159
3/11/02	5207.10	7.49	530	3.3	160
3/21/02	5215.15	7.29	525	3.0	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M419

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5213.50	7.59	539	2.9	160
1/23/02	5205.60	7.55	547	2.9	160
2/7/02	5214.60	7.56	538	2.9	160
2/21/02	5210.00	7.55	547	3.0	162
3/11/02	5207.90	7.50	548	3.1	163
3/21/02	5215.10	7.28	535	2.9	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M420

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5213.40	7.63	542	2.8	159
1/23/02	5216.10	7.48	541	2.8	159
2/7/02	5213.00	7.67	541	3.1	160
2/21/02	5208.20	7.58	553	2.8	161
3/11/02	5206.20	7.48	542	3.3	162
3/21/02	5214.00	7.33	543	2.8	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M421

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5210.60	7.71	532	2.9	161
1/23/02	5213.70	7.54	534	3.0	161
2/7/02	5210.20	7.69	536	3.0	161
2/21/02	5206.20	7.58	549	3.1	162
3/11/02	5203.50	7.67	541	2.9	164
3/21/02	5213.00	7.31	535	2.9	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M422

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5211.70	7.61	538	3.3	160
1/23/02	5212.10	7.80	531	2.9	159
2/7/02	5208.40	7.72	549	3.4	160
2/21/02	5207.10	7.77	515	3.1	160
3/11/02	5202.70	7.59	535	3.1	160
3/21/02	5214.35	7.32	532	2.8	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M423

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5213.20	7.59	528	3.3	159
1/23/02	5215.80	7.56	521	2.9	158
2/7/02	5206.50	7.77	523	3.1	159
2/21/02	5207.10	7.66	522	3.2	159
3/11/02	5201.80	7.43	528	3.2	159
3/21/02	5215.30	7.35	523	3.1	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M424

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5211.20	7.61	520	3.2	158
1/23/02	5213.20	7.49	524	3.3	157
2/7/02	5202.90	7.60	524	3.4	158
2/21/02	5203.10	7.72	518	3.3	158
3/11/02	5198.40	7.46	518	3.3	158
3/21/02	5213.45	7.35	518	3.3	157

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M425

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5208.90	7.55	516	3.5	156
1/23/02	5209.50	7.65	513	3.4	156
2/7/02	5197.80	7.60	520	3.6	157
2/21/02	5213.80	7.68	511	3.6	157
3/11/02	5194.80	7.48	513	3.3	157
3/21/02	5211.45	7.30	514	3.5	157

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M426

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5206.80	7.54	508	3.7	158
1/23/02	5205.30	7.48	519	3.6	157
2/7/02	5192.30	7.54	511	3.8	157
2/21/02	5196.20	7.70	515	3.7	158
3/11/02	5196.50	7.41	508	3.9	157
3/21/02	5209.90	7.32	505	3.6	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M427

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5205.00	7.55	492	3.6	160
1/23/02	5205.60	7.51	494	3.2	158
2/7/02	5186.00	7.55	492	3.9	159
2/21/02	5191.20	7.67	490	3.6	159
3/11/02	5187.65	7.46	487	3.7	159
3/21/02	5208.10	7.33	489	3.7	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M428

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5201.00	7.56	488	3.2	160
1/23/02	5201.80	7.53	490	3.4	158
2/7/02	5175.90	7.57	486	3.9	160
2/21/02	5183.40	7.71	486	3.8	159
3/11/02	5180.30	7.47	485	3.5	159
3/21/02	5202.25	7.36	484	3.8	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M429

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5197.20	7.55	494	3.2	160
1/23/02	5192.70	7.54	492	3.3	159
2/7/02	5171.40	7.60	491	3.9	158
2/21/02	5181.40	7.72	490	3.6	159
3/11/02	5176.70	7.45	486	3.5	160
3/21/02	5199.95	7.37	487	3.6	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M430

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5192.90	7.56	487	3.7	160
1/23/02	5189.70	7.60	487	3.7	159
2/7/02	5170.40	7.59	484	3.7	159
2/21/02	5180.70	7.71	484	3.9	159
3/11/02	5174.65	7.47	400	4.0	160
3/21/02	5198.85	7.36	484	3.5	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M431

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5191.10	7.56	476	3.5	160
1/23/02	5193.60	7.55	487	3.4	159
2/7/02	5170.60	7.55	475	3.9	159
2/21/02	5183.10	7.71	470	3.6	159
3/11/02	5174.80	7.47	473	3.5	159
3/21/02	5200.60	7.36	471	3.6	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M432

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5186.20	7.57	487	3.7	160
1/23/02	5191.10	7.53	483	3.8	159
2/7/02	5167.00	7.56	484	4.0	159
2/21/02	5183.20	7.73	482	3.9	160
3/11/02	5173.45	7.47	483	3.5	160
3/21/02	5201.55	7.39	480	3.8	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M433

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5178.30	7.61	496	3.3	160
1/23/02	5186.90	7.57	491	4.0	160
2/7/02	5161.40	7.63	493	4.0	159
2/21/02	5183.10	7.74	485	3.6	159
3/11/02	5171.50	7.47	492	3.9	160
3/21/02	5202.50	7.41	488	3.9	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M434

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5173.10	7.59	487	3.5	161
1/23/02	5175.50	7.53	474	3.2	158
2/7/02	5157.70	7.63	484	3.8	159
2/21/02	5183.10	7.76	480	3.9	159
3/11/02	5171.20	7.63	489	3.5	160
3/21/02	5203.75	7.44	478	3.7	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M435

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5166.78	7.80	533	3.8	161
1/23/02	5184.80	7.75	490	3.9	160
2/7/02	5154.40	7.78	495	3.5	162
2/21/02	5183.60	7.64	490	3.9	161
3/11/02	5170.07	7.61	489	3.8	160
3/21/02	5206.50	7.46	482	3.8	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M436

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5146.50	7.94	535	3.6	165
1/23/02	5163.70	7.78	501	3.7	165
2/7/02	5139.30	7.82	511	3.9	166
2/21/02	5171.40	7.61	508	3.5	165
3/11/02	5156.40	7.58	505	3.9	163
3/21/02	5188.70	7.41	498	3.8	163

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M437

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5137.20	7.76	534	3.4	161
1/23/02	5126.10	7.71	492	3.8	160
2/7/02	5123.70	7.68	502	4.2	162
2/21/02	5150.90	7.54	497	3.7	163
3/11/02	5134.41	7.51	496	3.7	160
3/21/02	5163.90	7.47	489	3.6	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M438

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5129.50	7.74	525	3.5	161
1/23/02	5107.30	7.60	494	4.0	160
2/7/02	5113.70	7.70	495	3.7	162
2/21/02	5138.60	7.52	494	3.5	162
3/11/02	5122.37	7.52	494	3.9	160
3/21/02	5152.55	7.42	484	3.9	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M439

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5120.50	7.82	525	3.7	160
1/23/02	5096.50	7.68	502	3.7	158
2/7/02	5108.00	7.70	504	4.0	161
2/21/02	5125.00	7.55	507	3.6	161
3/11/02	5111.33	7.51	501	4.0	159
3/21/02	5143.80	7.39	501	3.8	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M440

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5110.90	7.75	527	3.5	161
1/23/02	5082.10	7.64	507	3.5	159
2/7/02	5103.50	7.70	510	4.2	162
2/21/02	5105.30	7.54	505	3.8	161
3/11/02	5090.47	7.53	506	4.1	160
3/21/02	5137.20	7.38	497	3.7	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M441

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5097.90	7.72	522	3.7	157
1/23/02	5084.30	7.84	502	4.0	157
2/7/02	5116.70	7.70	508	4.0	161
2/21/02	5103.40	7.55	503	3.7	160
3/11/02	5085.70	7.53	507	4.0	160
3/21/02	5153.65	7.38	497	3.8	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M442

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5094.30	7.73	519	3.8	161
1/23/02	5111.50	7.65	515	4.0	160
2/7/02	5158.30	7.68	505	3.7	162
2/21/02	5130.30	7.59	507	4.1	161
3/11/02	5119.67	7.53	505	3.6	160
3/21/02	5194.20	7.38	492	3.8	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M443

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5115.20	7.71	530	3.5	162
1/23/02	5133.00	7.65	520	3.6	161
2/7/02	5189.70	7.71	520	3.9	163
2/21/02	5148.30	7.62	512	3.3	163
3/11/02	5143.70	7.60	520	4.1	161
3/21/02	5193.60	7.36	501	3.9	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M444

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5127.20	7.74	527	3.4	163
1/23/02	5136.70	7.67	519	3.5	161
2/7/02	5192.20	7.71	521	4.0	163
2/21/02	5144.20	7.54	516	3.5	162
3/11/02	5135.08	7.52	516	4.1	162
3/21/02	5176.90	7.32	504	3.4	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M445

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5128.40	7.74	525	3.7	163
1/23/02	5137.30	7.65	522	3.9	161
2/7/02	5190.40	7.73	521	3.7	164
2/21/02	5138.30	7.55	515	4.1	163
3/11/02	5131.00	7.53	517	3.8	162
3/21/02	5163.70	7.32	505	3.6	162

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M446

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5132.10	7.77	518	4.0	162
1/23/02	5142.80	7.67	510	3.9	161
2/7/02	5184.60	7.81	517	4.2	163
2/21/02	5128.40	7.51	501	4.0	163
3/11/02	5121.96	7.51	502	4.1	161
3/21/02	5151.20	7.31	496	3.8	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M447

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5132.00	7.72	515	3.9	162
1/23/02	5140.30	7.76	511	3.8	161
2/7/02	5175.90	7.69	501	3.7	164
2/21/02	5123.70	7.58	502	4.1	163
3/11/02	5110.49	7.49	496	4.2	161
3/21/02	5144.50	7.32	491	3.7	163

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M448

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5130.60	7.79	500	3.9	164
1/23/02	5134.40	7.56	492	3.5	163
2/7/02	5159.80	7.70	493	4.1	165
2/21/02	5118.80	7.53	493	3.9	164
3/11/02	5106.84	7.50	486	4.1	163
3/21/02	5137.10	7.36	485	3.8	163

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M449

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5130.30	7.79	488	3.7	163
1/23/02	5133.20	7.60	485	3.9	163
2/7/02	5143.10	7.72	483	4.1	165
2/21/02	5118.10	7.55	484	3.7	164
3/11/02	5104.95	7.50	474	4.1	163
3/21/02	5135.70	7.36	477	3.7	164

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M450

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5127.60	7.77	478	3.8	166
1/23/02	5144.20	7.59	486	3.4	164
2/7/02	5140.10	7.69	489	4.0	167
2/21/02	5133.50	7.59	482	4.0	167
3/11/02	5108.70	7.51	484	4.0	165
3/21/02	5163.95	7.35	480	3.7	166

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M451

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5129.30	7.74	487	3.6	163
1/23/02	5144.70	7.65	488	3.4	162
2/7/02	5144.90	7.72	485	3.9	164
2/21/02	5145.70	7.51	480	4.0	164
3/11/02	5119.90	7.53	478	4.1	163
3/21/02	5198.60	7.37	480	3.9	164

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M452

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5136.60	7.77	478	3.7	163
1/23/02	5112.90	7.65	478	3.3	162
2/7/02	5124.50	7.79	470	3.9	165
2/21/02	5135.00	7.55	465	3.9	165
3/11/02	5120.62	7.53	467	3.9	162
3/21/02	5162.90	7.43	469	3.5	164

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M453

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5153.20	7.75	471	3.8	163
1/23/02	5121.40	7.67	468	3.7	162
2/7/02	5133.20	7.71	467	3.9	164
2/21/02	5152.00	7.49	465	3.7	165
3/11/02	5138.07	7.52	461	3.9	162
3/21/02	5166.00	7.41	464	3.6	164

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M454

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5159.80	7.76	463	3.7	163
1/23/02	5128.60	7.68	464	3.3	162
2/7/02	5145.60	7.72	460	3.9	164
2/21/02	5172.00	7.39	463	3.6	165
3/11/02	5162.65	7.53	450	3.5	162
3/21/02	5181.40	7.40	454	3.6	164

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M455A

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5162.00	7.77	452	3.4	163
1/23/02	5140.70	7.74	454	3.4	162
2/7/02	5160.90	7.74	449	3.6	164
2/21/02	5187.20	7.44	449	3.5	164
3/11/02	5175.78	7.55	444	3.9	162
3/21/02	5194.25	7.42	443	3.5	164

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M456

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5148.00	7.78	446	3.2	162
1/23/02	5158.10	7.74	446	3.2	161
2/7/02	5160.10	7.76	439	3.7	164
2/21/02	5191.00	7.49	440	3.4	163
3/11/02	5177.04	7.56	436	3.4	161
3/21/02	5198.40	7.41	436	3.5	163

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M457

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
1/9/02	5151.50	7.79	440	3.4	162
1/23/02	5174.70	7.73	439	3.2	161
2/7/02	5158.90	7.79	436	3.4	163
2/21/02	5189.50	7.47	432	3.3	163
3/11/02	5176.67	7.58	435	3.5	160
3/21/02	5205.00	7.49	430	3.2	163

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M458

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
1/9/02	5162.20	7.86	448	3.7	162
1/23/02	5182.30	7.65	458	3.6	161
2/7/02	5155.40	7.78	458	3.6	162
2/21/02	5185.30	7.54	438	3.6	163
3/11/02	5172.93	7.60	463	3.8	160
3/21/02	5206.70	7.48	439	3.9	162

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS401

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
1/9/02	5222.40	7.62	530	2.0	158
1/23/02	5222.00	7.58	532	2.0	157
2/7/02	5223.20	7.75	539	2.3	158
2/21/02	5222.90	7.51	535	2.2	159
3/11/02	5222.56	7.49	519	2.8	161
3/21/02	5222.85	7.40	517	3.0	157

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS402

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
1/9/02	5222.10	7.61	526	2.4	159
1/23/02	5222.50	7.55	525	2.5	159
2/7/02	5222.50	7.59	516	2.9	159
2/21/02	5222.50	7.51	527	2.6	161
3/11/02	5222.20	7.53	523	3.0	162
3/21/02	5222.05	7.43	511	2.7	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS403

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
1/9/02	5220.60	7.60	515	2.3	159
1/23/02	5219.10	7.52	523	2.1	159
2/7/02	5221.60	7.59	514	2.1	159
2/21/02	5221.80	7.48	522	2.2	161
3/11/02	5221.49	7.50	514	2.8	162
3/21/02	5221.00	7.37	507	2.3	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS404

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
1/9/02	5220.30	7.60	509	3.0	159
1/23/02	5217.50	7.60	508	2.8	159
2/7/02	5221.40	7.60	510	3.0	159
2/21/02	5222.00	7.50	516	2.6	161
3/11/02	5221.47	7.44	508	3.1	161
3/21/02	5221.05	7.32	506	2.8	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS405

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
1/9/02	5219.50	7.60	516	2.9	158
1/23/02	5220.20	7.55	517	2.9	163
2/7/02	5220.90	7.60	508	3.1	157
2/21/02	5217.20	7.51	518	3.0	160
3/11/02	5221.10	7.47	510	3.0	161
3/21/02	5220.70	7.30	507	2.9	157

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS406

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
1/9/02	5218.70	7.63	505	3.3	157
1/23/02	5219.00	7.53	507	3.4	157
2/7/02	5220.00	7.63	503	3.0	157
2/21/02	5220.70	7.58	509	3.2	160
3/11/02	5220.38	7.44	502	3.8	160
3/21/02	5215.10	7.31	496	3.3	157

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS407

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
1/9/02	5218.20	7.63	497	2.9	158
1/23/02	5218.90	7.56	494	2.8	157
2/7/02	5219.40	7.62	492	3.2	157
2/21/02	5220.00	7.50	497	3.5	160
3/11/02	5219.92	7.44	493	3.6	160
3/21/02	5219.85	7.32	489	3.4	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS408

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
1/9/02	5217.90	7.62	507	3.2	158
1/23/02	5218.40	7.57	506	2.9	156
2/7/02	5218.90	7.62	503	3.4	157
2/21/02	5219.40	7.58	508	3.4	159
3/11/02	5219.32	7.41	503	3.5	159
3/21/02	5219.50	7.31	498	3.6	156

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS409

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
1/9/02	5217.80	7.58	506	3.0	159
1/23/02	5218.40	7.56	504	2.9	158
2/7/02	5219.00	7.60	501	2.8	159
2/21/02	5219.30	7.50	508	2.7	161
3/11/02	5219.44	7.41	505	2.8	161
3/21/02	5219.40	7.37	493	3.1	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS411

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
1/9/02	5223.40	7.71	550	2.0	162
1/23/02	5223.90	7.72	549	2.2	162
2/7/02	5224.10	7.61	539	1.8	162
2/21/02	5223.50	7.60	550	2.9	165
3/11/02	5223.12	7.45	545	2.3	165
3/21/02	5223.45	7.58	537	2.3	163

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS412

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
1/9/02	5217.00	7.64	509	2.8	158
1/23/02	5216.80	7.61	504	2.7	159
2/7/02	5217.30	7.62	507	2.9	159
2/21/02	5218.10	7.48	511	2.7	161
3/11/02	5218.33	7.46	508	3.0	159
3/21/02	5218.05	7.35	503	3.1	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS413

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
1/9/02	5216.00	7.70	518	2.9	161
1/23/02	5215.90	7.57	508	3.3	161
2/7/02	5216.30	7.63	510	3.5	161
2/21/02	5217.20	7.48	517	3.2	163
3/11/02	5217.47	7.52	511	2.9	160
3/21/02	5217.15	7.35	509	3.2	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS414

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
1/9/02	5215.20	7.74	484	3.0	160
1/23/02	5215.10	7.63	513	3.0	159
2/7/02	5215.60	7.63	509	3.0	160
2/21/02	5216.50	7.51	518	2.8	161
3/11/02	5216.82	7.46	509	3.1	159
3/21/02	5216.50	7.36	507	3.3	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS415

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
1/9/02	5214.40	7.61	520	3.5	157
1/23/02	5213.80	7.75	532	3.5	157
2/7/02	5214.70	7.64	515	3.3	157
2/21/02	5215.60	7.51	520	3.4	159
3/11/02	5215.67	7.48	518	3.3	156
3/21/02	5215.70	7.35	511	3.3	157

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS416

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
1/9/02	5213.60	7.66	527	2.9	159
1/23/02	5213.30	7.70	536	3.3	158
2/7/02	5213.80	7.62	517	3.6	159
2/21/02	5214.70	7.51	524	3.3	161
3/11/02	5215.51	7.43	511	3.5	159
3/21/02	5214.80	7.35	515	3.5	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS417

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
1/9/02	5212.50	7.61	527	3.7	159
1/23/02	5212.20	7.67	531	3.4	159
2/7/02	5212.80	7.59	519	3.4	159
2/21/02	5213.80	7.48	522	3.2	161
3/11/02	5214.25	7.51	545	3.7	159
3/21/02	5213.80	7.40	516	3.5	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD401

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
1/9/02	5219.90	7.72	484	4.0	158
1/23/02	5220.40	7.64	480	4.2	157
2/7/02	5223.50	7.74	491	4.1	157
2/21/02	5222.30	7.56	489	4.0	160
3/11/02	5221.97	7.57	484	4.6	156
3/21/02	5221.70	7.40	481	4.5	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD402

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
1/9/02	5226.70	7.67	477	3.9	158
1/23/02	5226.30	7.60	477	4.6	158
2/7/02	5224.90	7.69	480	4.2	158
2/21/02	5224.40	7.59	488	4.1	161
3/11/02	5224.14	7.54	480	4.2	157
3/21/02	5224.30	7.43	479	4.0	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD403

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
1/9/02	5219.60	7.72	482	4.5	158
1/23/02	5216.80	7.66	488	4.5	159
2/7/02	5218.90	7.72	480	4.3	159
2/21/02	5217.10	7.61	490	4.2	161
3/11/02	5216.81	7.52	482	4.3	158
3/21/02	5215.85	7.43	478	4.1	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD404

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
1/9/02	5219.30	7.67	488	4.1	160
1/23/02	5219.40	7.78	498	4.0	159
2/7/02	5218.90	7.70	486	4.2	159
2/21/02	5217.60	7.60	495	4.3	163
3/11/02	5217.15	7.54	486	4.3	158
3/21/02	5216.45	7.43	482	4.3	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD405

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
1/9/02	5217.90	7.69	481	4.4	159
1/23/02	5217.70	7.69	480	4.1	159
2/7/02	5218.00	7.75	483	4.4	159
2/21/02	5216.90	7.62	491	4.7	161
3/11/02	5216.74	7.55	482	4.7	158
3/21/02	5215.15	7.44	477	4.6	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD406

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
1/9/02	5217.20	7.70	517	4.1	157
1/23/02	5217.00	7.83	514	4.1	157
2/7/02	5217.10	7.79	516	4.3	158
2/21/02	5217.30	7.65	520	4.1	159
3/11/02	5216.76	7.53	534	4.1	157
3/21/02	5215.50	7.44	511	4.2	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD407

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
1/9/02	5208.80	7.71	482	4.4	158
1/23/02	5208.70	7.67	479	4.4	158
2/7/02	5208.90	7.75	482	4.6	158
2/21/02	5209.80	7.63	488	4.2	161
3/11/02	5208.26	7.60	476	4.5	158
3/21/02	5206.90	7.46	477	4.1	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD408

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
1/9/02	5200.30	7.70	479	4.7	160
1/23/02	5200.20	7.65	486	4.4	160
2/7/02	5200.20	7.72	478	4.8	160
2/21/02	5199.70	7.64	484	4.7	162
3/11/02	5199.56	7.61	488	4.7	159
3/21/02	5198.25	7.48	475	4.8	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD409

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
1/9/02	5202.30	7.70	470	4.4	161
1/23/02	5202.90	7.67	473	4.3	160
2/7/02	5202.10	7.74	471	4.4	161
2/21/02	5201.60	7.63	479	4.3	163
3/11/02	5201.40	7.57	476	4.3	159
3/21/02	5200.30	7.50	468	4.6	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD410

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
1/9/02	5218.80	7.59	485	4.6	157
1/23/02	5219.10	7.49	524	4.1	157
2/7/02	5218.00	7.60	486	4.6	157
2/21/02	5216.10	7.68	484	4.2	158
3/11/02	5215.30	7.51	508	4.3	158
3/21/02	5215.45	7.33	483	4.2	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD411

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
1/9/02	5228.40	7.60	477	4.1	155
1/23/02	5228.80	7.66	476	4.1	155
2/7/02	5228.70	7.76	499	3.9	154
2/21/02	5227.40	7.60	490	4.2	156
3/11/02	5227.21	7.54	483	4.0	153
3/21/02	5227.25	7.65	479	3.8	154

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD412

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
1/9/02	5197.10	7.69	484	4.5	157
1/23/02	5196.20	7.75	496	4.6	157
2/7/02	5196.20	7.77	488	4.7	158
2/21/02	5196.10	7.64	496	4.7	159
3/11/02	5195.99	7.58	492	4.6	156
3/21/02	5194.55	7.48	485	4.4	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD413

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
1/9/02	5190.10	7.68	485	4.7	158
1/23/02	5189.20	7.74	494	4.2	159
2/7/02	5189.30	7.77	486	4.8	159
2/21/02	5189.10	7.64	495	4.3	160
3/11/02	5189.09	7.58	413	4.6	158
3/21/02	5187.70	7.47	485	4.7	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD414

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
1/9/02	5185.10	7.74	484	4.5	159
1/23/02	5184.20	7.79	485	4.2	159
2/7/02	5184.00	7.76	478	4.6	160
2/21/02	5184.00	7.64	492	4.5	162
3/11/02	5184.30	7.56	414	4.3	158
3/21/02	5182.70	7.50	477	4.7	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD415

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
1/9/02	5180.10	7.59	481	4.4	159
1/23/02	5179.30	7.72	489	4.3	159
2/7/02	5179.20	7.75	485	4.7	160
2/21/02	5179.30	7.63	493	4.1	161
3/11/02	5179.67	7.59	485	4.6	159
3/21/02	5176.95	7.52	482	4.5	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD416

Date	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
1/9/02	5177.30	7.67	483	4.2	161
1/23/02	5176.50	7.78	487	4.3	161
2/7/02	5176.50	7.75	480	4.3	161
2/21/02	5176.60	7.64	489	4.2	163
3/11/02	5176.95	7.61	477	4.3	161
3/21/02	5175.20	7.61	470	4.1	162

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD417

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
1/9/02	5174.10	7.57	483	4.2	162
1/23/02	5173.20	7.79	488	3.4	162
2/7/02	5173.20	7.74	480	4.3	162
2/21/02	5173.40	7.61	490	4.1	165
3/11/02	5173.65	7.62	489	4.2	163
3/21/02	5172.05	7.51	481	4.5	163