Rio Algom Mining Corp.
P.O. Box 1390
Glenrock, Wyoming 82637 307.358.3744 tel
762 Ross Road 307.266.2449 tel
Douglas, Wyoming 82633 307.358.9201 fax

Rio Algom

Certified Mail - 7099 3220 0002 1633 0270
Return Receipt Requested

October 22, 2001

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

RE: 3rd Quarter 2001 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 3rd Quarter of 2001. All results are within the acceptable ranges. During the quarter, a total of one hundred seventy three (173) wells passed a MIT. One (1) well failed an MIT and was plugged to abandon. Another well was damaged beyond repair during drilling so no MIT was performed; the well was plugged to abandon. All UCL analytes for monitor wells were within the acceptable ranges.

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
Marvin Freeman w/o attachments
Paul Goranson w/attachments
Melvyn Leach w/attachments (U.S. NRC) **Certified Mail-7099 3220 0002 1633 0294**
John Lusher w/attachments (U.S. NRC) **Certified Mail-7099 3220 0002 1633 0287**
file

NMSSO1 Public

Rec'd 1/25/02

QUARTERLY MIT REPORT **7/1/01-9/30/01**

WELL NUMBER	MIT DATE	PASS	FAIL	CERTIFICATION	COMMENTS
MP-201	10/1/01	X			
MP-223A	10/1/01	X		"	
MP-228	9/25/01	X		"	
MP-231	9/27/01	X		"	
MS-209	9/29/01	X		"	
MS-212A	9/25/01	X		"	
MS-213	9/27/01	X		"	
MD-209	9/29/01	X		"	
MD-212	9/25/01	X		"	
MD-213	9/26/01	X		"	
M-213	9/28/01	X		"	
M-214	9/29/01	X		"	
M-215	9/29/01	X		"	
PW2-1	9/29/01	X		"	
PW2-2	9/29/01	X		"	
4I-192A	9/28/01	X		"	
P-105	8/24/01	X		"	RE-TEST
P-106	8/26/01	X		"	RE-TEST
P-107	8/24/01	X		"	RE-TEST
P-108	8/26/01	X		"	RE-TEST
P-109	8/26/01	X		"	RE-TEST
P-110	8/23/01	X		"	RE-TEST
P111A	8/25/01	X		"	RE-TEST
P-112	8/23/01	X		"	RE-TEST
P-114	8/22/01	X		"	RE-TEST
P-115	8/21/01	X		"	RE-TEST
P-116	8/20/01	X		"	RE-TEST
P-118	8/20/01	X		"	RE-TEST
P-120	8/26/01	X		"	RE-TEST
P-121	8/17/01	X		"	RE-TEST
P-122	8/15/01	X		"	RE-TEST
P-123	8/15/01	X		"	RE-TEST
P-124	8/16/01	X		"	RE-TEST
I-162	9/6/01	X		"	RE-TEST
I-163A	8/30/01	X		"	RE-TEST
I-164	9/10/01	X		"	RE-TEST
I-165	8/30/01	X		"	RE-TEST
I-167	9/4/01	X		"	RE-TEST
I-168	9/4/01	X		"	RE-TEST
I-169	8/30/01	X		"	RE-TEST
I-170	8/29/01	X		"	RE-TEST
I-182	8/24/01	X		"	RE-TEST
I-185	8/26/01	X		"	RE-TEST
I-187	8/23/01	X		"	RE-TEST
I-189	8/23/01	X		"	RE-TEST
I-190	8/26/01	X		"	RE-TEST
I-191	8/24/01	X		"	RE-TEST
I-193	8/21/01	X		"	RE-TEST

QUARTERLY MIT REPORT **7/1/01-9/30/01**

WELL NUMBER	MIT DATE	PASS	FAIL	CERTIFICATION	COMMENTS
I-194	8/22/01	X			RE-TEST
I-195	8/22/01	X		"	RE-TEST
I-197	8/21/01	X		"	RE-TEST
I-202	8/21/01	X		"	RE-TEST
I-203	8/17/01	X		"	RE-TEST
I-204	8/16/01	X		"	RE-TEST
I-206	8/16/01	X		"	RE-TEST
I-207	8/16/01	X		"	RE-TEST
I-208	8/20/01	X		"	RE-TEST
I-209	8/20/01	X		"	RE-TEST
I-210	8/20/01	X		"	RE-TEST
I-212	8/15/01	X		"	RE-TEST
I-213	8/15/01	X		"	RE-TEST
I-215	8/17/01	X		"	RE-TEST
I-217	8/25/01	X		"	RE-TEST
P-90	9/7/01	X		"	RE-TEST
P-91A	9/5/01	X		"	RE-TEST
P-92	9/6/01	X		"	RE-TEST
P-93	8/31/01	X		"	RE-TEST
P-94	8/30/01	X		"	RE-TEST
P-95	8/31/01	X		"	RE-TEST
P-96	9/5/01	X		"	RE-TEST
P-97	9/10/01	X		"	RE-TEST
P-98	8/30/01	X		"	RE-TEST
P-100	8/28/01	X		"	RE-TEST
P-101	8/28/01	X		"	RE-TEST
P-102	8/28/01	X		"	RE-TEST
P-103	8/27/01	X		"	RE-TEST
I-151	9/4/01	X		"	RE-TEST
I-152	9/4/01	X		"	RE-TEST
I-153	9/7/01	X		"	RE-TEST
I-154	9/5/01	X		"	RE-TEST
I-155	9/5/01	X		"	RE-TEST
I-156	9/6/01	X		"	RE-TEST
I-157	9/5/01	X		"	RE-TEST
I-158	8/31/01	X		"	RE-TEST
I-159	9/7/01	X		"	RE-TEST
I-171	8/29/01	X		"	RE-TEST
I-172	8/29/01	X		"	RE-TEST
I-173	8/29/01	X		"	RE-TEST
I-174	8/28/01	X		"	RE-TEST
I-175	8/30/01	X		"	RE-TEST
I-176	8/28/01	X		"	RE-TEST
I-177	8/28/01	X		"	RE-TEST
I-178A	8/27/01	X		"	RE-TEST
I-179	8/29/01	X		"	RE-TEST
I-180	8/27/01	X		"	RE-TEST
I-160	9/6/01	X		"	RE-TEST
I-161A	8/31/01	X		"	RE-TEST

QUARTERLY MIT REPORT **7/1/01-9/30/01**

WELL NUMBER	MIT DATE	PASS	FAIL	CERTIFICATION	COMMENTS
P-27	9/14/01	X			RE-TEST
P-29	9/11/01	X		"	RE-TEST
P-31	9/11/01	X		"	RE-TEST
P-35A	9/9/01	X		"	RE-TEST
P-39	9/17/01	X		"	RE-TEST
P-40	9/14/01	X		"	RE-TEST
P-42	9/14/01	X		"	RE-TEST
P-44	9/18/01	X		"	RE-TEST
I-46	9/22/01	X		"	RE-TEST
I-50	9/13/01	X		"	RE-TEST
I-51A	9/13/01	X		"	RE-TEST
I-53	9/12/01	X		"	RE-TEST
I-55	9/8/01	X		"	RE-TEST
I-59	9/8/01	X		"	RE-TEST
I-60	9/12/01	X		"	RE-TEST
I-61	9/11/01	X		"	RE-TEST
I-64	9/8/01	X		"	RE-TEST
I-66	9/9/01	X		"	RE-TEST
I-69	9/18/01	X		"	RE-TEST
I-70	9/9/01	X		"	RE-TEST
I-74A	9/17/01	X		"	RE-TEST
I-75A	9/17/01	X		"	RE-TEST
I-77	9/14/01	X		"	RE-TEST
I-80	9/17/01	X		"	RE-TEST
I-83A	9/17/01	X		"	RE-TEST
4P-201	9/7/01	X		"	
4P-202	9/10/01	X		"	
4P-203	9/12/01	X		"	
4P-204	9/13/01	X		"	
4P-205	8/20/01	X		"	
4P-206	9/7/01	X		"	
4P-207	10/11/01	X		"	
4P-208	9/12/01	X		"	
4P-209	N/A		X	"	PLUGGED TO ABANDON
4P-209A	9/17/01	X		"	
4P-211	9/6/01	X		"	
4P-212	8/24/01	X		"	
4P-213	8/31/01	X		"	
4P-214A	8/14/01	X		"	
4P-215	8/27/01	X		"	
4P-217	8/30/01	X		"	
4P-218	9/10/01	X		"	
4P-219	8/27/01	X		"	
4P-220	8/14/01	X		"	REPAIR TOP JOINT
4P-221	8/28/01	X		"	
4I-301	9/7/01	X		"	
4I-302	9/7/01	X		"	
4I-303	9/7/01	X		"	
4I-304	9/12/01	X		"	

QUARTERLY MIT REPORT **7/1/01-9/30/01**

WELL NUMBER	MIT DATE	PASS	FAIL	CERTIFICATION	COMMENTS
4I-305	9/10/01	X			
4I-306	8/20/01	X		"	
4I-307	8/14/01	X		"	
4I-308A	9/6/01	X		"	
4I-309	9/10/01	X		"	
4I-310	9/17/01	X		"	
4I-311	8/24/01	X		"	
4I-312	8/27/01	X		"	
4I-313	8/21/01	X		"	
4I-315	9/10/01	X		"	
4I-316	8/14/01	X		"	
4I-317	8/14/01	X		"	
4I-318	9/6/01	X		"	
4I-319	8/16/01	X		"	
4I-320	8/16/01	X		"	
4I-321	8/31/01	X		"	
4I-322	9/11/01	X		"	
4I-323	9/7/01		X	"	PLUGGED TO ABANDON
4I-324	9/7/01	X		"	
4I-325	8/27/01	X		"	
4I-326	8/31/01	X		"	
4I-327	8/31/01	X		"	
4I-328	8/10/01	X		"	
4I-329	8/29/01	X		"	
4I-330	8/28/01	X		"	
4I-314	8/16/01	X		"	
I-184	8/24/01	X		"	RE-TEST
P-119	8/20/01	X		"	RE-TEST
I-150	9/4/01	X		"	RE-TEST

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 personel 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: _____ Date: 10/15/01

Manager of Drilling

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

Monitor Well - M1

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5218.81	7.62	565	3.9	194
7/20/01	5210.29	7.61	559	4.3	193
8/1/01	5211.65	7.67	556	3.6	192
8/14/01	5199.26	7.57	550	3.4	196
9/4/01	5205.21	7.57	545	3.0	184
9/14/01	5196.71	7.46	542	3.5	193

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

Monitor Well - M2

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5210.52	7.61	552	4.3	194
7/20/01	5211.12	7.62	551	4.0	192
8/1/01	5213.00	7.69	542	4.4	194
8/14/01	5200.62	7.59	541	4.4	196
9/4/01	5206.07	7.55	537	4.3	185
9/14/01	5197.70	7.48	533	4.3	194

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

Monitor Well - M3

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5209.73	7.57	559	4.2	194
7/20/01	5192.85	7.56	559	4.3	195
8/1/01	5213.05	7.65	552	4.6	195
8/14/01	5199.93	7.57	546	4.3	198
9/4/01	5205.95	7.56	545	4.7	186
9/14/01	5197.28	7.47	544	4.3	196

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

Monitor Well - M4

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5207.62	7.57	568	4.7	195
7/20/01	5209.26	7.58	548	4.5	197
8/1/01	5213.22	7.64	556	4.2	195
8/14/01	5199.52	7.55	555	4.5	197
9/4/01	5204.97	7.53	547	4.4	186
9/14/01	5196.52	7.52	542	4.3	195

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

Monitor Well - M5

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5205.85	7.56	586	6.1	206
7/20/01	5207.78	7.62	564	5.7	205
8/1/01	5213.67	7.62	569	5.5	204
8/14/01	5200.75	7.54	569	5.5	206
9/4/01	5202.12	7.61	561	5.4	193
9/14/01	5194.88	7.68	563	5.5	203

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

Monitor Well - M6A

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5210.09	7.69	556	4.2	190
7/20/01	5210.49	7.68	540	3.9	190
8/1/01	5213.05	7.67	546	4.0	189
8/14/01	5203.99	7.79	546	4.1	191
9/4/01	5199.09	7.57	539	3.7	180
9/14/01	5195.54	7.59	535	4.0	189

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

Monitor Well - M7

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5205.58	7.64	541	4.0	182
7/20/01	5205.83	7.61	520	3.4	182
8/1/01	5208.16	7.75	528	3.8	180
8/14/01	5199.53	7.60	525	3.6	183
9/4/01	5195.94	7.64	528	3.6	173
9/14/01	5192.44	7.53	516	3.7	181

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

Monitor Well - M8

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5208.43	7.68	512	4.0	167
7/20/01	5207.03	7.76	502	3.9	169
8/1/01	5209.33	7.73	507	3.8	168
8/14/01	5200.53	7.66	505	3.9	170
9/4/01	5196.83	7.61	496	4.4	166
9/14/01	5191.93	7.57	491	3.9	167

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

Monitor Well - M9

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5208.75	7.69	500	3.3	174
7/20/01	5207.61	7.65	490	3.4	175
8/1/01	5210.46	7.72	497	3.3	173
8/14/01	5199.61	7.68	497	3.7	176
9/4/01	5195.71	7.64	492	3.5	166
9/14/01	5190.81	7.62	487	3.7	174

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

Monitor Well - M10

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5209.91	7.70	512	3.5	173
7/20/01	5208.51	7.69	494	3.4	174
8/1/01	5210.56	7.76	500	3.5	172
8/14/01	5198.71	7.59	496	3.5	174
9/4/01	5194.81	7.47	492	3.3	172
9/14/01	5190.01	7.63	486	3.5	173

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

Monitor Well - M11

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5210.40	7.62	503	3.9	175
7/20/01	5208.95	7.66	492	4.2	174
8/1/01	5211.85	7.74	504	3.6	173
8/14/01	5198.35	7.64	496	3.8	175
9/4/01	5194.65	7.69	495	4.5	171
9/14/01	5190.25	7.52	480	4.1	172

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

Monitor Well - M12

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5212.44	7.76	506	3.9	173
7/20/01	5211.14	7.65	503	3.5	170
8/1/01	5213.04	7.54	500	3.7	172
8/14/01	5200.34	7.63	501	3.5	172
9/4/01	5197.34	7.57	492	3.3	163
9/14/01	5192.04	7.59	487	2.9	171

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

Monitor Well - M13

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5211.61	7.67	523	3.7	171
7/20/01	5210.81	7.65	518	3.2	169
8/1/01	5213.11	7.64	521	3.1	170
8/14/01	5199.01	7.61	516	3.4	171
9/4/01	5198.01	7.54	508	3.4	162
9/14/01	5191.91	7.55	501	3.7	169

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

Monitor Well - M14

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5210.28	7.70	524	3.9	175
7/20/01	5211.13	7.59	522	2.9	172
8/1/01	5214.63	7.61	521	3.2	172
8/14/01	5199.23	7.60	517	3.7	174
9/4/01	5204.23	7.53	509	3.5	166
9/14/01	5195.53	7.55	503	3.1	172

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

Monitor Well - M15

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5209.18	7.54	529	3.3	178
7/20/01	5210.63	7.63	527	3.4	176
8/1/01	5213.53	7.67	520	3.5	177
8/14/01	5197.43	7.74	523	3.7	177
9/4/01	5204.93	7.58	515	3.6	168
9/14/01	5195.33	7.51	506	3.8	176

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

Monitor Well - M16

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5211.29	7.73	543	3.9	187
7/20/01	5212.84	7.59	538	3.8	184
8/1/01	5215.44	7.65	539	3.7	185
8/14/01	5197.04	7.62	536	3.9	186
9/4/01	5207.84	7.59	525	3.5	176
9/14/01	5196.94	7.60	519	4.0	185

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

Monitor Well - M17

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5209.24	7.68	544	3.9	186
7/20/01	5213.25	7.57	540	4.0	185
8/1/01	5214.76	7.66	538	4.3	186
8/14/01	5193.54	7.58	536	3.8	186
9/4/01	5207.13	7.55	528	3.8	177
9/14/01	5196.59	7.52	520	4.0	185

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

Monitor Well - M18

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5210.01	7.64	590	5.0	202
7/20/01	5213.30	7.56	586	4.9	200
8/1/01	5214.38	7.62	583	4.6	200
8/14/01	5196.51	7.53	578	4.6	202
9/4/01	5207.18	7.50	570	4.6	192
9/14/01	5198.01	7.37	562	4.8	200

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

Monitor Well - M19

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5215.74	7.56	593	4.7	203
7/20/01	5217.19	7.51	586	4.6	202
8/1/01	5217.87	7.61	584	4.7	202
8/14/01	5207.19	7.53	582	4.9	202
9/4/01	5210.91	7.46	571	4.8	193
9/14/01	5205.04	7.46	563	4.7	201

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

Monitor Well - M20

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5216.14	7.55	586	5.4	203
7/20/01	5217.21	7.48	578	4.6	200
8/1/01	5218.22	7.59	575	4.9	201
8/14/01	5208.04	7.48	572	4.6	202
9/4/01	5210.84	7.60	568	5.0	191
9/14/01	5205.59	7.40	557	4.6	200

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

Monitor Well - M21

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5216.37	7.50	572	5.0	199
7/20/01	5217.81	7.64	566	4.8	197
8/1/01	5218.40	7.68	558	4.8	197
8/14/01	5208.17	7.48	559	4.7	198
9/4/01	5211.48	7.51	552	4.7	187
9/14/01	5205.77	7.41	543	4.8	197

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

Monitor Well - M22

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5214.77	7.55	579	4.8	203
7/20/01	5217.40	7.53	575	4.4	200
8/1/01	5217.95	7.77	578	4.4	200
8/14/01	5203.27	7.53	578	4.9	201
9/4/01	5211.95	7.45	560	4.5	190
9/14/01	5202.92	7.40	557	4.8	200

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

Monitor Well - M23

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5211.83	7.63	576	3.1	189
7/20/01	5213.46	7.46	560	3.4	189
8/1/01	5214.23	7.63	582	3.4	187
8/14/01	5199.23	7.51	562	3.3	190
9/4/01	5208.51	7.62	564	3.4	188
9/14/01	5198.23	7.69	561	3.2	187

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

Monitor Well - M24

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5211.48	7.73	571	3.6	190
7/20/01	5212.94	7.69	564	3.5	188
8/1/01	5213.77	7.75	535	3.6	188
8/14/01	5198.53	7.55	558	3.8	190
9/4/01	5207.93	7.71	551	3.4	179
9/14/01	5197.63	7.56	546	3.3	188

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

Monitor Well - M25

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5208.65	7.63	562	3.8	194
7/20/01	5213.48	7.63	559	3.9	192
8/1/01	5214.61	7.67	553	3.8	193
8/14/01	5199.65	7.64	550	3.6	195
9/4/01	5208.46	7.61	546	3.6	184
9/14/01	5198.66	7.48	540	3.7	193

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

Monitor Well - MT1

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5215.80	7.56	590	5.8	200
7/20/01	5217.39	7.52	585	5.1	199
8/1/01	5217.98	7.59	582	5.4	200
8/14/01	5207.40	7.49	578	5.4	202
9/4/01	5211.05	7.45	569	5.3	191
9/14/01	5205.05	7.38	562	5.4	200

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

Monitor Well - MT2A

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=692	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=236
7/6/01	5209.85	7.63	539	4.0	182
7/20/01	5211.30	7.68	536	4.2	181
8/1/01	5214.60	7.61	531	3.7	181
8/14/01	5198.10	7.57	530	3.6	182
9/4/01	5205.60	7.60	525	4.0	172
9/14/01	5195.90	7.64	518	3.8	181

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

Monitor Well - MD1

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
7/6/01	5206.87	7.40	863	2.3	190
7/20/01	5205.07	7.38	843	1.7	189
8/1/01	5204.47	7.48	860	2.2	188
8/14/01	5204.17	7.32	839	2.1	190
9/4/01	5199.90	7.32	834	2.1	188
9/14/01	5203.20	7.44	826	2.1	188

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

Monitor Well - MD2

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
7/6/01	5206.90	7.43	764	2.2	181
7/20/01	5205.05	7.38	744	2.7	181
8/1/01	5206.70	7.51	756	2.1	180
8/14/01	5204.15	7.39	750	2.0	181
9/4/01	5203.85	7.37	733	1.9	180
9/14/01	5203.55	7.45	730	2.4	179

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

Monitor Well - MD3A

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
7/6/01	5205.85	7.48	730	2.5	184
7/20/01	5205.51	7.40	717	2.1	183
8/1/01	5204.74	7.44	722	2.6	182
8/14/01	5204.75	7.38	770	2.5	184
9/4/01	5202.08	7.38	712	2.6	182
9/14/01	5203.01	7.47	702	2.1	181

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

Monitor Well - MD4

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
7/6/01	5207.19	7.45	727	2.2	182
7/20/01	5206.80	7.43	710	2.1	181
8/1/01	5205.92	7.49	722	2.3	181
8/14/01	5205.79	7.40	718	2.7	182
9/4/01	5201.66	7.40	706	2.3	182
9/14/01	5202.66	7.49	698	2.7	180

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

Monitor Well - MD5

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
7/6/01	5206.03	7.40	780	2.5	180
7/20/01	5205.13	7.66	766	1.9	179
8/1/01	5204.43	7.47	780	1.9	177
8/14/01	5204.13	7.38	770	2.0	179
9/4/01	5203.97	7.36	754	1.9	178
9/14/01	5202.97	7.44	749	2.1	177

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

Monitor Well - MD6

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
7/6/01	5204.72	7.39	865	2.2	188
7/20/01	5204.57	7.37	846	1.7	187
8/1/01	5203.86	7.41	869	1.5	185
8/14/01	5203.62	7.37	855	2.1	187
9/4/01	5201.39	7.37	843	1.9	186
9/14/01	5202.47	7.37	841	2.0	185

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

Monitor Well - MD7

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
7/6/01	5205.57	7.39	843	2.1	186
7/20/01	5203.92	7.39	822	1.9	186
8/1/01	5205.67	7.38	841	1.9	184
8/14/01	5202.92	7.42	826	1.8	186
9/4/01	5202.22	7.36	821	2.0	185
9/14/01	5201.82	7.37	817	2.2	183

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

Monitor Well - MD8A

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
7/6/01	5201.98	7.49	622	3.1	197
7/20/01	5200.43	7.52	615	2.8	198
8/1/01	5202.23	7.50	624	2.5	195
8/14/01	5199.33	7.52	611	2.4	197
9/4/01	5202.59	7.39	605	2.6	195
9/14/01	5201.99	7.42	602	2.7	194

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

Monitor Well - MD9

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
7/6/01	5205.57	7.41	695	2.5	193
7/20/01	5201.83	7.44	678	2.5	192
8/1/01	5205.47	7.46	691	2.3	188
8/14/01	5201.87	7.42	680	1.9	190
9/4/01	5202.04	7.36	674	2.0	188
9/14/01	5201.54	7.39	672	2.4	187

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

Monitor Well - MD10

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
7/6/01	5204.56	7.46	576	3.7	204
7/20/01	5203.61	7.45	563	2.9	204
8/1/01	5205.06	7.50	572	3.0	202
8/14/01	5202.61	7.43	564	2.7	205
9/4/01	5202.12	7.40	559	3.3	203
9/14/01	5201.72	7.41	555	3.1	203

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

Monitor Well - MD11

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1259	Cl (mg/l) UCL=17	Alkalinity CaCO3 (mg/l) UCL=239
7/6/01	5205.26	7.43	810	3.3	183
7/20/01	5205.25	7.40	790	2.1	184
8/1/01	5204.48	7.46	804	2.1	181
8/14/01	5204.26	7.39	791	2.1	182
9/4/01	5201.99	7.35	781	2.1	182
9/14/01	5202.98	7.36	779	2.5	182

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

Monitor Well - MS1

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
7/6/01	5280.38	7.46	618	6.3	203
7/20/01	5282.03	7.42	603	6.8	201
8/1/01	5279.73	7.48	623	6.6	199
8/14/01	5279.73	7.42	612	6.2	202
9/4/01	5279.97	7.40	603	6.5	200
9/14/01	5279.57	7.43	594	6.5	199

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

Monitor Well - MS2

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
7/6/01	5281.41	7.47	632	11.6	196
7/20/01	5280.41	7.47	619	12.0	196
8/1/01	5280.51	7.51	630	12.2	195
8/14/01	5280.21	7.62	621	12.2	202
9/4/01	5279.40	7.47	614	12.5	195
9/14/01	5278.70	7.42	603	12.8	193

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

Monitor Well - MS3

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
7/6/01	5277.31	7.55	650	7.6	208
7/20/01	5277.50	7.43	628	6.7	210
8/1/01	5278.63	7.52	649	7.2	209
8/14/01	5278.61	7.39	633	6.5	210
9/4/01	5277.86	7.40	523	6.6	209
9/14/01	5278.21	7.46	616	6.9	208

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

Monitor Well - MS4

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
7/6/01	5279.37	7.45	631	6.8	208
7/20/01	5280.21	7.44	625	5.8	208
8/1/01	5279.87	7.51	637	6.4	208
8/14/01	5279.77	7.38	621	6.7	209
9/4/01	5277.13	7.39	617	6.5	208
9/14/01	5277.68	7.42	607	6.5	207

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

Monitor Well - MS5

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
7/6/01	5280.68	7.53	638	6.6	203
7/20/01	5280.68	7.44	615	6.1	204
8/1/01	5280.38	7.48	628	6.2	202
8/14/01	5280.18	7.47	619	6.4	203
9/4/01	5279.29	7.42	611	6.4	202
9/14/01	5278.39	7.42	605	6.4	200

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

Monitor Well - MS6

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
7/6/01	5277.80	7.46	630	6.2	203
7/20/01	5278.78	7.45	612	6.0	203
8/1/01	5278.49	7.47	626	5.8	201
8/14/01	5278.50	7.43	621	6.2	203
9/4/01	5276.99	7.46	613	6.0	202
9/14/01	5278.07	7.41	602	6.2	201

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

Monitor Well - MS7

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
7/6/01	5280.16	7.49	575	5.2	175
7/20/01	5277.31	7.68	570	5.3	175
8/1/01	5278.11	7.49	576	5.3	173
8/14/01	5279.11	7.75	571	5.4	176
9/4/01	5279.91	7.47	563	5.5	174
9/14/01	5278.91	7.48	561	5.3	174

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

Monitor Well - MS8

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
7/6/01	5281.20	7.52	557	5.6	184
7/20/01	5280.63	7.50	546	5.3	182
8/1/01	5281.80	7.60	562	5.4	182
8/14/01	5280.20	7.51	562	5.5	184
9/4/01	5277.84	7.54	544	5.8	182
9/14/01	5276.94	7.47	550	5.4	182

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

Monitor Well - MS9

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
7/6/01	5277.35	7.49	603	5.2	193
7/20/01	5276.45	7.51	590	5.7	193
8/1/01	5277.40	7.48	607	5.6	192
8/14/01	5276.25	7.48	595	5.6	194
9/4/01	5277.58	7.45	588	5.5	192
9/14/01	5276.58	7.48	586	5.7	191

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

Monitor Well - MS10

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
7/6/01	5277.16	7.48	569	4.9	186
7/20/01	5277.16	7.50	557	5.1	186
8/1/01	5279.21	7.50	569	5.0	185
8/14/01	5276.96	7.61	563	5.1	186
9/4/01	5277.26	7.43	555	5.6	184
9/14/01	5276.86	7.43	550	5.4	183

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

Monitor Well - MS11

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=765	Cl (mg/l) UCL=20	Alkalinity CaCO3 (mg/l) UCL=247
7/6/01	5277.95	7.49	621	6.2	201
7/20/01	5278.84	7.45	605	5.9	200
8/1/01	5278.48	7.46	615	6.2	198
8/14/01	5278.45	7.43	608	6.1	200
9/4/01	5278.10	7.42	602	6.1	199
9/14/01	5278.62	7.42	593	6.2	198

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

Monitor Well - M301

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5218.41	7.45	871	1.9	199
7/24/01	5219.01	7.49	844	2.2	199
8/3/01	5218.11	7.52	853	2.5	199
8/16/01	5215.41	7.45	883	2.5	199
9/6/01	5214.31	7.60	838	2.3	201
9/18/01	5215.41	7.34	839	2.0	197

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

Monitor Well - M302

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5217.10	7.50	722	2.0	164
7/24/01	5217.30	7.71	708	2.4	164
8/3/01	5217.05	7.53	710	2.6	165
8/16/01	5214.60	7.49	722	2.4	164
9/6/01	5213.80	7.58	699	1.8	164
9/18/01	5214.70	7.39	696	2.0	162

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

Monitor Well - M303

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5217.06	7.47	765	1.5	168
7/24/01	5216.96	7.51	749	2.3	168
8/3/01	5216.96	7.53	753	2.1	169
8/16/01	5214.76	7.49	761	1.9	168
9/6/01	5214.56	7.54	739	2.2	168
9/18/01	5215.06	7.39	736	2.0	166

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

Monitor Well - M304

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5217.11	7.65	904	1.7	199
7/24/01	5216.41	7.44	875	2.2	200
8/3/01	5215.86	7.48	887	2.5	201
8/16/01	5214.91	7.43	897	2.3	200
9/6/01	5215.61	7.51	870	2.1	201
9/18/01	5214.81	7.32	865	1.8	198

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

Monitor Well - M305

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5217.28	7.38	886	2.4	195
7/24/01	5216.28	7.43	861	2.1	194
8/3/01	5215.43	7.47	874	2.1	195
8/16/01	5214.78	7.43	889	2.2	196
9/6/01	5215.28	7.59	870	2.1	197
9/18/01	5214.28	7.42	864	1.8	194

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

Monitor Well - M306

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5216.62	7.62	887	1.9	197
7/24/01	5215.52	7.43	860	2.4	198
8/3/01	5214.82	7.45	867	3.0	200
8/16/01	5214.32	7.43	877	2.1	198
9/6/01	5214.42	7.61	861	1.9	200
9/18/01	5213.82	7.61	859	2.0	199

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

Monitor Well - M307

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5216.53	7.46	856	1.9	190
7/24/01	5214.93	7.46	846	2.1	193
8/3/01	5214.18	7.48	859	2.1	194
8/16/01	5214.13	7.52	852	2.2	192
9/6/01	5214.23	7.55	833	2.2	191
9/18/01	5213.53	7.51	831	2.2	189

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

Monitor Well - M308

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5215.72	7.49	740	1.7	164
7/24/01	5214.02	7.51	723	2.2	165
8/3/01	5213.57	7.56	730	2.1	166
8/16/01	5213.72	7.63	729	2.0	165
9/6/01	5212.82	7.59	710	2.0	165
9/18/01	5213.22	7.40	706	2.2	163

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

Monitor Well - M309

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5214.74	7.51	713	1.9	163
7/24/01	5212.84	7.51	691	2.2	163
8/3/01	5212.34	7.56	699	2.5	164
8/16/01	5212.94	7.56	696	1.5	163
9/6/01	5211.34	7.60	679	2.5	163
9/18/01	5212.94	7.39	676	2.1	161

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

Monitor Well - M310

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5216.09	7.49	794	2.1	171
7/24/01	5213.99	7.48	775	2.0	172
8/3/01	5214.14	7.53	783	2.4	172
8/16/01	5214.98	7.54	779	2.5	171
9/6/01	5212.49	7.56	762	2.4	171
9/18/01	5214.79	7.41	758	2.0	172

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

Monitor Well - M311

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5213.69	7.49	846	1.9	177
7/24/01	5212.44	7.54	823	2.2	177
8/3/01	5211.59	7.61	836	1.3	177
8/16/01	5214.04	7.52	833	2.3	176
9/6/01	5211.94	7.57	815	2.2	176
9/18/01	5212.40	7.41	805	1.6	174

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

Monitor Well - M312

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5213.16	7.50	800	2.0	168
7/24/01	5212.01	7.52	779	1.7	168
8/3/01	5212.31	7.52	788	2.3	169
8/16/01	5211.51	7.55	783	1.6	167
9/6/01	5211.41	7.61	773	1.9	168
9/18/01	5211.61	7.44	762	1.9	166

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

Monitor Well - M313

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5213.05	7.46	806	1.9	170
7/24/01	5211.85	7.53	789	2.1	171
8/3/01	5212.10	7.53	792	1.8	172
8/16/01	5211.15	7.53	796	1.7	171
9/6/01	5210.25	7.53	779	2.0	170
9/18/01	5211.25	7.41	770	1.5	168

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

Monitor Well - M314

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5215.30	7.45	821	2.1	174
7/24/01	5214.35	7.52	800	2.5	174
8/3/01	5214.65	7.53	807	1.9	173
8/16/01	5213.45	7.51	814	2.0	172
9/6/01	5213.85	7.55	792	2.1	173
9/18/01	5213.05	7.37	785	2.3	172

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

Monitor Well - M315

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5215.90	7.47	799	2.5	171
7/24/01	5215.71	7.52	778	2.1	172
8/3/01	5215.65	7.53	785	2.1	172
8/16/01	5214.10	7.50	786	2.1	171
9/6/01	5214.50	7.58	770	2.1	171
9/18/01	5213.50	7.36	764	1.9	169

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

Monitor Well - M316

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5216.79	7.48	780	2.4	164
7/24/01	5217.14	7.51	762	1.8	164
8/3/01	5216.79	7.53	771	2.2	165
8/16/01	5214.84	7.53	768	2.0	164
9/6/01	5215.14	7.70	747	1.9	162
9/18/01	5214.14	7.37	742	1.7	162

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

Monitor Well - M317

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5217.61	7.40	890	1.1	186
7/24/01	5218.61	7.50	860	2.0	185
8/3/01	5217.91	7.51	871	1.8	184
8/16/01	5215.51	7.46	870	1.8	184
9/6/01	5216.11	7.61	852	2.0	185
9/18/01	5215.11	7.31	844	2.0	184

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

Monitor Well - M318

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5218.82	7.40	917	2.4	188
7/24/01	5219.92	7.47	886	2.6	187
8/3/01	5219.07	7.53	893	2.5	187
8/16/01	5217.09	7.51	886	2.8	184
9/6/01	5216.72	7.55	871	2.6	187
9/18/01	5215.92	7.33	868	2.6	186

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

Monitor Well - M319

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5219.26	7.46	808	2.0	165
7/24/01	5220.51	7.50	787	2.1	166
8/3/01	5219.46	7.52	794	1.9	167
8/16/01	5216.01	7.51	795	1.6	166
9/6/01	5216.71	7.57	779	1.9	166
9/18/01	5215.71	7.30	772	1.8	164

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

Monitor Well - M320

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1131	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=222
7/11/01	5217.46	7.49	797	2.3	172
7/24/01	5220.26	7.50	778	2.4	173
8/3/01	5219.06	7.53	782	2.1	173
8/16/01	5216.16	7.50	784	1.9	173
9/6/01	5216.06	7.60	775	2.1	172
9/18/01	5215.16	7.34	762	2.1	171

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

Monitor Well - MD301

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=496	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=171
7/11/01	5221.77	7.65	410	3.2	160
7/24/01	5218.67	7.52	410	3.0	161
8/3/01	5216.92	7.73	406	2.7	162
8/16/01	5216.47	7.72	407	2.7	161
9/6/01	5218.67	7.58	401	2.7	161
9/18/01	5218.07	7.60	397	2.5	159

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

Monitor Well - MD302

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=496	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=171
7/11/01	5222.23	7.66	417	3.0	160
7/24/01	5219.43	7.65	407	3.0	161
8/3/01	5217.23	7.72	412	2.8	162
8/16/01	5216.83	7.74	410	3.0	154
9/6/01	5219.03	7.57	404	2.8	161
9/18/01	5218.53	7.60	402	2.8	159

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

Monitor Well - MD303

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=496	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=171
7/11/01	5220.78	7.64	415	2.6	162
7/24/01	5218.08	7.68	410	3.3	161
8/3/01	5215.68	7.71	411	2.9	162
8/16/01	5215.18	7.74	411	2.4	161
9/6/01	5217.58	7.55	407	2.9	161
9/18/01	5216.98	7.63	400	2.7	159

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

Monitor Well - MD304

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=496	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=171
7/11/01	5217.84	7.64	418	2.6	162
7/24/01	5215.84	7.68	414	3.4	161
8/3/01	5212.39	7.72	416	3.3	163
8/16/01	5212.24	7.76	414	3.3	162
9/6/01	5213.44	7.61	409	2.9	161
9/18/01	5214.24	7.68	408	3.0	159

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

Monitor Well - MD305

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=496	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=171
7/11/01	5222.45	7.63	419	2.6	161
7/24/01	5217.40	7.74	413	3.3	162
8/3/01	5216.60	7.73	414	3.1	162
8/16/01	5213.60	7.75	413	3.1	161
9/6/01	5217.70	7.58	411	2.9	161
9/18/01	5215.50	7.59	403	2.9	160

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

Monitor Well - MD306

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=496	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=171
7/11/01	5214.66	7.62	421	3.4	160
7/24/01	5213.41	7.71	414	3.5	161
8/3/01	5212.31	7.71	415	2.9	161
8/16/01	5208.91	7.71	416	2.8	161
9/6/01	5212.91	7.55	411	2.8	161
9/18/01	5210.71	7.57	406	3.1	159

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

Monitor Well - MD309

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=496	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=171
7/11/01	5214.19	7.62	421	2.8	161
7/24/01	5212.44	7.70	416	3.3	162
8/3/01	5209.69	7.69	415	2.7	162
8/16/01	5208.04	7.67	415	3.0	161
9/6/01	5212.04	7.61	411	2.5	161
9/18/01	5210.04	7.58	405	2.7	159

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

Monitor Well - MD310

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=496	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=171
7/11/01	5213.67	7.62	423	3.0	162
7/24/01	5212.62	7.67	417	3.2	162
8/3/01	5210.07	7.70	418	2.9	163
8/16/01	5207.92	7.72	419	2.9	162
9/6/01	5211.32	7.55	411	3.0	161
9/18/01	5209.54	7.61	409	2.9	160

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

Monitor Well - MD311

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=496	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=171
7/11/01	5213.38	7.64	430	2.9	162
7/24/01	5212.68	7.68	420	3.1	162
8/3/01	5210.93	7.70	422	2.9	162
8/16/01	5207.14	7.72	420	3.0	162
9/6/01	5210.98	7.62	415	3.1	162
9/18/01	5209.18	7.65	415	2.9	161

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

Monitor Well - OMM1

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=496	Cl (mg/l) UCL=18	Alkalinity CaCO3 (mg/l) UCL=171
7/11/01	5215.09	7.63	423	3.2	162
7/24/01	5214.04	7.68	418	3.2	161
8/3/01	5214.04	7.76	417	3.1	161
8/16/01	5214.59	7.73	418	2.9	161
9/6/01	5213.49	7.57	413	3.0	162
9/18/01	5212.29	7.60	406	2.8	158

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

Monitor Well - MS301

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
7/11/01	5231.28	7.55	712	7.7	224
7/24/01	5231.28	7.36	558	8.0	222
8/3/01	5229.78	7.47	707	8.2	224
8/16/01	5230.88	7.46	693	7.6	224
9/6/01	5230.18	7.32	685	7.7	223
9/18/01	5230.68	7.44	681	7.3	222

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

Monitor Well - MS302

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
7/11/01	5231.04	7.50	685	6.6	223
7/24/01	5230.94	7.42	670	6.7	222
8/3/01	5230.69	7.46	678	7.1	224
8/16/01	5230.54	7.44	670	6.5	222
9/6/01	5229.94	7.33	664	6.3	223
9/18/01	5230.44	7.45	654	6.2	220

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

Monitor Well - MS303

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
7/11/01	5232.18	7.39	584	6.3	186
7/24/01	5232.08	7.45	570	6.3	187
8/3/01	5231.88	7.49	578	5.9	188
8/16/01	5231.78	7.45	570	6.2	187
9/6/01	5231.08	7.32	565	6.2	187
9/18/01	5231.58	7.53	560	6.0	186

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

Monitor Well - MS304

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
7/11/01	5307.67	7.28	783	7.2	237
7/24/01	5307.67	7.42	770	7.5	239
8/3/01	5305.42	7.38	779	7.4	239
8/16/01	5307.57	7.44	768	6.8	239
9/6/01	5307.37	7.59	755	7.5	239
9/18/01	5307.97	7.23	755	7.1	237

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

Monitor Well - MS305

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
7/11/01	5311.63	7.34	781	7.6	240
7/24/01	5312.53	7.41	763	7.6	242
8/3/01	5312.43	7.41	775	7.8	242
8/16/01	5311.43	7.32	763	7.1	241
9/6/01	5312.83	7.28	750	7.5	241
9/18/01	5311.93	7.34	757	7.1	239

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

Monitor Well - MS306

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
7/11/01	5310.38	7.60	775	7.5	230
7/24/01	5311.33	7.36	753	7.6	230
8/3/01	5309.13	7.48	766	7.6	230
8/16/01	5310.23	7.44	756	7.4	230
9/6/01	5311.53	7.22	739	7.5	230
9/18/01	5310.63	7.50	754	7.5	227

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

Monitor Well - MS307

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
7/11/01	5223.71	7.68	560	6.5	184
7/24/01	5224.11	7.52	548	6.8	184
8/3/01	5224.16	7.67	559	7.3	184
8/16/01	5227.21	7.68	567	7.8	183
9/6/01	5223.01	7.73	542	6.1	182
9/18/01	5221.61	7.57	536	6.3	180

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

Monitor Well - MS309

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
7/11/01	5315.48	7.31	799	8.4	233
7/24/01	5316.43	7.34	775	8.9	234
8/3/01	5316.03	7.37	793	8.0	236
8/16/01	5315.23	7.38	782	7.7	235
9/6/01	5316.53	7.38	768	8.6	232
9/18/01	5315.63	7.21	774	7.9	232

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

Monitor Well - MS310

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
7/11/01	5234.53	7.66	581	3.8	169
7/24/01	5234.83	7.65	569	3.7	169
8/3/01	5234.43	7.62	578	3.7	170
8/16/01	5233.73	7.50	571	3.6	169
9/6/01	5234.63	7.54	561	4.9	166
9/18/01	5233.53	7.55	561	3.5	167

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

Monitor Well - MS311

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
7/11/01	5234.13	7.73	607	5.5	193
7/24/01	5235.53	7.67	590	4.6	193
8/3/01	5217.03	7.52	598	4.3	193
8/16/01	5224.53	7.60	589	4.3	191
9/6/01	5235.23	7.50	582	4.7	192
9/18/01	5234.43	7.54	581	4.1	191

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

Monitor Well - MS312

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
7/11/01	5235.03	7.78	563	2.6	148
7/24/01	5234.93	7.64	540	2.6	147
8/3/01	5234.43	7.89	549	2.6	148
8/16/01	5234.13	7.80	544	2.5	147
9/6/01	5233.83	7.53	539	2.5	147
9/18/01	5234.03	7.74	547	2.6	146

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

Monitor Well - MS313

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
7/11/01	5235.90	7.54	581	2.8	180
7/24/01	5236.00	7.66	562	3.4	182
8/3/01	5235.25	0.00	0	3.3	183
8/16/01	5235.20	7.66	565	3.2	181
9/6/01	5234.90	7.30	548	3.0	181
9/18/01	5235.00	7.39	553	3.0	180

The field data (pH and conductivity) for the 8/3/01 sample were lost before being entered into the database. However, all data is checked in the field for errors and the pH was approximately 7.6 and the conductivity was approximately 560 umoh/cm.

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

Monitor Well - OMS1

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=1321	Cl (mg/l) UCL=22	Alkalinity CaCO3 (mg/l) UCL=353
7/11/01	5315.91	7.37	810	7.7	234
7/24/01	5315.41	7.49	788	7.7	235
8/3/01	5315.66	7.43	792	7.6	234
8/16/01	5314.71	7.44	785	7.6	234
9/6/01	5314.01	7.68	773	7.5	233
9/18/01	5314.81	7.55	771	7.6	233

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

Monitor Well - M402

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5230.60	7.70	457	3.5	164
7/26/01	5184.00	7.60	444	3.5	161
8/7/01	5181.85	7.66	454	3.2	162
8/20/01	5215.30	7.63	444	3.6	161
9/10/01	5223.80	7.67	451	3.7	161
9/20/01	5201.10	7.78	447	3.3	160

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

Monitor Well - M403

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5221.40	7.66	441	2.8	164
7/26/01	5184.00	7.59	429	2.8	163
8/7/01	5178.88	7.68	437	3.1	164
8/20/01	5208.30	7.69	430	3.1	164
9/10/01	5210.95	7.75	436	2.8	163
9/20/01	5200.20	7.78	430	3.3	162

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

Monitor Well - M404

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5210.60	7.69	435	3.2	164
7/26/01	5188.30	7.63	426	3.0	163
8/7/01	5177.75	7.71	433	3.2	164
8/20/01	5204.10	7.64	424	3.2	164
9/10/01	5208.90	7.68	434	2.9	163
9/20/01	5201.30	7.76	427	3.2	163

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

Monitor Well - M405

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5203.30	7.53	438	3.0	162
7/26/01	5202.50	7.55	429	3.2	163
8/7/01	5182.90	7.67	433	2.9	164
8/20/01	5205.50	7.67	426	2.9	163
9/10/01	5204.65	7.65	425	2.9	164
9/20/01	5203.00	7.65	420	2.9	162

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

Monitor Well - M406

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5205.20	7.54	440	3.1	163
7/26/01	5194.40	7.56	432	3.4	162
8/7/01	5184.50	7.73	433	3.1	163
8/20/01	5206.90	7.67	428	3.1	163
9/10/01	5201.60	7.63	431	3.3	163
9/20/01	5207.00	7.64	427	3.1	162

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

Monitor Well - M407

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5202.60	7.50	452	3.4	161
7/26/01	5191.70	7.50	445	3.7	162
8/7/01	5185.80	7.66	452	3.1	163
8/20/01	5201.80	7.70	442	3.4	162
9/10/01	5201.55	7.63	441	3.3	161
9/20/01	5204.90	7.63	436	3.1	161

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

Monitor Well - M408

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5202.70	7.46	468	3.5	161
7/26/01	5193.20	7.48	461	3.3	162
8/7/01	5188.60	7.62	466	3.4	163
8/20/01	5196.20	7.60	455	3.7	162
9/10/01	5198.80	7.65	458	3.3	162
9/20/01	5201.00	7.63	452	3.3	161

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

Monitor Well - M409

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5204.40	7.54	465	3.5	161
7/26/01	5197.90	7.59	460	3.7	161
8/7/01	5192.10	7.71	466	3.4	162
8/20/01	5195.20	7.71	454	3.5	161
9/10/01	5197.90	7.69	462	3.7	160
9/20/01	5199.60	7.76	453	3.4	160

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

Monitor Well - M410

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5203.40	7.52	468	3.4	161
7/26/01	5204.00	7.48	460	4.2	160
8/7/01	5199.80	7.63	463	3.5	162
8/20/01	5199.20	7.66	455	3.3	161
9/10/01	5207.95	7.63	455	3.4	160
9/20/01	5203.90	7.62	447	3.6	159

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

Monitor Well - M411

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5203.50	7.53	469	3.7	160
7/26/01	5212.80	7.47	463	3.0	161
8/7/01	5210.20	7.65	467	3.7	162
8/20/01	5205.00	7.65	459	3.3	161
9/10/01	5210.55	7.63	462	3.7	160
9/20/01	5209.30	7.62	455	3.4	160

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

Monitor Well - M412

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5202.30	7.51	485	3.5	160
7/26/01	5218.40	7.48	474	3.6	160
8/7/01	5215.20	7.63	479	3.7	161
8/20/01	5205.70	7.63	470	3.3	160
9/10/01	5213.85	7.63	474	3.7	159
9/20/01	5212.40	7.65	467	3.5	158

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

Monitor Well - M413

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5199.60	7.47	498	3.7	161
7/26/01	5218.50	7.47	487	3.8	160
8/7/01	5213.30	7.61	491	3.5	162
8/20/01	5202.70	7.64	484	3.9	161
9/10/01	5205.35	7.64	483	3.7	160
9/20/01	5208.40	7.65	480	3.8	159

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

Monitor Well - M414

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5207.10	7.46	505	3.9	161
7/26/01	5224.20	7.46	498	3.5	160
8/7/01	5217.00	7.60	504	3.8	162
8/20/01	5208.50	7.64	494	3.4	161
9/10/01	5216.80	7.63	498	3.7	160
9/20/01	5213.40	7.65	492	3.3	160

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

Monitor Well - M415

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5210.60	7.43	525	3.7	159
7/26/01	5224.60	7.45	516	3.6	159
8/7/01	5217.10	7.59	518	3.7	161
8/20/01	5210.30	7.61	510	2.9	159
9/10/01	5216.45	7.73	515	3.3	159
9/20/01	5214.00	7.67	507	3.2	158

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

Monitor Well - M416

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5213.30	7.53	543	3.0	159
7/26/01	5224.70	7.65	534	3.2	159
8/7/01	5216.80	7.59	533	3.2	160
8/20/01	5211.40	7.63	524	3.1	159
9/10/01	5219.90	7.54	521	3.2	159
9/20/01	5214.10	7.50	513	3.3	157

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

Monitor Well - M417

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5214.10	7.48	548	3.2	159
7/26/01	5223.00	7.46	536	2.9	159
8/7/01	5216.70	7.70	541	2.8	161
8/20/01	5211.20	7.60	528	3.0	160
9/10/01	5217.50	7.47	527	3.0	160
9/20/01	5213.60	7.44	520	2.8	159

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

Monitor Well - M418

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5215.70	7.45	548	3.1	160
7/26/01	5223.00	7.47	541	2.9	160
8/7/01	5217.40	7.61	545	3.3	162
8/20/01	5212.30	7.60	532	2.9	161
9/10/01	5222.45	7.44	529	3.0	160
9/20/01	5214.40	7.46	521	3.4	159

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

Monitor Well - M419

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5217.10	7.58	565	2.7	163
7/26/01	5222.60	7.49	556	2.8	162
8/7/01	5218.50	7.58	556	3.2	164
8/20/01	5214.00	7.67	544	2.9	164
9/10/01	5223.45	7.44	543	2.7	162
9/20/01	5215.60	7.49	534	2.9	161

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

Monitor Well - M420

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5215.80	7.48	569	2.7	161
7/26/01	5222.10	7.59	563	2.8	162
8/7/01	5217.40	7.58	559	2.8	163
8/20/01	5213.00	7.60	545	2.5	163
9/10/01	5222.40	7.64	556	2.7	162
9/20/01	5214.80	7.70	551	2.7	161

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

Monitor Well - M421

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5213.40	7.42	563	3.1	163
7/26/01	5221.40	7.48	549	2.3	162
8/7/01	5215.50	7.59	556	2.8	164
8/20/01	5211.10	7.60	542	3.2	164
9/10/01	5219.90	7.60	550	3.1	162
9/20/01	5213.10	7.81	545	3.1	162

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

Monitor Well - M422

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5211.00	7.49	558	2.8	162
7/26/01	5221.70	7.48	545	2.7	162
8/7/01	5214.60	7.70	552	3.3	163
8/20/01	5209.80	7.66	543	3.3	162
9/10/01	5219.60	7.64	545	3.0	161
9/20/01	5212.00	7.76	526	3.2	161

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

Monitor Well - M423

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5209.60	7.46	553	2.9	161
7/26/01	5223.60	7.54	543	2.8	161
8/7/01	5214.80	7.64	545	3.0	162
8/20/01	5208.90	7.67	535	2.7	161
9/10/01	5216.25	7.61	535	2.9	160
9/20/01	5212.20	7.69	537	3.1	160

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

Monitor Well - M424

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5205.20	7.63	544	3.4	161
7/26/01	5222.70	7.54	532	3.3	160
8/7/01	5214.10	7.62	541	3.4	162
8/20/01	5205.90	7.62	528	3.0	160
9/10/01	5214.70	7.58	527	3.3	160
9/20/01	5210.80	7.60	519	3.3	159

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

Monitor Well - M425

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5202.40	7.62	539	3.6	160
7/26/01	5219.60	7.54	526	3.5	159
8/7/01	5211.50	7.61	537	3.4	160
8/20/01	5203.90	7.56	521	3.5	159
9/10/01	5209.90	7.57	522	3.3	158
9/20/01	5209.40	7.61	510	3.5	158

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

Monitor Well - M426

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5200.10	7.64	531	3.3	160
7/26/01	5215.70	7.55	521	3.7	159
8/7/01	5211.40	7.60	532	3.8	161
8/20/01	5203.10	7.56	516	3.8	160
9/10/01	5211.45	7.59	517	3.3	159
9/20/01	5208.70	7.63	508	3.9	159

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

Monitor Well - M427

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5199.10	7.64	508	3.7	161
7/26/01	5209.50	7.55	496	4.1	160
8/7/01	5207.40	7.63	508	3.6	163
8/20/01	5201.80	7.57	494	3.3	161
9/10/01	5207.80	7.59	495	3.7	160
9/20/01	5206.40	7.62	488	3.7	160

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

Monitor Well - M428

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5206.00	7.61	507	3.4	162
7/26/01	5203.70	7.57	497	3.8	161
8/7/01	5200.80	7.62	504	3.6	163
8/20/01	5200.40	7.57	493	3.4	161
9/10/01	5208.80	7.57	494	3.8	160
9/20/01	5202.60	7.64	486	3.4	160

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

Monitor Well - M429

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5207.80	7.58	509	3.6	161
7/26/01	5198.40	7.56	499	3.7	161
8/7/01	5194.70	7.62	509	3.6	162
8/20/01	5199.10	7.58	497	3.6	161
9/10/01	5202.10	7.57	495	3.8	160
9/20/01	5201.10	7.64	486	3.6	160

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

Monitor Well - M430

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5206.70	7.62	504	3.5	161
7/26/01	5189.40	7.56	495	3.8	161
8/7/01	5186.80	7.64	502	3.6	163
8/20/01	5199.30	7.58	489	3.7	161
9/10/01	5199.60	7.60	491	3.8	161
9/20/01	5201.50	7.66	483	3.8	160

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

Monitor Well - M431

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5212.20	7.62	492	3.8	161
7/26/01	5189.70	7.57	483	4.1	161
8/7/01	5186.50	7.63	491	3.6	162
8/20/01	5204.10	7.59	478	3.3	161
9/10/01	5204.65	7.61	481	3.8	161
9/20/01	5203.10	7.65	474	3.7	160

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

Monitor Well - M432

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5220.00	7.61	506	3.1	160
7/26/01	5191.10	7.54	494	3.9	161
8/7/01	5188.70	7.60	500	3.6	163
8/20/01	5209.90	7.58	489	3.4	162
9/10/01	5211.45	7.64	454	3.6	161
9/20/01	5202.30	7.68	482	3.4	161

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

Monitor Well - M433

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5228.30	7.61	514	3.5	161
7/26/01	5188.20	7.58	503	4.0	162
8/7/01	5188.40	7.63	515	3.7	163
8/20/01	5216.60	7.59	498	3.9	162
9/10/01	5218.65	7.67	503	3.4	160
9/20/01	5201.80	7.72	490	3.4	161

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

Monitor Well - M434

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5233.90	7.64	503	4.1	161
7/26/01	5186.60	7.58	491	3.7	161
8/7/01	5187.70	7.63	499	3.8	163
8/20/01	5220.60	7.60	488	3.8	162
9/10/01	5223.75	7.65	499	3.8	162
9/20/01	5201.90	7.75	484	3.4	161

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

Monitor Well - M435

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5241.90	7.62	507	4.0	161
7/26/01	5192.30	7.66	500	3.6	156
8/7/01	5192.00	7.70	503	3.6	162
8/20/01	5225.70	7.59	499	3.7	162
9/10/01	5230.30	7.63	490	3.9	161
9/20/01	5201.10	7.67	495	3.7	161

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

Monitor Well - M436

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5240.80	7.46	523	3.8	164
7/26/01	5176.00	7.73	518	3.8	160
8/7/01	5180.20	7.74	519	3.7	166
8/20/01	5210.00	7.61	514	4.0	165
9/10/01	5227.30	7.54	507	3.7	164
9/20/01	5177.10	7.55	509	3.8	164

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

Monitor Well - M437

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5235.40	7.50	511	3.7	162
7/26/01	5164.00	7.65	506	3.4	158
8/7/01	5181.03	7.67	509	3.8	162
8/20/01	5212.10	7.56	504	3.9	163
9/10/01	5211.80	7.58	496	3.5	161
9/20/01	5161.30	7.61	499	3.8	162

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

Monitor Well - M438

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5236.50	7.56	510	3.4	163
7/26/01	5163.10	7.64	503	3.7	158
8/7/01	5186.98	7.66	501	3.8	162
8/20/01	5220.80	7.55	497	4.1	162
9/10/01	5197.50	7.55	489	3.5	162
9/20/01	5154.50	7.56	490	3.7	161

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

Monitor Well - M439

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5233.00	7.45	519	4.1	163
7/26/01	5169.90	7.69	513	3.7	159
8/7/01	5189.13	7.67	512	4.0	162
8/20/01	5219.70	7.57	510	4.2	163
9/10/01	5180.40	7.52	499	3.9	162
9/20/01	5148.60	7.56	502	3.8	162

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

Monitor Well - M440

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5225.60	7.55	521	3.8	163
7/26/01	5179.60	7.61	516	3.9	160
8/7/01	5189.06	7.63	516	3.5	163
8/20/01	5213.30	7.52	511	3.9	163
9/10/01	5164.40	7.50	497	3.8	162
9/20/01	5136.70	7.55	503	3.9	161

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

Monitor Well - M441

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5219.90	7.48	522	4.0	163
7/26/01	5186.30	7.60	514	3.8	160
8/7/01	5188.62	7.52	519	4.0	163
8/20/01	5207.30	7.53	511	3.8	162
9/10/01	5159.65	7.49	500	4.0	160
9/20/01	5136.20	7.56	498	4.1	159

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

Monitor Well - M442

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5210.90	7.42	520	3.6	163
7/26/01	5188.50	7.60	513	4.1	161
8/7/01	5184.66	7.49	509	3.6	163
8/20/01	5197.90	7.53	508	3.9	163
9/10/01	5159.60	7.50	498	3.7	162
9/20/01	5143.10	7.54	495	3.7	161

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

Monitor Well - M443

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5209.90	7.48	532	3.6	163
7/26/01	5193.80	7.61	524	3.6	161
8/7/01	5186.80	7.48	523	3.5	163
8/20/01	5197.00	7.53	521	3.5	163
9/10/01	5165.00	7.49	503	3.8	163
9/20/01	5152.40	7.55	508	3.6	162

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

Monitor Well - M444

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5207.60	7.44	534	3.6	164
7/26/01	5196.40	7.61	529	3.3	163
8/7/01	5171.85	7.72	529	3.9	164
8/20/01	5195.10	7.56	523	3.7	164
9/10/01	5167.60	7.49	513	3.8	163
9/20/01	5157.20	7.49	510	3.5	163

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

Monitor Well - M445

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5205.10	7.46	530	3.8	161
7/26/01	5197.40	7.61	527	3.8	162
8/7/01	5184.00	7.61	525	3.6	163
8/20/01	5193.10	7.55	519	3.9	163
9/10/01	5169.10	7.49	513	3.8	163
9/20/01	5160.30	7.50	509	3.6	162

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

Monitor Well - M446

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5204.50	7.65	526	3.7	163
7/26/01	5198.10	7.61	518	3.5	162
8/7/01	5164.10	7.57	517	3.7	163
8/20/01	5193.10	7.60	512	3.9	163
9/10/01	5171.05	7.50	504	3.4	162
9/20/01	5162.40	7.53	503	3.9	162

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

Monitor Well - M447

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5204.00	7.44	517	4.1	164
7/26/01	5198.10	7.68	513	3.7	160
8/7/01	5194.78	7.52	509	3.7	164
8/20/01	5192.90	7.61	507	3.7	164
9/10/01	5171.55	7.51	499	3.5	162
9/20/01	5163.50	7.53	497	4.1	163

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

Monitor Well - M448

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5204.00	7.50	512	4.2	165
7/26/01	5198.10	7.67	506	3.6	160
8/7/01	5224.05	7.66	503	3.6	165
8/20/01	5193.80	7.54	500	3.7	165
9/10/01	5171.90	7.55	498	3.7	164
9/20/01	5164.20	7.50	490	3.9	164

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

Monitor Well - M449

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5205.30	7.60	502	3.4	164
7/26/01	5198.00	7.69	497	3.6	161
8/7/01	5187.26	7.66	496	3.8	166
8/20/01	5193.90	7.56	493	3.7	165
9/10/01	5172.40	7.57	484	3.8	164
9/20/01	5164.20	7.50	482	3.9	164

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

Monitor Well - M450

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5209.20	7.61	509	3.9	167
7/26/01	5196.10	7.70	503	4.0	166
8/7/01	5183.77	7.67	500	3.5	168
8/20/01	5196.90	7.57	497	3.7	168
9/10/01	5169.70	7.52	496	3.4	167
9/20/01	5158.60	7.51	487	3.8	167

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

Monitor Well - M451

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5214.90	7.64	498	3.8	163
7/26/01	5191.20	7.69	494	3.5	162
8/7/01	5215.80	7.54	492	3.5	165
8/20/01	5203.20	7.55	488	3.8	164
9/10/01	5166.45	7.53	486	3.7	163
9/20/01	5148.10	7.51	477	3.5	163

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

Monitor Well - M452

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5219.90	7.59	489	3.6	164
7/26/01	5184.90	7.70	483	3.7	163
8/7/01	5192.20	7.49	483	3.8	164
8/20/01	5213.10	7.54	478	3.7	164
9/10/01	5175.30	7.50	473	3.6	163
9/20/01	5152.40	7.52	468	3.7	164

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

Monitor Well - M453

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5224.40	7.58	482	4.0	164
7/26/01	5174.60	7.70	478	3.7	164
8/7/01	5161.65	7.51	475	3.9	165
8/20/01	5214.30	7.54	472	3.8	164
9/10/01	5191.70	7.53	462	3.9	164
9/20/01	5164.90	7.54	463	3.6	164

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

Monitor Well - M454

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5224.90	7.73	474	3.4	166
7/26/01	5162.80	7.72	469	3.5	164
8/7/01	5185.85	7.67	468	3.5	166
8/20/01	5221.40	7.57	464	3.3	164
9/10/01	5208.55	7.52	452	3.6	164
9/20/01	5168.50	7.56	455	3.5	164

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

Monitor Well - M455

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5223.00	7.63	461	3.4	163
7/26/01	5166.50	7.70	459	3.5	163
8/7/01	5182.50	7.70	455	3.5	164
8/20/01	5217.70	7.57	453	3.2	164
9/10/01	5219.05	7.51	448	3.4	164
9/20/01	5173.80	7.59	447	3.4	163

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

Monitor Well - M456

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5222.80	7.68	456	3.4	162
7/26/01	5168.00	7.72	447	3.4	163
8/7/01	5168.78	7.74	451	3.2	163
8/20/01	5194.50	7.57	445	3.3	164
9/10/01	5226.60	7.51	435	3.5	163
9/20/01	5167.40	7.63	438	3.5	163

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

Monitor Well - M457

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5231.40	7.78	447	3.2	162
7/26/01	5180.50	7.75	444	3.3	163
8/7/01	5180.37	7.72	445	3.4	163
8/20/01	5202.40	7.56	439	3.3	163
9/10/01	5228.45	7.53	433	2.9	162
9/20/01	5182.20	7.74	427	3.4	162

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

Monitor Well - M458

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=708	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=177
7/13/01	5241.20	7.72	454	3.6	161
7/26/01	5187.40	7.73	448	3.7	163
8/7/01	5189.84	7.67	442	3.5	163
8/20/01	5221.50	7.62	447	3.6	163
9/10/01	5230.85	7.61	449	6.1	162
9/20/01	5200.20	7.64	458	10.1	162

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

Monitor Well - MD401

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5224.10	7.56	499	3.7	160
7/26/01	5224.00	7.55	495	4.2	160
8/7/01	5224.30	7.67	498	4.2	160
8/20/01	5223.60	7.67	487	3.8	160
9/10/01	5224.55	7.51	486	4.2	160
9/20/01	5223.60	7.50	483	4.1	158

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

Monitor Well - MD402

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5227.10	7.54	500	4.4	160
7/26/01	5227.10	7.65	492	4.5	160
8/7/01	5226.80	7.67	494	4.2	161
8/20/01	5226.60	7.68	485	4.3	161
9/10/01	5227.20	7.50	483	3.6	161
9/20/01	5226.50	7.52	480	4.0	159

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

Monitor Well - MD403

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5220.00	7.55	501	4.3	161
7/26/01	5220.00	7.50	492	4.5	161
8/7/01	5219.80	7.68	497	4.2	162
8/20/01	5219.30	7.69	486	4.1	162
9/10/01	5218.95	7.51	484	4.4	161
9/20/01	5219.20	7.51	479	4.2	159

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

Monitor Well - MD404

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5219.80	7.53	504	4.6	162
7/26/01	5219.50	7.53	496	4.5	162
8/7/01	5218.80	7.77	501	4.3	163
8/20/01	5218.30	7.66	490	4.4	162
9/10/01	5220.40	7.38	486	4.3	162
9/20/01	5219.00	7.50	482	4.2	160

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

Monitor Well - MD405

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5218.70	7.52	497	4.1	162
7/26/01	5218.80	7.51	489	4.6	162
8/7/01	5218.40	7.75	498	4.7	162
8/20/01	5218.20	7.70	484	4.8	162
9/10/01	5218.55	7.45	481	4.5	162
9/20/01	5218.70	7.56	477	4.2	161

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

Monitor Well - MD406

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5219.50	7.55	534	4.2	159
7/26/01	5219.40	7.51	524	4.1	160
8/7/01	5218.28	7.70	529	3.9	161
8/20/01	5217.80	7.53	517	4.3	161
9/10/01	5218.55	7.46	518	3.9	161
9/20/01	5218.30	7.67	510	4.0	159

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

Monitor Well - MD407

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5210.50	7.55	493	4.5	161
7/26/01	5210.40	7.54	492	4.5	160
8/7/01	5209.40	7.75	492	4.4	161
8/20/01	5209.20	7.69	482	4.7	161
9/10/01	5209.40	7.51	482	4.4	161
9/20/01	5209.90	7.54	478	4.2	160

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

Monitor Well - MD408

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5201.80	7.54	497	4.4	162
7/26/01	5201.80	7.58	489	4.8	163
8/7/01	5201.00	7.73	491	4.5	163
8/20/01	5201.40	7.68	481	4.5	163
9/10/01	5202.00	7.50	482	4.6	163
9/20/01	5201.20	7.52	476	4.6	162

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

Monitor Well - MD409

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5203.80	7.53	489	3.9	163
7/26/01	5203.70	7.52	482	4.5	163
8/7/01	5202.94	7.78	483	4.3	163
8/20/01	5203.00	7.68	478	4.2	164
9/10/01	5202.15	7.52	475	4.6	163
9/20/01	5203.00	7.52	472	4.5	161

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

Monitor Well - MD410

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5219.00	7.58	507	4.7	160
7/26/01	5219.10	7.56	495	4.1	159
8/7/01	5218.90	7.67	504	4.4	161
8/20/01	5218.40	7.60	493	4.2	160
9/10/01	5219.60	7.60	491	4.6	160
9/20/01	5219.20	7.58	480	4.4	159

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

Monitor Well - MD411

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5229.50	7.47	500	3.7	157
7/26/01	5229.80	7.87	499	3.9	157
8/7/01	5229.70	7.66	500	3.9	158
8/20/01	5228.50	7.73	491	4.2	158
9/10/01	5230.50	7.54	488	4.0	158
9/20/01	5228.90	7.49	482	4.0	156

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

Monitor Well - MD412

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5198.20	7.68	505	4.3	158
7/26/01	5198.20	7.68	500	4.5	159
8/7/01	5196.95	7.79	492	4.6	160
8/20/01	5197.80	7.60	496	4.5	159
9/10/01	5197.25	7.60	489	4.3	159
9/20/01	5213.30	7.50	482	4.5	158

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

Monitor Well - MD413

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5191.20	7.66	509	4.4	159
7/26/01	5191.30	7.75	500	4.6	159
8/7/01	5190.01	7.69	498	4.2	159
8/20/01	5190.80	7.59	491	4.6	159
9/10/01	5191.40	7.60	492	4.4	159
9/20/01	5190.70	7.50	484	4.6	160

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

Monitor Well - MD414

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5186.10	7.68	500	4.5	160
7/26/01	5186.20	7.72	494	4.4	161
8/7/01	5185.00	7.58	497	4.5	161
8/20/01	5185.90	7.60	490	4.6	164
9/10/01	5186.35	7.60	486	4.4	161
9/20/01	5185.80	7.58	479	4.5	161

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

Monitor Well - MD415

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5181.10	7.61	503	4.9	160
7/26/01	5181.20	7.75	499	4.5	161
8/7/01	5180.07	7.50	497	4.4	161
8/20/01	5180.70	7.59	493	4.3	161
9/10/01	5180.80	7.48	485	4.1	161
9/20/01	5180.70	7.44	476	4.6	161

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

Monitor Well - MD416

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5178.40	7.69	497	4.2	161
7/26/01	5178.40	7.72	494	4.1	163
8/7/01	5177.23	7.62	497	4.4	162
8/20/01	5178.10	7.61	488	4.3	163
9/10/01	5178.60	7.65	483	4.3	163
9/20/01	5178.00	7.52	473	4.1	162

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

Monitor Well - MD417

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=579	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=176
7/13/01	5175.00	7.73	500	4.2	163
7/26/01	5175.00	7.75	493	4.1	164
8/7/01	5173.92	7.59	499	4.4	164
8/20/01	5174.80	7.58	491	4.3	164
9/10/01	5175.15	7.63	486	4.0	164
9/20/01	5174.70	7.49	486	4.3	164

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

Monitor Well - MS401

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5224.80	7.60	551	2.5	160
7/26/01	5222.50	7.63	539	2.6	160
8/7/01	5222.90	7.62	546	2.4	161
8/20/01	5221.40	7.55	530	2.1	161
9/10/01	5221.55	7.64	537	2.2	160
9/20/01	5220.80	7.71	525	2.3	159

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

Monitor Well - MS402

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5222.40	7.39	543	2.6	161
7/26/01	5226.70	7.59	541	2.5	160
8/7/01	5221.80	7.68	539	2.7	162
8/20/01	5220.90	7.74	530	2.6	162
9/10/01	5220.35	7.71	529	2.7	162
9/20/01	5220.10	7.66	526	2.5	160

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

Monitor Well - MS403

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5220.60	7.41	537	1.9	161
7/26/01	5220.30	7.56	533	2.3	160
8/7/01	5220.60	7.74	536	2.1	162
8/20/01	5219.10	7.60	521	1.9	162
9/10/01	5218.60	7.58	518	2.5	162
9/20/01	5218.30	7.50	514	2.3	161

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

Monitor Well - MS404

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5220.30	7.48	537	3.6	160
7/26/01	5219.90	7.58	527	2.9	160
8/7/01	5219.30	7.70	526	2.8	162
8/20/01	5218.60	7.57	515	2.8	162
9/10/01	5218.65	7.43	512	2.9	161
9/20/01	5217.70	7.44	508	2.7	160

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

Monitor Well - MS405

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5219.40	7.44	533	3.0	159
7/26/01	5219.90	7.57	526	2.8	159
8/7/01	5218.57	7.68	524	3.3	161
8/20/01	5217.70	7.57	518	3.0	161
9/10/01	5217.80	7.40	513	2.8	161
9/20/01	5217.60	7.40	511	3.1	159

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

Monitor Well - MS406

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5218.90	7.42	526	3.3	159
7/26/01	5218.50	7.57	521	3.0	158
8/7/01	5217.47	7.69	520	3.4	161
8/20/01	5216.50	7.57	510	3.0	160
9/10/01	5216.50	7.38	507	3.3	160
9/20/01	5216.30	7.39	501	3.4	159

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

Monitor Well - MS407

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5218.20	7.58	516	3.1	159
7/26/01	5217.80	7.60	516	3.2	159
8/7/01	5216.87	7.75	515	3.0	161
8/20/01	5216.10	7.62	500	3.0	160
9/10/01	5216.65	7.46	496	3.1	161
9/20/01	5215.60	7.44	493	3.0	159

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

Monitor Well - MS408

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5217.30	7.46	524	3.5	158
7/26/01	5216.90	7.57	522	3.2	158
8/7/01	5216.19	7.67	520	3.3	160
8/20/01	5215.70	7.54	508	3.1	159
9/10/01	5214.85	7.38	505	3.5	159
9/20/01	5214.80	7.41	504	3.4	157

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

Monitor Well - MS409

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5217.40	7.38	528	2.8	160
7/26/01	5216.80	7.58	522	2.8	160
8/7/01	5216.06	7.71	526	2.5	160
8/20/01	5215.30	7.56	511	2.6	161
9/10/01	5215.95	7.36	508	2.7	161
9/20/01	5214.80	7.40	503	2.8	159

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

Monitor Well - MS411

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5223.90	7.40	565	2.5	164
7/26/01	5223.80	7.59	572	2.1	165
8/7/01	5224.00	7.60	562	2.2	165
8/20/01	5222.70	7.65	550	2.0	166
9/10/01	5222.90	7.46	548	2.4	165
9/20/01	5222.10	7.49	541	2.3	164

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

Monitor Well - MS412

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5215.70	7.44	520	2.8	157
7/26/01	5215.30	7.58	517	2.9	158
8/7/01	5214.02	7.65	514	2.7	160
8/20/01	5214.20	7.60	515	3.3	159
9/10/01	5213.75	7.55	507	2.9	159
9/20/01	5213.30	7.56	509	2.8	159

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

Monitor Well - MS413

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5214.20	7.46	540	3.0	163
7/26/01	5213.70	7.60	533	3.1	163
8/7/01	5212.83	7.71	535	2.9	163
8/20/01	5212.50	7.57	527	3.4	163
9/10/01	5211.45	7.51	519	3.4	162
9/20/01	5211.90	7.63	525	3.1	162

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

Monitor Well - MS414

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5213.80	7.62	541	3.0	160
7/26/01	5212.50	7.75	531	3.0	161
8/7/01	5211.18	7.64	532	3.2	161
8/20/01	5211.20	7.51	524	2.9	161
9/10/01	5210.10	7.55	520	3.1	161
9/20/01	5210.80	7.52	512	3.0	161

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

Monitor Well - MS415

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5211.30	7.64	544	3.5	158
7/26/01	5211.00	7.71	537	3.2	160
8/7/01	5209.60	7.58	539	3.3	159
8/20/01	5209.70	7.50	526	3.1	160
9/10/01	5210.35	7.51	522	3.1	159
9/20/01	5209.40	7.50	511	3.4	159

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

Monitor Well - MS416

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5209.50	7.56	543	3.6	160
7/26/01	5209.30	7.70	538	3.5	160
8/7/01	5207.80	7.51	540	3.4	161
8/20/01	5207.80	7.53	531	3.2	160
9/10/01	5206.70	7.52	526	3.6	160
9/20/01	5208.00	7.35	512	3.1	159

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

Monitor Well - MS417

Date Water Level	MSL	pH	SC @ 25 C (umoh/cm) UCL=637	Cl (mg/l) UCL=19	Alkalinity CaCO3 (mg/l) UCL=178
7/13/01	5207.20	7.68	550	3.3	161
7/26/01	5207.00	7.69	543	3.2	162
8/7/01	5205.69	7.57	543	3.7	161
8/20/01	5205.40	7.50	534	3.5	162
9/10/01	5204.60	7.52	528	3.7	162
9/20/01	5206.50	7.37	515	3.3	162