



Rio Algom Mining LLC

September 5, 2003

ATTN: Document Control Desk
Mr. Gary Janosko, Chief
Fuel Cycle Licensing Branch, NMSS
Mail Stop T-8-A-33
One White Flint North
11555 Rockville Pike
Rockville, MD 20852-2738

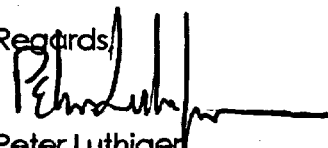
Re: **License SUA-1473, Docket No. 40-8905**
Semiannual Effluent Report - 1st Half 2003
Supplemental Report

Dear Mr. Janosko,

In accordance with license condition #19 of the above referenced source material license and the NRC approved *Health Physics and Environmental Programs Manual*, please find attached the first half 2003 Semiannual Report for the Ambrosia Lake facility. This supplemental report, which was necessary due to incomplete laboratory results being available at the time of initial report submission, provides the 2nd quarter 2003 environmental radon monitoring results.

If you have any questions or need additional information, please do not hesitate to call me at (505) 287-8851, extension 205.

Regards,



Peter Luthiger
Supervisor, Radiation Safety
and Environmental Affairs

Attachment

xc: T. Fletcher
P. Goranson
J. Caverly (NRC-MD-License SUA-1473 Docket No. 40-8905)
file

NMSS01

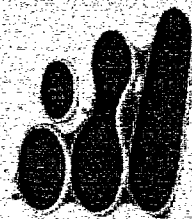


**RIO ALGOM MINING LLC
AMBROSIA LAKE FACILITY**

License SUA-1473 Docket No. 40-8905

**SEMI-ANNUAL
EFFLUENT REPORT
1ST HALF 2003
(SUPPLEMENTAL REPORT)**

September 5, 2003



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Rio Algom Mining LLC
Ambrosia Lake Facility

License SUA-1473
Docket Number 40-8905

Environmental Radon

Date: 1st Quarter 2003
Sample Media: Track Etch

Date: 2nd Quarter 2003
Sample Media: Track Etch

<u>Location</u>	<u>Rate pCi/L</u>	<u>Error pCi/L</u>
Substation	1.0	0.1
Mill Diversion	2.9	0.3
Section 30W VH6	4.3	0.4
North Fence	5.5	0.4
Section 17 VH4	1.0	0.1

<u>Location</u>	<u>Rate pCi/L</u>	<u>Error pCi/L</u>
Substation	3.1	0.3
Mill Diversion	3.3	0.3
Section 30W VH6	3.2	0.3
North Fence	7.8	0.5
Section 17 VH4	1.1	0.2