

# Rio Algom Mining LLC

August 16, 2018

Mr. James Webb  
Nuclear Regulatory Commission  
Mail Stop T5-A10  
Washington, DC 20555-0001

Re: **Ambrosia Lake Facility**  
**License SUA-1473, Docket No. 40-8905**  
**Section 4 Ponds Area Environmental Report**

Dear Mr. Webb:

Rio Algom Mining LLC (RAML) respectfully submits the attached *Section 4 Ponds Area Environmental Report* (Environmental Report) for your review. The NRC previously evaluated the impact of reclaiming the ponds in two Environmental Assessments:

*2005. Environmental Assessment for the Relocation Plan – Lined Evaporation Ponds at Rio Algom Mining, LLC's Ambrosia Lake Facility (TACLU0078). June 17, 2005. [ADAMS Accession No. ML051680226]*

*2006. Environmental Assessment for the Soil decommissioning Plan Rio Algom Mining LLC's Uranium Mill Facility, Ambrosia Lake, New Mexico. May 15, 2006. [ADAMS Accession No. ML061630291].*

The NRC requested RAML to provide any additional data or information that has been collected or obtained since the completion to these two EA's. This Environmental Report presents a summary of the requested information to assist NRC's decision on the proposed action to release the former Section 4 ponds area from the License SUA-1473.

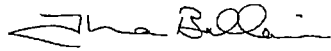
On November 08, 2017, RAML submitted a request for License SUA-1473 amendment to release the former Section 4 ponds area. In addition to the request, RAML submitted a revised Soil Decommissioning Plan (SDP) which includes an alternate method for evaluating compliance with cleanup requirements and the dose assessment completed for the former Section 4 ponds area (RAML, 2017b [ADAMS Accession No. ML17340A482]). The release of the former Section 4 ponds area is in accordance with 10 CFR 40, Appendix A, Criterion 6(6) as demonstrated in the *Final Radiological Condition and dose Assessment for the Section 4 Ponds* (RAML, 2017a [ADAMS Accession No. ML17340A484]). The proposed action would remove radiological regulatory controls from the property and allow the area to be considered for future beneficial use.

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RAML looks forward to NRC's review comments on this Environmental Report. If you have any questions or need additional information, please call me at (209) 736-4803.

Sincerely,

**Rio Algom Mining LLC**

A handwritten signature in black ink, appearing to read "Theresa Ballaine".

Theresa Ballaine  
Manager

cc: Document Control  
Bernadette Tsosie, DOE (email only)  
Alison Kuhlman, DOE contractor (email only)  
Kurt Vollbrecht, NMED (email only)

Attachment: As stated

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