

Rio Algom Mining LLC

June 28, 2016

Mr. Varughese Kurian,
Project Manager
U.S. Nuclear Regulatory Commission
Two White Flint, Mail Stop T8F5
11545 Rockville Pike
Rockville, MD 20852

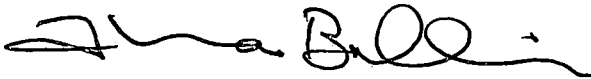
Subject: Rio Algom Mining LLC – Ambrosia Lake
License SUA-1473 - Docket No. 40-8905
2015 Land Use Survey

Dear Mr. Kurian,

In accordance with license condition #39 of the above referenced source material license, please find attached the 2016 Land Use Survey for the Ambrosia Lake facility. The survey contains information regarding the land use within two miles of the mill facility. Mervin Reichle and family continue to own and occupy the Berryhill Ranch. A groundwater well was developed within the two mile radius since the last survey.

If you have any questions or need additional information, please do not hesitate to call me at (209) 753-7005.

Regards,



Theresa Ballaine
Manager

Attachment: As Stated

cc – Original to Document Control
Kent Applegate, RAML

LAND USE SURVEY - 2016

RIO ALGOM MINING LLC AMBROSIA LAKE FACILITY

A survey was performed to ascertain the land use within two (2) miles of the Ambrosia Lake mill. In addition, occupancy of the *Berryhill Ranch* was included within the scope of the survey.

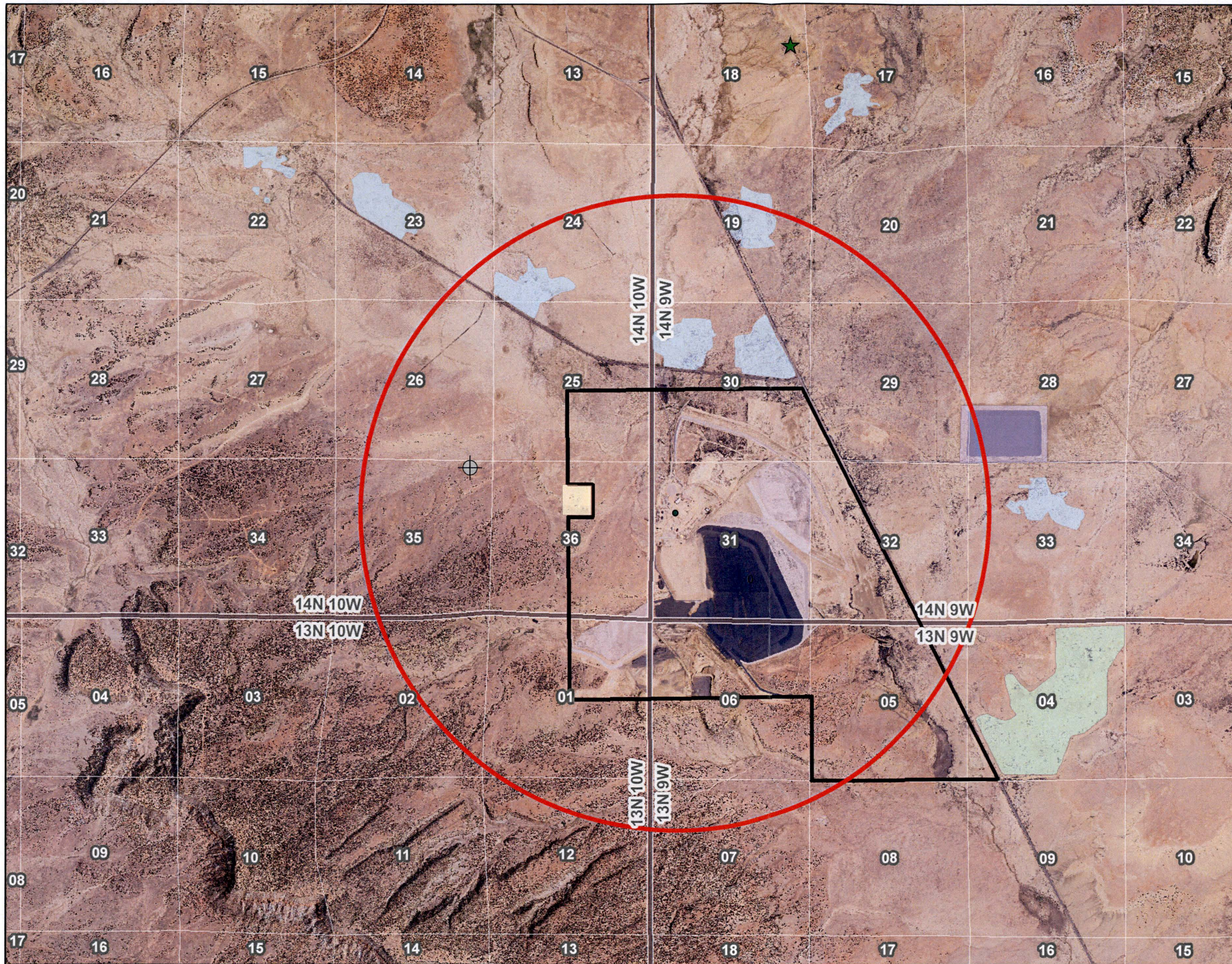
Land use within two (2) miles of the mill is currently limited to:

- ↳ Grazing land
- ↳ Utilities

The Berryhill Ranch, located approximately three (3) miles north-northeast of the mill, is currently occupied. The high volume particulate air sampler located near Section 17 ventilation hole #4 is operational while the ranch is occupied.

A new groundwater well was developed within the two mile radius of the mill (T14N R10, Section 35). The New Mexico Water Rights Reporting System shows the well was finished on October 12th 2015, drilled to a depth of 880 feet with depth to water at 485 feet.

The attached map indicates the various land uses within two miles of the mill.



0 0.5 1 Miles

- ★ Berryhill Ranch
- ⊕ Private Groundwater Well
- Reclaimed Mill Site - DOE LTSM
- Mine Reclamation Sites
- Section 4
- Utilities
- LTSM boundary
- Two Mile Buffer from Former Mill

Land Use Survey - 2016

Rio Algom Mining LLC.
License SUA - 1473
Docket 40-8905