Rio Algom Mining LLC

P.O. Box 218, Grants, NM USA 87020 (505)287-8851

June 22, 2005

Mr. Gary Janosko, Chief
Fuel Cycle Licensing Branch, NMSS
Mail Stop T-8-A-33
One White Flint North
11555 Rockville Pike
Rockville, MD 20850

Re: **License SUA-1473**
Docket No. 40-8905
2005 Land Use Survey

Dear Mr. Janosko,

In accordance with license condition #39 of the above referenced source material license, please find attached the 2005 Land Use Survey for the Ambrosia Lake facility. The survey contains information regarding the land use within two miles of the mill facility. No changes in land use have occurred since the last survey other than performing on-going reclamation activities at some of the mine sites.

Rio Algom intends to initiate the lined pond relocation project in the near future. This project will result in construction activities including installation of a highway overpass and haul road construction to support that project.

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
Manager, Radiation Safety
and Environmental Affairs

Attachment: As Stated

xc: T. Fletcher
B. Law
NRC – R. Nelson
NRC-Arlington
file

LAND USE SURVEY - 2005

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 are currently limited to:

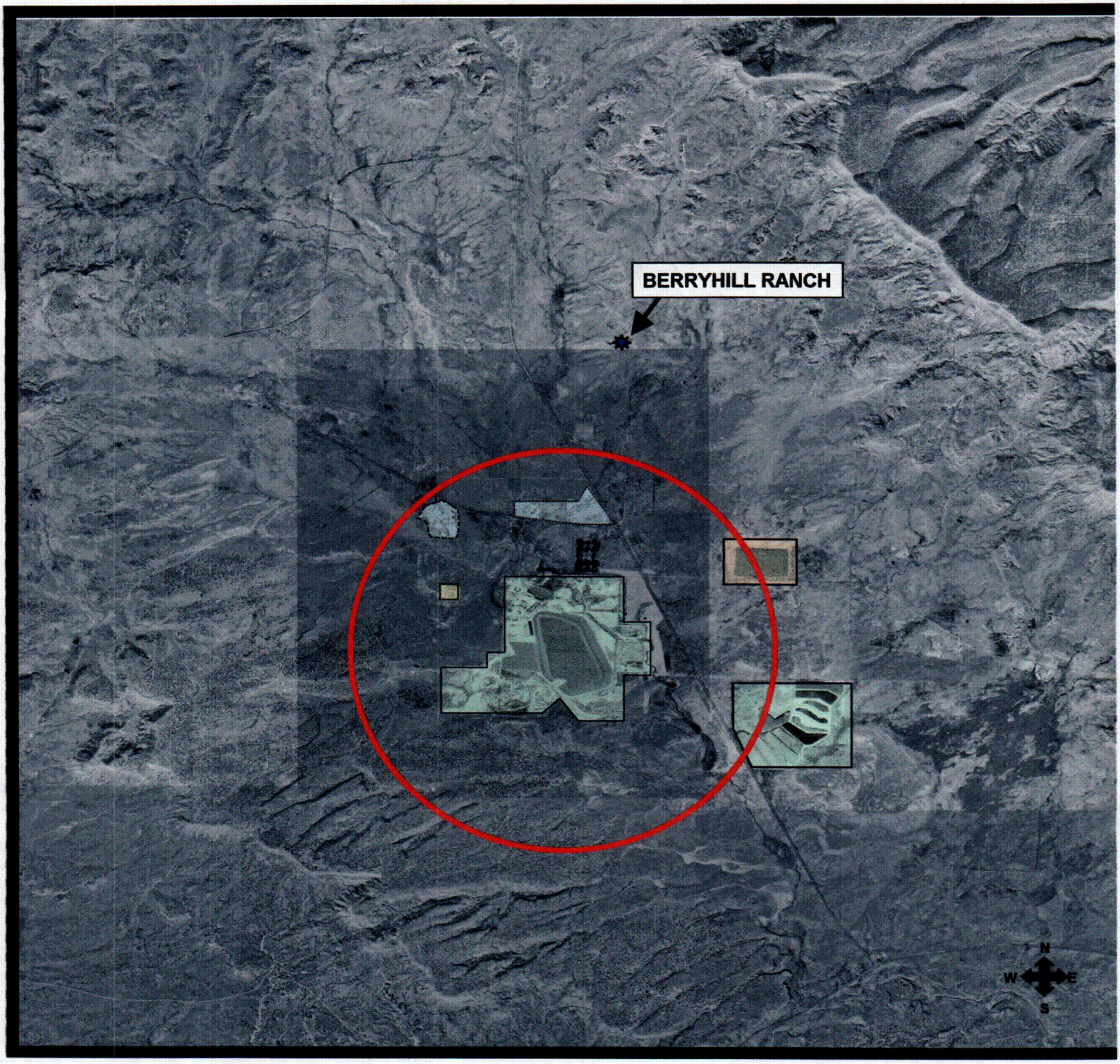
- Mining activities (mine reclamation activities)
- Grazing land
- Utilities

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.

The attached map indicates the various land uses within two miles of the mill as well as the location of the Berryhill Ranch.

RIO ALGOM MINING LLC
LICENSE SUA-1473 DOCKET 40-8905

LAND USE SURVEY - 2005



License SUA-1473 Restricted Area

Reclaimed Mine Sites

Utilities

Reclaimed Uranium Mill Site – DOE LTSM Program

1 Mile

Surrounding lands that are not fenced are used for grazing on an intermittent basis.

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