

# STATE OF COLORADO

Bill Owens, Governor  
Dennis E. Ellis, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

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DEC 19 2006

Colorado Department  
of Public Health  
and Environment

DEC 15 2006

Linn D. Havelick, CIH  
Colorado School of Mines  
Environmental Health and Safety  
Golden, Colorado 80401-1887

RE: Radioactive Materials License Number 617-01 Amendment Number 7

Dear Mr. Havelick:

Enclosed is a signed copy of Radioactive Materials License Number 617-01 Amendment Number 7. It is effective immediately upon receipt.

If you have any technical questions or would like to set up a meeting, please call Edgar Ethington at (303) 692-3438, or me at (303) 692-3423.

Sincerely,

Steve Tarlton  
Radiation Management Unit Leader  
Compliance Program

CC Jerry Goad; AGO  
Jefferson County Health Department

Enclosure (1)

**RADIOACTIVE MATERIALS LICENSE**

Pursuant to the *Colorado Radiation Control Act*, Title 25, Article 11, *Colorado Revised Statutes*, and the State of Colorado *Rules and Regulations Pertaining to Radiation Control*, Part 3, and in reliance on statements and representations heretofore made by the licensee designated below; a license is hereby issued authorizing such licensee to transfer, receive, possess and use the radioactive material(s) designated below; and to use such radioactive material(s) for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations, and orders now or hereafter in effect of the Colorado Department of Public Health and Environment and to any conditions specified below.

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1. **Licensee:** Colorado School of Mines Research Institute
  2. **Address:** 1500 Illinois St., Golden, Colorado 80401-1887
  3. **License Number** Colo. 617-01, Amendment Number 07
  4. **Expiration date:** February 28, 2011
  5. **Reference Number:** Fee Category: 14.A
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6. **Authorized Radioactive Material and Uses:**

- A. The licensee is authorized to possess, store, and transfer naturally occurring, source and byproduct radionuclides in soil, ore and process residues.
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**CONDITIONS**

7. Radioactive material shall be stored at and contiguous to West 12<sup>th</sup> Street, Golden, Colorado, including the clay pits (described as a parcel of land in former Block 20, Mineral Land Company's Addition to the City of Golden, Colorado, Jefferson County, more particularly described as beginning at the intersection of 12th and Maples Streets of said City of Golden, then S54°33'55"W along the centerline of said 12th Street 696.06 feet to a point, thence S44°29'54"E 233.47 feet to the true point of beginning, then N60°08'35"E 10.0 feet to a point, thence S29°51'25"E 73.65 feet to a point, thence S60°08'35"W 20.0 feet to a point, thence N29°51'25"W 73.65 feet to a point, thence N60°08'35"E 10.0 feet to the true point of beginning, containing 0.034 acres more or less), pending decommissioning and disposal activities approved by the Department:
8. The licensee shall comply with the provisions of the State of Colorado *Rules and Regulations Pertaining to Radiation Control*: Part 3, "Licensing of Radioactive Material"; Part 4, "Standards for Protection Against Radiation"; and Part 10, "Notices, Instructions and Reports to Workers; Inspections."

**RADIOACTIVE MATERIALS LICENSE**

9. Radioactive material shall be stored under the supervision of Linn Havelick.
10. The designated Radiation Safety Officer is Linn Havelick.
11. Radioactive material authorized by License Condition 6 of this license shall be stored in a manner that will preclude use by unauthorized personnel.
12. The licensee shall provide the Department, on or before May 1, 2007, a complete and Department-approved site characterization report, a final decommissioning plan based on the site-characterization report, and a schedule of decommissioning implementation. The plan shall include all information required pursuant to RH 3.16.4.3.1 through 3.16.4.3.6 of the State of Colorado *Rules and Regulations Pertaining to Radiation Control*, and shall explicitly detail how remediation and decommissioning will be performed and monitored.
13. The licensee shall maintain a Department-approved financial assurance arrangement in accordance with RH 3.9.5 of the State of Colorado *Rules and Regulation Pertaining to Radiation Control*. An enforceable financial instrument must be provided by which CDPHE shall access Colorado School of Mines account number 53410-9014-3200 and/or other financial assets necessary to complete decommissioning. This financial instrument shall be submitted to the Department within sixty days of issuance of this license, and provide surety in an amount not less than \$2,780,000.00.
14. The licensee shall not transfer possession or control of materials or products containing radioactive material as a contaminant except:
  - A. By transfer to an specifically licensed recipient pursuant to the requirements of RH 3.22.2; or
  - B. By transfer to an authorized recipient as provided by specific condition of this license.
15. The State of Colorado *Rules and Regulations Pertaining to Radiation Control* shall govern unless the licensee's statements, representations, and procedures contained in the application and correspondence are more restrictive than the Regulations. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material described in Item 6 of this license in accordance with the statements, representations, and procedures, as approved in writing by the Division, contained in the license application dated February 24, 2006.

**For The Colorado Department of Public Health and Environment**

Date:

12/15/06

By:

