NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

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MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee	
1. Trace Analytical Laboratories, Inc.	
2. 2241 Black Creek Road Muskegon, MI 49444	3. License number 21-32679-01
	4. Expiration date April 30, 2018
	5. Docket No. 030-37603 Reference No.

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Any byproduct material with atomic numbers 3 through 96.	A. Analytical samples	A. 10 millicuries

9. Authorized Use:

A. For use in soil, water, and air samples to be analyzed for non-radiological purposes.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 2241 Black Creek Road, Muskegon, Michigan.

11. A. Licensed materials shall be used by, or under the supervision of R. Bruce Pelletier and Jon Mink.

    B. The Radiation Safety Officer for this license is R. Bruce Pelletier.

12. Licensed material shall not be used in or on humans except as provided otherwise by specific condition of this license.

13. The licensee shall not use licensed material in field applications where activity is release except as provided otherwise by specific condition of this license.

14. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

15. In addition to the possession limits in item 8, the licensee shall further restrict the possession of licensed material so that at no time is a quantity of radioactive material possessed in excess of a quantity that requires decommissioning funding in accordance with 10 CFR 30.35 (d), 10 CFR 40.36(b), or 10 CFR 70.25(d).

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
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16. The licensee is authorized to hold radioactive material with a physical half-life of 120 days or less for decay-in-storage before disposal in ordinary trash provided:

    A. Before disposal as ordinary trash, byproduct material shall be surveyed at the container surface with the appropriate survey meter set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.

    B. A record of each disposal permitted under this License Condition shall be retained for three years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.

17. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commissions's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

    A. Application dated December 27, 2007; and

    B. Facsimile dated March 6, 2008.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JUL 17 2008

By Toye L. Simmons

Toye L. Simmons
Materials Licensing Branch
Region III