

## Livingston County Road Commission

3535 Grand Oaks Drive • Howell, Michigan 48843-8575  
Telephone: (517) 546-4250 • Facsimile: (517) 546-9628  
Internet Address: www.livingstonroads.org

December 29, 2014

Materials Licensing Section  
U.S. Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

Re: Request to Terminate Materials License #21-20064-01

To Whom it May Concern,

The Livingston County Road Commission has transferred ownership of the two nuclear density gauges to Troxler Electronic Laboratories and no longer has radioactive materials on the premises of 3535 Grand Oaks Drive, Howell MI 48843.

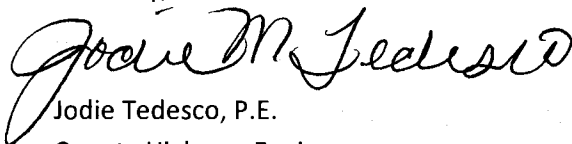
Enclosed is the following:

NRC Form 314 Certificate of Disposition of Materials  
Leak Test Certificates for both Nuclear Density Guages, Troxler Model Numbers 3440 & 3411  
Troxler Electronic Laboratories acknowledgement of receipt and transfer of ownership letter.

Please terminate the Livingston County Road Commission's Material License # 21-20064-01

If you have any questions regarding this request, please contact me.

Sincerely,



Jodie Tedesco, P.E.  
County Highway Engineer  
Radiation Safety Officer

Cc: M.Craine, Managing Director

RECEIVED DEC 31 2014



### CERTIFICATE OF DISPOSITION OF MATERIALS

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE NAME AND ADDRESS

Livingston County Road Commission  
3535 Grand Oaks Drive  
Howell, MI 48843

LICENSE NUMBER

21-20064-01

DOCKET NUMBER

030-17920

LICENSE EXPIRATION DATE

May 31, 2022

**A. LICENSE STATUS (Check the appropriate box)**

- This license has expired.  This license has not yet expired; please terminate it.

**B. DISPOSAL OF RADIOACTIVE MATERIAL**

*(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)*

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.
  - a. Transfer of radioactive materials to the licensee listed below:
  - b. Disposal of radioactive materials:
    - 1. Directly by the licensee:
    - 2. By licensed disposal site: Troxler Electronic Laboratories  
3008 Cornwallis Road  
Research Triangle Park, NC 27709
    - 3. By waste contractor:
  - c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

**C. SURVEYS PERFORMED AND REPORTED**

- 1. A radiation survey was conducted by the licensee. The survey confirms:
  - a. the absence of licensed radioactive materials
  - b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- 2. A copy of the radiation survey results:
  - a. is attached; or  b. is not attached (Provide explanation); or  c. was forwarded to NRC on: \_\_\_\_\_ Date
- 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
  - a. The results of the latest leak test are attached; and/or
  - b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME	TITLE	TELEPHONE (include Area Code)	E-MAIL ADDRESS
Jodie Tedesco	County Hwy Engineer	517-546-4250	jtedesco@livingstonroads.org

Mail all future correspondence regarding this license to:

Livingston County Road Commission, 3535 Grand Oaks Drive, Howell, MI 48843

**C. CERTIFYING OFFICIAL**  
I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE	SIGNATURE	DATE
Jodie Tedesco, P.E. County Highway Engineer	<i>Jodie M Tedesco</i>	12/29/30

**WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.**



**Troxler Electronic Laboratories, Inc.**

3008 Cornwallis Rd., P.O. Box 12057

Research Triangle Park, NC 27709

Tel: (877) 876-9537 Fax: (866) 391-2759

License: NC 032-0182-1

J TEDESCO  
LIVINGSTON COUNTY ROAD CO  
3535 GRAND OAKS DR.  
HOWELL, MI 48843

Cust ID: 978

**LEAK TEST CERTIFICATE**

**DEVICE:**

**Model:** 3440

**Serial No:** 16918

**SEALED SOURCES:**

Serial No.	Measure Date	Nuclide	GBq	mCi
50-6087	01/05/1989	Cs-137	0.296	8
47-12341	01/05/1989	Am-241:Be	1.48	40

**LEAK TEST ANALYSIS:**

**Sample collected on:** 10/23/2014

**Sample analyzed on:** 10/30/2014 11:00:50 A **Position:** 24

**Analyzed by:** VAL S

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.24E+01	1.98E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	30
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	3.8E-01	1.3E+00

**This certifies that the leak test results are:**

- Less than 185 Bq (0.005 uCi)**       **Greater than 185 Bq (0.005 uCi)**



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LIVINGSTON COUNTY ROAD CO  
3535 GRAND OAKS DR.  
HOWELL, MI 48843

Cust ID: 978

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**LEAK TEST CERTIFICATE**

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**DEVICE:**

**Model:** 3411

**Serial No:** 7719

**SEALED SOURCES:**

Serial No.	Measure Date	Nuclide	GBq	mCi
47-4015	06/12/1980	Am-241:Be	1.48	40
40-4932	09/22/1980	Cs-137	0.296	8

**LEAK TEST ANALYSIS:**

**Sample collected on:** 10/23/2014

**Sample analyzed on:** 10/30/2014 11:02:03 A **Position:** 25

**Analyzed by:** VAL S

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.24E+01	1.98E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	19
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	3.8E-01	1.3E+00

**This certifies that the leak test results are:**

**Less than 185 Bq (0.005 uCi)**

**Greater than 185 Bq (0.005 uCi)**



**Troxler Electronic Laboratories, Inc. - Troxler International, Ltd.**  
3008 Cornwallis Road, P.O. Box 12057, Research Triangle Park, NC 27709 - USA  
Telephone: 919/549-8661 Telefax: 919/549/0761

December 16, 2014

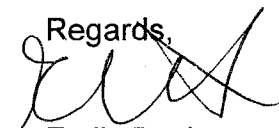
Livingston County Road Commission  
Attn: Michael Craine  
3535 Grand Oaks Drive  
Howell, MI 48843

Attn: Michael Craine

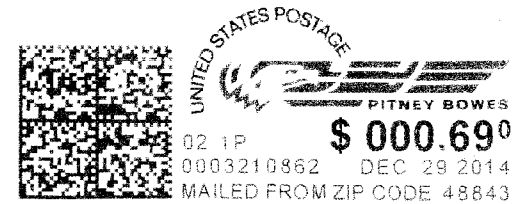
This is to acknowledge receipt and transfer of ownership of the nuclear gauge(s) listed below, and the radioactive sources contained therein, to Troxler under North Carolina Radioactive Material License #032-0182-1. You should retain this letter in your files for future reference.

Date Received: 12-11-14

Job Number	Model	Serial Number
36256	3440	16918
36257	3411	7719

Regards,  
  
Emily Davis  
Service/Repair Department  
Troxler Electronics

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