

# Foxfire Consultants, Inc.

PO Box 1778  
Gilbert, WV 25621  
304-784-1157

January 23, 2015

J6

03031598

REC'D IN LAT 02-02-15 10:07:17

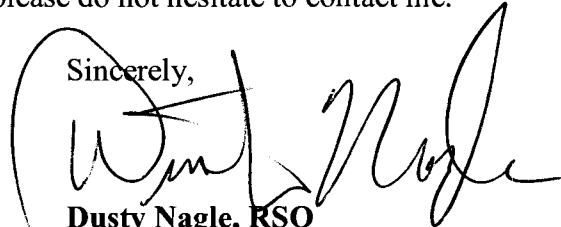
**Mr. Dennis Lawyer**  
Health Physicist  
U.S. Nuclear Regulatory Commission, Region 1  
Division of Nuclear Material Safety  
2100 Renaissance Blvd., Suite 100  
King of Prussia, Pennsylvania 19406-2713

**Mr. Lawyer,**

As per our conversation on January 21, 2015, pertaining to License Amendment 47-23771-01, please find the attached PDF document showing leak test results for the time that the gauges were in storage at the County Route 80 location and also results for the 9804 Route 52 location.

If I can be of further assistance on this matter, please do not hesitate to contact me.

Sincerely,



**Dusty Nagle, RSO**  
*Foxfire Consultants, Inc.*

REC'D IN LAT 2-02-15

585716  
NMSS/RGN1 MATERIALS-002



**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

PHYLLIS FERRELL  
FOXFIRE CONSULTANTS  
PO BOX 1778  
GILBERT, WV 25621

Cust ID: 4444

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**LEAK TEST CERTIFICATE**

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**DEVICE:**

**Model:** 3500      **Serial No:** 1085

**LEAK TEST ANALYSIS:**

**Sample collected on:** 07/01/2013  
**Sample analyzed on:** 07/17/2013 9:01:28 AM      **Position:** 12  
**Analyzed by:** NL

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	22
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	4.2E-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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**LEAK TEST CERTIFICATE**

**DEVICE:**

**Model:** 3411      **Serial No:** 10793

**SEALED SOURCES:**

Serial No.	Measure Date	Nuclide	GBq	mCi
40-8479	05/02/1984	Cs-137	0.296	8
47-6188	03/09/1984	Am-241:Be	1.48	40

**LEAK TEST ANALYSIS:**

**Sample collected on:** 07/01/2013  
**Sample analyzed on:** 07/17/2013 9:02:40 AM      **Position:** 13  
**Analyzed by:** NL

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	34
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	4.2E-01	1.3E+00

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

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Cust ID: 4444

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### LEAK TEST CERTIFICATE

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**DEVICE:**

**Model:** 3500      **Serial No:** 1392

**LEAK TEST ANALYSIS:**

**Sample collected on:** 07/01/2013  
**Sample analyzed on:** 07/17/2013 9:00:15 AM      **Position:** 11  
**Analyzed by:** NL

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	1	32
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	4.2E-01	1.3E+00

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

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JIMMY LESTER  
FOX FIRE CONSULTANTS  
PO BOX 1778  
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Cust ID: 4444

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**LEAK TEST CERTIFICATE**

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**DEVICE:**

**Model:** 3500                      **Serial No:** 1392

**LEAK TEST ANALYSIS:**

**Sample collected on:** 07/01/2012

**Sample analyzed on:** 08/14/2012 2:08:14 PM    **Position:** 18

**Analyzed by:** drose

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.27E+01	1.99E+01
Background measurement (cpm)	1	27
Sample measurement (cpm)	3	21
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.3E-01	1.4E+00

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

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



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Cust ID: 4444

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**LEAK TEST CERTIFICATE**

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**DEVICE:**

**Model:** 3500      **Serial No:** 1085

**LEAK TEST ANALYSIS:**

**Sample collected on:** 07/01/2012  
**Sample analyzed on:** 08/14/2012 2:07:01 PM      **Position:** 17  
**Analyzed by:** drose

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.27E+01	1.99E+01
Background measurement (cpm)	1	27
Sample measurement (cpm)	0	30
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.3E-01	1.4E+00

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**SEALED SOURCES:**

Serial No.	Measure Date	Nuclide	GBq	mCi
47-6188	03/09/1984	Am-241:Be	1.48	40
40-8479	05/02/1984	Cs-137	0.296	8

**LEAK TEST ANALYSIS:**

**Sample collected on:** 07/01/2012

**Sample analyzed on:** 08/14/2012 2:09:26 PM **Position:** 19

**Analyzed by:** drose

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.27E+01	1.99E+01
Background measurement (cpm)	1	27
Sample measurement (cpm)	1	29
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.3E-01	1.4E+00

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