



February 9, 2017

Dennis Lawyer  
Licensing Assistance Team  
US Nuclear Regulatory Commission Region I  
2100 Renaissance Boulevard, Suite 100  
King of Prussia, PA 19406-2713

Subject: Puerto Rico Asphalt, LLC, Request for Additional Information  
Concerning Application for a License Amendment, Control 592572, Docket No.  
03019320, Lic. No. 52-19845-01

Dear Mr. Lawyer,

Following are the answers to your information request on your email dated  
January 5, 2017:

1. Please confirm that the sale of Betterroads Asphalt, LLC transpired on  
September 23, 2016, and the name of business has changed to Puerto Rico  
Asphalt, LLC on that date.

This is to confirm that the sale of Betterroads Asphalt occurred on  
September 23, 2016.

2. Please provide the current contact information for the Radiation Safety  
Officer (telephone, fax, email address) as it may have changed with the transfer  
of ownership.

The RSO will continue to be Miguel Angel Gregori Quiles as specified in  
Amendment No. 13 of License number 52-19845-01 of Betterroads Asphalt  
Corporation dated October 5, 2016. The RSO contact information is as  
follows:

Miguel Angel Gregori Quiles

Mobile Phone: [REDACTED]

Office: (787) 710-2525 Ext. 213

Email: mgregori@emdi.net

FAX #: 1-844-710-2525

PERSONAL INFORMATION WAS REMOVED  
BY NRC. NO COPY OF THIS INFORMATION  
WAS RETAINED BY THE NRC.

3. Based on your letter, it appears that one facility needs to be removed from  
the license. In order to remove this facility from your license, in accordance with  
NUREG-1757, Volume 1, please submit the last leak test of all gauges that were  
stored in the facility located at Plant No. 1, St. Rd. 845 Km 1.6, Cupey Bajo, Rio

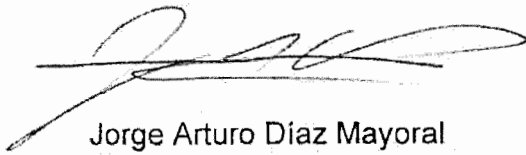
REC'D IN LAT 2-13-17

NUREG-1757, VOLUME 1

Piedras, Puerto Rico. Alternately, you may state that no sources have leaked under licensed operations.

Attached are all the leak test reports for all of the nuclear gauges we possess.

Sincerely,

A handwritten signature in black ink, appearing to read 'JAM', with a long horizontal stroke extending to the left.

Jorge Arturo Díaz Mayoral  
President Puerto Rico Asphalt, LLC

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Leak Test Record  
NRC License 52-25430-01

Leak Tested For:	Puerto Rico Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST traceable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	14-Dec-16	
Decay Activity uCi (from decay chart):	1.11227	0.05466
Standard (dpm):	2469239.4	121345.2
Instrument used to count wipe sample:	Beckman Gamma	
Instrument Model Number:	5500	
Instrument Serial Number:	8044788	
NIST Traceable Standard (cpm)	634740	35804
Counting Efficiency:	0.26	0.30
Counting Efficiency in percentage (%):	25.71	29.51
Counting time (minutes)	1	1
Background (cpm)	73	73
Minimum Detectable Activity:	2.117E-05	1.845E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.  
 Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

		Gamma	
Source ID and Serial Number	Wipe Test	Sample Activity	Sample Activity
Am-241 & Cs-137 SnMD30801650	70	0.00012	0.00011

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
 David Rhoe Health/Medical Physicist

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Leak Test Record  
NRC License 52-25430-01

Leak Tested For:	Puerto Rico Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST tracable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	14-Dec-16	
Decay Activity uCi (from decay chart):	1.11227	0.05466
Standard (dpm):	2469239.4	121345.2
Instrument used to count wipe sample:	Beckman Gamma	
Instrument Model Number:	5500	
Instrument Serial Number:	8044788	
NIST Traceable Standard (cpm)	634740	35804
Counting Efficiency:	0.26	0.30
Counting Efficiency in percentage (%):	25.71	29.51
Counting time (minutes)	1	1
Background (cpm)	73	73
Minimum Detectable Activity:	2.117E-05	1.845E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.  
 Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Sample Activity	Gamma Sample Activity
Am-241 & Cs-137 SnM35116370	64	0.00011	0.00010

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
 David Rhoe Health/Medical Physicist

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Leak Test Record  
NRC License 52-25430-01

Leak Tested For:	Puerto Rico Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST tracable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	14-Dec-16	
Decay Activity uCi (from decay chart):	1.11227	0.05466
Standard (dpm):	2469239.4	121345.2
Instrument used to count wipe sample:	Beckman Gamma	
Instrument Model Number:	5500	
Instrument Serial Number:	8044788	
NIST Traceable Standard (cpm)	634740	35804
Counting Efficiency:	0.26	0.30
Counting Efficiency in percentage (%):	25.71	29.51
Counting time (minutes)	1	1
Background (cpm)	73	73
Minimum Detectable Activity:	2.117E-05	1.845E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.  
 Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Gamma	
		Sample Activity	Sample Activity
Am-241 & Cs-137 SnM380709094	92	0.00016	0.00014

This test reveals that 0.005 microcuries or less was present as removable contamination.  
 Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
 David Rhoe Health/Medical Physicist

Leak Test Record  
NRC License 52-25430-01

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Leak Tested For:	Puerto Rico Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST traceable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	14-Dec-16	
Decay Activity uCi (from decay chart):	1.11227	0.05466
Standard (dpm):	2469239.4	121345.2
Instrument used to count wipe sample:	Beckman Gamma	
Instrument Model Number:	5500	
Instrument Serial Number:	8044788	
NIST Traceable Standard (cpm)	634740	35804
Counting Efficiency:	0.26	0.30
Counting Efficiency in percentage (%):	25.71	29.51
Counting time (minutes)	1	1
Background (cpm)	73	73
Minimum Detectable Activity:	2.117E-05	1.845E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.  
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Gamma	
		Sample Activity	Sample Activity
Am-241 & Cs-137 SnM391209370	73	0.00013	0.00011

This test reveals that 0.005 microcuries or less was present as removable contamination.  
Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
David Rhoe Health/Medical Physicist

Leak Test Record  
NRC License 52-25430-01

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Leak Tested For:	Puerto Rico Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST tracable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	14-Dec-16	
Decay Activity uCi (from decay chart):	1.11227	0.05466
Standard (dpm):	2469239.4	121345.2
Instrument used to count wipe sample:	Beckman Gamma	
Instrument Model Number:	5500	
Instrument Serial Number:	8044788	
NIST Traceable Standard (cpm)	634740	35804
Counting Efficiency:	0.26	0.30
Counting Efficiency in percentage (%):	25.71	29.51
Counting time (minutes)	1	1
Background (cpm)	73	73
Minimum Detectable Activity:	2.117E-05	1.845E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.  
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Gamma	
		Sample Activity	Sample Activity
Am-241 & Cs-137 SnM380709095	88	0.00015	0.00013

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
David Rhoe Health/Medical Physicist

Leak Test Record  
NRC License 52-25430-01

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Leak Tested For:	Puerto Rico Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST tracable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	14-Dec-16	
Decay Activity uCi (from decay chart):	1.11227	0.05466
Standard (dpm):	2469239.4	121345.2
Instrument used to count wipe sample:	Beckman Gamma	
Instrument Model Number:	5500	
Instrument Serial Number:	8044788	
NIST Traceable Standard (cpm)	634740	35804
Counting Efficiency:	0.26	0.30
Counting Efficiency in percentage (%):	25.71	29.51
Counting time (minutes)	1	1
Background (cpm)	73	73
Minimum Detectable Activity:	2.117E-05	1.845E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.  
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Sample Activity	Gamma Sample Activity
Am-241 & Cs-137 SnM391005340	75	0.00013	0.00011

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
David Rhoe Health/Medical Physicist



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Leak Test Record  
NRC License 52-25430-01

Leak Tested For:	Puerto Rico Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST traceable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	14-Dec-16	
Decay Activity uCi (from decay chart):	1.11227	0.05466
Standard (dpm):	2469239.4	121345.2
Instrument used to count wipe sample:	Beckman Gamma	
Instrument Model Number:	5500	
Instrument Serial Number:	8044788	
NIST Traceable Standard (cpm)	634740	35804
Counting Efficiency:	0.26	0.30
Counting Efficiency in percentage (%):	25.71	29.51
Counting time (minutes)	1	1
Background (cpm)	73	73
Minimum Detectable Activity:	2.117E-05	1.845E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.

Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Sample Activity	Gamma Sample Activity
Am-241 & Cs-137 SnMD31201789	65	0.00011	0.00010

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
 David Rhoe Health/Medical Physicist

Leak Test Record  
NRC License 52-25430-01

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Leak Tested For:	Puerto Rico Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST tracable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	14-Dec-16	
Decay Activity uCi (from decay chart):	1.11227	0.05466
Standard (dpm):	2469239.4	121345.2
Instrument used to count wipe sample:	Beckman Gamma	
Instrument Model Number:	5500	
Instrument Serial Number:	8044788	
NIST Traceable Standard (cpm)	634740	35804
Counting Efficiency:	0.26	0.30
Counting Efficiency in percentage (%):	25.71	29.51
Counting time (minutes)	1	1
Background (cpm)	73	73
Minimum Detectable Activity:	2.117E-05	1.845E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.  
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Sample Activity	Gamma Sample Activity
Am-241 & Cs-137 SnMD40201877	67	0.00012	0.00010

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
David Rhoe Health/Medical Physicist

Leak Test Record  
NRC License 52-25430-01

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Leak Tested For:	Puerto Rico Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST tracable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	14-Dec-16	
Decay Activity uCi (from decay chart):	1.11227	0.05466
Standard (dpm):	2469239.4	121345.2
Instrument used to count wipe sample:	Beckman Gamma	
Instrument Model Number:	5500	
Instrument Serial Number:	8044788	
NIST Traceable Standard (cpm)	634740	35804
Counting Efficiency:	0.26	0.30
Counting Efficiency in percentage (%):	25.71	29.51
Counting time (minutes)	1	1
Background (cpm)	73	73
Minimum Detectable Activity:	2.117E-05	1.845E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.  
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Gamma	
		Sample Activity	Sample Activity
Am-241 & Cs-137 SnMD20801004	67	0.00012	0.00010

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
David Rhoe Health/Medical Physicist

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Leak Test Record  
NRC License 52-25430-01

Leak Tested For:	Puerto Rico Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST traceable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	14-Dec-16	
Decay Activity uCi (from decay chart):	1.11227	0.05466
Standard (dpm):	2469239.4	121345.2
Instrument used to count wipe sample:	Beckman Gamma	
Instrument Model Number:	5500	
Instrument Serial Number:	8044788	
NIST Traceable Standard (cpm)	634740	35804
Counting Efficiency:	0.26	0.30
Counting Efficiency in percentage (%):	25.71	29.51
Counting time (minutes)	1	1
Background (cpm)	73	73
Minimum Detectable Activity:	2.117E-05	1.845E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.  
 Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Sample Activity	Gamma Sample Activity
Am-241 & Cs-137 SnMD40301931	71	0.00012	0.00011

This test reveals that 0.005 microcuries or less was present as removable contamination.  
 Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
 David Rhoe Health/Medical Physicist

Leak Test Record  
NRC License 52-25430-01

Leak Tested For:	Puerto Rico Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST tracable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	14-Dec-16	
Decay Activity uCi (from decay chart):	1.11227	0.05466
Standard (dpm):	2469239.4	121345.2
Instrument used to count wipe sample:	Beckman Gamma	
Instrument Model Number:	5500	
Instrument Serial Number:	8044788	
NIST Traceable Standard (cpm)	634740	35804
Counting Efficiency:	0.26	0.30
Counting Efficiency in percentage (%):	25.71	29.51
Counting time (minutes)	1	1
Background (cpm)	73	73
Minimum Detectable Activity:	2.117E-05	1.845E-05

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Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.  
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Gamma Sample Activity	Sample Activity
Am-241 & Cs-137 SnM331207247	67	0.00012	0.00010

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
David Rhoe Health/Medical Physicist

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Leak Test Record  
NRC License 52-25430-01

Leak Tested For:	Puerto Rico Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST tracable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	14-Dec-16	
Decay Activity uCi (from decay chart):	1.11227	0.05466
Standard (dpm):	2469239.4	121345.2
Instrument used to count wipe sample:	Beckman Gamma	
Instrument Model Number:	5500	
Instrument Serial Number:	8044788	
NIST Traceable Standard (cpm)	634740	35804
Counting Efficiency:	0.26	0.30
Counting Efficiency in percentage (%):	25.71	29.51
Counting time (minutes)	1	1
Background (cpm)	73	73
Minimum Detectable Activity:	2.117E-05	1.845E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.  
 Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Gamma	
		Sample Activity	Sample Activity
Am-241 & Cs-137 SnM331007182	69	0.00012	0.00011

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
 David Rhoe Health/Medical Physicist

Leak Test Record  
NRC License 52-25430-01

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Leak Tested For:	Puerto Rico Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST tracable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	14-Dec-16	
Decay Activity uCi (from decay chart):	1.11227	0.05466
Standard (dpm):	2469239.4	121345.2
Instrument used to count wipe sample:	Beckman Gamma	
Instrument Model Number:	5600	
Instrument Serial Number:	8044788	
NIST Traceable Standard (cpm)	634740	35804
Counting Efficiency:	0.26	0.30
Counting Efficiency in percentage (%):	25.71	29.51
Counting time (minutes)	1	1
Background (cpm)	73	73
Minimum Detectable Activity:	2.117E-05	1.845E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.  
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Gamma	
		Sample Activity	Sample Activity
Am-241 & Cs-137 MC-3 Sn30289	69	0.00012	0.00011

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
David Rhoe Health/Medical Physicist

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Leak Test Record  
NRC License 52-25430-01

Leak Tested For: Puerto Rico Asphalt  
Leak Tested By: David Rhoe

Standard Source (NIST traceable): Am-241 Cs-137 NES-139S  
Standard Activity (uCi): 1.145 0.105  
Standard Date: 15-Nov-98 09-Sep-88

Date of the Leak Test: 14-Dec-16  
Decay Activity uCi (from decay chart): 1.11227 0.05466  
Standard (dpm): 2469239.4 121345.2

Instrument used to count wipe sample: Beckman Gamma  
Instrument Model Number: 5500  
Instrument Serial Number: 8044788

NIST Traceable Standard (cpm) 634740 35804  
Counting Efficiency: 0.26 0.30  
Counting Efficiency in percentage (%): 25.71 29.51  
Counting time (minutes) 1 1  
Background (cpm) 73 73  
Minimum Detectable Activity: 2.117E-05 1.845E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.  
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Sample Activity	Gamma Sample Activity
Am-241 & Cs-137 MC-3 Sn10305	80	0.00014	0.00012

This test reveals that 0.005 microcuries or less was present as removable contamination.  
Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
David Rhoe Health/Medical Physicist



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Leak Test Record  
NRC License 52-25430-01

Leak Tested For:	Puerto Rico Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST tracable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date:	15-Nov-98	09-Sep-88
Date of the Leak Test:	26-Jan-17	
Decay Activity uCi (from decay chart):	1.11206	0.05451
Standard (dpm):	2468773.2	121012.2
Instrument used to count wipe sample:	Beckman Gamma	
Instrument Model Number:	5500	
Instrument Serial Number:	8044788	
NIST Traceable Standard (cpm)	636818	36244
Counting Efficiency:	0.26	0.30
Counting Efficiency in percentage (%):	25.79	29.95
Counting time (minutes)	1	1
Background (cpm)	74	74
Minimum Detectable Activity:	2.124E-05	1.830E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.  
 Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Gamma	
		Sample Activity	Sample Activity
Am-241 & Cs-137 MC-3 Sn30324	82	0.00014	0.00012

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.

  
 David Rhoe Health/Medical Physicist