

Applied Health Physics, LLC

2986 Industrial Blvd., Bethel Park, Pa 15102 Phone: (412) 835-9555 Fax: (412) 835-9559
E-Mail address: kmobley.ahp@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

Mark V Leak Test Certificate

This certificate shall not be reproduced except in full, without the written approval of Applied Health Physics.

Device Information

Device Serial Number:	13642	Source Serial Number:	50-2404 / 47-8959		
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham		
Device Model:	3411B	Source Model:	102112 / 102451		
Device Type:	Gauge	Make:	Moisture/Density	Location:	Zell lab
Radioisotope:	Cs 137 / Am 241Be	Activity:	8 / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	1/23/2012
Leak Test Specimen Number:	A-033493	Leak Test Analysis Date:	1/24/2012
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

Client Information

Jeff Zell Consultants, Inc.	Contact:	John Sakson
1031 4th Avenue	Phone:	(412) 262-2022
	Contact:	jsakson@jeffzell.com
	Phone:	(412) 262-1979
Coraopolis	PA	15108

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Next LT Due 7/23/2012

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Device Information

Device Serial Number:	7557	Source Serial Number:	CC-4752/CAA-3845		
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham		
Device Model:	3411-B	Source Model:	102112/102451		
Device Type:	Gauge	Make:	Moisture/Density	Location:	Zell lab
Radioisotope:	Cs 137 / Am 241Be	Activity:	8 / 40 mCi		

Leak Test Information

Leak Test Performed by:	Mark Williams	Leak Test Performed on:	2/9/2006
Leak Test Specimen Number:	A-021225	Leak Test Analysis Date:	3/13/2006
Leak Test Analysis Performed by:	A. Hull		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

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Device Information

Device Serial Number:	17759	Source Serial Number:	50-7256 / 47-13195		
Device Manufacturer:	Troxler	Source Manufacturer:	Troxler		
Device Model:	3411B	Source Model:	102112 / 102454		
Device Type:	Gauge	Make:	Moisture/Density	Location:	
Radioisotope:	Cs-137 / Am-241Be	Activity:	8 / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/3/2016
Leak Test Specimen Number:	A-042492	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

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Device Information

Device Serial Number:	5375	Source Serial Number:	9706CM / NJ05682		
Device Manufacturer:	Humboldt	Source Manufacturer:	Humboldt		
Device Model:	5001EZ	Source Model:	5001EZ		
Device Type:	Gauge	Make:	Moisture Density	Location:	
Radioisotope:	Cs-137 / Am-241	Activity:	10 / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/3/2016
Leak Test Specimen Number:	A-042437	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

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Device Information

Device Serial Number:	5440	Source Serial Number:	2364CN / NJ05872
Device Manufacturer:	Humboldt	Source Manufacturer:	
Device Model:	5001	Source Model:	
Device Type: Other	Make: Moisture / Density	Location:	
Radioisotope: Cs-137 / Am-241Be	Activity: 10 / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/6/2016
Leak Test Specimen Number:	A-042458	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

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Device Information

Device Serial Number:	8050	Source Serial Number:	CC-5274/CAA-4431		
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham		
Device Model:	3411-B	Source Model:	102112/102451		
Device Type:	Gauge	Make:	Moisture Density	Location:	Zell lab
Radioisotope:	Cs-137/Am241Be	Activity:	8/40mCi		

Leak Test Information

Leak Test Performed by:	Mark Williams	Leak Test Performed on:	2/9/2006
Leak Test Specimen Number:	A-021196	Leak Test Analysis Date:	3/13/2006
Leak Test Analysis Performed by:	A. Hull		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

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Device Information

Device Serial Number:	6888	Source Serial Number:	CC-4005/CCA-3100		
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham		
Device Model:	3411B	Source Model:	102172/102451		
Device Type:	Gauge	Make:	Moisture/Density	Location:	Zell lab
Radioisotope:	Cs 137 / Am241Be	Activity:	8/40mCi		

Leak Test Information

Leak Test Performed by:	Mark Williams	Leak Test Performed on:	2/9/2006
Leak Test Specimen Number:	A-021243	Leak Test Analysis Date:	3/13/2006
Leak Test Analysis Performed by:	A. Hull		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

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Device Information

Device Serial Number:	5438	Source Serial Number:	2362CM / NJ05870		
Device Manufacturer:	Humboldt	Source Manufacturer:	Humboldt		
Device Model:	5001EZ	Source Model:	5001EZ		
Device Type:	Gauge	Make:	Moisture Density	Location:	
Radioisotope:	Cs-137 / Am-241Be	Activity:	10 / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/7/2016
Leak Test Specimen Number:	A-042111	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

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Device Information

Device Serial Number:	17256	Source Serial Number:	50-6567 / 47-12678
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham
Device Model:	3440	Source Model:	102112 / 102451
Device Type: Gauge	Make:	Location:	
Radioisotope: Cs 137/ Am 241 Be	Activity: 8 / 40 mCi		

Leak Test Information

Leak Test Performed by: John Sakson	Leak Test Performed on: 11/3/2016
Leak Test Specimen Number: A-041755	Leak Test Analysis Date: 11/8/2016
Leak Test Analysis Performed by: L. McAllister	
Leak Test Results Indicate an Activity of: < 0.005 uCi	

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	35271	Source Serial Number:	75-6517 / 47-20572
Device Manufacturer:	Troxler	Source Manufacturer:	
Device Model:	3440	Source Model:	
Device Type:	Gauge	Make:	Location:
Radioisotope:	Cs-137	Activity:	8 /40 mCi

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/3/2016
Leak Test Specimen Number:	A-041803	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

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Device Information

Device Serial Number:	24467	Source Serial Number:	75-6517 / 47-20572
Device Manufacturer:	Troxler	Source Manufacturer:	
Device Model:	3440	Source Model:	
Device Type:	Gauge	Make:	Moisture / Density
Radioisotope:	Cs-137 / Am-241Be	Location:	
		Activity:	8 / 40 mCi

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/3/2016
Leak Test Specimen Number:	A-042434	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

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Device Information

Device Serial Number:	10658	Source Serial Number:	40-8104 / 46-2080		
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham		
Device Model:	3411-B	Source Model:			
Device Type:	Gauge	Make:	Moisture/Density	Location:	Zell lab
Radioisotope:	Cs-137 / Am-241 Be	Activity:	8.3 / 40.0		

Leak Test Information

Leak Test Performed by:	Mark Williams	Leak Test Performed on:	2/9/2006
Leak Test Specimen Number:	A-021179	Leak Test Analysis Date:	3/13/2006
Leak Test Analysis Performed by:	A. Hull		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

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Device Information

Device Serial Number:	9954	Source Serial Number:	
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham
Device Model:	3411-B	Source Model:	102112 / 102451
Device Type:	Gauge	Make:	Moisture
		Location:	Zell Lab
Radioisotope:	Cs-137 / Am241 Be	Activity:	8 / 40

Leak Test Information

Leak Test Performed by:	Mark Williams	Leak Test Performed on:	2/9/2006
Leak Test Specimen Number:	A-021479	Leak Test Analysis Date:	3/13/2006
Leak Test Analysis Performed by:	A. Hull		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

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Device Information

Device Serial Number:	11835	Source Serial Number:	40-9323 / 47-7332
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham
Device Model:	3411-B	Source Model:	102112 / 102451
Device Type: Gauge	Make: Moisture	Location:	
Radioisotope: Cs-137 / Am-241 Be	Activity: 8 / 40 mCi		

Leak Test Information

Leak Test Performed by: John Sakson	Leak Test Performed on: 11/3/2016
Leak Test Specimen Number: A-042403	Leak Test Analysis Date: 11/8/2016
Leak Test Analysis Performed by: L. McAllister	
Leak Test Results Indicate an Activity of: < 0.005 uCi	

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Next LT Due 5/3/2017

Applied Health Physics, LLC

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E-Mail address: kmobley.ahp@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

Mark V Leak Test Certificate

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Device Information

Device Serial Number: 5439 Source Serial Number: 2363CN / NJ05871
Device Manufacturer: Humboldt Source Manufacturer:
Device Model: 5001 Source Model:
Device Type: Gauge Make: Moisture / Density Location:
Radioisotope: Cs-137 / Am-241Be Activity: 10 / 40 mCi

Leak Test Information

Leak Test Performed by: John Sakson Leak Test Performed on: 11/3/2016
Leak Test Specimen Number: A-042435 Leak Test Analysis Date: 11/8/2016
Leak Test Analysis Performed by: L. McAllister
Leak Test Results Indicate an Activity of: < 0.005 uCi

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

Client Information

Jeff Zell Consultants, Inc. Contact: John Sakson
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Next LT Due 5/3/2017

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	5267	Source Serial Number:	CC-2312/CAA-1385		
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham		
Device Model:	3411B	Source Model:	102112/102451		
Device Type:	Gauge	Make:	Moisture/Density	Location:	Zell lab
Radioisotope:	Cs 137 / Am241Be	Activity:	8 / 40 mCi		

Leak Test Information

Leak Test Performed by:	Mark Williams	Leak Test Performed on:	2/9/2006
Leak Test Specimen Number:	A-021204	Leak Test Analysis Date:	3/13/2006
Leak Test Analysis Performed by:	A. Hull		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

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Next LT Due 8/9/2006

Applied Health Physics, LLC

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Device Information

Device Serial Number:	15830	Source Serial Number:	50-4854 /4711226		
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham		
Device Model:	3411B	Source Model:	102112/102451		
Device Type:	Gauge	Make:	Moisture/Density	Location:	North Carolina
Radioisotope:	Cs 137 / Am241 Be	Activity:	8 / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Malay	Leak Test Performed on:	6/4/2002
Leak Test Specimen Number:	A15830	Leak Test Analysis Date:	6/10/2002
Leak Test Analysis Performed by:	C. Barto		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

Client Information

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Next LT Due 12/4/2002

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	18540	Source Serial Number:	50-8096 / 47-13996
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham
Device Model:	3440	Source Model:	102112 / 102451
Device Type:	Gauge	Make:	Location:
Radioisotope:	Cs 137 / Am 241 Be	Activity:	8 / 40 mCi

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/3/2016
Leak Test Specimen Number:	A-042467	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

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Client Information

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Next LT Due 5/3/2017

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	18180	Source Serial Number:	4713629/50-7642
Device Manufacturer:	Troxler	Source Manufacturer:	Troxler
Device Model:	3411B	Source Model:	102112/102454
Device Type: Gauge	Make: Moisture/Density	Location:	Zell lab
Radioisotope: Cs-137/Am241:Be	Activity: 8/40 mCi		

Leak Test Information

Leak Test Performed by:	Mark Williams	Leak Test Performed on:	2/9/2006
Leak Test Specimen Number:	A-021231	Leak Test Analysis Date:	3/13/2006
Leak Test Analysis Performed by:	A. Hull		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

Client Information

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Next LT Due 8/9/2006

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	3217	Source Serial Number:	RB-4076
Device Manufacturer:	Troxler	Source Manufacturer:	Troxler
Device Model:	2401	Source Model:	2401
Device Type: Gauge	Make: Density	Location:	Long term storage vault
Radioisotope: Ra-226Be	Activity: 2.1mCi		

Leak Test Information

Leak Test Performed by:	Mark J. Williams	Leak Test Performed on:	6/1/2006
Leak Test Specimen Number:	A-022252	Leak Test Analysis Date:	6/29/2006
Leak Test Analysis Performed by:	J.D Hull		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

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Next LT Due 6/1/2008

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	2959	Source Serial Number:	767GQ/NJ03138		
Device Manufacturer:	Humboldt	Source Manufacturer:	Humbolt		
Device Model:	5001EZ	Source Model:	5001EZ		
Device Type:	Gauge	Make:	Moisture Density	Location:	
Radioisotope:	Cs-137 / Am-241Be	Activity:	10 / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/3/2016
Leak Test Specimen Number:	A-041772	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	14256	Source Serial Number:	50-2871 / 47-9417		
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham		
Device Model:	3411-B	Source Model:	102112 / 102451		
Device Type:	Gauge	Make:	Moisture Density	Location:	Zell Lab
Radioisotope:	Cs137 / Am241 Be	Activity:	8 mCi / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	1/23/2012
Leak Test Specimen Number:	A-030262	Leak Test Analysis Date:	1/24/2012
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

Client Information

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Next LT Due 7/23/2012

Applied Health Physics, LLC

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	21037	Source Serial Number:	75-2466 / 47-16508		
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham		
Device Model:	3430A	Source Model:	102112 / 102451		
Device Type:	Gauge	Make:	Moisture / Density	Location:	Zell Lab
Radioisotope:	Cs-137 / Am-241Be	Activity:	8 / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/4/2016
Leak Test Specimen Number:	A-042412	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

Client Information

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	7080	Source Serial Number:	7080		
Device Manufacturer:	Seaman Nuclear	Source Manufacturer:	Seaman Nuclear		
Device Model:	C-75BP	Source Model:	C-75BP		
Device Type:	Gauge	Make:	Density	Location:	Long term storage vault
Radioisotope:	Ra-226Be	Activity:	4.5mCi		

Leak Test Information

Leak Test Performed by:	Mark J. Williams	Leak Test Performed on:	3/23/2000
Leak Test Specimen Number:	A-012258	Leak Test Analysis Date:	3/28/2000
Leak Test Analysis Performed by:	C.B.		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

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Client Information

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Next LT Due 3/23/2003

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	19811	Source Serial Number:	50-9689 / 47-15299		
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham		
Device Model:	Troxler 3430A	Source Model:	102112 / 102451		
Device Type:	Gauge	Make:	Moisture / Density	Location:	
Radioisotope:	Cs-137 / Am-241Be	Activity:	8 / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/3/2016
Leak Test Specimen Number:	A-042400	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

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Next LT Due 5/3/2017

Applied Health Physics, LLC

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Device Information

Device Serial Number:	15993	Source Serial Number:	4711401		
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham		
Device Model:	3411-B	Source Model:	102112 / 102451		
Device Type:	Gauge	Make:	Moisture / Density	Location:	Zell Lab
Radioisotope:	Cs-137 / Am-241Be	Activity:	8 / 40 mCi		

Leak Test Information

Leak Test Performed by:	Mark Williams	Leak Test Performed on:	2/9/2006
Leak Test Specimen Number:	A-021178	Leak Test Analysis Date:	3/13/2006
Leak Test Analysis Performed by:	A. Hull		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

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Next LT Due 8/9/2006

Applied Health Physics, LLC

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	312	Source Serial Number:	312		
Device Manufacturer:	Texas Nuclear	Source Manufacturer:	Nuclear Chicago		
Device Model:	5901	Source Model:	5901		
Device Type:	Gauge	Make:	Density	Location:	Long term storage vault
Radioisotope:	Ra-226Be	Activity:	5mCi		

Leak Test Information

Leak Test Performed by:	Mark J. Williams	Leak Test Performed on:	6/1/2006
Leak Test Specimen Number:	A-022166	Leak Test Analysis Date:	6/29/2006
Leak Test Analysis Performed by:	J.D Hull		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

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Client Information

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1031 4th Avenue	Phone:	(412) 262-2022
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Coraopolis	PA	15108

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Next LT Due 6/1/2008

Applied Health Physics, LLC

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E-Mail address: kmobley.ahp@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

Mark V Leak Test Certificate

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Device Information

Device Serial Number:	3449	Source Serial Number:	8441GQ / NJ03620
Device Manufacturer:	Humboldt	Source Manufacturer:	
Device Model:	5001EZ	Source Model:	
Device Type:	Gauge	Make:	Moisture / Density
		Location:	
Radioisotope:	Cs-137 / Am-241Be	Activity:	10 / 40 mCi

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/3/2016
Leak Test Specimen Number:	A-041761	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

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Client Information

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	Contact:	jsakson@jeffzell.com
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Coraopolis	PA	15108

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Next LT Due 5/3/2017

Applied Health Physics, LLC

2986 Industrial Blvd., Bethel Park, Pa 15102 Phone: (412) 835-9555 Fax: (412) 835-9559
E-Mail address: kmobley.ahp@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

Mark V Leak Test Certificate

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Device Information

Device Serial Number:	20031	Source Serial Number:	75-1265/47-15515
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham
Device Model:	3430A	Source Model:	102112/102451
Device Type: Gauge	Make: Moisture/Density	Location:	
Radioisotope: Cs137 / Am241Be	Activity: 8 / 40 mCi		

Leak Test Information

Leak Test Performed by: John Sakson	Leak Test Performed on: 11/3/2016
Leak Test Specimen Number: A-042411	Leak Test Analysis Date: 11/8/2016
Leak Test Analysis Performed by: L. McAllister	
Leak Test Results Indicate an Activity of: < 0.005 uCi	

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

Client Information

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Next LT Due 5/3/2017

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	14113	Source Serial Number:	50 2712/47 9674		
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham		
Device Model:	3411-B	Source Model:	102112/102451		
Device Type:	Gauge	Make:	Moisture / Density	Location:	Zell lab
Radioisotope:	Cs-137 / Am-241Be	Activity:	8 / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	1/23/2012
Leak Test Specimen Number:	A-033519	Leak Test Analysis Date:	1/24/2012
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

Client Information

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	5257	Source Serial Number:	9335CM / NJ05580
Device Manufacturer:	Humboldt Scientific	Source Manufacturer:	Humbolt
Device Model:	5001EZ	Source Model:	5001EZ
Device Type: Gauge	Make: Moisture / Density	Location:	
Radioisotope: Cs-137 / Am-241Be	Activity: 10 / 40 mCi		

Leak Test Information

Leak Test Performed by: John Sakson	Leak Test Performed on: 11/3/2016
Leak Test Specimen Number: A-042470	Leak Test Analysis Date: 11/8/2016
Leak Test Analysis Performed by: L. McAllister	
Leak Test Results Indicate an Activity of: < 0.005 uCi	

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	H-180	Source Serial Number:	H-180		
Device Manufacturer:	Seaman	Source Manufacturer:	Seaman		
Device Model:	C-200	Source Model:	C-200		
Device Type:	Gauge	Make:	Density	Location:	Lab storage bin
Radioisotope:	Ra 226Be	Activity:	4.5 mCi		

Leak Test Information

Leak Test Performed by:	Mark J. Williams	Leak Test Performed on:	2/14/2000
Leak Test Specimen Number:	A-012084	Leak Test Analysis Date:	2/18/2000
Leak Test Analysis Performed by:	C.R.		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

Client Information

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Next LT Due 8/14/2000

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	4159	Source Serial Number:	1953CX / NJ04454		
Device Manufacturer:	Humboldt	Source Manufacturer:	Humbolt		
Device Model:	5001EZ	Source Model:	5001EZ		
Device Type:	Gauge	Make:	Moisture Density	Location:	
Radioisotope:	Cs-137 / Am-241Be	Activity:	10 / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/3/2016
Leak Test Specimen Number:	A-042308	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

Client Information

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Next LT Due 5/3/2017

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E-Mail address: kmobley.ahp@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

Mark V Leak Test Certificate

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Device Information

Device Serial Number:	66217	Source Serial Number:	77-11576 / 78-7667
Device Manufacturer:	Troxler	Source Manufacturer:	
Device Model:	3440	Source Model:	3440
Device Type: Gauge	Make:	Location:	
Radioisotope: Cs-137 / Am-241Be	Activity: 8 mCi / 40 mCi		

Leak Test Information

Leak Test Performed by: John Sakson	Leak Test Performed on:	11/4/2016
Leak Test Specimen Number: A-042468	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by: L. McAllister		
Leak Test Results Indicate an Activity of: < 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

Client Information

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	66218	Source Serial Number:	77-11577 / 787668
Device Manufacturer:	Troxler	Source Manufacturer:	Troxler
Device Model:	3440	Source Model:	3440
Device Type:	Gauge	Make:	Location:
Radioisotope:	Cs-137 / Am-241Be	Activity:	8 mCi / 40 mCi

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/3/2016
Leak Test Specimen Number:	A-042422	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	5823	Source Serial Number:	5823		
Device Manufacturer:	Troxler	Source Manufacturer:	Amersham		
Device Model:	3411-B	Source Model:	102112/102451		
Device Type:	Gauge	Make:	Moisture/Density	Location:	
Radioisotope:	Cs 137 / Am241Be	Activity:	8 /40 mCi		

Leak Test Information

Leak Test Performed by:	Larry McAllister	Leak Test Performed on:	8/20/1998
Leak Test Specimen Number:	C25791	Leak Test Analysis Date:	8/29/1997
Leak Test Analysis Performed by:	R.B.		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

Client Information

Jeff Zell Consultants, Inc.	Contact:	John Sakson
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Next LT Due 2/27/1998

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	9646	Source Serial Number:	40-6994 / 46-1008		
Device Manufacturer:	Troxler	Source Manufacturer:	Troxler		
Device Model:	3411-B	Source Model:	102112 / 102451		
Device Type:	Gauge	Make:	Moisture density	Location:	Zell lab
Radioisotope:	Cs-137 / Am-241Be	Activity:	8 / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	1/23/2012
Leak Test Specimen Number:	A-030260	Leak Test Analysis Date:	1/24/2012
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

Client Information

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Coraopolis	PA	15108

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	66219	Source Serial Number:	77-11578 / 78-7669
Device Manufacturer:	Troxler	Source Manufacturer:	
Device Model:	3440	Source Model:	
Device Type: Gauge	Make:	Location:	
Radioisotope: Cs-137 / Am-241Be	Activity: 8 mCi /40 mCi		

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/4/2016
Leak Test Specimen Number:	A-042486	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

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Client Information

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Device Information

Device Serial Number:	66220	Source Serial Number:	77-11579 / 78-7670
Device Manufacturer:	Troxler	Source Manufacturer:	
Device Model:	3440	Source Model:	
Device Type:	Gauge	Make:	Location:
Radioisotope:	Cs-137 / Am241Be	Activity:	8 mCi / 40mCi

Leak Test Information

Leak Test Performed by:	John Sakson	Leak Test Performed on:	11/3/2016
Leak Test Specimen Number:	A-042107	Leak Test Analysis Date:	11/8/2016
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

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Device Information

Device Serial Number:	M14105778	Source Serial Number:	C-5778/A5778		
Device Manufacturer:	CPN Corp.	Source Manufacturer:	CPN		
Device Model:	MC-1	Source Model:			
Device Type:	Gauge	Make:	Moisture density	Location:	Zell lab
Radioisotope:	Cs-137/Am241Be	Activity:	10/50mCi		

Leak Test Information

Leak Test Performed by:	Mark Williams	Leak Test Performed on:	2/9/2006
Leak Test Specimen Number:	A-021217	Leak Test Analysis Date:	3/13/2006
Leak Test Analysis Performed by:	A. Hull		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

Analysis of this leak test sample was provided by Applied Health Physics, LLC. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, LLC will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, LLC utilizes the following for leak test (wet-swab) analysis: Model: MARK V Leak Test Kit. Applied Health Physics, LLC utilizes the following instruments for all MARK V Leak Test analysis: Protean Instruments - ASC-950 ; Perkin Elmer - Tri-Carb 2800TR ; Ludlum Measurements - 2200 and Ludlum Measurements - 2929.

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