

LICENSEE NAME AND ADDRESS Rocky Mountain Mobile Pet 418 East College Dr. Cheyenne, WY 82007	LICENSE NUMBER 49-29314-01	DOCKET NUMBER 030-37903
	LICENSE EXPIRATION DATE 03/31/2011	

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:

3. By waste contractor:

Philotechnics
201 Renovara Blvd.
Cal. Bldg. - TN 37000

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.

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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 Lyle Johnson	TITLE President- RSO	TELEPHONE (Include Area Code) (307) 638-6648	E-MAIL ADDRESS RMINUCLEAR@AOK.COM
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Mail all future correspondence regarding this license to:
418 East College Dr. Cheyenne, WY. 82007

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

PRINTED NAME AND TITLE Lyle Johnson - President - RSO	SIGNATURE <i>Lyle Johnson</i>	DATE 9-18-09
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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.

***Sealed Sources Leak Test
Rocky Mountain Mobile PET***

Wipe Date-February 2, 2009	Technologist-Lyle Johnson RT (R)(N)
Assay Date-February 3, 2009	Technologist-Lyle Johnson RT (R)(N)
Calculation Date-February 3, 2009	Technologist-Lyle Johnson, RSO

<u>Source</u>	<u>Serial Number</u>	<u>Original Activity</u>	<u>Cal Date</u>	<u>Results (μCi)</u>
Cs-137	CZ-533	20 mCi	11/1/03	0
Na-22	1268-95-18	100 μCi	6/1/08	1.07 X 10 ⁻⁴

PASS (All limits below 0.005 μCi.)

Action Level: If removable contamination is greater than 0.005 μCi.

Counts obtained by taking 1-minute wipe test using Capintec CRC-15W Serial #171574. Wipe units deviation prior to performing test was 0.2% and energy deviation -0.3%.

RSO



NRC FORM 540 (7-2007)		U.S. NUCLEAR REGULATORY COMMISSION		5. SHIPPER - NAME AND FACILITY		SHIPMENT ID NUMBER		7. FORM 540 AND 540A FORM 541 AND 541A FORM 542 AND 542A							
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		Philotechnics @ Rocky Mountain Mobile PET 418 East College Drive Cheyenne, WY 82007		1132-091909PH		X COLLECTOR		PAGE 1 OF 1 PAGE(S) 1 PAGE(S) 1 PAGE(S) NONE PAGE(S)							
				PROCESSOR		9. CONSIGNEE - Name and Facility Address									
1. EMERGENCY TELEPHONE NUMBER (Include Area Code) 800-424-9300		USER PERMIT NUMBER		SHIPMENT NUMBER		GENERATOR TYPE (Specify)		Philotechnics, Ltd. Operated By Philotechnics, Ltd 201 Renovare Blvd. Oak Ridge, TN 37830							
ORGANIZATION CHEMTREC		CONTACT Lyle Johnson		TELEPHONE NUMBER (Include Area Code) (307) 638-6648		SIGNATURE - Authorized consignee acknowledging waste receipt		10. CERTIFICATION							
2. IS THIS AN "EXCLUSIVE USE" SHIPMENT? [] YES [X] NO		3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST =====> 1		6. CARRIER - Name and Address R & R Trucking 302 Thunder Road Duenweg, MO 64841		EPA I.D. NUMBER MOR000501973		This is to certify that the herein-named materials are properly classified and are in proper condition for transportation according to the applicable laws, rules, regulations and site Radioactive Material License. This also certifies that the materials are classified, packaged, marked, transported and disposed in accordance with the requirements of 10 CFR 171.14.							
4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes", provide Manifest Number =====>		EPA MANIFEST NUMBER N/A		CONTACT Jo Vance		SHIPPING DATE 09/19/2009		TELEPHONE NUMBER (Include Area Code) 800-625-6885							
				SIGNATURE Authorized carrier acknowledging waste receipt <i>Jo Vance</i>		DATE 9-15-09		AUTHORIZED SIGNATURE <i>Philotechnics</i>							
11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (including proper shipping name, hazard class, UN ID number, and any additional information)		12. DOT LABEL "RADIOACTIVE"		13. TRANSPORT INDEX		14. PHYSICAL AND CHEMICAL FORM		15. INDIVIDUAL RADIONUCLIDES		16. TOTAL PACKAGE ACTIVITY MBq mCi		17. LSA/SCO CLASS		18. (Use)	
UN2915, RADIOACTIVE MATERIAL, TYPE A PACKAGE, 7 SOURCES/ENCAPSULATE 1 - 5 GALLON DRUM		yellow III		1.5		SOLID/METAL OXIDES		CS-137 ; NA-22		657.860000000, (17.780000000)		NA		2	
FOR CONSIGNEE USE ONLY						20. Generator Certification Statement									
						<p>A) Radioactive Materials. Certification is hereby made that this shipment of low-level radioactive waste has been prepared in accordance with a radioactive waste management program which has been approved by the Nuclear Regulatory Commission or an Agreement State regulatory agency and with the current revision of the site Material Acceptance Criteria.</p> <p>B) Hazardous Materials. Generator hereby certifies that this material does (or) does not contain a hazardous waste as defined in 40 CFR 261.</p> <p>C) Data. Generator hereby represents and warrants that all data set forth in this (UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST) are true and correct in all respects and in accordance with all applicable governmental laws, rules, regulations and site Radioactive Material License.</p> <p>D) INFECTIOUS SUBSTANCE: Generator hereby certifies that this material does not contain an infectious substance as defined in 49CFR 173.134</p>									
						<p><i>Lyle Johnson</i> Print Name</p> <p><i>Lyle Johnson</i> Signature</p> <p>9-15-09 Date</p>									

Estimated burden per response to comply with this information collection request: 3.3 hours. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of radioactive waste. For more information, contact the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information 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 furnish information.

NRC FORM 541 (7-2007) U.S. NUCLEAR REGULATORY COMMISSION UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST CONTAINER AND WASTE DESCRIPTION Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste	1. MANIFEST TOTALS								
	NUMBER OF PACKAGES/ DISPOSAL CONTAINERS	NET WASTE VOLUME		NET WASTE WEIGHT	SPECIAL NUCLEAR MATERIAL (grams)				
					U-233	U-235	Pu	TOTAL	
	1	m ³	0.01926	kg	6.80385	NP	NP	NP	NP
		ft ³	0.68000	lb	15.00000				
ACTIVITY (MBq/mCi) (LLD UNITS IN uCi/cc)				SOURCE					
ALL NUCLIDES		TRITIUM		C-14	Tc-99	I-129			
MBq	657.8600000000		NP	NP	NP	NP	NP		
mCi	17.7800000000		NP	NP	NP	NP	NP		

DISPOSAL CONTAINER DESCRIPTION						WASTE DESCRIPTION FOR EACH WASTE TYPE IN CONTAINER						
5. CONTAINER IDENTIFICATION NUMBER/TRANSPORT PERMIT NUMBER	6. CONTAINER DESCRIPTION (See Note 1)	7. VOLUME m ³ /ft ³	8. WASTE AND CONTAINER WEIGHT kg/lb	9. SURFACE RADIATION LEVEL mSv/hr/mrem/hr	10. SURFACE CONTAMINATION MBq/100 cm ² /dpm/100 cm ²		11. PHYSICAL DESCRIPTION			14. CHEMICAL DESCRIPTION		15. RADIOLOGICAL DESCRIPTION
					ALPHA	BETA-GAMMA	11. WASTE DESCRIPTOR (See Note 2)	12. APPROXIMATE WASTE VOLUME(S) IN CONTAINER m ³ /ft ³	13. SOLIDIFICATION OR STABILIZATION MEDIA (See Note 3)	14. CHEMICAL FORM/CHELATING AGENT	WEIGHT % CHELATING AGENT IF > 0.1%	
# - Innerpack Container												
09-010460 (RMMP-1)	4	0.01926	9.07180	0.2	< 0.00003674	< 0.00003674	36	0.01926	100	SOLID METAL OXIDES / NP	NP	CS-137 654.9 NA-22 2.9
Origin: WY Rocky Mountain Mobile PET 418 East College Drive Cheyenne, WY 82007		0.68000	20.00000	20	< 220	< 2200		0.68000				Sub Total 657.8
Package Total												657.8
Shipment Total		0.01926	9.07180									657.8
		0.68000	20.00000									

NOTE 1: Container Description Codes. For containers/waste requiring disposal in approved structural overpacks, the numerical code must be followed by "OP."

1. Wooden Box or Crate	9. Demineralizer
2. Metal Box	10. Gas Cylinder
3. Plastic Drum or Pail	11. Bulk, Unpacked Waste
4. Metal Drum or Pail	12. Unpackaged Components
5. Metal Tank or Liner	13. High Integrity Container
6. Concrete Tank or Liner	19. Other. Describe in Item 6, or additional page
7. Polyethylene Tank or Liner	
8. Fiberglass Tank or Liner	

NOTE 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

20. Charcoal	29. Demolition Rubble	38. Evaporator Bottoms/Sludges/ Concentrates
21. Incinerator Ash	30. Cation Ion-exchange Media	39. Compactible Trash
22. Soil	31. Anion Ion-exchange Media	40. Noncompactible Trash
23. Gas	32. Mixed Bed Ion-exchange Media	41. Animal Carcass
24. Oil	33. Contaminated Equipment	42. Biological Material (except animal carcass)
25. Aqueous Liquid	34. Organic Liquid (except oil)	43. Activated Material
26. Filter Media	35. Glassware or Labware	59. Other. Describe in Item 11, or additional page
27. Mechanical Filter	36. Sealed Source/Device	
28. EPA or State Hazardous	37. Paint or Plating	

NOTE 3: Sorption, Solidification and Stabilization Media Codes. (Choose up to three which disposal site structural stability requirements, the numerical code must be followed by "name" must also be identified in Item 13. Code 100=None Required)

Sorption			
60. Speedi Dri	64. Safe T Sorb	69. Chemsill 30	74. Petroset
61. Coleton	65. Safe N Dri	70. Chemsill 50	75. Petroset II
62. Floor Dryl	66. Florco	71. Chemsill 3030	76. Aquaset
63. Hi Dri	67. Florco X Superfine	72. Dicaperl HP 200	77. Aquaset II
	68. Solid A Sorb	73. Dicaperl HP500	89. Other. Describe in item 13 or additional page

NRC FORM 542 (7-2007) U.S. NUCLEAR REGULATORY COMMISSION UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST MANIFEST INDEX AND REGIONAL COMPACT TABULATION				1. WASTE COLLECTOR/PROCESSOR							2. MANIFEST NUMBER 1132-01			
List all original "PROCESSED WASTE" generators (if any) before "COLLECTED WASTE" generators				NAME Philotechnics @ Rocky Mountain Mobile PET			SHIPPER USE ONLY				3. PAGE 1 OF 1 PAGE(S)			
				IDENTIFICATION NUMBER										
				SHIPPING DATE 09/19/2009										
4.	5.	6.	6A.	7.		8.	9.	10.	11. AS PROCESSED/COLLECTED TOTAL					
S.C. TRANSPORT PERMIT NUMBER	GENERATOR NAME AND TELEPHONE NUMBER	GENERATOR FACILITY ADDRESS	WASTE DESCRIPTION (NOMENCLATURE)	PREPROCESSED WASTE (OR MATERIAL) VOLUME		MANIFEST NUMBER(S) UNDER WHICH WASTE (OR MATERIAL) RECEIVED AND DATE OF RECEIPT	WASTE CODE P=PROCESSED C=COLLECTED	ORIGINATING COMPACT REGION OR STATE	A. SOURCE MATERIAL		B. SNM	C. ACTIVITY		D. VOLUME
				m ³	ft ³				(kg)	(lb)		(g)	MBq	
	Rocky Mountain Mobile PET (307) 638-6648	418 East College Drive Cheyenne, WY 82007	Sealed Source/Device	0.01928	0.68000	Onsite Generation 09/11/2009	C	WY	NP	NP	NP	657.86	17.78	0.01928
TOTALS OF ALL PAGES (FORMS 542 AND 542A)									NP	NP	NP	657.8600000000	17.7800000000	0.01928



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418 East College Drive
Cheyenne, WY 82007
(307) 638-6648
Fax (307) 637-4315

Response Priority

- Urgent
- Moderate
- Low

Fax Transmittal Cover Sheet

Date: 9-18-09 Time: 0820

Company: NRC

To: Rachel Browder

From: Lyle Johnson

Subject: RMMP latest Sealed Source leak test

Fax #: 817-860-8263

Message: Rachel,

Yesterday I mailed the certification of disposition along with all other required documents. This morning I found a copy of the Aug 09 leak test on my desk and I wasn't sure if my secretary had included it or not. Just to be on the safe side I am faxing it to you. If a duplicate throws away.

Pages: 2

Lyle

The content enclosed in this fax is considered confidential and is intended for the recipient listed above.

Rocky Mountain Mobile PET
Because Earlier is Better

***Sealed Sources Leak Test
Rocky Mountain Mobile PET***

Wipe Date-August 25, 2009 Technologist-Lyle Johnson RT (R)(N)
Assay Date-August 25, 2009 Technologist-Lyle Johnson RT (R)(N)
Calculation Date-August 26, 2009 Technologist-Lyle Johnson, RSO

<u>Source</u>	<u>Serial Number</u>	<u>Original Activity</u>	<u>Cal Date</u>	<u>Results (µCi)</u>
Cs-137	CZ-533	20 mCi	11/1/03	0
Na-22	1268-95-18	100 µCi	6/1/08	1.36 X 10 ⁻⁴

PASS (All limits below 0.005 µCi.)

Action Level: If removable contamination is greater than 0.005 µCi.

Counts obtained by taking 1-minute wipe test using Capintec CRC-15W
Serial #171574. Wipe units deviation prior to performing test was -0.3% and energy
deviation -1.6%.

RSO



ACCEPTANCE REVIEW MEMO (ARM)

Licensee: Rocky Mountain Mobile PET **License:** 49-29314-01
Docket: 030-37903 **Mail Control:** 472425
Type of Action: Term **Date of Requested Action:** 9/18/09
Reviewer Assigned: **ARM reviewer(s):** Torres

Response	Deficiencies Noted During Acceptance Review
	<input type="checkbox"/> Open ended possession limits. Submit inventory. Limit possession. <input type="checkbox"/> Submit copies of latest leak test results. <input type="checkbox"/> Add IC L.C./Fingerprint LC, add SUNSI markings to license. <input type="checkbox"/> Confirm with licensee if they have NARM material. <input type="checkbox"/> Change of contact information (RSO), send request to update IC database.

Reviewer's Initials: _____ **Date:** _____

<input type="checkbox"/> Yes <input type="checkbox"/> No	Request for unrestricted release Group 2 or >. Consult with Bravo Branch.
<input type="checkbox"/> Yes <input type="checkbox"/> No	Termination request < 90 days from date of expiration
<input type="checkbox"/> Yes <input type="checkbox"/> No	Expedite (medical emergency, no RSO, location of use/storage not on license, RAM in possession not on license, other)
<input type="checkbox"/> Yes <input type="checkbox"/> No	TAR needed to complete action.

Branch Chief's and/or HP's Initials: _____ **Date:** _____

SUNSI Screening according to RIS 2005-31

Yes No **Sensitive and Non-Publicly Available** if any item below is checked

General guidance:

- _____ RAM = or > than Category 3 (Table 1, RIS 2005-31), use Unity Rule
- _____ Exact location of RAM [suite #, bldg. #, location different from mailing address] (whether = or > than Category 3 or not)
- _____ Design of structure and/or equipment (site specific)
- _____ Information on nearby facilities
- _____ Detailed design drawings and/or performance information
- _____ Emergency planning and/or fire protection systems

Specific guidance for medical, industrial and academic (above Category 3):

- _____ RAM quantities and inventory
- _____ Manufacturer's name and model number of sealed sources & devices
- _____ Site drawings with exact location of RAM, description of facility
- _____ RAM security program information (locks, alarms, etc.)
- _____ Emergency Plan specifics (routes to/from RAM, response to security events)
- _____ Vulnerability/security assessment/accident-safety analysis/risk assess
- _____ Mailing lists related to security response

Branch Chief's and/or HP's Initials: RITZ **Date:** 10-2-09

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
:
: Program Code: 03810
: Status Code: 0
: Fee Category: 3P
: Exp. Date: 20110331
: Fee Comments: POSSESSION ONLY
: Decom Fin Assur Req: N
: ::

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: ROCKY MOUNTAIN MOBILE PET
Received Date: 20090923
Docket No: 3037903
Control No.: 472425
License No.: 49-29314-01
Action Type: Termination

2. FEE ATTACHED

Amount: _____
Check No.: /

3. COMMENTS

Signed Colleen Munnahan
Date 9-23-09

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /_/)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed _____
Date _____

Federal Reserve Bank of Dallas
1212 Main Street
Dallas, Texas 75202

Material Rad Prot Section
U.S. Nuclear Reg Comm Reg IV
Attn: Rachel
612 E Lamar Blvd, Suite 400
Arlington, TX 76011-4125

10-08-09

DATE

This is to acknowledge the receipt of your letter/application dated 9-18-09, and to inform you that the initial processing, which includes an administrative review, has been performed.

There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify other omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed within 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 472425.
When calling to inquire about this action, please refer to this mail control number.
You may call me at 817-860-8103.

Sincerely,

Colleen Munnahan
Licensing Assistant



erial Rad Prot Section
lear Reg Comm Reg IV
Attn: Rachel
amar Blvd, Suite 400
ton, TX 76011-4125

