

## Null, Kevin

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**From:** Larry Pitt <lpitt@c70isotopes.com>  
**Sent:** Tuesday, July 21, 2015 10:49 AM  
**To:** Null, Kevin  
**Subject:** [External\_Sender] FW: Manhattan Isotope Technology documents  
**Attachments:** Signed\_Manhattan\_Manifest\_RPK\_1018\_2015\_0059\_received\_17\_July\_2015.pdf

Kevin,

Attached is the shipping manifest.

Thanks,

Larry \_\_\_\_\_  
**From:** Corey Conn  
**Sent:** Tuesday, July 21, 2015 9:41 AM  
**To:** Larry Pitt  
**Subject:** FW: Manhattan Isotope Technology documents

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Lawrence Pitt  
Radiation Safety Officer  
Manhattan Isotope Technology LLC  
2301C 122nd  
Lubbock, TX 79423  
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RPK-1018 2015-0059

<b>FORM 540</b> <b>UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER</b>		<b>ADCO SERVICES, INC.</b> 5. SHIPPER - Name and Facility MANHATTAN ISOTOPE TECHNOLOGY FOR THE ACCT OF ADCO SERVICES 9715 KINGIAD DRIVE, STE 1000 FISHERS, IN 46037		SHIPPER ID NUMBER 52155 <input type="checkbox"/> COLLECTOR <input checked="" type="checkbox"/> PROCESSOR		7. FORM 540 AND 540A FORM 541 AND 541A FORM 542 AND 542A ADDITIONAL INFORMATION		8. MANIFEST NUMBER (Use this number on all continuation pages) 15-0001 R	
1. EMERGENCY TELEPHONE NUMBER 806-777-8889		2. IS THIS AN "EXCLUSIVE USE" SHIPMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST 1		4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If "Yes," provide Manifest Number:		5. CARRIER - Name and Address Adcom Express, Inc. 17650 Duval Drive Tinley Park, IL 60477	
ORGANIZATION LAWRENCE PITT (MANHATTAN ISOTOPE TECH)		CONTACT NATHAN ALLEN		SHIPMENT NUMBER 15-0001 R		GENERATOR TYPE (Specify) 1		TELEPHONE NUMBER (Include Area Code) 317-286-8236	
9. CONSIGNEE - Name and Facility RAM SERVICES, INC. 510 COUNTY HIGHWAY V TWO RIVERS, WI 54241		CONTACT JERRY WIZA TELEPHONE (Include Area Code) 920-686-3889		SIGNATURE - Authorized consignee acknowledging waste receipt <i>[Signature]</i>		DATE 17 July 2015		10. CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.	
11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information) UN 2910: Radioactive material, excepted package-limited quantity of material, TYPE-A PACKAGE, 7		12. DOT LABEL "RADIOACTIVE" NA RADIOACTIVE YELLOW-II		13. TRANSPORT INDEX NA 08		14. PHYSICAL AND CHEMICAL FORM SOLID SEALED SOURCES		15. INDIVIDUAL RADIONUCLIDES Ba-133 Co-57 Cs-137	
16. TOTAL PACKAGE ACTIVITY MBq mCi 2.4174E+01 5.5334E-01		17. LSA/SCO GLASS NA		18. TOTAL WEIGHT OR VOLUME (Use appropriate units) 10 LBS; 0.7 FT3		19. IDENTIFICATION NUMBER OF PACKAGE 15-0001-01			
FOR CONSIGNEE USE ONLY				20. Check appropriate items: Customer represents and warrants that all data set forth in this Uniform Low-Level Radioactive Manifest is true and correct in all respects. Packages listed as "Limited Quantity of Radioactive Material" on this manifest conform to the conditions and limitations specified in 49 CFR 173.421 for radioactive material, excepted package-limited quantity of material UN2910. Packages listed as "NON-REGULATED MATERIAL" on this manifest are classified in accordance with 49 CFR 173.403 (Definition of Radioactive Material). These Materials Must still be disposed of at a licensed facility.					

[illegible]

FORM 542		ADCO SERVICES, INC.		1. WASTE COLLECTOR/PROCESSOR						2. MANIFEST NUMBER						
<b>UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST</b>  MANIFEST INDEX AND REGIONAL COMPACT TABULATION				NAME MANHATTAN ISOTOPE TECHNOLOGY				SHIPPER USE ONLY				15-0001 R				
				IDENTIFICATION NUMBER NA												
				List all original "PROCESSED WASTE" generators (if any) before "COLLECTED WASTE" generators.				SHIPPING DATE 1/7/2015				3. PAGE 1 OF 1 PAGE(S)				
4. SC TRANSPORT PERMIT NUMBER	5. GENERATOR NAME AND TELEPHONE NUMBER	6. GENERATOR FACILITY ADDRESS	6A. WASTE DESCRIPTION (NOMENCLATURE)	7. PREPROCESSED WASTE (OR MATERIAL) VOLUME (m3) (ft3)	8. MANIFEST NUMBER(S) UNDER WHICH WASTE (OR MATERIAL) RECEIVED AND DATE OF RECEIPT	9. WASTE CODE P = PROCESSED C = COLLECTED	10. ORIGINATING COMPACT REGION OR STATE	11. AS PROCESSED/COLLECTED TOTAL								
								A. SOURCE MATERIAL (kg) (lb)	B. SNM (g)	C. ACTIVITY (MBq) (mCi)		D. VOLUME (m3) (ft3)		E. WEIGHT (lb)	F. MAXIMUM PACKAGE RADIATION LEVEL (mrem/hr)	
62165 36	MANHATTAN ISOTOPE TECHNOLOGY 317-288-8236	/FOR THE ACCT OF ADCO SERVICES 9715 KINCIAD DRIVE, STE 1000 FISHERS, IN 46037	SEALED SOURCE/DEVICE		15-0001 R Received: 01/07/2015	C	IN	0.0000E+00 0.0000E+00	0.0000E+00	2.4174E+01	6.5334E-01	0.0198	0.7000	10	0.0000E+00	
TOTALS OF ALL PAGES (FORMS 542 AND 542A)								0.0000E+00	0.0000E+00	0.0000E+00	2.4174E+01	6.5334E-01	0.0198	0.7000	10.0000	N/A

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST  
ISOTOPES REPORT

For Manifest # 15-0001 R  
ADCO SERVICES, INC.

<u>Isotope</u>	Total Activity	
	<u>(MBq)</u>	<u>(mCi)</u>
Ba-133	8.7092E+00	2.3538E-01
Co-57	8.4246E+00	2.2769E-01
Cs-137	7.0399E+00	1.9027E-01