

MEDICAL PHYSICS SERVICES, LTD.

Providing Services In
Radiation Oncology Physics • Diagnostic Imaging • Radiation Safety

17295 Chesterfield Airport Road
Suite 200
Chesterfield, MO 63005
(314) 799-9081
(636) 530-0596 fax
www.med-physics.com

David J. Keys, PhD, FACR
Rich Keys, MA, DABR
Beth Caspari, MS
Timothy Keys, MS

August 12, 2010

Licensing Branch
USNRC Region III
2443 Warrenville Rd.
Lisle, IL 60532-4352

Re: Decommission of Areas of Use, NRC License Number 24-32395-01

To whom it may concern:

Please find attached documentation of the Decommissioning Radiation Survey and wipe testing of St. Louis P.E.T. Center, 12637 Olive Blvd, Creve Coeur, MO 63141. This facility was taken over by Altus Properties LLC, 10560 Old Olive Street Road, Suite 200, Creve Coeur, MO 63141. Also find attached the disposition of radioactive materials from the said facility to QAL_TEK Associates, 3998 Commerce Circle, Idaho Falls, Idaho 83401, NRC License 11-27610-01.

If you have questions, please give me a call at 636-579-0136, or email me (preferable) at dkeys@med-physics.com.

Sincerely,

David J Keys, PhD, FACR
Medical Physicist

Jenny Mitchell
Source Custodian
Real Estate Manager
Altus Properties LLC



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Decommissioning of Controlled Areas

Site: St Louis Pet Center
12637 Olive Blvd
Creve Coeur, MO 63141

Date: August 09, 2010

Contacts: Jenny Mitchell
314-569-5000

NRC License: 24-32395-01

Survey Meter used: Ludlum 14c, sn 170458, Calibrated 10/10/09

Wipe Test Counter: Ludlum Model 1000 scaler, SN 154234, Calibrated, 08/10/10

Isotopes used at site: F-18, Cs-137, Co-57, Na-22

Last Use of Isotopes: January 31, 2010

Survey Results:

Location*	Reading (mR/hr)
Background	0.02
Hot Lab Counter	0.02
Hot Lab Sink	0.02
Hot Lab Floor	0.02
Hot Lab Cabinets	0.02
Scan Room Floor	0.02
Scan Room Walls	0.02

* A radiation survey was performed at each location. Readings were taken 8/09/10. Readings were taken about the room, concentrating particularly on countertops and floors

Wipe test Results:

Location*	cpm (ave)	Net dpm
Background	587	—
Hot Lab Counter, Floor, and Walls	563	0
Hot Lab Sink	567	0
Camera Room Floor and Walls	520	0

*One wipe was used for each area. Evaluated 8/11/10

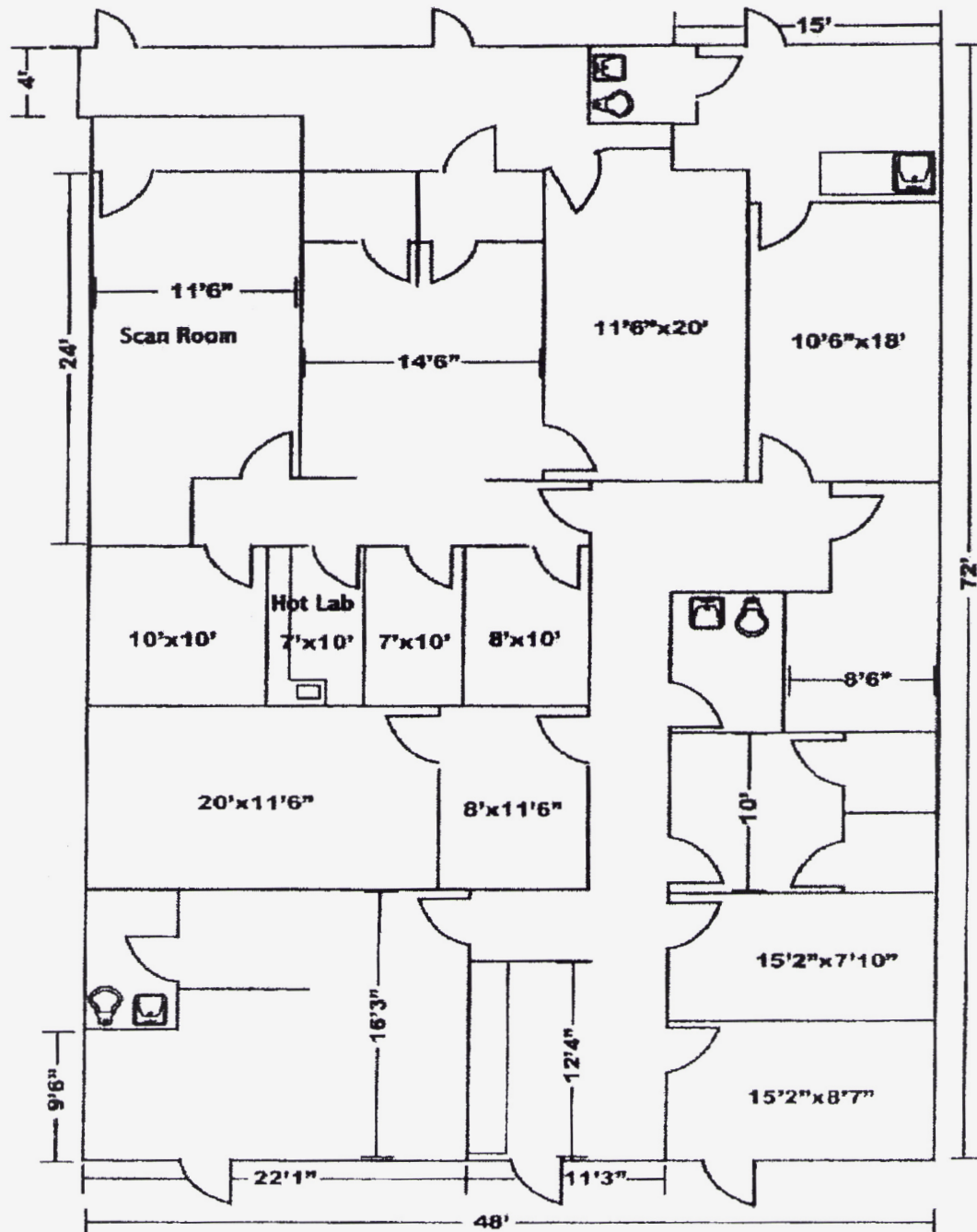
Comment: All areas are safe. There is no evidence of contamination. Cs-137, Co-57, and Na-22 sources had previously been removed on July 15, 2010. See attached documentation. Readings are as expected as any F-18 would have decayed by the time of the survey.

David J. Keys, Ph.D.
David J. Keys, PhD, FACR
Consulting Medical Physicist

St Louis PET Center
August 12, 2010

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**St Louis PET Center
West Park Retail Center
12637 Olive Blvd.
As-Built
3,818 SF**



• Dimensions are Deemed as Accurate but not to Scale



**Qal-Tek
Associates**

3998 Commerce Circle
(208) 523-5557
www.qaltek.com

Idaho Falls, Idaho 83401
Fax (208) 524-8470

Radioactive Source Disposal Transfer of Custody

1: CUSTOMER & LICENSE INFORMATION

Contact: Jonny Mitchell

Phone: 314-392-1801

License #: NA

Company: Altus Properties

12543 Olive Blvd

St. Louis MO 63141

ATSN 2010:1918

Fax: NA

Expiration Date: NA

CRCPD Project

Chuck Harding - Contact

2: GAUGE/DEVICE/LICENSED MATERIAL INFORMATION

ISOTOPE	Original ACTIVITY	Date	MODEL #	SERIAL #	Manufacturer
Cs-137	216.4 μ Ci	1/1/2003	MED-3550	32085	NAS
Co-57	10 mCi	4/27/2006	MED-3709	77917	NAS
Cs-137	0.1 μ Ci	4/1/2002	MED-3400	18000	NAS
Cs-137	5.0 mCi	2/1/2003	CZ-263-915-35	A 3015	IPL
Co-57	10 mCi	1/8/2003		BM 1100657	Rad Qual
Na-22	100 μ Ci	2/1/2008	BM 0110	1142-18-28	
Cs-137	20 mCi	8/1/2007		CZ 881-1245-47	IPL

Services Needed: ☒

Disposal

☒

Leak Test

☐

Other: _____

3: AUTHORIZATION

Permanent custody of above listed Licensed Material is hereby granted to - Qal-Tek Associates, NRC License # 11-27610-01

			7/15/10
Source: Altus Properties / (AND/OR)	Date	Qal-Tek Representative Received by	Date

Check all that apply for shipping method

- ☐ Prepaid ☐ Bill to customer invoice ☐ Customer's FedEx Account#
- ☐ Motor Freight Carrier ☐ FedEx ☐ 1Day ☐ 2Day ☐ 3Day
- ☐ Motor Freight Account ☐ Customer drop off ☒ Qal-Tek Transportation
- ☐ Other (describe) _____



Qal-Tek Associates

ATS# 2010 1916

Off-Site Source Disposal Authorization to Ship Radioactive Source

SOURCE ~~NUMBER~~: CUSTODIAN/LANDLORD

Altus Properties

10560 Old Olive St Rd Suite 200

St Louis, MO 63141

Altus Properties is authorized by Qal-Tek Associates to transfer the sealed source(s) indicated below to the Qal-Tek Associates facility located at: 3998 Commerce Circle, Idaho Falls, ID 83401.

Source Information:

ISOTOPE	Original ACTIVITY	Date	MODEL #	SERIAL #	Manufacturer
Cs-137	216.4 μ CI	1/1/2003	MED-3550	32085	NAS
Co-57	10 mCi	4/27/2006	MED-3709	77617	NAS
Cs-137	0.1 μ CI	4/1/2002	MED-3400	18000	NAS
Cs-137	5.0 mCi	2/1/2003	CZ-263-915-35	A 3015	IPL
Co-57	10 mCi	1/6/2003		BM 1100657	Rad Qual
Na-22	100 μ CI	2/1/2006	BM 0110	1142-18-28	
Cs-137	20 mCi	8/1/2007		CZ 081-1245-47	IPL

Upon receipt of shipment, leak testing in our facility, compliance with terms and conditions, and inventory to verify source descriptions, serial numbers, isotopes, form, and activity, Qal-Tek hereby accepts the material indicated on the service price quotation.

This authorization is only effective once all parties below have signed this authorization.

SOURCE ~~NUMBER~~: CUSTODIAN/LANDLORD

By signing below, I agree to the price quoted by Qal-Tek Associates on DSPQ # 2010:1916 I have received a copy and agree to abide by the Terms and Conditions.

OFFICIAL NAME/TITLE: James A. Mitchell
NAME

Regional Sales Manager
TITLE

SIGNATURE James A. Mitchell

DATE 7/25/10

QAL-TEK ASSOCIATES AUTHORIZATION:

OFFICIAL NAME/TITLE Hal Nielsen
NAME

Professional Radiological Consultant
TITLE

SIGNATURE Hal Nielsen
Professional Radiological Consultant

DATE 4/2/2010

3998 Commerce Cr. Idaho Falls, Idaho 83401
www.Qaltek.com

(208) 523-5557 Fax (208) 524-8470



OFFICAL NAME/TITLE: Anthony Borland, RSO

SIGNATURE

[Handwritten Signature]
Radiation Safety Officer

DATE 14 JUL 2010

When shipping these sources, all packages must have the ATSN listed above clearly written on address label or shipment will be refused.



FAX COVER

Altus Properties LLC
10560 Old Olive Street Road
Suite 500
St. Louis MO 63141
P: 314-569-5000 | F: 314-569-5059
www.altusproperties.com
jmitchell@altusproperties.com

Date: 8/16/10

Pages: 7 (Including Cover)

To: Bill Reichhold

From: Jenny Mitchell

Fax: 630-515-1078

Fax: 314-569-5059

Phone:

Phone: 314-292-6164

Comments:

Bill,

Attached is the paperwork from David Keys at Medical Physics Services for the decommissioning of the space at 12637 Olive Blvd. I have requested a receipt of delivery and copies of leak tests from Qal-Tek but have not yet received those.

Please let me know if you need any further information.

Thanks,

Jenny Mitchell