SAMPLE HOSPITAL
ATTN: RSO
4242 MAIN STREET
SMALLVILLE, MA 01432

Report Date (YYYY-MM-DD)	2013-05-14 **1**
Page	1 of 1
Dosimeter Received	2013-05-13
QC Release	LCA
Analytical Work Order	1313011989 **2**

LANDAUER®

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Environmental Dosimetry Report

3 Account :   290619   Subaccount :   1404881   Series: X9

4

Location ID Number	Dosimeter Type	Identifier (Client Supplied)	Exposure (Ambient Dose mrem)		Net Cumulative Totals (mrem)			Inception Date (YYYY-MM)	Serial Number
			Gross	Net	Quarter to Date	Year to Date	Permanent		
Monitoring Period:		**7**	**8** 2013-04-01 to 2013-06-30		Q2	2013		**9**	**10**
00000 **6**	V03NH	Deploy Control						1995-04	EX00060992K
5	V03NH	Control Dose Used	10.5						
00003	V03NH	Room 101	9.4	-1.1				2012-10	EX00010887N
00004	V03NH	Room 201	10.0	-0.5				2012-10	EX00065503U
00004	V03NH	Room 301	10.4	-0.2				2012-10	EX00064327P
00004	V03NH	Room 204	9.4	-1.1				2012-10	EX00003719R
00004	V03NH	Room 403	9.6	-0.9				2012-10	EX000648788

Environmental Dosimetry Report

LEGEND

1. The date the report was generated.

2. Each report has a unique Analytical Work Order (AWO). An AWO is used to maintain chain of custody for the dosimeter(s).

3. The Account number is a unique identifier for a specific customer. The Subaccount number is unique identifier for accounts that choose to organize their participants into groups. The Series code can assist with easier identification of subaccounts.

4. Exposure (Ambient Dose Equivalent) is the Ambient Dose before (gross) and after (net) Control subtraction.

5. The Location ID Number is a 5-digit identifier assigned by Landauer for a specific location/participant within the account.

6. The type of dosimeter used by a location/participant.

7. Identifier is a location ID number provided by the customer.

8. The beginning and end dates during which the dosimeters were worn, also known as the "wear period."

9. The Inception Date indicates the date Landauer began keeping records for a given dosimeter for a monitoring location within the current customer.

10. The Serial Number is a unique number that is attached to each individual dosimeter.

GENERAL FACTS

- **Purpose:** The Environmental Dosimetry Report is provided for environmental dosimeters that are used to detect very minimal levels of radiation above natural background, either indoors or outdoors.
- Minimum detectable dose is 0.1 mrem (1µSv). Reported doses are Ambient Dose Equivalent.
- The report is generated and mailed to the primary reporting address listed at the account or subaccount level.

FREQUENTLY ASKED QUESTIONS

Why was I sent two controls?

A minimum of two control dosimeters are provided per shipment. The first control, also known as "Deploy Control," is for field deployment and retrieval. It is used to measure the exposure during shipment and placement/collection. The second control, also known as "Transit Control," is only used to measure exposure during transit. Both control dosimeters assigned to a shipment should accompany that shipment to and from Landauer and match the wear dates on the participant dosimeters.

What validation rules do you apply to the control dosimeters?

The control dosimeters are verified before being used in control subtraction. In order to be used in control subtraction, the control dosimeters need to have the same wear date, ship date and receive date as the main group of dosimeters and exhibit no signs of use for monitoring radiation other than background. Landauer will subtract the Deploy Control first, if valid. If not valid, Landauer will subtract the Transit Control.

Why do I see negative doses on my Environmental Dosimetry Report?

Since this dosimeter is intended for measuring very small amounts of radiation, sometimes the dose indicated on the control dosimeter is greater than the dose on a particular dosimeter. In this case Landauer elects not to round the values, but instead report to you the negative numbers.