

537921

Baseline Inventory Report (BIR) Change Report
Data Collection and Entry

SP 9-6
Revision 2
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Form SP 9-6-3
Inventory Data Change/Addition Control Form
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This form is used to document resolution of data discrepancies and acquisition of additional data for the Transuranic Waste Inventory Update Report, 2003.

1. This form documents: Additional Data Required Change to Existing Data

2. Date: 11/12/04

3. Site: LANL

4. Contact Name (include phone or email address as appropriate):

Stan Kosiewicz stan@lanl.gov

5. Identify Electronic File Names and Types (N/A if none received):

see attached email record

6. Comments:

Site identified volume discrepancy in the transmittal of the LA-TA-55-48 waste stream.

7. Discrepancy Resolution:

Per the attached email the volume and the radionuclide concentration for the site have been changed to the

values identified in the email attachment.

8. Changes/Additional Data Requested:

See above.

INV-0607-01-50-73

SNL REC ERMS# 537921

INFORMATION ONLY

LANL: 1.1.3.2: TD: QA-L: PKB 526504

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Inventory Data Change/Addition Control Form
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9. Date Requested: 11/10/04

10. Changes/Additional Data Received:

see attached email.

11. Date Received: 11/10/04

Data Collection/Entry Personnel

Beverly Crawford
Print Name

Beverly A. Crawford
Signature

11/10/04
Date

Inventory Team Lead (for concurrence on resolution)

Sheila Lott
Print Name

Sheila Lott
Signature

11-12-04
Date

INFORMATION ONLY

X-Sender: crawford@ees-mail.lanl.gov
X-Mailer: QUALCOMM Windows Eudora Version 6.1.2.0
Date: Thu, 11 Nov 2004 05:27:04 -0700
To: sparkie@lanl.gov
From: Bev Crawford <crawford@lanl.gov>
Subject: Fwd: Made an Error - LA-TA-55-48
X-PMX-Version: 4.7.0.111621

L Sparkie
11/11/2004

Laurie:

Please sign this email and submit as proof that the volume reported in the correction was in fact 2.72 based on the correction Stan notes here for the volume of an SWB.

Bev

X-Sender: stan@norris-mail.lanl.gov (Unverified)
X-Mailer: QUALCOMM Windows Eudora Version 5.2.1
Date: Wed, 10 Nov 2004 14:48:24 -0700
To: crawford@lanl.gov
From: Stan Kosiewicz <stan@lanl.gov>
Subject: Made an Error - LA-TA-55-48
Cc: stan Kosiewicz <stan@lanl.gov>
X-PMX-Version: 4.7.0.111621

Bev,

Attached is a correction to my prior calculation for LA-TA-55-48. I incorrectly heard you say that an SWB had a volume of 0.89m3. Using the correct volume of 1.89m3 lowers the Ci/m3 by nearly 40%.

Stan

"When the time to perform arrives, the time to prepare is past." Unknown.

Stan Kosiewicz, Ph.D.
stan@lanl.gov
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FAX 505-667-2771
Risk Reduction & Environmental Stewardship (RRES) Division
Project 2010
Certification (CE) Group
Los Alamos National Lab



Documentation of LA-TA-55-48 TWBIR correction.doc

INFORMATION ONLY

Memo to file

November 10, 2004

From: Stan Kosiewicz

RE: Correction to TWIBR on LA-TA-55-48

An e-mail with an initial correction on LA-TA-55-48 was sent to Beverly Crawford (crawford@lanl.gov) on 11/5/04 that had an error because a volume of 0.89m³ was used for an SWB. The volume should have been 1.89m³. Consequently, the Ci/m³ for waste stream LA-TA-55-48 will be lower than what was reported to Ms. Crawford on 11/5/04. The correct values are provided below.

This memo to file was sent to Ms. Crawford on 11/10/04.

LA-TA-55-48 (11/10/2004)

Stored volume: 2.72m³
(four 55-gallon drums @ 0.208m³ /drum, one SWB @ 1.89m³)

Projected volume:

Isotope	Ci/m³	Specific act used	Total g of isotope*
Am241	5.99E-3	3.47 Ci/g	4.7E-3
Pu238	1.50E+1	17.3Ci/g	2.35
Pu239	8.85E-3	0.063 Ci/g	3.8E-1
Pu240	4.44E-3	0.2 Ci/g	5.25E-2
Pu241	3.43E-1	104 Ci/g	8.98E-3
Pu242	3.62E-6	0.0004 Ci/g	2.48E-3

*Obtained from CONCERT AK database.

Procedure:

1. Multiply total grams of isotope by its specific activity to obtain total Ci.
2. Divide Ci by waste stream volume (2.72m³) to obtain Ci/m³.

INFORMATION ONLY

LA-TA-66-48 TWBIR Nov 5 04. doc

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BAC
11/5/04

LA-TA-55-48 (11/05/2004)

Stored volume: 2.72
1.72m3
Projected volume: BAC
11/5/04

Concentrations in Ci/m3

Am241	0.948E-2
Pu238	2.37E+1
Pu239	1.40E-2
Pu240	0.703E-2
Pu241	5.43E-1
Pu242	5.73E-6

INFORMATION ONLY