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J-6
MS-16

DEC 1 9 2006

IN REPLY REFER TO DNSC-ME

U.S. Nuclear Regulatory Commission
Region 1, Nuclear Materials Safety Branch
Division of Nuclear Materials Safety
ATTN: Ms Betsy Ullrich
475 Allendale Road
King of Prussia, PA 19406-1415

STC-133

RECEIVED REGION 1
2006 DEC 20 AM 10: 45

Re: License STC-133

SUBJECT: Request for additional information (RAI) concerning application for amendment to license Control No. 139572, Docket No. 04000341

Dear Ms. Ullrich:

This letter is in response to your letter dated November 7, 2006, subject as above. Information is provided or described in the sequence of your letter:

1. Page 3, 3rd paragraph; the words "renewal application" have been removed. A revision page is enclosed.

2. A review of the Data Quality Objective required that smears be recounted with a longer count time of three minutes. The use of a three minute count time is now reflected on a revision to page 23, enclosed. The typical efficiency using the efficiency factor of 0.25 has been recalculated and is reflected on a revision to page 24, also enclosed. All revised results are enclosed as revisions to Appendices D, E, and F.

3. Page C-3, the scan MDC was recalculated. A revision page is enclosed.

4. Page F-32, the discussion statement is now completed as part of the revision to Appendix F described in RAI 2 above.

5. With the longer counting time indicated in RAI 2 above, better counting statistics were achieved. None of the smears have positively reported activity greater than 10% of the DCGL. Your table entries regarding 10BFL02 Dup, Smears No. 3 and 15 were

139572

actually direct measurement results and not smears; no change was made to these entries. As all smear results are now below the 10% of the DCGL, a Wilcoxon Rank-Sum statistical analysis was not considered necessary.

The changes indicated above required similar summary pages to be changed in the body of the main report. Changes in the main report are shown with a vertical line in the right margin and each page is identified with "RAI Rev. 1" in the lower right footer. Pages affected are 3, 23, 24, 46, 48, 49, 51, and 52; please replace the old pages with these.

A change page is provided for page C-3 of Appendix C; this page is identified with "RAI Rev. 1" in the lower right footer. Please replace the old page C-3 with the change page C-3.

Appendices D and F required extensive change and are provided with the marking "RAI Rev. 1" in the lower right footer of each page. Please replace the previously submitted Appendices D and F with these.
Similarly, Appendix E required changes to pages E-2 and E-34 to E-53. These pages are identified with "RAI Rev. 1" in the lower right footer. Please replace the previously submitted like pages in Appendix E with these.

Should you have any questions regarding this letter, please contact me. You may also call Mr. Claude Wiblin, CHP, at (410) 923-4653. Mr. Wiblin is a representative of our contracted decommissioning firm, Chesapeake Nuclear Services, Inc.

Sincerely,

Michael J. Pecullan
Radiation Safety Officer

Attachment

No elevated direct radiation was detected during scanning that exceeded the investigation level and therefore no discussion regarding this type of anomalous data is provided in the individual survey unit summaries. Results of scanning are provided in each survey unit summary.

Each survey unit satisfied the $DCGL_w$ and the site is recommended for unrestricted release.

2.0 BACKGROUND INFORMATION

In 1942, the Federal government acquired land in Hillcrest, New York from private landowners. Soon afterwards, construction of warehouses for a U.S. Army Medical Depot was begun. From 1942 to 1950, the facility was used to store various medical and defense materials, including those overseen by the Binghamton Air Force Department. In 1950, the facility became part of the GSA and was used to store critical and strategic commodities. In 1988, the DLA assumed responsibility for the Depot and GSA maintained property ownership.

The Binghamton Depot is currently owned by the Federal Government (GSA) and operated by the Department of Defense (DoD), Defense Logistics Agency (DLA). The Binghamton Depot stored columbium/tantalum and tungsten ores and commodities; some of which contain naturally occurring radioactive materials in the form of uranium and thorium. The ores and concentrates contained sufficient quantities of these two naturally occurring radionuclides as to require licensing by the NRC. Radiological operations at the Binghamton Depot are authorized under NRC license STC-133 which expires on February 28, 2010 and issued to the DNSC. The license authorizes the storage, sampling, repackaging, and transfer of natural uranium and thorium ores, concentrates and solids. The total authorized quantity is 2,000,000 kilograms (~4,410,000 pounds). The last shipment of licensed radioactive material from the site was in December 2004.

Beginning in June 2006, a survey to determine the final radiological status was performed. The survey was performed in accordance with a survey plan, reviewed and approved by the NRC. This report describes the results of that survey and demonstrates that the facility now satisfies NRC guidelines, established for release of formerly licensed sites to unrestricted use. Supporting information was presented in the HSA, Revision 1, prepared and submitted to the NRC in February 2006 and the Final Status Survey Plan, submitted in February 2006. Both documents were incorporated into the license.

This document is the FSSR, of the survey activities that were conducted in support of the license termination project at the DNSC Binghamton Depot in Binghamton, NY. The purpose of the FSSR is to demonstrate that radiological conditions at the DNSC Binghamton Depot facility satisfy the Final Status Survey Plan release criteria and that the site can be released for unrestricted use.

ChesNuc performed the FSS in compliance with federal regulations. The methods, procedures, and other pertinent ChesNuc procedures described in the FSSP were followed as written where possible or practical. The FSS activities were observed on June 15 and 16 by an NRC inspector and no items of non-compliance were noted.

Table 5.5 of NUREG-1507, "Minimum Detectable Concentrations with Typical Radiation Survey Instruments for Various Contaminants and Field Conditions", lists the surface efficiency (ε_s) for Th-230 measured with ZnS type detectors and distributed on sealed concrete as 0.428 +/- 0.054 epm/dpm. This value was used in static and scan surveys as concrete floors and concrete blocks represent greater than 95% of the surveyed material. For smears, the surface efficiency was set at 0.25 epm/dpm per ISO-7501's recommendation that this conservative value be used for alpha emitters when real data is not available.

6.2.4 Static and Swipe Minimum Detectable Activities (MDC)

NUREG-1507 provides a rigorous derivation of the calculational expression for instrument sensitivity, typically stated as the minimum detectable concentration (MDC). The MDC equations and example values for both static measurements and swipe analysis are presented in this section.

For static measurements, background and indicator measurements are both typically one minute in duration. The following equation for the MDC from NUREG-1507's, Equation 3-9, as modified for here applies:

$$MDC = \frac{3 + 4.65 * s_b}{(\varepsilon_s)(\varepsilon_i)\left(\frac{a}{100cm^2}\right)}$$

where:

s_b = standard deviation of background measurements

ε_i = Intrinsic instrument efficiency

ε_s = Surface efficiency

a = probe area in cm^2

Background and sample count times used to analyze a swipe are typically twenty minutes and three minutes, respectively. When the background count time and the sample count time are different, the following MDC formula, taken from NUREG-1507's, Equation 3-11, as modified for here, applies:

$$MDC = \frac{3 + 3.29\sqrt{R_B t_S\left(1 + \frac{t_S}{t_B}\right)}}{(\varepsilon_s)(\varepsilon_i)(t_S)\left(\frac{a}{100cm^2}\right)}$$

where:

R_B = Background count rate (cpm)

t_S = Sample counting time

t_B = Background counting time

ε_i = Intrinsic instrument efficiency

ε_s = Surface efficiency

a = area of surface smear in cm^2, nominally 100 cm^2

As an example for one of the 43-93 probes with serial number 235487, 20 blank measurements were made and the results averaged 0.8 cpm with a sigma of 0.8 cpm. The physical size of the probe was 100 cm^2. With a total efficiency of 0.088 cpm/αpm (this is the surface efficiency of 0.428 epm/αpm times the instrument efficiency of 0.204 cpm/epm), the MDC is about 75 αpm/100 cm^2. Data sheets with MDC calculations are provided in Appendix G for all instruments. These calculations demonstrate that the instrument possesses sufficient detection capabilities relative to the surface activity DCGLs.

Smears were analyzed using a Ludlum Model 2929 with the MDC calculated using the daily background count time of 20 minutes. The total efficiency was determined from the reported emissions per minute (epm) of the NIST traceable source and the surface efficiency was set to approximate dirt loading on the smear paper. Per McFarland's data for filter paper, Reference 8.18, alpha particle counting efficiency is lowered by approximately 15% from dirt loading of 5 mg on the paper. Per the same reference, most smears are from "clean" surfaces which would typically contain 1-3 mg of dirt. Assuming no back-scatter and since alpha emissions are in equal directions (50% in either the up or down direction), and as suggested by NUREG-1507 research, a surface efficiency closer to 0.5 is more probable. However, ISO-7501 recommends that a conservative surface efficiency of 0.25 be used for alpha emitters when real data is not available; this is the paper smear surface efficiency used in this report. For overall efficiency uncertainty, data from McFarland's paper at the 5 mg loading was reviewed and the ratio of the standard deviation to the total counting efficiency is determined as 0.056. This error value of 0.056 is applied to the overall smear efficiency used in FSS data in this report. Data from McFarland's paper is presented in the following table.

Table 10. McFarland Smear Analysis Data

Dirt Loading (mg)	Counting Efficiency	Average Efficiency	Standard Deviation	Ratio Std. Dev. to Eff.
Clean	0.286	0.288	0.005	0.018
Clean	0.282			
Clean	0.294			
Clean	0.290			
5	0.263	0.253	0.014	0.056
5	0.243			

The ratio of the standard deviation to the instrument efficiency for the Ludlum 2929 is about 0.01 and is a relatively small part of the overall counting efficiency. A typical MDC for the smear analysis unit, Ludlum 2929, is about 17 αpm/100 cm^2. This calculation includes the low background of 1.05 cpm over a 20 minute period, a 3 minute sample count time, and a source efficiency of 0.73 cpm/epm.

Table 16. Summary of Reference Units Smear Measurements

Reference Unit	N	Net Activity (αpm/100cm^2)			MDC
		Average	Minimum	Maximum	
8BFL01	15	0	-2	5	17
8BWL01	15	-1	-6	5	17
8BWL02	15	2	-2	11	17
10AFL01	15	6	0	11	17
10AWL01	15	-2	-6	3	17
10AWL02	15	-1	-4	3	17
14DFL01	15	1	-6	5	17
14DWL01	15	-1	-6	11	17
FHFL02	15	-1	-4	2	17
FHWL02	15	5	-4	14	17

*Instrument background was subtracted

7.2 Survey Unit Results for Required Measurements

The following tables summarize the results of the static, scan, and smear measurements for the survey units; respectively. Details of measurement results for each individual location are provided in Appendix B, C, and D. Drawings and coordinates are provided in Appendix A.

Table 18. Summary of SU Scan Measurements*

Survey Unit	Total Area Scanned (ft^2)	Average Residence Time (sec)	Average Activity αpm/100cm^2
8AFL01	510	1.7	3
8AWL1	115	3.5	2
10BFL01	150	3.1	-6
10BFL02	60	2.5	11
10BWL1	27	2.5	-12
10BFL03	20	3.7	-4
11CFL01	30	2.6	-8
11CFL02	13	5.0	-1
11CWL01	13	4.1	-14
11DFL01	60	2.5	3
11DWL1	23	3.7	-5
12AFL01	20	5.4	-8
12AWL1	14	4.2	-13
12BFL01	20	2.5	-17
12BFL02	20	2.7	-15
12BWL1	11	3.5	-14
13CFL01	60	2.3	5
13CFL02	60	2.6	5
13CFL03	60	2.4	12
13CWL1	28	2.2	-14
13CWL2	31	2.5	-14

Survey Unit	Total Area Scanned (ft^2)	Average Residence Time (sec)	Average Activity αpm/100cm^2
14AFL01	63	2.9	-13
14AWL1	18	2.7	-18
14AFL02	50	2.6	-16
14AWL2	20	2.5	-11
14BFL01	50	2.4	-16
14BWL1	15	3.4	-13
14BFL02	63	2.2	-6
14BWL2	20	3.2	-19
14CFL01	50	2.4	0
14CWL1	20	2.3	-19
14EFL01	142	1.7	-12
14EFL02	63	2.7	17
14EFL03	34	2.2	-16
14EFL04	100	2.4	11
14EFL05	100	3.5	-11
14EWL1	39	2.4	4
14EWL2	15	2.3	-13
14EWL3	17	5.5	-11
14EWL4	20	4.5	-10
FHFL01	20	4.4	2
FHWL01	56	2.7	-3

* Reference Unit material background averages have been subtracted.

Table 19. Summary of SU Smear Measurements*

Survey Unit	Net Activity (αpm/100cm^2)		
	Average	Minimum	Maximum
8AFL01	4	-2	13
8AWL01	4	-2	13
10BFL01	-1	-6	3
10BFL02	-1	-6	11
10BFL03	1	-6	5
10BWL01	-1	-6	11
11CFL01	2	-4	13
11CFL02	-1	-6	5
11CWL01	0	-6	3
11DFL01	2	-2	13
11DWL01	-1	-6	11
12AFL01	0	-4	3
12AWL01	2	-6	7
12BFL01	-2	-6	3
12BFL02	-1	-6	3
12BWL01	-2	-6	2
13CFL01	-1	-4	3
13CFL02	-1	-4	5
13CFL03	0	-6	7
13CWL01	1	-6	5
13CWL02	-2	-6	11

Survey Unit	Net Activity (αpm/100cm^2)		
	Average	Minimum	Maximum
14AFL01	0	-6	7
14AFL02	1	-6	7
14AWL01	-1	-6	3
14AWL02	-1	-6	2
14BFL01	1	-4	5
14BFL02	-1	-6	3
14BWL01	-3	-6	2
14BWL02	-3	-6	7
14CFL01	-1	-4	5
14CWL01	0	-4	3
14EFL01	-1	-6	3
14EFL02	1	-6	5
14EFL03	-1	-6	3
14EFL04	0	-6	5
14EFL05	-1	-4	5
14EWL01	2	-4	7
14EWL02	-1	-4	2
14EWL03	0	-6	5
14EWL04	-1	-6	3
FHFL01	-1	-6	5
FHWL01	-1	-4	2

* Only instrument background has been subtracted.

Table 22. Smear Overhead and Upper Wall Bias Measurements*

Warehouse	N	Activity (αpm/100cm²)			MDC
		Average	Minimum	Maximum	
8A	3	-3	-4	-2	17
10B	8	-2	-6	0	17
11C	5	-2	-6	0	17
11D	3	-2	-4	0	17
12A	3	2	0	3	17
12B	5	1	0	3	17
13C	8	-1	-6	9	17
14A	6	0	-6	3	17
14B	6	0	-6	5	17
14C	3	-1	-6	3	17
14E	14	-2	-6	0	17

*Only instrument background has been subtracted.

7.4 Results of Miscellaneous Bias and Duplicate Measurements

The FSSP required that survey technicians be afforded the opportunity to perform judgmental measurements in areas of highest potential (e.g., corners, seams between concrete pours, or base of support poles) based on professional judgment. This provides a qualitative level of confidence that no areas of elevated activity were missed by the random measurements and that there were no errors in area classification. The results are summarized in the tables below. Drawings and coordinates are provided in Appendix A. As all duplicate measurements have results with very low values and most below the MDC; comparison with measurements used for evaluating the survey unit is that they are the same value or small magnitude.

Table 23. SU Bias Static Measurements*

Survey Unit	Material	N	Net Activity (αpm/100cm²)			
			Average	Minimum	Maximum	Sigma
8AFL01	Concrete	2	-2	-8	5	9
11CFL01	Concrete	1	-8	-8	-8	N/A
11DFL01	Concrete	1	18	18	18	N/A
14EFL01	Concrete	1	-8	-8	-8	N/A
FHFL01	Tile	6	5	-8	24	14

* Reference Unit material background averages have been subtracted.

Table 24. SU Duplicate Static Measurements*

Survey Unit	Material	N	Net Activity (αpm/100cm²)			
			Average	Minimum	Maximum	Sigma
10BFL02	Concrete	6	19	11	31	8
11CFL01	Concrete	15	12	-8	31	13
11DFL01	Concrete	15	22	-8	76	22
14EFL01	Concrete	15	-2	-28	24	17

* Reference Unit material background averages have been subtracted.

Table 25. Bias Sink and Drain Smears*

Warehouse	N	Activity (αpm/100cm^2)		
		Average	Minimum	Maximum
Firehouse	4	-1	-4	2
11D	3	1	-2	3
12A	2	1	0	2

*Only instrument background has been subtracted.

Table 26. SU Bias Smears*

Survey Unit	N	Net Activity (αpm/100cm^2)		
		Average	Minimum	Maximum
FHFL01	6	1	-2	11
11CFL01	1	-4	-4	-4
14EFL01	1	-4	-4	-4

*Only instrument background has been subtracted.

Table 27. SU Duplicate Smears*

Survey Unit	N	Net Activity (αpm/100cm^2)		
		Average	Minimum	Maximum
10BFL01	6	6	3	11
11DFL01	15	2	-2	13
14EWL02	15	2	-4	5

*Only instrument background has been subtracted.

Summary of Scan Results - Alpha

Survey Unit: 8AFL01
Description: Sampling and Storage Area
Survey Date: 11/7/2005

Location	Scan Time (min)	Total Counts	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CI
1	13.38	38	3.1	1.0	0.6	8	10
2	12.20	25	2.2	0.0	0.6	0	9
3	12.03	23	2.0	-0.1	0.6	-1	9
4	10.95	20	1.9	-0.2	0.6	-2	9
5	11.07	20	1.9	-0.2	0.6	-2	9
6	10.52	13	1.3	-0.9	0.5	-7	9
7	13.63	31	2.5	0.3	0.6	2	9
8	13.03	36	3.0	0.9	0.6	7	10
9	10.23	24	2.5	0.4	0.6	3	10
10	10.95	35	3.6	1.4	0.7	12	11
11	10.43	26	2.7	0.5	0.6	5	10
12	10.17	28	3.0	0.9	0.7	7	11
13	10.48	26	2.7	0.5	0.6	4	10
14	10.57	27	2.8	0.6	0.6	5	10
15	11.03	23	2.2	0.1	0.6	1	10
Total	170.68	395					

Scan Area per Point	Total Area Scanned	Average Residence Time	$scanMDC_{alpha}$	
34 ft²	510 ft²	1.7 sec	572	αpm/100 cm²

Analysis Parameters

Reference Area: 8BFL01
Material: concrete
Material Background: 2.2 cpm
Background Count Time: 15 min

Surface Efficiency: 0.428 epm/αpm
Surface Uncertainty: 0.054 epm/αpm
Total Efficiency: 0.146 cpm/αpm
Total Efficiency Uncertainty: 0.019 cpm/αpm

Instrument Data

	Model	Serial No		
			Probe Area:	83 cm²
Instrument:	L2350-1	142513	**Instrument Efficiency:**	0.341 cpm/epm
Detector:	L43-1-1	PR093536	**Efficiency Uncertainty:**	0.011 cpm/epm

APPENDIX D

SMEARS

APPENDIX D - SMEARS
TABLE OF CONTENTS

Survey Unit	Page
Eff. 11/1/06	3
Bkg. 11/1/06	4
8AFL01	5
8AWL01	6
8BFL01	7
8BWL01	8
8BWL02	9
10AFL01	10
10AWL01	11
10AWL02	12
10BFL01	13
10BFL02	14
10BFL03	15
10BWL01	16
11CFL01	17
11CFL02	18
11CWL01	19
11DFL01	20
11DWL01	21
12AFL01	22
12AWL01	23
12BFL01	24
12BFL02	25
12BWL01	26
13CFL01	27
13CFL02	28
13CFL03	29
13CWL01	30

Survey Unit	Page
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14AFL01	32
14AFL02	33
14AWL01	34
14AWL02	35
14BFL01	36
14BFL02	37
14BWL01	38
14BWL02	39
14CFL01	40
14CWL01	41
14DFL01	42
14DWL01	43
14EFL01	44
14EFL02	45
14EFL03	46
14EFL04	47
14EFL05	48
14EWL01	49
14EWL02	50
14EWL03	51
14EWL04	52
FHFL01	53
FHWL01	54
FHFL02	55
FHWL02	56

Form RS-9.1-1

CHESAPEAKE NUCLEAR SERVICES, INC.
STANDARD DEVIATION DATA TABLE
SITE: ____ DLA / DNSC

Date:	**11/01/06**	**For Month of:**	Nov.

Instrument Information		
Type/Serial #	2929	176108
Probe/Serial #:	43-10	PR176108
Calibration Due Date		
Mode (count rate/dose rate)	count rate	
Data Type (Source, Bkgd)	BKGD	

If the data type is a background for a specific material, list the material type

Source Information	
Isotope	TH 230
Serial #	A2-743
2π emission rate (αpm	17610

N	Gross	Background	ε_i
1	12854	1	0.730
2	12919	1	0.734
3	12925	2	0.734
4	12793	1	0.726
5	12848	1	0.730
6	12991	1	0.738
7	12934	1	0.734
8	12724	0	0.723
9	12560	1	0.713
10	12881	1	0.731
11	12974	1	0.737
12	12917	1	0.733
13	12782	1	0.726
14	12879	2	0.731
15	12907	1	0.733
16	12717	1	0.722
17	12903	2	0.733
18	12862	1	0.730
19	12828	0	0.728
20	13181	1	0.748

For N=1-20,

$$\varepsilon_i = \frac{CountRate - BackgroundRate}{2\pi SurfaceEmissionRate}$$

Average	12869	1.05	0.730
Std Dev	124	0.51	0.007
		Ratio of STD Dev to Eff	0.010
		Surface Eff	0.25
		Total Efficiency	0.183
		Total Counting Standard Deviation	0.010

$$\varepsilon_i = \frac{AverageCountRate - AverageBackgroundRate}{2\pi SurfaceEmissionRate}$$

Form RS-9.1-1

CHESAPEAKE NUCLEAR SERVICES, INC.
STANDARD DEVIATION DATA TABLE
SITE: ____ DLA / DNSC

Date:	**11/01/06**	**For Month of:**	Nov.

Instrument Information		
Type/Serial #	2929	176108
Probe/Serial #:	43-10	PR176108
Calibration Due Date		
ode (count rate/dose ra	count rate	
Data Type (Source, Bk	BKGD	

If the data type is a background for a specific material, list the material type

D	C	C-(M)	$\|C-(M)\|^2$
1	1	-0.1	0.0
2	1	-0.1	0.0
3	2	1.0	0.9
4	1	-0.1	0.0
5	1	-0.1	0.0
6	1	-0.1	0.0
7	1	-0.1	0.0
8	0	-1.1	1.1
9	1	-0.1	0.0
10	1	-0.1	0.0
11	1	-0.1	0.0
12	1	-0.1	0.0
13	1	-0.1	0.0
14	2	1.0	0.9
15	1	-0.1	0.0
16	1	-0.1	0.0
17	2	1.0	0.9
18	1	-0.1	0.0
19	0	-1.1	1.1
20	1	-0.1	0.0

Calculation Guidelines

1) Record number of data points (D) in the Data Table Summary (DTS).
2)Record the observed instrument reading (C)
3) Sum Column C. Record in DTS.
4) Divide C by D. Record in DTS as Mean Net cpm (M)
5) Subtract (M) from each data point C. Record in C-(M) Column.
6) Square each C-(M). Record in $|C-(M)|^2$ Column
7) Total $|C-(M)|^2$ Column. Record in DTS.
8) Divide sum $|C-(M)|^2$ by D-1. Take the square root of the result and record as the Standard Deviation.
9) Multiply SD by 2 and by 3. Record.

Standard Deviation

SD	0.5
2 x SD	1.0
3 x SD	1.5

Data Table Summary

# Data Points	Sum of C	Mn Net cpm (M)	Sum $\|C-(M)\|^2$
20	21	1.05	5.0

Summary of Smear Measurements - Alpha

Survey Unit: 8AFL01
Description: Stroage and Sampling Area
Survey Date: 11/7/2005
Analysis Date: 11/25/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	2.0	1.0	0.5	5	5
2	3.3	2.3	0.7	13	7
3	1.0	-0.1	0.4	0	4
4	1.0	-0.1	0.4	0	4
5	3.0	2.0	0.6	11	7
6	1.3	0.3	0.4	2	6
7	2.3	1.3	0.6	7	6
8	1.3	0.3	0.4	2	6
9	0.7	-0.4	0.4	-2	4
10	1.7	0.6	0.5	3	5
11	1.0	-0.1	0.4	0	4
12	1.0	-0.1	0.4	0	4
13	3.3	2.3	0.7	13	7
14	2.0	1.0	0.5	5	5
15	1.7	0.6	0.5	3	5
			Minimum:	-2	
			Maximum:	13	
			Average:	4.1	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 8AWL01
Description: Storage and Sampling Area
Survey Date: 6/22/2006
Analysis Date: 11/1/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	2.7	1.6	0.6	9	7
2	1.3	0.3	0.4	2	6
3	1.3	0.3	0.4	2	6
4	2.7	1.6	0.6	9	7
5	2.3	1.3	0.6	7	6
6	1.3	0.3	0.4	2	6
7	2.0	1.0	0.5	5	5
8	1.3	0.3	0.4	2	6
9	0.7	-0.4	0.4	-2	4
10	2.3	1.3	0.6	7	6
11	2.0	1.0	0.5	5	5
12	0.7	-0.4	0.4	-2	4
13	3.3	2.3	0.7	13	7
14	2.0	1.0	0.5	5	5
15	1.7	0.6	0.5	3	5
			Minimum:	-2	
			Maximum:	13	
			Average:	4	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 8BFL01
Description: Reference Area
Survey Date: 11/7/2005
Analysis Date: 11/2/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	1.0	-0.1	0.4	0	4
3	0.7	-0.4	0.4	-2	4
4	2.0	1.0	0.5	5	5
5	1.0	-0.1	0.4	0	4
6	1.0	-0.1	0.4	0	4
7	1.0	-0.1	0.4	0	4
8	1.0	-0.1	0.4	0	4
9	0.7	-0.4	0.4	-2	4
10	1.7	0.6	0.5	3	5
11	1.0	-0.1	0.4	0	4
12	1.0	-0.1	0.4	0	4
13	1.3	0.3	0.4	2	6
14	0.7	-0.4	0.4	-2	4
15	0.7	-0.4	0.4	-2	4
			Minimum:	-2	
			Maximum:	5	
			Average:	0.1	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 8BWL01 Wall
Description: Reference Area
Survey Date: 6/22/2006
Analysis Date: 11/2/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	2.0	1.0	0.5	5	5
3	0.7	-0.4	0.4	-2	4
4	0.0	-1.1	0.2	-6	3
5	1.0	-0.1	0.4	0	4
6	1.0	-0.1	0.4	0	4
7	1.0	-0.1	0.4	0	4
8	0.3	-0.7	0.3	-4	3
9	1.0	-0.1	0.4	0	4
10	1.3	0.3	0.4	2	6
11	0.3	-0.7	0.3	-4	3
12	1.3	0.3	0.4	2	6
13	0.7	-0.4	0.4	-2	4
14	0.7	-0.4	0.4	-2	4
15	1.0	-0.1	0.4	0	4
			Minimum:	-6	
			Maximum:	5	
			Average:	-0.7	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 8BWL02
Description: Reference Area Bricks
Survey Date: 6/22/2006
Analysis Date: 11/25/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	2.0	1.0	0.5	5	5
2	3.0	2.0	0.6	11	7
3	1.7	0.6	0.5	3	5
4	2.0	1.0	0.5	5	5
5	1.0	-0.1	0.4	0	4
6	1.0	-0.1	0.4	0	4
7	2.0	1.0	0.5	5	5
8	1.0	-0.1	0.4	0	4
9	0.7	-0.4	0.4	-2	4
10	1.7	0.6	0.5	3	5
11	1.7	0.6	0.5	3	5
12	1.0	-0.1	0.4	0	4
13	1.3	0.3	0.4	2	6
14	1.3	0.3	0.4	2	6
15	0.7	-0.4	0.4	-2	4
			Minimum:	-2	
			Maximum:	11	
			Average:	2.3	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 10AFL01
Description: Reference Area
Survey Date: 11/8/2005
Analysis Date: 11/25/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	2.0	1.0	0.5	5	5
2	2.7	1.6	0.6	9	7
3	2.7	1.6	0.6	9	7
4	2.0	1.0	0.5	5	5
5	1.3	0.3	0.4	2	6
6	1.0	-0.1	0.4	0	4
7	2.0	1.0	0.5	5	5
8	2.0	1.0	0.5	5	5
9	3.0	2.0	0.6	11	7
10	1.7	0.6	0.5	3	5
11	1.7	0.6	0.5	3	5
12	2.0	1.0	0.5	5	5
13	2.7	1.6	0.6	9	7
14	2.3	1.3	0.6	7	6
15	2.7	1.6	0.6	9	7
			Minimum:	0	
			Maximum:	11	
			Average:	5.8	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 10AWL01
Description: Reference Area
Survey Date: 6/22/2006
Analysis Date: 11/2/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.7	-0.4	0.4	-2	4
2	1.0	-0.1	0.4	0	4
3	1.0	-0.1	0.4	0	4
4	1.0	-0.1	0.4	0	4
5	1.7	0.6	0.5	3	5
6	1.0	-0.1	0.4	0	4
7	0.7	-0.4	0.4	-2	4
8	0.3	-0.7	0.3	-4	3
9	0.3	-0.7	0.3	-4	3
10	0.3	-0.7	0.3	-4	3
11	1.7	0.6	0.5	3	5
12	0.0	-1.1	0.2	-6	3
13	0.3	-0.7	0.3	-4	3
14	0.7	-0.4	0.4	-2	4
15	0.0	-1.1	0.2	-6	3
			Minimum:	-6	
			Maximum:	3	
			Average:	-1.9	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 10AWL02
Description: Reference Area
Survey Date: 6/22/2006
Analysis Date: 11/3/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.7	-0.4	0.4	-2	4
2	1.0	-0.1	0.4	0	4
3	1.7	0.6	0.5	3	5
4	0.3	-0.7	0.3	-4	3
5	0.3	-0.7	0.3	-4	3
6	1.3	0.3	0.4	2	6
7	1.0	-0.1	0.4	0	4
8	1.0	-0.1	0.4	0	4
9	1.7	0.6	0.5	3	5
10	0.3	-0.7	0.3	-4	3
11	1.7	0.6	0.5	3	5
12	0.3	-0.7	0.3	-4	3
13	0.7	-0.4	0.4	-2	4
14	0.7	-0.4	0.4	-2	4
15	1.0	-0.1	0.4	0	4
			Minimum:	-4	
			Maximum:	3	
			Average:	-0.7	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 10BFL01
Description: StorageArea
Survey Date: 6/22/2006
Analysis Date: 11/2/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Uncertainty @ 95% CL
1	0.7	-0.4	0.4	-2	4
2	0.7	-0.4	0.4	-2	4
3	1.3	0.3	0.4	2	6
4	1.0	-0.1	0.4	0	4
5	0.7	-0.4	0.4	-2	4
6	0.7	-0.4	0.4	-2	4
7	0.0	-1.1	0.2	-6	3
8	0.7	-0.4	0.4	-2	4
9	0.3	-0.7	0.3	-4	3
10	1.7	0.6	0.5	3	5
11	0.3	-0.7	0.3	-4	3
12	0.3	-0.7	0.3	-4	3
13	1.3	0.3	0.4	2	6
14	1.7	0.6	0.5	3	5
15	1.0	-0.1	0.4	0	4
			Minimum:	-6	
			Maximum:	3	
			Average:	-1.2	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 10BFL02
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/10/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0	-1.05	0.2	-6	3
2	0	-1.05	0.2	-6	3
3	1	-0.05	0.4	0	4
4	2	0.95	0.5	5	5
5	0	-1.05	0.2	-6	3
6	1	-0.05	0.4	0	4
7	1	-0.05	0.4	0	4
8	1	-0.05	0.4	0	4
9	1	-0.05	0.4	0	4
10	0	-1.05	0.2	-6	3
11	3	1.95	0.6	11	7
12	1	-0.05	0.4	0	4
13	1	-0.05	0.4	0	4
14	2	0.95	0.5	5	5
15	0	-1.05	0.2	-6	3
			Minimum:	-6	
			Maximum:	11	
			Average:	-0.6	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 10BFL03
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/3/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Uncertainty @ 95% CL
1	1.3	0.3	0.4	2	6
2	1.3	0.3	0.4	2	6
3	0.0	-1.1	0.2	-6	3
4	2.0	1.0	0.5	5	5
5	1.7	0.6	0.5	3	5
6	2.0	1.0	0.5	5	5
7	0.7	-0.4	0.4	-2	4
8	1.0	-0.1	0.4	0	4
9	1.0	-0.1	0.4	0	4
10	1.3	0.3	0.4	2	6
11	1.0	-0.1	0.4	0	4
12	2.0	1.0	0.5	5	5
13	0.7	-0.4	0.4	-2	4
14	1.0	-0.1	0.4	0	4
15	1.3	0.3	0.4	2	6
			Minimum:	-6	
			Maximum:	5	
			Average:	1.1	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 10BWL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/10/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0	-1.05	0.2	-6	3
2	0	-1.05	0.2	-6	3
3	1	-0.05	0.4	0	4
4	2	0.95	0.5	5	5
5	0	-1.05	0.2	-6	3
6	1	-0.05	0.4	0	4
7	1	-0.05	0.4	0	4
8	1	-0.05	0.4	0	4
9	1	-0.05	0.4	0	4
10	0	-1.05	0.2	-6	3
11	3	1.95	0.6	11	7
12	1	-0.05	0.4	0	4
13	1	-0.05	0.4	0	4
14	2	0.95	0.5	5	5
15	0	-1.05	0.2	-6	3
			Minimum:	-6	
			Maximum:	11	
			Average:	-0.6	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 11CFL01
Description: Storage Area
Survey Date: 11/8/2005
Analysis Date: 11/25/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	1.0	-0.1	0.4	0	4
3	3.3	2.3	0.7	13	7
4	1.3	0.3	0.4	2	6
5	0.3	-0.7	0.3	-4	3
6	1.0	-0.1	0.4	0	4
7	1.7	0.6	0.5	3	5
8	0.7	-0.4	0.4	-2	4
9	1.7	0.6	0.5	3	5
10	1.3	0.3	0.4	2	6
11	1.3	0.3	0.4	2	6
12	0.7	-0.4	0.4	-2	4
13	0.3	-0.7	0.3	-4	3
14	2.0	1.0	0.5	5	5
15	2.7	1.6	0.6	9	7
			Minimum:	-4	
			Maximum:	13	
			Average:	1.8	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 11CFL02
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/6/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	0.7	-0.4	0.4	-2	4
3	0.7	-0.4	0.4	-2	4
4	0.7	-0.4	0.4	-2	4
5	1.3	0.3	0.4	2	6
6	1.0	-0.1	0.4	0	4
7	0.0	-1.1	0.2	-6	3
8	0.3	-0.7	0.3	-4	3
9	0.3	-0.7	0.3	-4	3
10	0.7	-0.4	0.4	-2	4
11	0.7	-0.4	0.4	-2	4
12	0.3	-0.7	0.3	-4	3
13	0.7	-0.4	0.4	-2	4
14	2.0	1.0	0.5	5	5
15	1.3	0.3	0.4	2	6
			Minimum:	-6	
			Maximum:	5	
			Average:	-1.4	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 11CWL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/6/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Uncertainty @ 95% CL
1	0.7	-0.4	0.4	-2	4
2	1.7	0.6	0.5	3	5
3	1.3	0.3	0.4	2	6
4	0.3	-0.7	0.3	-4	3
5	0.7	-0.4	0.4	-2	4
6	1.3	0.3	0.4	2	6
7	0.0	-1.1	0.2	-6	3
8	0.7	-0.4	0.4	-2	4
9	1.0	-0.1	0.4	0	4
10	1.3	0.3	0.4	2	6
11	1.3	0.3	0.4	2	6
12	1.3	0.3	0.4	2	6
13	0.7	-0.4	0.4	-2	4
14	1.7	0.6	0.5	3	5
15	1.3	0.3	0.4	2	6
			Minimum:	-6	
			Maximum:	3	
			Average:	0.0	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 11DFL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/15/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	2.0	1.0	0.5	5	5
2	0.7	-0.4	0.4	-2	4
3	0.7	-0.4	0.4	-2	4
4	0.7	-0.4	0.4	-2	4
5	1.0	-0.1	0.4	0	4
6	0.7	-0.4	0.4	-2	4
7	1.7	0.6	0.5	3	5
8	0.7	-0.4	0.4	-2	4
9	3.3	2.3	0.7	13	7
10	1.7	0.6	0.5	3	5
11	1.7	0.6	0.5	3	5
12	2.7	1.6	0.6	9	7
13	1.3	0.3	0.4	2	6
14	1.3	0.3	0.4	2	6
15	2.3	1.3	0.6	7	6
			Minimum:	-2	
			Maximum:	13	
			Average:	2.5	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 11DWL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/15/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0	-1.05	0.2	-6	3
2	0	-1.05	0.2	-6	3
3	1	-0.05	0.4	0	4
4	2	0.95	0.5	5	5
5	0	-1.05	0.2	-6	3
6	1	-0.05	0.4	0	4
7	1	-0.05	0.4	0	4
8	1	-0.05	0.4	0	4
9	1	-0.05	0.4	0	4
10	0	-1.05	0.2	-6	3
11	3	1.95	0.6	11	7
12	1	-0.05	0.4	0	4
13	1	-0.05	0.4	0	4
14	2	0.95	0.5	5	5
15	0	-1.05	0.2	-6	3
			Minimum:	-6	
			Maximum:	11	
			Average:	-0.6	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 12AFL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/9/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Uncertainty @ 95% CL
1	0.7	-0.4	0.4	-2	4
2	1.3	0.3	0.4	2	6
3	1.3	0.3	0.4	2	6
4	1.0	-0.1	0.4	0	4
5	1.7	0.6	0.5	3	5
6	1.3	0.3	0.4	2	6
7	1.0	-0.1	0.4	0	4
8	1.0	-0.1	0.4	0	4
9	1.7	0.6	0.5	3	5
10	0.7	-0.4	0.4	-2	4
11	0.3	-0.7	0.3	-4	3
12	0.7	-0.4	0.4	-2	4
13	1.7	0.6	0.5	3	5
14	0.7	-0.4	0.4	-2	4
15	0.3	-0.7	0.3	-4	3
			Minimum:	-4	
			Maximum:	3	
			Average:	-0.1	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 12AWL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/9/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	1.7	0.6	0.5	3	5
3	1.3	0.3	0.4	2	6
4	2.0	1.0	0.5	5	5
5	1.3	0.3	0.4	2	6
6	1.3	0.3	0.4	2	6
7	2.3	1.3	0.6	7	6
8	0.3	-0.7	0.3	-4	3
9	1.3	0.3	0.4	2	6
10	0.0	-1.1	0.2	-6	3
11	1.3	0.3	0.4	2	6
12	1.7	0.6	0.5	3	5
13	2.3	1.3	0.6	7	6
14	0.7	-0.4	0.4	-2	4
15	1.7	0.6	0.5	3	5
			Minimum:	-6	
			Maximum:	7	
			Average:	1.7	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 12BFL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/14/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	0.7	-0.4	0.4	-2	4
3	1.3	0.3	0.4	2	6
4	0.7	-0.4	0.4	-2	4
5	1.7	0.6	0.5	3	5
6	0.0	-1.1	0.2	-6	3
7	1.0	-0.1	0.4	0	4
8	0.7	-0.4	0.4	-2	4
9	0.0	-1.1	0.2	-6	3
10	1.3	0.3	0.4	2	6
11	0.3	-0.7	0.3	-4	3
12	0.7	-0.4	0.4	-2	4
13	0.3	-0.7	0.3	-4	3
14	1.7	0.6	0.5	3	5
15	0.0	-1.1	0.2	-6	3
			Minimum:	-6	
			Maximum:	3	
			Average:	-1.6	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 12BFL02
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/14/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	0.3	-0.7	0.3	-4	3
3	0.3	-0.7	0.3	-4	3
4	1.7	0.6	0.5	3	5
5	1.3	0.3	0.4	2	6
6	1.3	0.3	0.4	2	6
7	1.0	-0.1	0.4	0	4
8	0.3	-0.7	0.3	-4	3
9	0.3	-0.7	0.3	-4	3
10	1.3	0.3	0.4	2	6
11	0.3	-0.7	0.3	-4	3
12	0.7	-0.4	0.4	-2	4
13	0.3	-0.7	0.3	-4	3
14	1.7	0.6	0.5	3	5
15	0.0	-1.1	0.2	-6	3
			Minimum:	-6	
			Maximum:	3	
			Average:	-1.3	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 12BWL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/14/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Uncertainty @ 95% CL
1	1.3	0.3	0.4	2	6
2	1.0	-0.1	0.4	0	4
3	0.3	-0.7	0.3	-4	3
4	0.7	-0.4	0.4	-2	4
5	1.0	-0.1	0.4	0	4
6	0.7	-0.4	0.4	-2	4
7	0.0	-1.1	0.2	-6	3
8	1.0	-0.1	0.4	0	4
9	0.3	-0.7	0.3	-4	3
10	0.3	-0.7	0.3	-4	3
11	0.0	-1.1	0.2	-6	3
12	0.7	-0.4	0.4	-2	4
13	1.0	-0.1	0.4	0	4
14	1.3	0.3	0.4	2	6
15	0.7	-0.4	0.4	-2	4
			Minimum:	-6	
			Maximum:	2	
			Average:	-1.9	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 13CFL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/14/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Uncertainty @ 95% CL
1	0.7	-0.4	0.4	-2	4
2	1.3	0.3	0.4	2	6
3	0.3	-0.7	0.3	-4	3
4	1.0	-0.1	0.4	0	4
5	1.0	-0.1	0.4	0	4
6	1.0	-0.1	0.4	0	4
7	1.0	-0.1	0.4	0	4
8	1.7	0.6	0.5	3	5
9	0.3	-0.7	0.3	-4	3
10	0.7	-0.4	0.4	-2	4
11	1.0	-0.1	0.4	0	4
12	1.3	0.3	0.4	2	6
13	0.3	-0.7	0.3	-4	3
14	1.0	-0.1	0.4	0	4
15	1.0	-0.1	0.4	0	4
			Minimum:	-4	
			Maximum:	3	
			Average:	-0.6	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 13CFL02
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/6/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	0.3	-0.7	0.3	-4	3
3	2.0	1.0	0.5	5	5
4	1.3	0.3	0.4	2	6
5	0.3	-0.7	0.3	-4	3
6	0.3	-0.7	0.3	-4	3
7	1.0	-0.1	0.4	0	4
8	1.0	-0.1	0.4	0	4
9	0.7	-0.4	0.4	-2	4
10	0.7	-0.4	0.4	-2	4
11	0.3	-0.7	0.3	-4	3
12	1.0	-0.1	0.4	0	4
13	1.3	0.3	0.4	2	6
14	1.3	0.3	0.4	2	6
15	0.7	-0.4	0.4	-2	4
			Minimum:	-4	
			Maximum:	5	
			Average:	-0.7	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 13CFL03
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/3/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	2.0	1.0	0.5	5	5
3	2.3	1.3	0.6	7	6
4	0.7	-0.4	0.4	-2	4
5	1.0	-0.1	0.4	0	4
6	0.3	-0.7	0.3	-4	3
7	1.7	0.6	0.5	3	5
8	0.3	-0.7	0.3	-4	3
9	0.7	-0.4	0.4	-2	4
10	1.0	-0.1	0.4	0	4
11	1.0	-0.1	0.4	0	4
12	1.0	-0.1	0.4	0	4
13	1.3	0.3	0.4	2	6
14	1.3	0.3	0.4	2	6
15	0.0	-1.1	0.2	-6	3
			Minimum:	-6	
			Maximum:	7	
			Average:	0.1	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 13CWL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/9/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Uncertainty @ 95% CL
1	1.3	0.3	0.4	2	6
2	1.0	-0.1	0.4	0	4
3	1.7	0.6	0.5	3	5
4	1.3	0.3	0.4	2	6
5	1.7	0.6	0.5	3	5
6	2.0	1.0	0.5	5	5
7	0.7	-0.4	0.4	-2	4
8	0.7	-0.4	0.4	-2	4
9	1.7	0.6	0.5	3	5
10	1.3	0.3	0.4	2	6
11	1.7	0.6	0.5	3	5
12	1.3	0.3	0.4	2	6
13	1.7	0.6	0.5	3	5
14	1.0	-0.1	0.4	0	4
15	0.0	-1.1	0.2	-6	3
			Minimum:	-6	
			Maximum:	5	
			Average:	1.2	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 13CWL02
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/3/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	1.3	0.3	0.4	2	6
3	0.3	-0.7	0.3	-4	3
4	0.7	-0.4	0.4	-2	4
5	1.0	-0.1	0.4	0	4
6	0.3	-0.7	0.3	-4	3
7	3.0	2.0	0.6	11	7
8	1.0	-0.1	0.4	0	4
9	1.0	-0.1	0.4	0	4
10	0.3	-0.7	0.3	-4	3
11	0.7	-0.4	0.4	-2	4
12	0.0	-1.1	0.2	-6	3
13	0.3	-0.7	0.3	-4	3
14	0.3	-0.7	0.3	-4	3
15	0.0	-1.1	0.2	-6	3
			Minimum:	-6	
			Maximum:	11	
			Average:	-1.5	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14AFL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/25/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.0	-1.1	0.2	-6	3
2	0.7	-0.4	0.4	-2	4
3	0.0	-1.1	0.2	-6	3
4	1.3	0.3	0.4	2	6
5	1.0	-0.1	0.4	0	4
6	0.3	-0.7	0.3	-4	3
7	1.3	0.3	0.4	2	6
8	1.3	0.3	0.4	2	6
9	2.3	1.3	0.6	7	6
10	0.3	-0.7	0.3	-4	3
11	1.0	-0.1	0.4	0	4
12	1.7	0.6	0.5	3	5
13	1.0	-0.1	0.4	0	4
14	1.0	-0.1	0.4	0	4
15	1.3	0.3	0.4	2	6
			Minimum:	-6	
			Maximum:	7	
			Average:	-0.3	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14AFL02
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/10/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.3	0.3	0.4	2	6
2	0.0	-1.1	0.2	-6	3
3	2.0	1.0	0.5	5	5
4	0.3	-0.7	0.3	-4	3
5	1.0	-0.1	0.4	0	4
6	1.3	0.3	0.4	2	6
7	2.0	1.0	0.5	5	5
8	1.3	0.3	0.4	2	6
9	2.0	1.0	0.5	5	5
10	1.3	0.3	0.4	2	6
11	1.0	-0.1	0.4	0	4
12	1.0	-0.1	0.4	0	4
13	2.3	1.3	0.6	7	6
14	0.7	-0.4	0.4	-2	4
15	1.0	-0.1	0.4	0	4
			Minimum:	-6	
			Maximum:	7	
			Average:	1.2	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14AWL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/14/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	0.3	-0.7	0.3	-4	3
3	1.3	0.3	0.4	2	6
4	0.7	-0.4	0.4	-2	4
5	1.3	0.3	0.4	2	6
6	0.0	-1.1	0.2	-6	3
7	0.3	-0.7	0.3	-4	3
8	1.0	-0.1	0.4	0	4
9	0.7	-0.4	0.4	-2	4
10	1.0	-0.1	0.4	0	4
11	1.0	-0.1	0.4	0	4
12	1.3	0.3	0.4	2	6
13	1.0	-0.1	0.4	0	4
14	0.3	-0.7	0.3	-4	3
15	1.7	0.6	0.5	3	5
			Minimum:	-6	
			Maximum:	3	
			Average:	-0.9	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14AWL02
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/14/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Uncertainty @ 95% CL
1	0.3	-0.7	0.3	-4	3
2	1.0	-0.1	0.4	0	4
3	1.3	0.3	0.4	2	6
4	1.0	-0.1	0.4	0	4
5	1.0	-0.1	0.4	0	4
6	1.0	-0.1	0.4	0	4
7	1.3	0.3	0.4	2	6
8	0.7	-0.4	0.4	-2	4
9	0.0	-1.1	0.2	-6	3
10	0.7	-0.4	0.4	-2	4
11	1.0	-0.1	0.4	0	4
12	0.3	-0.7	0.3	-4	3
13	0.7	-0.4	0.4	-2	4
14	0.0	-1.1	0.2	-6	3
15	1.0	-0.1	0.4	0	4
			Minimum:	-6	
			Maximum:	2	
			Average:	-1.5	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14BFL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/13/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	1.3	0.3	0.4	2	6
3	1.7	0.6	0.5	3	5
4	0.3	-0.7	0.3	-4	3
5	0.7	-0.4	0.4	-2	4
6	1.7	0.6	0.5	3	5
7	2.0	1.0	0.5	5	5
8	2.0	1.0	0.5	5	5
9	0.7	-0.4	0.4	-2	4
10	1.3	0.3	0.4	2	6
11	1.0	-0.1	0.4	0	4
12	1.3	0.3	0.4	2	6
13	1.3	0.3	0.4	2	6
14	1.3	0.3	0.4	2	6
15	0.7	-0.4	0.4	-2	4
			Minimum:	-4	
			Maximum:	5	
			Average:	1.1	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14BFL02
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/13/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.7	-0.4	0.4	-2	4
2	0.7	-0.4	0.4	-2	4
3	0.3	-0.7	0.3	-4	3
4	1.7	0.6	0.5	3	5
5	0.7	-0.4	0.4	-2	4
6	0.0	-1.1	0.2	-6	3
7	1.3	0.3	0.4	2	6
8	1.3	0.3	0.4	2	6
9	0.7	-0.4	0.4	-2	4
10	0.7	-0.4	0.4	-2	4
11	1.3	0.3	0.4	2	6
12	0.7	-0.4	0.4	-2	4
13	0.3	-0.7	0.3	-4	3
14	0.3	-0.7	0.3	-4	3
15	1.3	0.3	0.4	2	6
			Minimum:	-6	
			Maximum:	3	
			Average:	-1.3	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14BWL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/13/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	0.7	-0.4	0.4	-2	4
3	0.3	-0.7	0.3	-4	3
4	1.3	0.3	0.4	2	6
5	0.7	-0.4	0.4	-2	4
6	0.3	-0.7	0.3	-4	3
7	0.7	-0.4	0.4	-2	4
8	0.3	-0.7	0.3	-4	3
9	0.0	-1.1	0.2	-6	3
10	1.3	0.3	0.4	2	6
11	0.0	-1.1	0.2	-6	3
12	1.0	-0.1	0.4	0	4
13	0.0	-1.1	0.2	-6	3
14	0.7	-0.4	0.4	-2	4
15	0.0	-1.1	0.2	-6	3
			Minimum:	-6	
			Maximum:	2	
			Average:	-2.7	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14BWL02
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/13/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.0	-1.1	0.2	-6	3
2	0.0	-1.1	0.2	-6	3
3	0.3	-0.7	0.3	-4	3
4	0.7	-0.4	0.4	-2	4
5	0.0	-1.1	0.2	-6	3
6	0.7	-0.4	0.4	-2	4
7	1.0	-0.1	0.4	0	4
8	2.3	1.3	0.6	7	6
9	0.3	-0.7	0.3	-4	3
10	1.0	-0.1	0.4	0	4
11	0.3	-0.7	0.3	-4	3
12	0.0	-1.1	0.2	-6	3
13	1.0	-0.1	0.4	0	4
14	0.7	-0.4	0.4	-2	4
15	0.3	-0.7	0.3	-4	3
			Minimum:	-6	
			Maximum:	7	
			Average:	-2.6	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14CFL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/14/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.3	-0.7	0.3	-4	3
2	1.0	-0.1	0.4	0	4
3	0.7	-0.4	0.4	-2	4
4	1.0	-0.1	0.4	0	4
5	0.7	-0.4	0.4	-2	4
6	1.3	0.3	0.4	2	6
7	0.3	-0.7	0.3	-4	3
8	0.3	-0.7	0.3	-4	3
9	1.0	-0.1	0.4	0	4
10	0.7	-0.4	0.4	-2	4
11	0.7	-0.4	0.4	-2	4
12	1.0	-0.1	0.4	0	4
13	0.7	-0.4	0.4	-2	4
14	1.0	-0.1	0.4	0	4
15	2.0	1.0	0.5	5	5
			Minimum:	-4	
			Maximum:	5	
			Average:	-1.0	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14CWL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/15/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.7	-0.4	0.4	-2	4
2	1.3	0.3	0.4	2	6
3	1.0	-0.1	0.4	0	4
4	1.0	-0.1	0.4	0	4
5	1.3	0.3	0.4	2	6
6	1.0	-0.1	0.4	0	4
7	1.7	0.6	0.5	3	5
8	1.0	-0.1	0.4	0	4
9	0.7	-0.4	0.4	-2	4
10	1.0	-0.1	0.4	0	4
11	0.7	-0.4	0.4	-2	4
12	1.0	-0.1	0.4	0	4
13	1.0	-0.1	0.4	0	4
14	1.3	0.3	0.4	2	6
15	0.3	-0.7	0.3	-4	3
			Minimum:	-4	
			Maximum:	3	
			Average:	-0.1	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14DFL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/9/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.3	0.3	0.4	2	6
2	2.0	1.0	0.5	5	5
3	0.0	-1.1	0.2	-6	3
4	0.3	-0.7	0.3	-4	3
5	0.7	-0.4	0.4	-2	4
6	0.7	-0.4	0.4	-2	4
7	1.7	0.6	0.5	3	5
8	2.0	1.0	0.5	5	5
9	1.7	0.6	0.5	3	5
10	1.3	0.3	0.4	2	6
11	1.3	0.3	0.4	2	6
12	0.7	-0.4	0.4	-2	4
13	1.3	0.3	0.4	2	6
14	1.0	-0.1	0.4	0	4
15	2.0	1.0	0.5	5	5
			Minimum:	-6	
			Maximum:	5	
			Average:	0.9	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14DWL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/9/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Uncertainty @ 95% CL
1	0	-1.05	0.2	-6	3
2	0	-1.05	0.2	-6	3
3	1	-0.05	0.4	0	4
4	2	0.95	0.5	5	5
5	0	-1.05	0.2	-6	3
6	1	-0.05	0.4	0	4
7	1	-0.05	0.4	0	4
8	1	-0.05	0.4	0	4
9	1	-0.05	0.4	0	4
10	0	-1.05	0.2	-6	3
11	3	1.95	0.6	11	7
12	1	-0.05	0.4	0	4
13	1	-0.05	0.4	0	4
14	2	0.95	0.5	5	5
15	0	-1.05	0.2	-6	3
			Minimum:	-6	
			Maximum:	11	
			Average:	-0.6	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No		
Instrument:	2929	180729	**Instrument Efficiency:**	0.73 cpm/epm
Detector:	43-10	00176	**Efficiency Uncertainty:**	0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14EFL01
Description: Storage Area
Survey Date: 11/10/2005
Analysis Date: 11/25/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.3	-0.7	0.3	-4	3
2	0.3	-0.7	0.3	-4	3
3	0.0	-1.1	0.2	-6	3
4	1.0	-0.1	0.4	0	4
5	1.3	0.3	0.4	2	6
6	1.0	-0.1	0.4	0	4
7	1.0	-0.1	0.4	0	4
8	0.0	-1.1	0.2	-6	3
9	0.7	-0.4	0.4	-2	4
1	1.0	-0.1	0.4	0	4
11	1.0	-0.1	0.4	0	4
12	1.7	0.6	0.5	3	5
13	1.3	0.3	0.4	2	6
14	0.7	-0.4	0.4	-2	4
15	0.3	-0.7	0.3	-4	3
			Minimum:	-6	
			Maximum:	3	
			Average:	-1.4	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14EFL02
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/10/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.7	0.6	0.5	3	5
2	1.3	0.3	0.4	2	6
3	1.3	0.3	0.4	2	6
4	1.3	0.3	0.4	2	6
5	0.3	-0.7	0.3	-4	3
6	1.0	-0.1	0.4	0	4
7	0.0	-1.1	0.2	-6	3
8	1.7	0.6	0.5	3	5
9	0.3	-0.7	0.3	-4	3
10	1.7	0.6	0.5	3	5
11	0.7	-0.4	0.4	-2	4
12	1.3	0.3	0.4	2	6
13	1.0	-0.1	0.4	0	4
14	1.3	0.3	0.4	2	6
15	2.0	1.0	0.5	5	5
			Minimum:	-6	
			Maximum:	5	
			Average:	0.5	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14EFL03
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/10/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.0	-1.1	0.2	-6	3
2	0.7	-0.4	0.4	-2	4
3	0.0	-1.1	0.2	-6	3
4	1.0	-0.1	0.4	0	4
5	1.3	0.3	0.4	2	6
6	1.0	-0.1	0.4	0	4
7	1.3	0.3	0.4	2	6
8	1.7	0.6	0.5	3	5
9	1.3	0.3	0.4	2	6
10	1.3	0.3	0.4	2	6
11	0.0	-1.1	0.2	-6	3
12	0.7	-0.4	0.4	-2	4
13	1.0	-0.1	0.4	0	4
14	1.0	-0.1	0.4	0	4
15	0.3	-0.7	0.3	-4	3
			Minimum:	-6	
			Maximum:	3	
			Average:	-1.0	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14EFL04
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/10/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.7	0.6	0.5	3	5
2	1.0	-0.1	0.4	0	4
3	0.0	-1.1	0.2	-6	3
4	1.7	0.6	0.5	3	5
5	1.7	0.6	0.5	3	5
6	1.0	-0.1	0.4	0	4
7	0.7	-0.4	0.4	-2	4
8	0.7	-0.4	0.4	-2	4
9	0.3	-0.7	0.3	-4	3
10	0.0	-1.1	0.2	-6	3
11	0.7	-0.4	0.4	-2	4
12	2.0	1.0	0.5	5	5
13	1.0	-0.1	0.4	0	4
14	1.3	0.3	0.4	2	6
15	1.3	0.3	0.4	2	6
			Minimum:	-6	
			Maximum:	5	
			Average:	-0.3	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14EFL05
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/3/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.3	-0.7	0.3	-4	3
2	0.3	-0.7	0.3	-4	3
3	0.7	-0.4	0.4	-2	4
4	1.0	-0.1	0.4	0	4
5	1.0	-0.1	0.4	0	4
6	0.7	-0.4	0.4	-2	4
7	0.3	-0.7	0.3	-4	3
8	0.3	-0.7	0.3	-4	3
9	0.7	-0.4	0.4	-2	4
10	0.7	-0.4	0.4	-2	4
11	1.3	0.3	0.4	2	6
12	0.7	-0.4	0.4	-2	4
13	1.7	0.6	0.5	3	5
14	0.7	-0.4	0.4	-2	4
15	2.0	1.0	0.5	5	5
			Minimum:	-4	
			Maximum:	5	
			Average:	-1.2	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14EWL01
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/10/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	1.7	0.6	0.5	3	5
3	2.0	1.0	0.5	5	5
4	2.3	1.3	0.6	7	6
5	0.7	-0.4	0.4	-2	4
6	1.0	-0.1	0.4	0	4
7	1.7	0.6	0.5	3	5
8	2.3	1.3	0.6	7	6
9	1.0	-0.1	0.4	0	4
10	1.3	0.3	0.4	2	6
11	1.7	0.6	0.5	3	5
12	1.3	0.3	0.4	2	6
13	2.0	1.0	0.5	5	5
14	0.3	-0.7	0.3	-4	3
15	1.3	0.3	0.4	2	6
			Minimum:	-4	
			Maximum:	7	
			Average:	2.2	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14EWL02
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/10/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	2.0	1.0	0.5	5	5
2	1.7	0.6	0.5	3	5
3	1.7	0.6	0.5	3	5
4	2.0	1.0	0.5	5	5
5	0.7	-0.4	0.4	-2	4
6	0.3	-0.7	0.3	-4	3
7	1.7	0.6	0.5	3	5
8	2.0	1.0	0.5	5	5
9	0.7	-0.4	0.4	-2	4
10	1.3	0.3	0.4	2	6
11	2.0	1.0	0.5	5	5
12	2.0	1.0	0.5	5	5
13	1.3	0.3	0.4	2	6
14	1.3	0.3	0.4	2	6
15	2.0	1.0	0.5	5	5
			Minimum:	-4	
			Maximum:	5	
			Average:	2.5	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14EWL03
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/14/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.0	-1.1	0.2	-6	3
2	0.3	-0.7	0.3	-4	3
3	1.0	-0.1	0.4	0	4
4	1.0	-0.1	0.4	0	4
5	0.3	-0.7	0.3	-4	3
6	2.0	1.0	0.5	5	5
7	1.3	0.3	0.4	2	6
8	1.3	0.3	0.4	2	6
9	1.7	0.6	0.5	3	5
10	1.0	-0.1	0.4	0	4
11	1.3	0.3	0.4	2	6
12	1.3	0.3	0.4	2	6
13	1.0	-0.1	0.4	0	4
14	1.3	0.3	0.4	2	6
15	1.3	0.3	0.4	2	6
			Minimum:	-6	
			Maximum:	5	
			Average:	0.4	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14EWL04
Description: Storage Area
Survey Date: 6/22/2006
Analysis Date: 11/14/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.7	-0.4	0.4	-2	4
2	1.3	0.3	0.4	2	6
3	1.0	-0.1	0.4	0	4
4	1.0	-0.1	0.4	0	4
5	1.3	0.3	0.4	2	6
6	1.0	-0.1	0.4	0	4
7	0.7	-0.4	0.4	-2	4
8	1.0	-0.1	0.4	0	4
9	1.3	0.3	0.4	2	6
10	1.0	-0.1	0.4	0	4
11	1.7	0.6	0.5	3	5
12	0.3	-0.7	0.3	-4	3
13	0.0	-1.1	0.2	-6	3
14	0.7	-0.4	0.4	-2	4
15	0.3	-0.7	0.3	-4	3
			Minimum:	-6	
			Maximum:	3	
			Average:	-0.7	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: FHFL01
Description: Personnel Cleanup Area
Survey Date: 6/23/2006
Analysis Date: 11/1/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.0	-0.1	0.4	0	4
2	0.7	-0.4	0.4	-2	4
3	0.7	-0.4	0.4	-2	4
4	2.0	1.0	0.5	5	5
5	0.7	-0.4	0.4	-2	4
6	0.3	-0.7	0.3	-4	3
7	0.7	-0.4	0.4	-2	4
8	1.3	0.3	0.4	2	6
9	0.7	-0.4	0.4	-2	4
10	0.0	-1.1	0.2	-6	3
11	0.3	-0.7	0.3	-4	3
12	0.0	-1.1	0.2	-6	3
13	1.0	-0.1	0.4	0	4
14	2.0	1.0	0.5	5	5
15	1.3	0.3	0.4	2	6
			Minimum:	-6	
			Maximum:	5	
			Average:	-1.1	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: FHWL01
Description: Personnel Cleanup Area
Survey Date: 6/23/2006
Analysis Date: 11/1/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.3	-0.7	0.3	-4	3
2	0.3	-0.7	0.3	-4	3
3	1.3	0.3	0.4	2	6
4	1.0	-0.1	0.4	0	4
5	0.7	-0.4	0.4	-2	4
6	0.7	-0.4	0.4	-2	4
7	0.3	-0.7	0.3	-4	3
8	0.3	-0.7	0.3	-4	3
9	1.3	0.3	0.4	2	6
10	0.7	-0.4	0.4	-2	4
11	1.0	-0.1	0.4	0	4
12	1.3	0.3	0.4	2	6
13	0.3	-0.7	0.3	-4	3
14	1.0	-0.1	0.4	0	4
15	0.7	-0.4	0.4	-2	4
			Minimum:	-4	
			Maximum:	2	
			Average:	-1.5	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: FHFL02
Description: Firehouse Reference Area
Survey Date: 6/23/2006
Analysis Date: 11/1/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.7	-0.4	0.4	-2	4
2	0.3	-0.7	0.3	-4	3
3	0.7	-0.4	0.4	-2	4
4	1.3	0.3	0.4	2	6
5	1.3	0.3	0.4	2	6
6	0.7	-0.4	0.4	-2	4
7	0.7	-0.4	0.4	-2	4
8	1.0	-0.1	0.4	0	4
9	1.3	0.3	0.4	2	6
10	0.3	-0.7	0.3	-4	3
11	0.3	-0.7	0.3	-4	3
12	1.0	-0.1	0.4	0	4
13	1.3	0.3	0.4	2	6
14	0.7	-0.4	0.4	-2	4
15	0.3	-0.7	0.3	-4	3
			Minimum:	-4	
			Maximum:	2	
			Average:	-1.2	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: FHWL02
Description: Firehouse Reference Area
Survey Date: 6/23/2006
Analysis Date: 11/1/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.3	0.3	0.4	2	6
2	3.7	2.6	0.7	14	7
3	1.0	-0.1	0.4	0	4
4	2.7	1.6	0.6	9	7
5	1.0	-0.1	0.4	0	4
6	2.0	1.0	0.5	5	5
7	0.3	-0.7	0.3	-4	3
8	1.0	-0.1	0.4	0	4
9	2.3	1.3	0.6	7	6
10	1.7	0.6	0.5	3	5
11	1.3	0.3	0.4	2	6
12	2.7	1.6	0.6	9	7
13	2.3	1.3	0.6	7	6
14	3.3	2.3	0.7	13	7
15	2.3	1.3	0.6	7	6
			Minimum:	-4	
			Maximum:	14	
			Average:	4.9	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

APPENDIX E - BIAS AND DUPLICATES
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*Overhead & Upper Wall Bias Measurement

Summary of Smear Measurements - Alpha

Survey Unit: 10BFL01 Duplicate
Description: Storage Area
Survey Date: 11/10/2005
Analysis Date: 11/14/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1					
2					
3	2.0	1.0	0.5	5	5
4					
5					
6	2.3	1.3	0.6	7	6
7	3.0	2.0	0.6	11	7
8	1.7	0.6	0.5	3	5
9					
10					
11	1.7	0.6	0.5	3	5
12					
13					
14					
15	2.7	1.6	0.6	9	7
			Minimum:	3	
			Maximum:	11	
			Average:	6.3	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 11CFL01 Bias Sample
Description: Storage Area
Survey Date: 11/8/2005
Analysis Date: 11/25/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
16	2	0.95	0.5	5	5

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 11DFL01
Description: Sampling Area Duplicate
Survey Date: 11/8/2005
Analysis Date: 11/25/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.7	0.6	0.5	3	5
2	1.0	-0.1	0.4	0	4
3	1.0	-0.1	0.4	0	4
4	1.7	0.6	0.5	3	5
5	1.3	0.3	0.4	2	6
6	1.7	0.6	0.5	3	5
7	2.0	1.0	0.5	5	5
8	1.3	0.3	0.4	2	6
9	0.7	-0.4	0.4	-2	4
10	1.7	0.6	0.5	3	5
11	2.0	1.0	0.5	5	5
12	0.7	-0.4	0.4	-2	4
13	1.3	0.3	0.4	2	6
14	1.3	0.3	0.4	2	6
15	1.0	-0.1	0.4	0	4
			Minimum:	-2	
			Maximum:	5	
			Average:	1.7	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14EFL01
Description: Storage Area
Survey Date: 11/10/2005
Analysis Date: 11/25/2005

Bias

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
16	0	-1.05	0.2	-6	3

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: 14EWL02
Description: Storage Area Duplicate
Survey Date: 6/22/2006
Analysis Date: 11/10/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.3	0.3	0.4	2	6
2	0.7	-0.4	0.4	-2	4
3	1.3	0.3	0.4	2	6
4	1.0	-0.1	0.4	0	4
5	1.3	0.3	0.4	2	6
6	1.3	0.3	0.4	2	6
7	1.3	0.3	0.4	2	6
8	0.7	-0.4	0.4	-2	4
9	0.7	-0.4	0.4	-2	4
10	0.7	-0.4	0.4	-2	4
11	0.3	-0.7	0.3	-4	3
12	0.3	-0.7	0.3	-4	3
13	0.3	-0.7	0.3	-4	3
14	0.7	-0.4	0.4	-2	4
15	1.0	-0.1	0.4	0	4
			Minimum:	-4	
			Maximum:	2	
			Average:	-0.8	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: FHFL01
Description: Storage Area Bias
Survey Date: 11/10/2005
Analysis Date: 11/25/2005

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.7	-0.4	0.4	-2	4
2	0.7	-0.4	0.4	-2	4
3	3.0	2.0	0.6	11	7
4	1.0	-0.1	0.4	0	4
5	0.7	-0.4	0.4	-2	4
6	0.7	-0.4	0.4	-2	4

Minimum: -2
Maximum: 11
Average: 0.5

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Area: WH 8 A
Description: Overhead & Upper Wall Bias
Survey Date: 7/5/2006
Analysis Date: 11/2/2006

Location	N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
8acb01-1	1	0.7	-0.4	0.4	-2	4
8acb01-2	2	0.3	-0.7	0.3	-4	3
8awb01	3	0.7	-0.4	0.4	-2	4

Minimum: -4
Maximum: -2
Average: -2.7

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No		
Instrument:	2929	180729	**Instrument Efficiency:**	0.73 cpm/epm
Detector:	43-10	00176	**Efficiency Uncertainty:**	0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: WH 10 B
Description: Overhead & Upper Wall Bias
Survey Date: 6/19/2006
Analysis Date: 11/2/2006

	N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
10bcb01-1	1	1.0	-0.1	0.4	0	4
10bcb01-2	2	1.0	-0.1	0.4	0	4
10bcb02-1	3	0.7	-0.4	0.4	-2	4
10bcb02-2	4	1.0	-0.1	0.4	0	4
10bcb03-1	5	0.0	-1.1	0.2	-6	3
10bcb03-2	6	1.0	-0.1	0.4	0	4
10bwb01-1	7	0.0	-1.1	0.2	-6	3
10bwb01-2	8	1.0	-0.1	0.4	0	4

Minimum: -6
Maximum: 0
Average: -1.8

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: WH 11 C
Description: Overhead & Upper Wall Bias
Survey Date: 6/20/2006
Analysis Date: 11/2/2006

	N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
11ccb01-1	1	0.7	-0.4	0.4	-2	4
11ccb01-2	2	1.0	-0.1	0.4	0	4
11ccb02-1	3	0.0	-1.1	0.2	-6	3
11ccb02-2	4	1.0	-0.1	0.4	0	4
11cwb01	5	1.0	-0.1	0.4	0	4

Minimum: -6
Maximum: 0
Average: -1.6

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: WH 11 D
Description: Overhead & Upper Wall Bias
Survey Date: 6/20/2006
Analysis Date: 11/2/2006

	N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
11DCB01-2	1	0.3	-0.7	0.3	-4	3
11DCB01-1	2	0.7	-0.4	0.4	-2	4
11DWB01	3	1.0	-0.1	0.4	0	4

Minimum: -4
Maximum: 0
Average: -2.0

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No		
Instrument:	2929	180729	**Instrument Efficiency:**	0.73 cpm/epm
Detector:	43-10	00176	**Efficiency Uncertainty:**	0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: WH 11 D drains
Description: Bias Samples by Swabs
Survey Date: 6/22/2006
Analysis Date: 11/2/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	0.7	-0.4	0.4	-2	4
2	1.7	0.6	0.5	3	5
3	1.3	0.3	0.4	2	6

Minimum: -2
Maximum: 3
Average: 1.0

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: WH 12 A
Description: Overhead & Upper Wall Bias
Survey Date: 6/23/2006
Analysis Date: 11/2/2006

	N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
12ACB01-1	1	1.7	0.6	0.5	3	5
12ACB01-2	2	1.3	0.3	0.4	2	6
12AWB01	3	1.0	-0.1	0.4	0	0

Minimum: 0
Maximum: 3
Average: 1.7

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: WH 12A drains **2 of them**
Description: Bias Samples by Swabs
Survey Date: 6/22/2006
Analysis Date: 11/2/2006

N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
1	1.3	0.3	0.4	2	6
2	1.0	-0.1	0.4	0	4

Minimum: 0
Maximum: 2
Average: 1.0

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: WH 12 B
Description: Overhead & Upper Wall Bias
Survey Date: 6/23/2006
Analysis Date: 11/2/2006

	N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
12BCB01-1	1	1.7	0.6	0.5	3	5
12BCB01-2	2	1.0	-0.1	0.4	0	4
12BCB02-1	3	0.7	-0.4	0.4	-2	4
12BCB02-2	4	1.0	-0.1	0.4	0	4
12BWB01	5	1.3	0.3	0.4	2	6

Minimum: -2
Maximum: 3
Average: 0.6

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: WH 13 C
Description: Overhead & Upper Wall Bias
Survey Date: 6/23/2006
Analysis Date: 11/2/2006

	N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
13CCB01-1	1	0.0	-1.1	0.2	-6	3
13CCB01-2	2	0.7	-0.4	0.4	-2	4
13CCB02-1	3	0.0	-1.1	0.2	-6	3
13CCB02-2	4	1.7	0.6	0.5	3	5
13CCB03-1	5	1.3	0.3	0.4	2	6
13CCB03-2	6	1.0	-0.1	0.4	0	4
13CWB02	7	0.3	-0.7	0.3	-4	3
13CWB03	8	2.7	1.6	0.6	9	7

Minimum: -6
Maximum: 9
Average: -0.5

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: WH 14 A
Description: Overhead & Upper Wall Bias
Survey Date: 6/21/2006
Analysis Date: 11/2/2006

	N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
14ACB01-1	1	1.3	0.3	0.4	2	6
14ACB01-2	2	1.7	0.6	0.5	3	5
14ACB02-1	3	0.7	-0.4	0.4	-2	4
14ACB02-2	4	0.7	-0.4	0.4	-2	4
14AWB01	5	1.7	0.6	0.5	3	5
14AWB02	6	0.0	-1.1	0.2	-6	3

Minimum: -6
Maximum: 3
Average: -0.3

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: WH 14 B
Description: Overhead & Upper Wall Bias
Survey Date: 6/21/2006
Analysis Date: 11/2/2006

	N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
14BCB01-1	1	1.0	-0.1	0.4	0	4
14BCB01-2	2	2.0	1.0	0.5	5	5
14BCB02-1	3	1.3	0.3	0.4	2	6
14BCB02-2	4	1.3	0.3	0.4	2	6
14BWB01	5	0.7	-0.4	0.4	-2	4
14BWB02	6	0.0	-1.1	0.2	-6	3

Minimum: -6
Maximum: 5
Average: 0.2

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: WH 14 C
Description: Overhead & Upper Wall Bias
Survey Date: 6/21/2006
Analysis Date: 11/2/2006

	N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
14CCB01-1	1	0.0	-1.1	0.2	-6	3
14CCB01-2	2	1.0	-0.1	0.4	0	4
14CWB01	3	1.7	0.6	0.5	3	5

Minimum: -6
Maximum: 3
Average: -1.0

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: WH 14 E
Description: Overhead & Upper Wall Bias
Survey Date: 6/21/2006
Analysis Date: 11/2/2006

	N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
14ECB01-1	1	1.0	-0.1	0.4	0	4
14ECB01-2	2	0.3	-0.7	0.3	-4	3
14ECB02-1	3	1.0	-0.1	0.4	0	4
14ECB02-2	4	0.3	-0.7	0.3	-4	3
14ECB03-1	5	1.0	-0.1	0.4	0	4
14ECB03-2	6	0.0	-1.1	0.2	-6	3
14ECB04-1	7	0.7	-0.4	0.4	-2	4
14ECB04-2	8	1.0	-0.1	0.4	0	0
14ECB05-1	9	0.7	-0.4	0.4	-2	4
14ECB05-2	10	0.0	-1.1	0.2	-6	3
14EWB01	11	0.3	-0.7	0.3	-4	3
14EWB02	12	1.0	-0.1	0.4	0	4
14EWB03	13	0.7	-0.4	0.4	-2	4
14EWB04	14	1.0	-0.1	0.4	0	4
				Minimum:	-6	
				Maximum:	0	
				Average:	-2.1	

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

Summary of Smear Measurements - Alpha

Survey Unit: Firehouse
Description: Sink and Floor drains
Survey Date: 6/22/2006
Analysis Date: 11/2/2006

	N	GCPM	NCPM	NCPM Uncertainty	Net (αpm/100 cm²) Activity	Net (αpm/100 cm²) Uncertainty @ 95% CL
fh1	1	1.0	-0.1	0.4	0	4
fh2	2	1.3	0.3	0.4	2	6
fh3	3	0.7	-0.4	0.4	-2	4
fh4	4	0.3	-0.7	0.3	-4	3

Minimum: -4
Maximum: 2
Average: -1.0

Analysis Parameters

Instrument Background:	1.05 cpm	**Sample Time:**	3 min
Background Count Time:	20 min	**MDC:**	17 αpm/100 cm²
Surface Efficiency:	0.25 epm/dpm	**Total Eff.:**	0.183 cpm/dpm
Smear Area:	100 cm²	**Total Eff Uncert:**	0.010 cpm/dpm

Instrument Data

	Model	Serial No
Instrument:	2929	180729
Detector:	43-10	00176
Detector:	43-10	00176

Instrument Efficiency: 0.73 cpm/epm
Efficiency Uncertainty: 0.007 cpm/epm

APPENDIX F

SUMMARY OF INDIVIDUAL SURVEY UNIT RESULTS

APPENDIX F- SUMMARY OF INDIVIDUAL SURVEY UNIT RESULTS

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SURVEY RESULTS

Survey Unit 8AFL01

Description Concrete Floor

Maps & Drawings

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Survey Unit Drawing:	5
Reference Building Map:	4
Reference Building Section Map:	4
Reference Unit Drawing:	9

Statics

	N	Net Activity (αpm/100cm²)				MDC (αpm/100cm²)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	16	-10	52	18	42
Bias Statics:	2	-2	-8	5	9	42
Bias Ceiling Area & Walls:	3	-2	-5	0	3	42

Scans

	N	Average Activity (αpm/100cm²)	Total Area Scanned (ft²)	Area Scanned per Point (ft²)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm²)	Required scanMDC (αpm/100cm²)
SU Scans:	15	3	510	34.0	1.7	572	681
Bias Ceiling Area & Walls:	3	-4	7	2.3	3	272	681

Smears

	N	Activity (αpm/100cm²)			MDC (αpm/100cm²)
		Average	Minimum	Maximum	
SU Smears:	15	4	-2	13	17
Bias Ceiling Area & Walls:	3	-3	-4	-2	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 8AFL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 8AWL01

Description Block Wall sith some brick

Maps & Drawings		Appendix A - Page
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	Section Map:	4
	Survey Unit Drawing:	7
	Reference Building Map:	4
	Reference Building Section Map:	4
	Reference Unit Drawing:	11

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)	
		Average	Minimum	Maximum	Sigma		
SU Statics:	12	4	-16	16	13	42	Block
SU Statics:	2	8	-8	24	23	42	Brick
Bias Ceiling Area & Walls:	3	-2	-5	0	3	42	

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	14	2	115	8.2	3.5	405	681
Bias Ceiling Area & Walls:	3	-4	7	2.3	3	272	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	1	-3	8	17
Bias Ceiling Area & Walls:	3	-3	-4	-2	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 8AWL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 10BFL01

Description Concrete Floor

Maps & Drawings		Appendix A - Page
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	Section Map:	23
	Survey Unit Drawing:	24
	Reference Building Map:	15
	Reference Building Section Map:	16
	Reference Unit Drawing:	17

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-3	-25	32	19	75
Bias Ceiling Area & Walls:	8	-6	-25	21	14	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-6	150	10.0	3.1	509	705
Bias Ceiling Area & Walls:	8	-8	18	2.3	2.3	682	705

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-6	3	17
Duplicate:	6	6	3	11	17
Bias Ceiling Area & Walls:	8	-2	-6	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 10BFL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 10BFL02

Description Concrete Floor

Maps & Drawings		Appendix A - Page
	Building Map:	15
	Section Map:	23
	Survey Unit Drawing:	26
	Reference Building Map:	15
	Reference Building Section Map:	16
	Reference Unit Drawing:	17

Statics	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-8	-25	21	17	75
Duplicates	6	19	11	31	8	75
Bias Ceiling Area & Walls:	8	-6	-25	21	14	42

Scans	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	11	60	4.0	2.5	632	705
Bias Ceiling Area & Walls:	8	-8	18	2.3	2.3	682	705

Smears	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-6	11	17
Bias Ceiling Area & Walls:	8	0	-4	3	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 10BFL02 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 10BFL03

Description Concrete Floor

Maps & Drawings		Appendix A - Page
	Building Map:	15
	Section Map:	23
	Survey Unit Drawing:	28
	Reference Building Map:	15
	Reference Building Section Map:	16
	Reference Unit Drawing:	17

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-8	-25	32	18	75
Bias Ceiling Area & Walls:	8	-6	-25	21	14	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-4	20	1.3	3.7	427	867
Bias Ceiling Area & Walls:	8	-8	18	2.3	2.3	682	705

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	1	-6	5	17
Bias Ceiling Area & Walls:	8	-2	-6	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 10BFL03 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 10BWL01

Description Block and Brick Wall

Maps & Drawings		Appendix A - Page
	Building Map:	15
	Section Map:	23
	Survey Unit Drawing:	30
	Reference Building Map:	15
	Reference Building Section Map:	16
	Reference Unit Drawing:	19&21

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)	
		Average	Minimum	Maximum	Sigma		
SU Statics:	9	-8	-29	17	15	75	Block
SU Statics:	5	-14	-25	9	16	75	Brick
Bias Ceiling Area & Walls:	8	-6	-25	21	14	42	

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-12	27	2.0	2.5	638	705
Bias Ceiling Area & Walls:	8	-8	18	2.3	2.3	682	705

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-6	11	17
Bias Ceiling Area & Walls:	8	-2	-6	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 10BWL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 11CFL01

Description Concrete Floor

		Appendix A - Page
Maps & Drawings	Building Map:	32
	Section Map:	33
	Survey Unit Drawing:	34
	Reference Building Map:	15
	Reference Building Section Map:	16
	Reference Unit Drawing:	17

Statics	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	21	-2	21	32	75
Bias Statics:	1	-8				75
Duplicates:	15	12	-8	31	13	75
Bias Ceiling Area & Walls:	5	-9	-16	6	10	42

Scans	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-8	30	2.0	2.6	609	801
Bias Ceiling Area & Walls:	5	-4	10	2.0	2.1	754	801

Smears	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	2	-4	13	17
Bias:	1	-4	-4	-4	17
Bias Ceiling Area & Walls:	5	-2	-6	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 11CFL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 11CFL02

Description Concrete Floor

Maps & Drawings

	Appendix A - Page
Building Map:	32
Section Map:	33
Survey Unit Drawing:	36
Reference Building Map:	15
Reference Building Section Map:	16
Reference Unit Drawing:	17

Statics

	N	Net Activity (αpm/100cm^2) Average	Minimum	Maximum	Sigma	MDC (αpm/100cm^2)
SU Statics:	15	14	-14	32	14	75
Bias Ceiling Area & Walls:	5	-9	-16	6	10	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-1	13	0.9	5.0	314	801
Bias Ceiling Area & Walls:	5	-4	10	2.0	2.1	754	801

Smears

	N	Activity (αpm/100cm^2) Average	Minimum	Maximum	MDC (αpm/100cm^2)
SU Smears:	15	-1	-6	5	17
Bias Ceiling Area & Walls:	5	-2	-6	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 11CFL02 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 11CWL01

Description Block Wall with Metal Door Frame

Maps & Drawings		Appendix A - Page
	Building Map:	32
	Section Map:	33
	Survey Unit Drawing:	38
	Reference Building Map:	15
	Reference Building Section Map:	16
	Reference Unit Drawing:	19&21

Statics	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)	
		Average	Minimum	Maximum	Sigma		
SU Statics:	14	21	-29	40	21	75	Block
SU Statics:	1	-8				75	Metal
Bias Ceiling Area & Walls:	5	-9	-16	6	10	42	

Scans	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-14	13	0.9	4.1	383	801
Bias Ceiling Area & Walls:	5	-4	10	2.0	2.1	754	801

Smears	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	0	-6	3	17
Bias Ceiling Area & Walls:	5	-2	-6	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 11CWL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 11DFL01

Description Concrete Floor

		Appendix A - Page
Maps & Drawings	Building Map:	32
	Section Map:	40
	Survey Unit Drawing:	41
	Reference Building Map:	15
	Reference Building Section Map:	16
	Reference Unit Drawing:	17

Statics	N	Net Activity (αpm/100cm²)				MDC (αpm/100cm²)
		Average	Minimum	Maximum	Sigma	
SU Statics:	16	-4	-25	32	17	75
Bias Statics:	1	18				75
Duplicates:	15	22	-8	76	22	75
Bias Ceiling Area & Walls:	3	2	-6	6	7	42

Scans	N	Average Activity (αpm/100cm²)	Total Area Scanned (ft²)	Area Scanned per Point (ft²)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm²)	Required scanMDC (αpm/100cm²)
SU Scans:	15	3	60	3.8	2.5	622	681
Bias Ceiling Area & Walls:	3	-2	7	2.3	2.8	567	681

Smears	N	Activity (αpm/100cm²)			MDC (αpm/100cm²)
		Average	Minimum	Maximum	
SU Smears:	15	2	-2	13	17
Duplicate:	15	2	-2	13	17
Bias Drains:	3	1	-2	3	17
Bias Ceiling Area & Walls:	3	-2	-4	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 11DFL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 11DWL01

Description Wood Walls

Maps & Drawings		Appendix A - Page
	Building Map:	32
	Section Map:	40
	Survey Unit Drawing:	43
	Reference Building Map:	15
	Reference Building Section Map:	16
	Reference Unit Drawing:	19&21

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	0	-16	36	14	42
Bias Ceiling Area & Walls:	3	2	-6	6	7	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-5	23	1.5	3.7	430	681
Bias Ceiling Area & Walls:	3	-2	7	2.3	2.8	567	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-6	11	17
Bias Ceiling Area & Walls:	3	-2	-4	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 11DWL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 12AFL01

Description Concrete Floor

Maps & Drawings		Appendix A - Page
	Building Map:	45
	Section Map:	46
	Survey Unit Drawing:	47
	Reference Building Map:	15
	Reference Building Section Map:	16
	Reference Unit Drawing:	17

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-5	-25	21	16	75
Bias Ceiling Area & Walls:	3	-2	-6	6	7	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-8	20	1.4	5.4	296	705
Bias Ceiling Area & Walls:	3	-6	6	2.0	2.5	635	705

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	0	-4	3	17
Bias Ceiling Area & Walls:	3	2	0	3	17
Drains:	2	1	0	2	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 12AFL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 12AWL01

Description Block Wall

		Appendix A - Page
Maps & Drawings	Building Map:	45
	Section Map:	46
	Survey Unit Drawing:	49
	Reference Building Map:	15
	Reference Building Section Map:	16
	Reference Unit Drawing:	19

Statics	N	Net Activity (αpm/100cm²)				MDC (αpm/100cm²)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	3	-29	51	20	75
Bias Ceiling Area & Walls:	3	-2	-6	6	7	42

Scans	N	Average Activity (αpm/100cm²)	Total Area Scanned (ft²)	Area Scanned per Point (ft²)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm²)	Required scanMDC (αpm/100cm²)
SU Scans:	15	-13	14	0.9	4.2	378	705
Bias Ceiling Area & Walls:	3	-6	6	2.0	2.5	635	705

Smears	N	Activity (αpm/100cm²)			MDC (αpm/100cm²)
		Average	Minimum	Maximum	
SU Smears:	15	2	-6	7	17
Bias Ceiling Area & Walls:	3	2	0	3	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 12AWL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 12BFL01

Description Concrete Floor

Maps & Drawings

	Appendix A - Page
Building Map:	45
Section Map:	51
Survey Unit Drawing:	52
Reference Building Map:	15
Reference Building Section Map:	16
Reference Unit Drawing:	17

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-8	-25	21	13	75
Bias Ceiling Area & Walls:	5	-3	-17	6	10	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-17	20	1.3	2.5	629	867
Bias Ceiling Area & Walls:	5	6	11	2.3	2.4	662	867

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-2	-6	3	17
Bias Ceiling Area & Walls:	5	1	0	3	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 12BFL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 12BFL02

Description Concrete Floor

Maps & Drawings

	Appendix A - Page
Building Map:	45
Section Map:	51
Survey Unit Drawing:	56
Reference Building Map:	15
Reference Building Section Map:	16
Reference Unit Drawing:	17

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-7	-25	21	14	75
Bias Ceiling Area & Walls:	5	-3	-17	6	10	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-15	20	1.3	2.7	594	867
Bias Ceiling Area & Walls:	5	6	11	2.3	2.4	662	867

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-6	3	17
Bias Ceiling Area & Walls:	5	1	0	3	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 12BFL02 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 12BWL01

Description Block and Wood Walls

Maps & Drawings

	Appendix A - Page
Building Map:	45
Section Map:	51
Survey Unit Drawing:	54
Reference Building Map:	15
Reference Building Section Map:	16
Reference Unit Drawing:	19

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)	
		Average	Minimum	Maximum	Sigma		
SU Statics:	12	-8	-29	29	18	75	Block
SU Statics:	1	5				75	Wood
Bias Ceiling Area & Walls:	5	-3	-17	6	10	42	

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-14	11	0.9	3.5	454	867
Bias Ceiling Area & Walls:	5	6	11	2.3	2.4	662	867

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-2	-6	2	17
Bias Ceiling Area & Walls:	5	1	0	3	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 12BWL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 13CFL01

Description Concrete Floor

Maps & Drawings

	Appendix A - Page
Building Map:	58
Section Map:	59
Survey Unit Drawing:	60
Reference Building Map:	15
Reference Building Section Map:	16
Reference Unit Drawing:	17

Statics

	N	Net Activity (αpm/100cm²)				MDC (αpm/100cm²)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-8	-25	21	14	75
Bias Ceiling Area & Walls:	8	-10	17	6	8	42

Scans

	N	Average Activity (αpm/100cm²)	Total Area Scanned (ft²)	Area Scanned per Point (ft²)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm²)	Required scanMDC (αpm/100cm²)
SU Scans:	15	5	60	4.0	2.3	680	780
Bias Ceiling Area & Walls:	8	-13	18	2.3	2.4	657	681

Smears

	N	Activity (αpm/100cm²)			MDC (αpm/100cm²)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-4	3	17
Bias Ceiling Area & Walls:	8	-1	-6	9	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_W$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 13FL01 satisfied the $DCGL_W$.

SURVEY RESULTS

Survey Unit 13CFL02

Description Concrete Floor

Maps & Drawings		Appendix A - Page
	Building Map:	58
	Section Map:	59
	Survey Unit Drawing:	62
	Reference Building Map:	15
	Reference Building Section Map:	16
	Reference Unit Drawing:	17

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-11	-25	21	16	75
Bias Ceiling Area & Walls:	8	-10	17	6	8	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	5	60	4.0	2.6	607	681
Bias Ceiling Area & Walls:	8	-13	18	2.3	2.4	657	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-4	5	17
Bias Ceiling Area & Walls:	8	-1	-6	9	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 13CFL02 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 13CFL03

Description Concrete Floor

Maps & Drawings

	Appendix A - Page
Building Map:	58
Section Map:	59
Survey Unit Drawing:	64
Reference Building Map:	15
Reference Building Section Map:	16
Reference Unit Drawing:	17

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-33	-48	-17	12	42
Bias Ceiling Area & Walls:	8	-10	17	6	8	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	12	60	4.0	2.4	656	780
Bias Ceiling Area & Walls:	8	-13	18	2.3	2.4	657	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	0	-6	7	17
Bias Ceiling Area & Walls:	8	-1	-6	9	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 13CFL03 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 13CWL01

Description Block Wall

Maps & Drawings		Appendix A - Page
	Building Map:	58
	Section Map:	59
	Survey Unit Drawing:	66
	Reference Building Map:	15
	Reference Building Section Map:	16
	Reference Unit Drawing:	19

Statics	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-26	-48	-6	14	42
Bias Ceiling Area & Walls:	8	-10	17	6	8	42

Scans	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-14	28	2.0	2.2	705	780
Bias Ceiling Area & Walls:	8	-13	18	2.3	2.4	657	681

Smears	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	1	-6	5	17
Bias Ceiling Area & Walls:	8	-1	-6	9	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 13CWL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 13CWL02

Description Block Wall

		Appendix A - Page
Maps & Drawings	Building Map:	58
	Section Map:	59
	Survey Unit Drawing:	68
	Reference Building Map:	15
	Reference Building Section Map:	16
	Reference Unit Drawing:	19

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	13	-27	-48	4	17	42
Bias Ceiling Area & Walls:	8	-10	17	6	8	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-14	31	2.4	2.5	641	681
Bias Ceiling Area & Walls:	8	-13	18	2.3	2.4	657	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-2	-6	11	17
Bias Ceiling Area & Walls:	8	-1	-6	9	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 13CWL02 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14AFL01

Description Concrete Floor

Maps & Drawings		Appendix A - Page
	Building Map:	70
	Section Map:	71
	Survey Unit Drawing:	72
	Reference Building Map:	70
	Reference Building Section Map:	94
	Reference Unit Drawing:	95

Statics	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-19	-32	-1	12	42
Bias Ceiling Area & Walls:	6	-18	-29	8	15	42

Scans	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-13	63	4.2	2.9	502	681
Bias Ceiling Area & Walls:	6	-9	12	2.0	2.3	632	681

Smears	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	0	-6	7	17
Bias Ceiling Area & Walls:	6	0	-6	3	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14AFL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14AFL02

Description Concrete Floor

Maps & Drawings		Appendix A - Page
	Building Map:	70
	Section Map:	71
	Survey Unit Drawing:	74
	Reference Building Map:	70
	Reference Building Section Map:	94
	Reference Unit Drawing:	95

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-17	-32	10	12	42
Bias Ceiling Area & Walls:	6	-18	-29	8	15	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-16	50	3.3	2.6	544	780
Bias Ceiling Area & Walls:	6	-9	12	2.0	2.3	632	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	1	-6	7	17
Bias Ceiling Area & Walls:	6	0	-6	3	17

Discussion *No static or smear measurement result exceeded a small fraction of the* $DCGL_w$. *No anomalous data was* noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14AFL02 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14AWL01

Description Block Wall

Maps & Drawings

	Appendix A - Page
Building Map:	70
Section Map:	71
Survey Unit Drawing:	76
Reference Building Map:	70
Reference Building Section Map:	94
Reference Unit Drawing:	97

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	14	4	-23	39	17	42
Bias Ceiling Area & Walls:	6	-18	-29	8	15	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-18	18	1.2	2.7	540	681
Bias Ceiling Area & Walls:	6	-9	12	2.0	2.3	632	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-6	3	17
Bias Ceiling Area & Walls:	6	0	-6	3	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14AWL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14AWL02

Description Block Wall

Maps & Drawings		Appendix A - Page
	Building Map:	70
	Section Map:	71
	Survey Unit Drawing:	78
	Reference Building Map:	70
	Reference Building Section Map:	94
	Reference Unit Drawing:	97

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-12	-23	8	10	42
Bias Ceiling Area & Walls:	6	-18	-29	8	15	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-11	20	1.3	2.5	566	780
Bias Ceiling Area & Walls:	6	-9	12	2.0	2.3	632	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-6	2	17
Bias Ceiling Area & Walls:	6	0	-6	3	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14AWL02 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14BFL01

Description Concrete Floor

Maps & Drawings		Appendix A - Page
	Building Map:	70
	Section Map:	80
	Survey Unit Drawing:	81
	Reference Building Map:	70
	Reference Building Section Map:	94
	Reference Unit Drawing:	95

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-18	-32	10	16	42
Bias Ceiling Area & Walls:	6	-6	-33	26	23	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-16	50	3.3	2.4	595	681
Bias Ceiling Area & Walls:	6	-14	14	2.3	2.5	564	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	1	-4	5	17
Bias Ceiling Area & Walls:	6	0	-6	5	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14BFL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14BFL02

Description Concrete Floor

Maps & Drawings

	Appendix A - Page
Building Map:	70
Section Map:	80
Survey Unit Drawing:	83
Reference Building Map:	70
Reference Building Section Map:	94
Reference Unit Drawing:	95

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-12	-32	10	16	42
Bias Ceiling Area & Walls:	6	-6	-33	26	23	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-6	63	4.2	2.2	646	780
Bias Ceiling Area & Walls:	6	-14	14	2.3	2.5	564	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-6	3	17
Bias Ceiling Area & Walls:	6	0	-6	5	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14BFL02 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14BWL01

Description Block Wall

Maps & Drawings

	Appendix A - Page
Building Map:	70
Section Map:	80
Survey Unit Drawing:	85
Reference Building Map:	70
Reference Building Section Map:	94
Reference Unit Drawing:	97

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-5	-23	29	16	42
Bias Ceiling Area & Walls:	6	-6	-33	26	23	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-13	15	1.0	3.4	425	681
Bias Ceiling Area & Walls:	6	-14	14	2.3	2.5	564	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-3	-6	2	17
Bias Ceiling Area & Walls:	6	0	-6	5	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14BWL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14BWL02

Description Block Wall

Maps & Drawings		Appendix A - Page
	Building Map:	70
	Section Map:	80
	Survey Unit Drawing:	87
	Reference Building Map:	70
	Reference Building Section Map:	94
	Reference Unit Drawing:	97

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-11	-33	39	20	42
Bias Ceiling Area & Walls:	6	-6	-33	26	23	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-19	20	1.3	3.2	443	780
Bias Ceiling Area & Walls:	6	-14	14	2.3	2.5	564	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-3	-6	7	17
Bias Ceiling Area & Walls:	6	0	-6	5	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14BWL02 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14CFL01

Description Concrete Floor

Maps & Drawings

	Appendix A - Page
Building Map:	70
Section Map:	89
Survey Unit Drawing:	90
Reference Building Map:	70
Reference Building Section Map:	94
Reference Unit Drawing:	95

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-3	-32	30	17	42
Bias Ceiling Area & Walls:	3	-30	-33	-29	2	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	0	50	3.3	2.4	589	681
Bias Ceiling Area & Walls:	3	-20	7	2.2	2.1	677	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-4	5	17
Bias Ceiling Area & Walls:	3	-1	-6	3	17

Discussion No static or smear measurement result exceeded a small fraction of the DCGL$_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14CFL01 satisfied the DCGL$_w$.

SURVEY RESULTS

Survey Unit 14CWL01

Description Block Wall

Maps & Drawings

	Appendix A - Page
Building Map:	70
Section Map:	89
Survey Unit Drawing:	92
Reference Building Map:	70
Reference Building Section Map:	94
Reference Unit Drawing:	97

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	14	2	-23	19	14	42
Bias Ceiling Area & Walls:	3	-30	-33	-29	2	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	14	-19	20	1.3	2.3	620	681
Bias Ceiling Area & Walls:	3	-20	7	2.2	2.1	677	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	14	0	-4	3	17
Bias Ceiling Area & Walls:	3	-1	-6	3	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14CWL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14EFL01

Description Concrete Floor

Maps & Drawings		Appendix A - Page
	Building Map:	70
	Section Map:	99
	Survey Unit Drawing:	100
	Reference Building Map:	70
	Reference Building Section Map:	94
	Reference Unit Drawing:	95

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	6	-20	32	17	42
Bias Statics:	1	-8				75
Duplicates:	15	-2	-28	24	17	75
Bias Ceiling Area & Walls:	14	-7	-33	39	20	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-12	142	9.5	1.7	656	681
Bias Ceiling Area & Walls:	14	-14	32	2.3	2.6	552	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-6	3	17
Bias:	1	-4	-4	-4	17
Bias Ceiling Area & Walls:	14	-2	-6	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14EFL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14EFL02

Description Concrete Floor

Maps & Drawings		Page
	Building Map:	70
	Section Map:	99
	Survey Unit Drawing:	102
	Reference Building Map:	70
	Reference Building Section Map:	94
	Reference Unit Drawing:	95

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-1	-21	41	19	42
Bias Ceiling Area & Walls:	14	-7	-33	39	20	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	17	63	4.2	2.7	523	681
Bias Ceiling Area & Walls:	14	-14	32	2.3	2.6	552	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	1	-6	5	17
Bias Ceiling Area & Walls:	14	-2	-6	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14EFL02 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14EFL03

Description Concrete Floor

Maps & Drawings

	Appendix A - Page
Building Map:	70
Section Map:	99
Survey Unit Drawing:	104
Reference Building Map:	70
Reference Building Section Map:	94
Reference Unit Drawing:	95

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-3	-32	30	17	42
Bias Ceiling Area & Walls:	14	-7	-33	39	20	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-16	34	2.3	2.2	648	681
Bias Ceiling Area & Walls:	14	-14	32	2.3	2.6	552	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-6	3	17
Bias Ceiling Area & Walls:	14	-2	-6	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_W$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14EFL03 satisfied the $DCGL_W$.

SURVEY RESULTS

Survey Unit 14EFL04

Description Concrete Floor

Maps & Drawings		Appendix A - Page
	Building Map:	70
	Section Map:	99
	Survey Unit Drawing:	106
	Reference Building Map:	70
	Reference Building Section Map:	94
	Reference Unit Drawing:	95

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-10	-32	10	17	42
Bias Ceiling Area & Walls:	14	-7	-33	39	20	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	11	100	6.7	2.4	590	780
Bias Ceiling Area & Walls:	14	-14	32	2.3	2.6	552	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	0	-6	5	17
Bias Ceiling Area & Walls:	14	-2	-6	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14EFL04 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14EFL05

Description Concrete Floor

Maps & Drawings

	Appendix A - Page
Building Map:	70
Section Map:	99
Survey Unit Drawing:	108
Reference Building Map:	70
Reference Building Section Map:	94
Reference Unit Drawing:	95

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-14	-32	10	13	42
Bias Ceiling Area & Walls:	14	-7	-33	39	20	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-11	100	6.7	3.5	405	801
Bias Ceiling Area & Walls:	14	-14	32	2.3	2.6	552	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-4	5	17
Bias Ceiling Area & Walls:	14	-2	-6	0	17

Discussion *No static or smear measurement result exceeded a small fraction of the* $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion *Survey Unit 14EFL05 satisfied the* $DCGL_w$.

SURVEY RESULTS

Survey Unit 14EWL01

Description Block Wall

Maps & Drawings		Appendix A - Page
	Building Map:	70
	Section Map:	99
	Survey Unit Drawing:	110
	Reference Building Map:	70
	Reference Building Section Map:	94
	Reference Unit Drawing:	97

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	2	-23	39	14	42
Bias Ceiling Area & Walls:	14	-7	-33	39	20	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	4	39	2.6	2.4	587	681
Bias Ceiling Area & Walls:	14	-14	32	2.3	2.6	552	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	2	-4	7	17
Bias Ceiling Area & Walls:	14	-2	-6	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14EWL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14EWL02

Description Block Wall

Maps & Drawings		Appendix A - Page
	Building Map:	70
	Section Map:	99
	Survey Unit Drawing:	112
	Reference Building Map:	70
	Reference Building Section Map:	94
	Reference Unit Drawing:	97

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	9	-23	39	19	42
Bias Ceiling Area & Walls:	14	-7	-33	39	20	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-13	15	1.0	2.3	621	681
Bias Ceiling Area & Walls:	14	-14	32	2.3	2.6	552	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-4	2	17
Duplicate:	15	2	-4	5	17
Bias Ceiling Area & Walls:	14	-2	-6	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14EWL02 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14EWL03

Description Block Wall

Maps & Drawings

	Appendix A - Page
Building Map:	70
Section Map:	99
Survey Unit Drawing:	114
Reference Building Map:	70
Reference Building Section Map:	94
Reference Unit Drawing:	97

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	10	-23	71	25	42
Bias Ceiling Area & Walls:	14	-7	-33	39	20	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-11	17	1.1	5.5	261	681
Bias Ceiling Area & Walls:	14	-14	32	2.3	2.6	552	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	0	-6	5	17
Bias Ceiling Area & Walls:	14	-2	-6	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14EWL03 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit 14EWL04

Description Block Wall

		Appendix A - Page
Maps & Drawings	Building Map:	70
	Section Map:	99
	Survey Unit Drawing:	116
	Reference Building Map:	70
	Reference Building Section Map:	94
	Reference Unit Drawing:	97

Statics

	N	Net Activity (αpm/100cm²)				MDC (αpm/100cm²)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-3	-23	39	18	42
Bias Ceiling Area & Walls:	14	-7	-33	39	20	42

Scans

	N	Average Activity (αpm/100cm²)	Total Area Scanned (ft²)	Area Scanned per Point (ft²)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm²)	Required scanMDC (αpm/100cm²)
SU Scans:	15	-10	20	1.3	4.5	320	801
Bias Ceiling Area & Walls:	14	-14	32	2.3	2.6	552	681

Smears

	N	Activity (αpm/100cm²)			MDC (αpm/100cm²)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-6	3	17
Bias Ceiling Area & Walls:	14	-2	-6	0	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. Data reported for "Bias Ceiling Area & Walls" is for the entire Warehouse Section. All DQOs were met.

Conclusion Survey Unit 14EWL04 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit FHFL01

Description Tile Floor

Maps & Drawings

	Appendix A - Page
Building Map:	None
Section Map:	118
Survey Unit Drawing:	118
Reference Building Map:	None
Reference Building Section Map:	122
Reference Unit Drawing:	122

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	2	-10	31	12	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	2	20	1.3	4.4	327	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-6	5	17
Bias:	6	1	-2	11	17
Drains:	4	-1	-4	2	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. Scans did not indicate any elevated areas. All DQOs were met.

Conclusion Survey Unit FHFL01 satisfied the $DCGL_w$.

SURVEY RESULTS

Survey Unit FHWL01

Description Wallboard

Maps & Drawings

	Appendix A - Page
Building Map:	None
Section Map:	120
Survey Unit Drawing:	120
Reference Building Map:	None
Reference Building Section Map:	124
Reference Unit Drawing:	124

Statics

	N	Net Activity (αpm/100cm^2)				MDC (αpm/100cm^2)
		Average	Minimum	Maximum	Sigma	
SU Statics:	15	-4	-16	16	11	42

Scans

	N	Average Activity (αpm/100cm^2)	Total Area Scanned (ft^2)	Area Scanned per Point (ft^2)	Average Residence Time (sec)	Actual scanMDC (αpm/100cm^2)	Required scanMDC (αpm/100cm^2)
SU Scans:	15	-3	56	3.8	2.7	526	681

Smears

	N	Activity (αpm/100cm^2)			MDC (αpm/100cm^2)
		Average	Minimum	Maximum	
SU Smears:	15	-1	-4	2	17

Discussion No static or smear measurement result exceeded a small fraction of the $DCGL_w$. No anomalous data was noted. *Scans did not indicate any elevated areas. All DQOs were met.*

Conclusion Survey Unit FHWL01 satisfied the $DCGL_w$.