Amendment No. 70

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee	In accordance with the letter dated March 17, 1998,
1. Department of the Army Walter Reed Army Medical Center (WRAMC)	3. License number 08-01738-02 is amended in its entirety to read as follows:
2. Washington, D.C. 20307-5001	4. Expiration date June 30, 2004
	5. Docket No. 030-01317 Reference No.

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Any byproduct material with atomic numbers 1-83	A. Any	A. 400 millicuries of each radionuclide with a total possession limit of 26 curies
B. Iodine 131	B. Any	B. 2 curies
C. Xenon 133	C. Any	C. 2 curies
D. Krypton 85	D. Any	D. 1 curie
E. Phosphorus 32	E. Any	E. 2 curies
F. Carbon 14	F. Any	F. 2 curies
G. Iodine 125	G. Any	G. 1 curie
H. Iridium 192	H. Any	H. [redacted]
I. Chromium 51	I. Any	I. 750 millicuries
J. Sulfur 35	J. Any	J. 1 curie
K. Hydrogen 3	K. Any	K. 5 curies
L. Molybdenum 99	L. Molybdenum 99/ Technetium 99m Generators	L. 23 curies
M. Technetium 99m	M. Any	M. 23 curies
N. Strontium 90	N. Sealed sources	N. [redacted]

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 2
FOIA 2006-0238

Ex 2

KK 26

License Number
08-01738-02

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
O. Cesium 137	O. Sealed sources	O.
P. Gadolinium 153	P. Sealed sources	P.
Q. Iodine 125	Q. Sealed sources (3M Company seeds)	Q. 1 curie
R. Iodine 125	R. Sealed sources ((Norland Inst. Co., Model 178A591A or AECL Models C235 or C324, or Amersham Corp. Model IMC.P2)	R. 4 sources, not to exceed 300 millicuries each

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
S. Cesium 137	S. Sealed sources	S.
T. Cobalt 60	T. Sealed sources	T.
U. Americium 241	U. Any	U. 100 microcuries
V. Americium 241	V. Sealed sources	V.
W. Nickel 63	W. Sealed sources and foils	W. 1 curie
X. Iodine 129	X. Sealed sources	X. 1 curie
Y. Thorium	Y. Any	Y. 5 kilograms
Z. Uranium	Z. Any	Z. 50 kilograms
AA. Cesium 137	AA. Sealed sources	AA.
BB. Americium 241	BB. Sealed sources	BB.
CC. Cesium 137	CC. Sealed source	CC.
DD. Paladium 103	DD. Sealed sources	DD. 3 curies

Ex 2

License Number
08-01738-02

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
EE. Uranium depleted in Uranium 235	EE. Plated Metal	EE. 400 Kilograms

9. Authorized use:

A. through DD. Medical diagnosis, therapy and research in humans in accordance with any applicable Food and Drug Administration (FDA) requirements. Research and development as defined in 10 CFR 30.4, including animal studies; instrument calibration; student instruction.

EE. Shielding in linear accelerators.

CONDITIONS

10. Licensed material may be used only at the licensee's facilities located at the Walter Reed Army Medical Center, Washington, D.C.; WRAMC Forest Glen Section and Annex, Silver Spring, Maryland; U.S. Army Medical Laboratory, WRAMC Department of Pathology, Fort Meade, Maryland; Rickman Building, 13 Taft Court, Rockville, Maryland and Gillette Building, 270 Research Center, 1413 Research Boulevard, Rockville, Maryland.

11. A. Licensed material shall be used by, or under the supervision of, individuals designated in writing by the Radiation Safety Committee, Colonel John R. Pierce, Chairperson.

    B. The use of licensed material in or on humans shall be by a physician, dentist, or podiatrist as defined in 10 CFR 35.2.

    C. Physicians, dentists, or podiatrists designated to use licensed material in or on humans shall meet the training criteria established in 10 CFR 35, Subpart J and shall be designated in writing by the licensee's Radiation Safety Committee.

    D. The Radiation Safety Officer for this license is Colonel William B. Johnson.

12. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material at a single location to quantities below the limits specified in 10 CFR 30.72 which require consideration of the need for an emergency plan for responding to a release of licensed material.

13. Notwithstanding the requirements of 10 CFR 35.49(a) and (b), 35.100, 35.200, 35.300, 35.400 and 35.500 the licensee may use for any medical use any byproduct material or reagent kit. The licensee shall possess and use byproduct material for medical use in accordance with the prescriptive and performance criteria in the other sections of 10 CFR 35. This does not relieve the licensee from complying with

MATERIALS LICENSE
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applicable U.S. Food and Drug Administration (FDA) and other Federal and State requirements.

14. A. Detector cells containing a titanium tritide foil or a scandium tritide foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents the foil temperatures from exceeding that specified in the certificate of registration referred to in 10 CFR 32.210.

    B. When in use, detector cells containing a titanium tritide foil or a scandium tritide foil shall be vented to the outside.

15. The licensee shall conduct a physical inventory every three months to account for all sealed sources and devices containing licensed material received and possessed pursuant to 10 CFR 35.59, 35.400 and 35.500 and every six months for all other sealed sources and devices.

16. A. Sealed sources and detector cells containing licensed material shall be tested for leakage and/or contamination at intervals not to exceed six months or at such other intervals as are specified by the certificate of registration referred to in 10 CFR 32.210, not to exceed three years.

    B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed three months.

    C. In the absence of a certificate from a transferor indicating that a leak test has been made within six months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.

    D. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source.

    E. Sealed sources and detector cells need not be leak tested if:

        (i) they contain only hydrogen-3; or

        (ii) they contain only a radioactive gas; or

        (iii) the half-life of the isotope is 30 days or less; or

        (iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or

        (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transfer to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.

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F. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission and the source or detector cell shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within five days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region I, ATTN: Chief, Nuclear Materials Safety Branch, 475 Allendale Road, King of Prussia, Pennsylvania 19406. The report shall specify the source or detector cell involved, the test results, and corrective action taken.

G. The licensee is authorized to collect leak test samples for analysis by the licensee. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.

17. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.

18. The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days and Sulfur 35, Cobalt 58, Iridium 192, Scandium 46, for decay-in-storage before disposal in ordinary trash, provided:

    A. Waste to be disposed of in this manner shall be held for decay a minimum of ten half-lives.

    B. Before disposal as ordinary trash, the waste shall be surveyed at the container surface with the appropriate survey instrument set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.

    C. A record of each such disposal permitted under this License Condition shall be retained for three years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.

19. Experimental animals, or the products from experimental animals, that have been administered licensed materials shall not be used for human consumption.

20. The licensee shall possess and use byproduct material for human research in accordance with the prescriptive and performance criteria in all sections of 10 CFR Part 35 except sections 35.49(a) and (b), 35.100, 35.200, and 35.300.

21. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

22. The licensee shall not acquire licensed material in a sealed source or device unless the source or device has been registered with the U.S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210 or

MATERIALS LICENSE
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equivalent regulations of an Agreement State.

23. Radioactive waste generated shall be stored in accordance with the statements, representations, and procedures included with the waste storage plan described in the licensee's letter/application dated September 9, 1993 and October 29, 1993.

24. Notwithstanding the requirements of 10 CFR 35.315(a)(7), the licensee may control contamination in rooms used to house radiopharmaceutical therapy patients in accordance with the commitments and procedures contained in the letters dated April 8, 1992 and November 24, 1992.

25. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

    A. Application dated January 21, 1993
    B. Letter dated September 9, 1993
    C. Letter dated October 29, 1993
    D. Letter dated December 9, 1993
    E. Letter dated February 15, 1994
    F. Letter dated June 2, 1994
    G. Letter daetd December 6, 1996

For the U.S. Nuclear Regulatory Commission

Date April 24, 1998

By ***Original signed by Michelle Beardsley***

Michelle Beardsley
Nuclear Materials Safety Branch 1
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

April 24, 1998

Docket No. 030-01317 License No. 08-01738-02
Control No. 125557

William B. Johnson
Colonel, U.S. Army
Radiation Protection Officer
Department of the Army
Walter Reed Army Medical Center (WRAMC)
MCHL-HP/Health Physics Office
Building 41, Room 38
Washington, DC 20307-5001

Dear Colonel Johnson:

This refers to your license amendment request. Enclosed with this letter is the amended license. The facilities at The Walter Reed Army Institute of Research Animal Holding Facility and the U.S. Army Institute of Dental Research Facility, Fort Meade, MD may be released for unrestricted use.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

Original signed by Michelle Beardsley

Michelle Beardsley
Health Physicist
Nuclear Materials Safety Branch 1
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 70

ML10

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OFFICE	DNMS/RI	N	DNMS/RI					
NAME	MBeardsley							
DATE	04/24/98		04/ /98		04/ /98		04/ /98	

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DEPARTMENT OF THE ARMY
NORTH ATLANTIC REGIONAL MEDICAL COMMAND
WASHINGTON, DC 20307-5001

March 17, 1998

030-01317

REPLY TO
ATTENTION OF
Preventive Medicine Services

SUBJECT: Amendment Request to Remove the U.S. Army Institute of Dental Research Facility, and the Walter Reed Army Institute of Research Animal Holding Facility, Fort Meade, MD from NRC Byproduct Materials License 08-01738-02

Nuclear Regulatory Commission, Region I
Division of Nuclear Material Safety
475 Alendale Road
King of Prussia, Pennsylvania 19406-1415

Medical Licensing Division :

The Center for Health Promotion and Preventive Medicine has completed the decommissioning for the U.S. Army Institute of Dental Research Facility, Fort Meade, MD. The decommissioning of the buildings included a historical records investigation, meter surveys, and swipe surveys as recommended in NUREG/CR-5849, Manual for Conducting Radiological Surveys in Support of License Termination.

The Walter Reed Army Institute of Research Animal Holding Facility, Fort Meade, MD burned down in 1987 before a final decommissioning survey was performed. The only isotopes used at this location were a couple hundred microcuries of I-125 and I-131 used in a research protocol in the late 1970's. The buildings were all bulldozed into a mound and covered with earth after the fire. The Health Physics Office visited the site, and used a meter to survey the trash area, the location of the barn, and the animal holding area for any signs of radioactive materials and no meter readings above background were found. Since the half-lives of the radionuclides was so short, any radioactive iodine would have decayed away years ago.

Permanent records of all of the decommissioning surveys are maintained in the Health Physics Office files (enclosures 1 and 2).

Amend Paragraph 10, Location of Use, of NRC Byproduct Materials License 08-01738-02, to specifically remove the U.S. Army Institute of Dental Research Facility, Fort Meade, MD, and the Walter Reed Army Institute of Research Animal Holding Facility, Fort Meade, MD from the license.

For additional information regarding this amendment, please contact Colonel William B. Johnson, Chief, Health Physics Office, Preventive Medicine Services, at (202) 356-0058.

Sincerely,

William B. Johnson
Colonel, U.S. Army
Radiation Protection Officer

CF: CDR, MEDCOM, ATTN: MCHO-CL-W

125557

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DEPARTMENT OF THE ARMY
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE
5158 BLACKHAWK ROAD
ABERDEEN PROVING GROUND, MARYLAND 21010-5422

REPLY TO
ATTENTION OF
MCHB-TS-OIP (40)

04 FEB 1998

MEMORANDUM FOR Commander, U.S. Army Medical Command, ATTN: MCHO-CL-W, 2050 Worth Road, Suite 10, Fort Sam Houston, TX 78234-6010

SUBJECT: Industrial Radiation Survey No. 27-MH-7237-R-98, Facility Close-Out and Termination Survey, Fort Meade, MD, 11 August 1997-23 January 1998

1. Copies of subject report with Executive Summary are enclosed. Findings, recommendations, all specific requests by Department of the Army Licensees, Walter Reed Army Institute of Research, Base Realignment and Closure Office, U.S. Army Medical Command, the State of Maryland Bureau of Environmental Radiation, Maryland Department of the Environment, and the U.S. Environmental Protection Agency Region III representatives were addressed and staffed with the appropriate personnel assigned to support this project.

2. The final laboratory analyses of wipe test samples were completed on 8 October 1997 for the Fort Meade buildings.

FOR THE COMMANDER:

Harris Edge

Encl

HARRIS EDGE
Program Manager
Industrial Health Physics

CF (w/encl):
HQDA(DASA-ESOH/MR. FATZ)
HQDA(DAIM-ED-R/MR. SCHROEDER)
CDR, AMC, ATTN: AMCSF-P (2 CY)
CDR, ACALA, ATTN: AMSTA-AC-SF (2 CY)
CDR, IOC, ATTN: AMSIO-DMS
CDR, ATCOM, ATTN: AMSAV-X/RPO (2 CY)
CDR, CECOM, ATTN: AMSEL-SF (2 CY)
CDR, TACOM, ATTN: AMSTA-CZ (2 CY)
CDR, WRAMC, ATTN: COL JOHNSON

Readiness thru Health

Enclosure 1

U.S. Army Center for Health Promotion and Preventive Medicine

USCHPPM

INDUSTRIAL RADIATION SURVEY NO. 27-MH-7237-R-98
FACILITY CLOSE-OUT AND TERMINATION SURVEY
FORT MEADE, MARYLAND
11 AUGUST 1997 - 23 JANUARY 1998

Distribution limited to U.S. Government agencies only; protection of privileged information evaluating another command; Feb 98. Requests for this document must be referred to Commander, U.S. Army Medical Command, ATTN: MCHO-CL-W, 2050 Worth Road, Suite 10, Fort Sam Houston, Texas 78234-6010.

Readiness Thru Health

DESTRUCTION NOTICE - Destroy by any method that will prevent disclosure of contents or reconstruction of the document.

DEPARTMENT OF THE ARMY
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE
5158 BLACKHAWK ROAD
ABERDEEN PROVING GROUND, MARYLAND 21010-5422

REPLY TO
ATTENTION OF

EXECUTIVE SUMMARY
INDUSTRIAL RADIATION SURVEY NO. 27-MH-7237-R-98
FACILITY CLOSE-OUT AND TERMINATION SURVEY
FORT MEADE, MARYLAND
11 AUGUST 1997 - 23 JANUARY 1998

1. PURPOSE. This survey was conducted to determine the presence and extent of radiological health hazards in select buildings at Fort Meade. These buildings are associated with the ongoing Base Realignment and Closure actions at Walter Reed Army Institute of Research which includes Buildings 2802, 2805, and 2813 at Fort Meade. This survey also verified that any residual radioactivity in the buildings surveyed is in compliance with the Nuclear Regulatory Commission and the State of Maryland guidelines for decontamination of facilities prior to release for unrestricted use.

2. CONCLUSION. A review of the survey results indicates that there were no radiological health hazards identified as a result of the use and storage of radioactive commodities in Buildings 2802, 2805, and 2813.

3. RECOMMENDATION. Recommend the above mentioned buildings be released for unrestricted use.

Indust Radn Surv No. 27-MH-7237-1-98, Facility Close-out and Termination Survey, Fort Meade, MD, 11 Aug 97 - 23 Jan 98

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DEPARTMENT OF THE ARMY
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE
5158 BLACKHAWK ROAD
ABERDEEN PROVING GROUND, MARYLAND 21010-5422

REPLY TO
ATTENTION OF

MCHB-TS-OIP

INDUSTRIAL RADIATION SURVEY NO. 27-MH-7237-R-97
FACILITY CLOSE-OUT AND TERMINATION SURVEY
FORT MEADE, MARYLAND
11 AUGUST 1997 - 23 JANUARY 1998

1. REFERENCES. See Appendix A for a list of references.

2. AUTHORITY. Telephone conversation between 1LT Luke Shattuck, RPO, Fort Meade, and Mr. Scott Kaeppel, Health Physicist, Henry M. Jackson Foundation Participant, USACHPPM, subject: Radiation Survey at Fort Meade for the Army Institute of Dental Research, 28 July 1997.

3. PURPOSE.

a. This survey was conducted to determine the presence and extent of radiological health hazards in Buildings 2802, 2805, and 2813. These buildings fall under the Nuclear Regulatory Commission (NRC) licenses for the Walter Reed Army Institute of Research, and are being turned over for unrestricted use.

b. This survey also verified that any remaining residual radioactivity in the buildings surveyed is in compliance with the NRC and the State of Maryland guidelines for decontamination of facilities prior to release for unrestricted use.

4. GENERAL.

a. Meetings and briefings were conducted by Mr. Scott Kaeppel with 1LT Luke Shattuck to discuss the findings and recommendations.

b. Project management for the close-out and termination survey was conducted by the U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM).

c. The survey was managed by Mr. Mark S. Ditmore, Research Health Physics Consultant, Henry M. Jackson Foundation Participant, USACHPPM, CPT Joseph Beckman, Nuclear Medical Science Officer (Alternate Project Manager), USACHPPM, and Mr. Andrew Perry Brown,

(3) No buildings were identified as having radiological contamination levels above the limits specified by the NRC and State of Maryland guidelines.

c. Potential Contaminants and Release Guidelines. See Industrial Radiation Survey Protocol No. 27-MH-7237-P-98 for a detailed listing of potential radioactive materials at Fort Meade. The release guidelines for these potential contaminants are listed in Appendix D.

6. RADIATION SURVEYS AND RESULTS.

a. Instrumentation/Equipment.

(1) A list of instruments is provided in Appendix E. The Minimum Detectable Activity (MDA) of each instrument is supplied with the instrument survey data in Appendix C. Efficiencies were determined with a radioisotope traceable to the National Institute of Standards and Technology (NIST) which had energies similar to the energies of the isotopes used and stored at Fort Meade.

(2) After calibration, an efficiency factor was calculated for each alpha and beta instrument to correlate the meter reading to the actual radioactivity present.

(3) The alpha and beta probes used for the survey were 100 square centimeter (cm^2) gas flow proportional probes. The gamma probe used was a 1 inch x 1 inch sodium iodide crystal. The equation to convert counts per minute (cpm) to disintegrations per minute (dpm) per 100 cm^2 can be found in the NUREG/CR-5849, page 8.2, Section 8.1.1.

(4) The efficiency value for each instrument was used to record the final reading into standardized regulatory criteria expressed in dpm/100 cm^2. The monitoring values for gross alpha and gross beta in the tables of Appendix C are presented in the converted values of dpm/100 cm^2.

(5) The sensitivity of the gamma survey meter correlates with NUREG/CR-5849, page 5-14, Table 5-6.

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(5) The sensitivity of the gamma survey meter correlates with NUREG/CR-5849, page 5-14, Table 5-6.

greater than three times above background, it would have been marked and a fixed reading taken at that point.

(4) If a building or room was classified as an "unaffected" area, a biased scan was performed over a minimum of 10% of the surface area IAW the protocol. Typically, greater than 50% of the surface area of "unaffected" surfaces was scanned at Fort Meade. During scanning, if a measured reading was found to be greater than three times above background, it would be marked and fixed meter readings (alpha, beta-gamma, and gamma) taken at that point. If no measurements were found three times above background, the surveyor took a minimum of 30 random fixed readings in the subject area.

(5) Each room was subdivided into ceilings, walls, and floors, which were further divided into grid squares. Unusual building features were surveyed in random locations and the highest values observed were recorded.

(6) All north walls were identified as Wall A (WA) and the other walls were assigned consecutive letters in a clockwise manner around the room (i.e., WB, WC, and WD). The grid squares always started in the lower left corner of the wall. The first lower 1m x 1m (affected area) meter grid square was identified as "WA1A" and the grid square directly above was designated "WA1B", with "B" representing the next horizontal row on the wall.

(7) Floors were gridded using a different system. The grid squares always started in the northwest corner of the floor. The northwest grid square was identified as FA1. The grid squares to the east would be FA2, FA3, etc. The grid squares to the south would be FB1, FC1, etc.

(8) Flag values, or action levels, for alpha and beta-gamma monitoring measurements were established for each type of survey instrument used. Flag values were established by taking 75% of the release criteria found in Appendix D. If any instrument reading exceeded the flag values, a more thorough investigation was conducted to determine if the detected radiation was above the established criteria.

monitored. The average background values were established at a 95% confidence level. Background survey results are presented with the site survey results in Appendix C.

(2) Instrumentation Survey Results.

(a) Alpha Instrumentation Results. The gross alpha activity ranged from a low of -9.1 dpm/100 cm^2 to a high of 40.3 dpm/100 cm^2, which was taken on a porcelain sink. A fixed meter reading was taken in each grid square at less than 0.5 cm from the surface. All alpha activity results and location of survey results are presented in Appendix C. Gross alpha analysis shows no sample data that exceeds release criteria.

(b) Beta-Gamma Instrumentation Results. A fixed meter reading was taken in each grid square at less than 0.5 cm from the surface. Instrument field data indicates high beta-gamma readings in restrooms in Buildings 2802 and 2805. The restrooms in these buildings have ceramic tiles on the floors and part of the walls, and porcelain sinks. Ceramics normally contain a high amount of naturally occurring radioisotopes of potassium. The gross beta-gamma activity ranged from a low of -307.2 dpm/100 cm^2 to a high of 2878 dpm/100 cm^2, which was taken on a porcelain sink. None of the field instrument readings exceed the release criteria. All beta-gamma survey results and locations are presented in Appendix C.

(c) Gamma Instrumentation Results. The gross gamma activity ranged from a low of -3.5 microroentgen per hour (µR/hr) to a high of 6.6 µR/hr. The average gamma rate for each survey unit does not exceed the 5 µR/hr limit. Each grid square was surveyed at approximately 1 m from the surface and the location with the highest exposure reading was recorded. All gamma survey results and locations are presented in Appendix C.

(d) Scanning Instrumentation Results. One hundred percent of the surface area of "affected areas" was scanned. The protocol states that a minimum of 10% of the surface area of "unaffected" areas will be scanned. However, the "unaffected" area scans were typically performed over greater than 50% of the surface area.

(3) Laboratory Analysis. Wipe test samples were collected and analyzed for gross alpha, gross beta-gamma, and tritium

Indust Radn Surv No. 27-MH-7237-R-97, Facility Close-out and Termination Survey, Fort Meade, MD, 11 Aug 97-23 Jan 98

8. RECOMMENDATION. Recommend that the surveyed buildings listed above be released for unrestricted use.

MARK S. DITMORE
Research Health Physics Consultant
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APPENDIX A

REFERENCES

1. NUREG/CR-5849, Manual for Conducting Radiological Surveys in Support of License Termination, Draft Report for Comment, June 1992.

2. AR 385-11, Ionizing Radiation Protection (Licensing, Control, Transportation, Disposal, and Radiation Safety), 1 May 1980.

3. Title 10, Code of Federal Regulations (CFR), Part 20, Standards for Protection Against Radiation, 1993 Rev.

4. Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source, or Special Nuclear Material, August 1987.

5. NUREG-1500, Working Draft Regulatory Guide on Release Criteria for Decommissioning: NRC Staff's Draft for Comment, August 1994.

6. Industrial Radiation Survey Protocol No. 27-MH-7237-P-98, U.S. Army Institute of Dental Research, Fort Meade, MD, January 1998.

7. Industrial Radiation Survey No. 27-MH-7237-H-98, Historical Data Review, Walter Reed Army Institute of Dental Research, Fort Meade, MD, September - November 1997.

APPENDIX B

ABBREVIATIONS

AR	Army Regulation
bkg	background
cal	calibration
CFR	Code of Federal Regulations
cm	centimeter
cm^2	centimeter square
cpm	counts per minute
Cs-137	cesium-137
dpm	disintegrations per minute
eff	efficiency
IAW	in accordance with
inst	instrument
m	meter
MDA	Minimum Detectable Activity
NIST	National Institute of Standards and Technology
NRC	Nuclear Regulatory Commission
NUREG	Nuclear Regulatory Guide
QA	Quality Assurance
SN	serial number
USACHPPM	U.S. Army Center for Health Promotion and Preventive Medicine
µR/hr	microroentgen per hour
µCi	microcurie

APPENDIX C

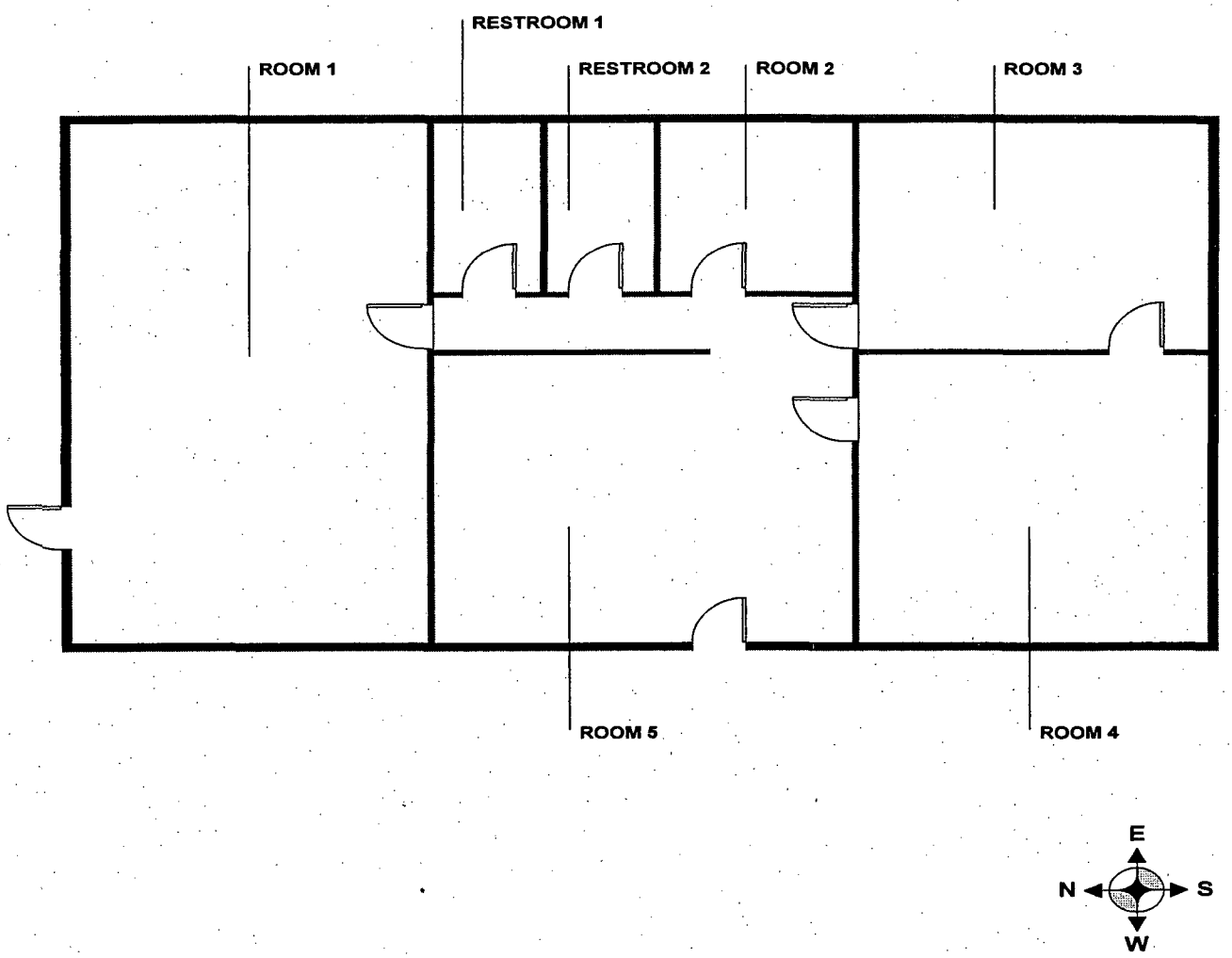
LIST OF BUILDINGS SURVEYED
BUILDING DIAGRAMS
RADIOLOGICAL SURVEY RESULTS
Grids at "1m x 1m" unless otherwise annotated

Indust Radn Surv No. 27-MH-7237-R-97, Facility Close-out and Termination Survey, Fort Meade, MD, 11 Aug 97-23 Jan 98

BUILDINGS SURVEYED

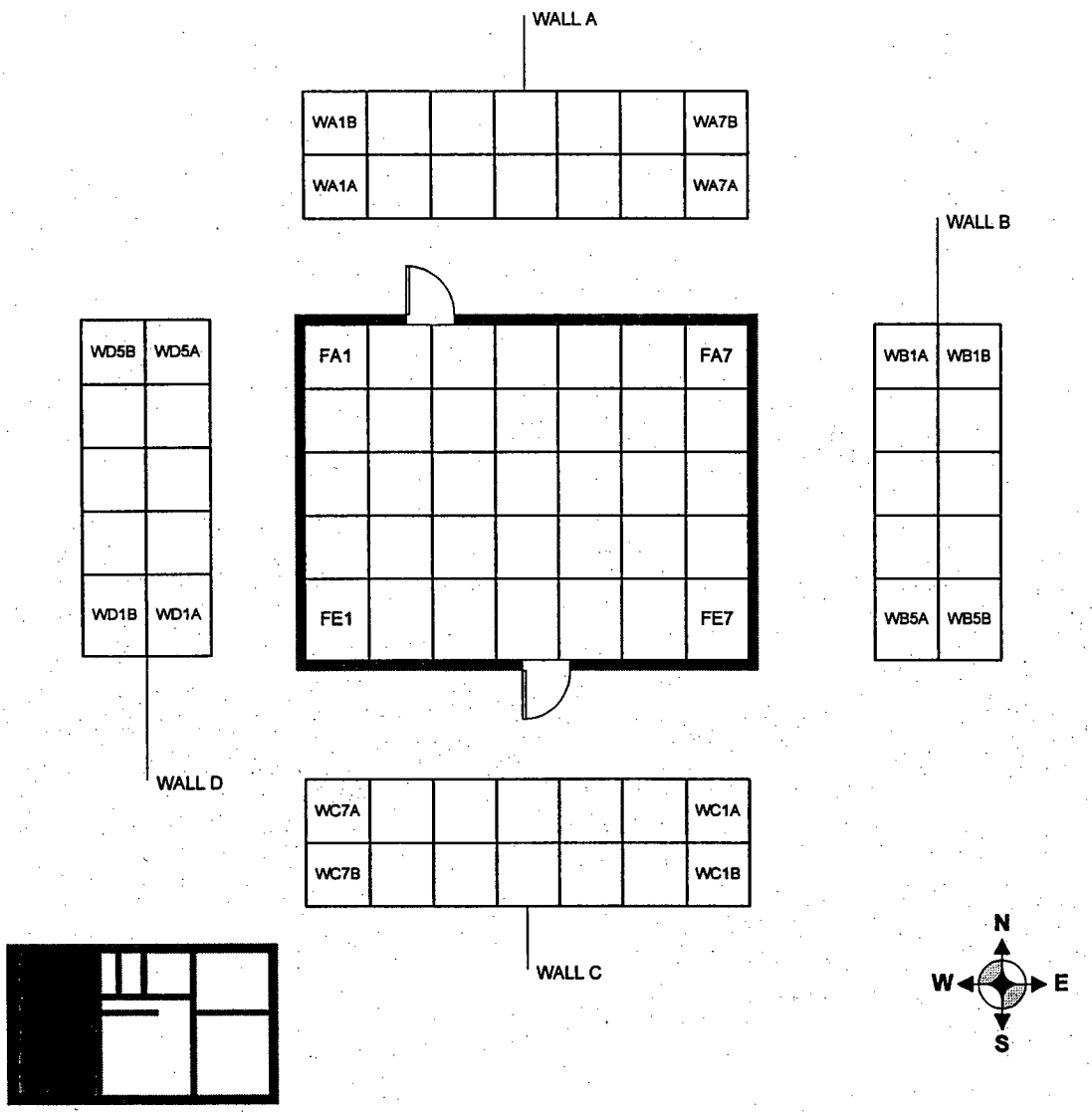
2802
2805
2813

GRAPHICAL ILLUSTRATION



BUILDING T-2802, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 9 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

GRAPHICAL ILLUSTRATION



BUILDING T-2802 ROOM 1, DENTAL RESEARCH CLINIC,
FORT GEORGE G. MEADE, MD

U.S. ARMY CENTER FOR HEALTH PROMOTION
AND PREVENTIVE MEDICINE
UNITED STATES ARMY MEDICAL DEPARTMENT

DATE 10 SEPT 97
DRAWN JKD
APPROVED HE
SCALE NTS
PLATE

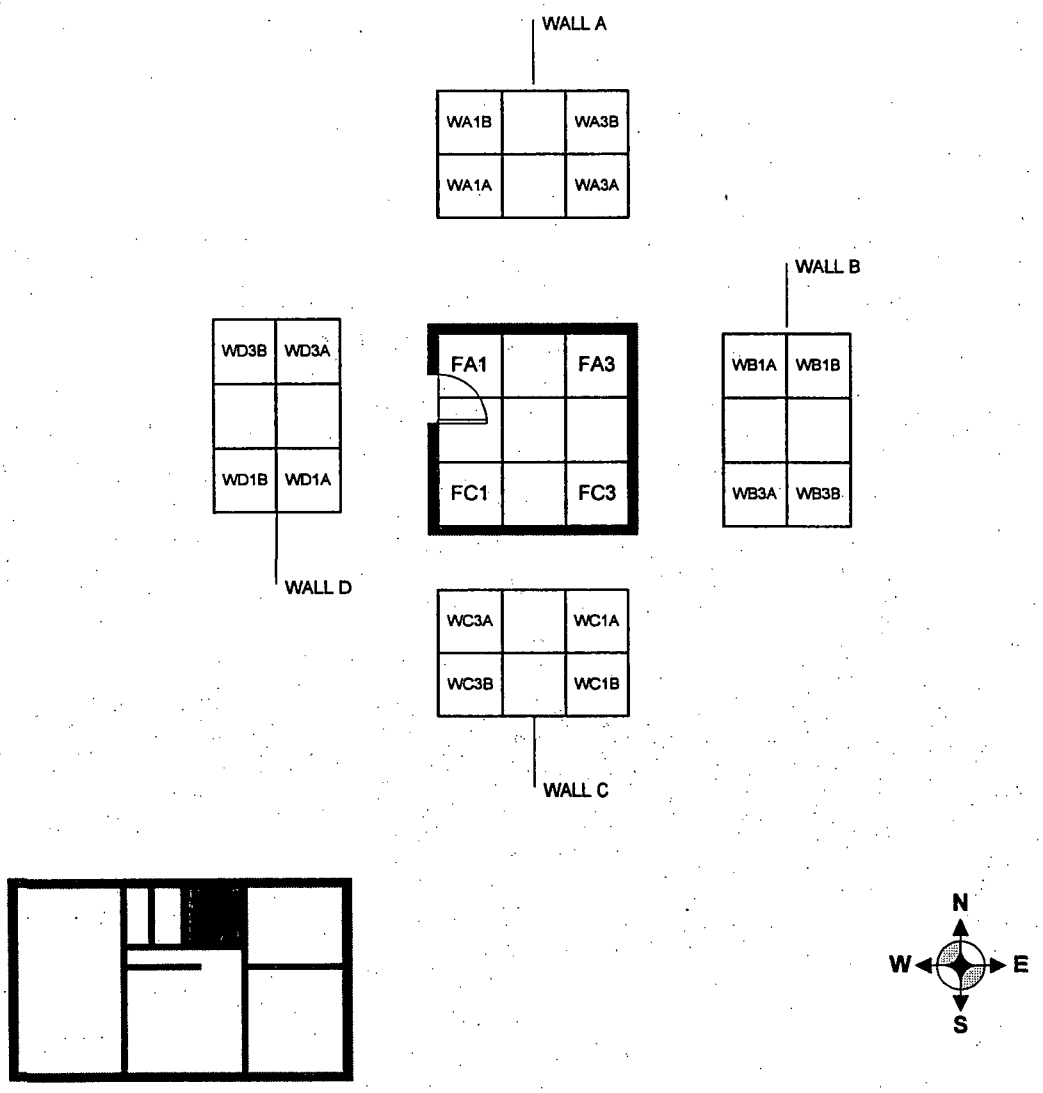
Fort Meade, Building 2802 (Room 1)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.0	28.9	
(MDA =>)	54	401	-	2.3	2.4	29.1	
FA1	1.6	91.6	-0.8	-0.1 ± 0.1	0.0 ± 2.5	-19.0 ± 9.4	GA00509
FA2	-9.1	135.9	-0.8	-0.1 ± 0.1	-0.5 ± 2.2	-15.9 ± 8.9	GA00510
FA3	-9.1	146.9	-0.6	-0.1 ± 0.1	0.0 ± 2.5	-16.4 ± 8.7	GA00511
FA4	-9.1	279.9	-0.7	-0.1 ± 0.1	1.6 ± 3.1	-15.1 ± 8.8	GA00512
FA5	-9.1	335.3	-0.9	-0.1 ± 0.1	1.6 ± 3.1	-20.4 ± 8.0	GA00513
FA6	-9.1	146.9	-0.9	-0.1 ± 0.1	-1.1 ± 1.9	-14.2 ± 8.9	GA00514
FA7	-9.1	135.9	-1.0	-0.1 ± 0.1	1.1 ± 2.9	-18.2 ± 8.5	GA00515
FB1	-9.1	346.3	-0.9	-0.1 ± 0.1	-0.5 ± 2.2	-17.1 ± 9.3	GA00516
FB2	-9.1	213.4	-0.9	0.7 ± 1.5	1.1 ± 2.9	-17.7 ± 9.0	GA00517
FB3	-9.1	268.8	-0.9	-0.1 ± 0.1	2.2 ± 3.3	-15.9 ± 8.9	GA00518
FB4	-9.1	279.9	-0.8	-0.1 ± 0.1	-0.5 ± 2.2	-15.6 ± 8.8	GA00519
FB5	-9.1	291.0	-0.9	0.7 ± 1.5	2.2 ± 3.3	-19.1 ± 8.6	GA00520
FB6	-9.1	169.1	-0.9	-0.1 ± 0.1	2.7 ± 3.4	-13.8 ± 8.9	GA00521
FB7	-9.1	257.7	-0.7	-0.1 ± 0.1	-0.5 ± 2.2	-16.0 ± 8.7	GA00522
FC1	1.6	368.5	-0.6	-0.1 ± 0.1	-1.1 ± 1.9	-11.8 ± 9.3	GA00523
FC2	-9.1	434.9	-0.7	-0.1 ± 0.1	-1.6 ± 1.6	-14.5 ± 9.1	GA00524
FC3	12.3	169.1	-0.9	-0.1 ± 0.1	0.0 ± 2.5	-17.8 ± 8.5	GA00525
FC4	-9.1	124.8	-1.1	-0.1 ± 0.1	-2.2 ± 1.2	-17.7 ± 8.8	GA00526
FC5	-9.1	180.2	-1.1	0.7 ± 1.5	-2.2 ± 1.2	-12.3 ± 8.6	GA00527
FC6	1.6	224.5	-0.9	-0.1 ± 0.1	0.0 ± 2.5	-14.3 ± 8.6	GA00528
FC7	1.6	235.6	-0.8	-0.1 ± 0.1	0.0 ± 2.5	-20.4 ± 8.3	GA00529
FD1	-9.1	-107.8	-0.7	-0.1 ± 0.1	-0.5 ± 2.2	-8.4 ± 9.4	GA00530
FD2	-9.1	279.9	-0.8	-0.1 ± 0.1	1.6 ± 3.1	-15.9 ± 8.9	GA00531
FD3	22.9	158.0	-0.8	-0.1 ± 0.1	1.1 ± 2.9	-12.3 ± 9.3	GA00532
FD4	-9.1	135.9	-1.0	0.7 ± 1.5	2.7 ± 3.4	-15.6 ± 8.8	GA00533
FD6	-9.1	69.4	-1.1	-0.1 ± 0.1	1.6 ± 3.1	-12.0 ± 9.1	GA00534
FD7	-9.1	3.0	-1.1	-0.1 ± 0.1	-0.5 ± 2.2	-17.8 ± 8.5	GA00535
FE1	-9.1	379.6	-1.1	-0.1 ± 0.1	-1.6 ± 1.6	-20.0 ± 8.3	GA00536
FE2	-9.1	47.3	-1.1	-0.1 ± 0.1	0.5 ± 2.7	-20.9 ± 8.2	GA00537
FE3	1.6	69.4	-1.2	-0.1 ± 0.1	-0.5 ± 2.2	-14.3 ± 9.6	GA00538
FE4	-9.1	80.5	-1.5	-0.1 ± 0.1	0.0 ± 2.5	-17.3 ± 8.8	GA00539
FE5	1.6	91.6	-1.4	-0.1 ± 0.1	1.1 ± 2.9	-16.0 ± 8.7	GA00540
FE6	-9.1	135.9	-1.2	-0.1 ± 0.1	1.1 ± 2.9	-13.8 ± 8.9	GA00541
FE7	-9.1	279.9	-1.0	-0.1 ± 0.1	1.1 ± 2.9	-19.0 ± 9.1	GA00542
WA1A	-9.1	180.2	-0.3	-0.1 ± 0.1	0.5 ± 2.7	-12.4 ± 9.1	GA00543
WA2A	-9.1	69.4	0.0	-0.1 ± 0.1	0.5 ± 2.7	-14.5 ± 8.4	GA00544
WA3A	-9.1	368.5	-0.2	-0.1 ± 0.1	-0.5 ± 2.2	-16.6 ± 8.2	GA00545
WA4A	-9.1	135.9	-0.6	-0.1 ± 0.1	1.1 ± 2.9	-18.3 ± 8.0	GA00546
WA5A	-9.1	169.1	-0.7	0.0 ± 0.0	-1.0 ± 1.9	-14.0 ± 8.5	GA00547
WA6A	-9.1	69.4	-0.7	0.9 ± 1.6	0.4 ± 2.2	-13.8 ± 8.9	GA00548
QA	N/A	N/A	N/A	0.3 ± 1.1	-1.3 ± 1.5	-19.5 ± 9.7	GA00549
WA7A	1.6	135.9	-0.6	-0.3 ± 0.2	-1.3 ± 1.5	-17.4 ± 8.3	GA00550
WA1B	-9.1	357.4	-0.5	0.3 ± 1.1	0.8 ± 2.4	-11.3 ± 8.9	GA00551
WA2B	-9.1	346.3	-0.6	-0.3 ± 0.2	-0.4 ± 1.9	-15.7 ± 8.5	GA00552
WA3B	-9.1	36.2	-0.3	-0.3 ± 0.2	0.8 ± 2.4	-19.6 ± 7.9	GA00553
WA4B	1.6	324.2	-0.6	0.3 ± 1.1	1.3 ± 2.5	-10.9 ± 9.0	GA00554
WA5B	-9.1	135.9	-0.6	0.3 ± 1.1	-0.8 ± 1.7	-17.9 ± 8.1	GA00555
WA6B	1.6	313.1	-0.6	-0.3 ± 0.2	-0.8 ± 1.7	-17.8 ± 8.3	GA00556
WA7B	-9.1	124.8	-0.7	0.3 ± 1.1	0.4 ± 2.2	-16.2 ± 8.3	GA00557
WB1A	1.6	58.3	-0.8	-0.3 ± 0.2	-0.4 ± 1.9	-20.0 ± 7.9	GA00558

Fort Meade, Building 2802 (Room 1)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.0	28.9	
(MDA =>)	54	401	-	2.3	2.4	29.1	
WB2A	-9.1	-107.8	-0.8	-0.3 ± 0.2	-0.8 ± 1.7	-13.2 ± 8.5	GA00559
WB3A	-9.1	-130.0	-0.7	0.3 ± 1.1	1.3 ± 2.5	-9.6 ± 9.1	GA00560
WB4A	12.3	357.4	-0.5	-0.3 ± 0.2	-0.4 ± 1.9	-14.9 ± 8.4	GA00561
WB5A	1.6	-74.6	-0.4	-0.3 ± 0.2	0.0 ± 2.1	-12.2 ± 8.9	GA00562
WB1B	-9.1	-41.3	-0.4	0.3 ± 1.1	3.8 ± 3.2	-12.2 ± 8.9	GA00563
WB2B	1.6	91.6	-0.3	-0.3 ± 0.2	0.0 ± 2.1	-16.6 ± 8.2	GA00564
WB3B	-9.1	-96.7	-0.2	1.4 ± 2.0	0.0 ± 2.1	-20.5 ± 9.6	GA00565
WB4B	-9.1	-96.7	-0.3	0.3 ± 1.1	0.0 ± 2.1	-16.5 ± 8.4	GA00566
WB5B	12.3	302.0	-0.3	0.3 ± 1.1	0.8 ± 2.4	-16.5 ± 8.4	GA00567
WC1A	1.6	-19.2	-0.5	1.4 ± 2.0	0.0 ± 2.1	-18.7 ± 8.4	GA00568
WC2A	-9.1	91.6	-0.3	0.3 ± 1.1	-0.4 ± 1.9	-14.0 ± 8.5	GA00569
WC3A	-9.1	58.3	-0.8	-0.3 ± 0.2	0.4 ± 2.2	-15.2 ± 8.6	GA00570
WC4A	1.6	135.9	-1.0	-0.3 ± 0.2	-1.3 ± 1.5	-11.9 ± 8.7	GA00571
WC5A	1.6	-74.6	-1.1	1.4 ± 2.0	0.8 ± 2.4	-11.9 ± 8.7	GA00572
WC6A	22.9	124.8	-1.2	0.3 ± 1.1	-0.8 ± 1.7	-13.2 ± 8.5	GA00573
WC7A	33.6	3.0	-1.0	-0.3 ± 0.2	0.4 ± 2.2	-10.4 ± 9.0	GA00574
WC1B	-9.1	14.0	-0.8	0.3 ± 1.1	2.1 ± 2.8	-22.2 ± 10.7	GA00575
WC2B	12.3	302.0	-0.8	-0.3 ± 0.2	-0.4 ± 1.9	-19.1 ± 8.4	GA00576
WC3B	1.6	-19.2	-0.8	0.9 ± 1.6	-0.4 ± 1.9	-16.2 ± 9.4	GA00577
WC3B	-9.1	-74.6	-1.0	-0.3 ± 0.2	0.4 ± 2.2	-20.5 ± 9.6	GA00578
WC4B	22.9	313.1	-1.2	0.3 ± 1.1	0.4 ± 2.2	-15.7 ± 8.3	GA00579
WC5B	-9.1	3.0	-1.3	-0.3 ± 0.2	1.7 ± 2.6	-25.4 ± 10.0	GA00580
WC6B	-9.1	25.1	-1.5	-0.3 ± 0.2	-0.4 ± 1.9	-14.9 ± 9.3	GA00581
WC7B	-9.1	36.2	-1.6	-0.3 ± 0.2	-0.4 ± 1.9	-19.5 ± 9.7	GA00582
WD1A	-9.1	58.3	-1.5	-0.3 ± 0.2	-0.8 ± 1.7	-16.5 ± 8.4	GA00583
WD2A	1.6	-163.2	-1.2	0.3 ± 1.1	-1.3 ± 1.5	-10.4 ± 9.0	GA00584
WD3A	-9.1	169.1	-1.2	0.9 ± 1.6	-1.7 ± 1.2	-15.3 ± 8.3	GA00585
WD4A	22.9	279.9	-1.0	-0.3 ± 0.2	-0.4 ± 1.9	-22.2 ± 7.9	GA00586
WD5A	12.3	146.9	-0.7	0.3 ± 1.1	1.7 ± 2.6	-16.6 ± 8.2	GA00587
WD1B	-9.1	58.3	-0.7	0.3 ± 1.1	2.1 ± 2.8	-16.5 ± 8.4	GA00588
WD2B	-9.1	80.5	-0.7	-0.3 ± 0.2	0.0 ± 2.1	-17.3 ± 8.8	GA00589
WD3B	12.3	169.1	-0.7	-0.3 ± 0.2	-0.8 ± 1.7	-10.0 ± 9.1	GA00590
WD4B	1.6	-96.7	-0.5	6.6 ± 3.9	4.6 ± 3.4	-23.6 ± 8.8	GA00591
WD5B	1.6	91.6	-0.5	-0.3 ± 0.2	-1.7 ± 1.2	-13.3 ± 9.7	GA00592
RCNT1	-9.1	313.1	-0.9	0.3 ± 1.1	1.3 ± 2.5	-19.1 ± 9.7	GA00593
RCNT2	-9.1	390.6	-1.0	-0.3 ± 0.2	-0.8 ± 1.7	-26.5 ± 10.9	GA00594
RCNT3	-9.1	158.0	-0.9	-0.3 ± 0.2	0.0 ± 2.1	-19.5 ± 9.6	GA00595
RCNT4	-9.1	324.2	-0.9	-0.3 ± 0.2	2.9 ± 3.0	-22.0 ± 10.0	GA00596
RCNT5	-9.1	302.0	-0.8	-0.3 ± 0.2	1.3 ± 2.5	-21.4 ± 9.2	GA00597
RCNT6	12.3	224.5	-1.2	-0.3 ± 0.2	0.0 ± 2.1	-23.3 ± 9.6	GA00598
RCNT7	12.3	213.4	-1.3	-0.3 ± 0.2	1.3 ± 2.5	-20.0 ± 9.6	GA00599
QA	N/A	N/A	N/A	-0.3 ± 0.2	0.4 ± 2.2	-20.4 ± 8.6	GA00600
RCNT8	-9.1	855.9	-1.4	-0.3 ± 0.2	-0.8 ± 1.7	-18.6 ± 9.5	GA00601
REYE9	-9.1	224.5	-1.2	0.9 ± 1.6	0.4 ± 2.2	-26.8 ± 10.5	GA00602
RCNT10	1.6	368.5	-1.4	-0.3 ± 0.2	1.7 ± 2.6	-17.0 ± 9.1	GA00603
RCNT11	1.6	1066.3	-1.2	-0.3 ± 0.2	1.3 ± 2.5	-16.0 ± 10.8	GA00604
RCNT12	-9.1	180.2	-0.9	2.0 ± 2.3	0.4 ± 2.2	-20.9 ± 9.5	GA00605
RD1	1.6	146.9	-1.1	-0.3 ± 0.2	0.0 ± 2.1	-27.7 ± 10.1	GA00606
RD2	1.6	47.3	-1.1	0.3 ± 1.1	0.4 ± 2.2	-16.4 ± 9.7	GA00607
RD3	12.3	25.1	-0.9	-0.3 ± 0.2	-0.4 ± 1.9	-21.3 ± 9.0	GA00608

Fort Meade, Building 2802 (Room 1)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.0	28.9	
(MDA =>)	54	401	-	2.3	2.4	29.1	
RD5	-9.1	224.5	-0.8	0.9 ± 1.6	-0.4 ± 1.9	-18.0 ± 10.3	GA00609
RD5	-9.1	146.9	-0.8	-0.3 ± 0.2	0.0 ± 2.1	-17.7 ± 9.8	GA00610
RD6	-9.1	191.3	-0.5	0.3 ± 1.1	0.0 ± 2.1	-35.3 ± 13.1	GA00611
RD7	-9.1	324.2	-0.7	-0.3 ± 0.2	0.0 ± 2.1	-20.0 ± 9.9	GA00612
RD8	1.6	91.6	-0.8	0.3 ± 1.1	-0.8 ± 1.7	-19.5 ± 9.9	GA00613
RD9	-9.1	124.8	-1.2	-0.3 ± 0.2	2.1 ± 2.8	-24.1 ± 10.4	GA00614
RD10	1.6	102.6	-0.9	1.4 ± 2.0	0.8 ± 2.4	-16.9 ± 11.1	GA00615
RD11	-9.1	102.6	-1.1	0.3 ± 1.1	2.1 ± 2.8	-27.6 ± 9.1	GA00616

Fort Meade, Building 2802 (Room 2)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	1.0	32.8	
(MDA =>)	54	401	-	1.9	1.9	23.6	
FA1	-9.1	346.3	-2.1	-0.3 ± 0.2	-0.4 ± 1.9	-17.7 ± 9.8	GA00617
FA2	-9.1	124.8	-1.8	-0.3 ± 0.2	-0.8 ± 1.7	-22.4 ± 9.9	GA00618
FA3	12.3	224.5	-0.8	-0.3 ± 0.2	0.0 ± 2.1	-29.2 ± 9.9	GA00619
FB1	-9.1	590.0	-1.2	-0.3 ± 0.2	-1.3 ± 1.5	-20.0 ± 9.9	GA00620
FB2	-9.1	-19.2	-1.0	-0.3 ± 0.2	-0.4 ± 1.9	-21.4 ± 9.5	GA00621
FB3	-9.1	257.7	-0.9	-0.3 ± 0.2	-0.4 ± 1.9	-29.2 ± 9.9	GA00622
FC1	-9.1	235.6	-0.8	-0.3 ± 0.2	-0.4 ± 1.9	-24.1 ± 10.4	GA00623
FC2	12.3	291.0	-0.7	0.3 ± 1.1	0.0 ± 2.1	-24.9 ± 11.0	GA00624
FC3	12.3	346.3	-0.7	-0.3 ± 0.2	0.4 ± 2.2	-22.8 ± 9.3	GA00625
WA1A	1.6	224.5	-0.7	0.3 ± 1.1	-0.8 ± 1.7	-19.6 ± 8.7	GA00626
WA2A	-9.1	324.2	-0.5	-0.3 ± 0.2	1.3 ± 2.5	-20.9 ± 8.5	GA00627
WA3A	-9.1	146.9	-0.3	-0.3 ± 0.2	0.4 ± 2.2	-22.6 ± 8.4	GA00628
WA1B	12.3	124.8	-0.3	-0.3 ± 0.2	0.0 ± 2.1	-17.0 ± 9.1	GA00629
WA2B	12.3	36.2	-0.4	-0.3 ± 0.2	-1.3 ± 1.5	-18.7 ± 9.0	GA00630
WA3B	1.6	135.9	-0.4	-0.3 ± 0.2	2.5 ± 2.9	-20.9 ± 9.3	GA00631
WB1A	12.3	257.7	-0.2	-0.3 ± 0.2	-1.7 ± 1.2	-18.2 ± 9.3	GA00632
WB2A	1.6	213.4	-0.2	0.3 ± 1.1	2.5 ± 2.9	-14.0 ± 9.2	GA00633
WB3A	-9.1	191.3	-0.3	-0.3 ± 0.2	0.0 ± 2.1	-21.5 ± 10.6	GA00634
WB1B	-9.1	14.0	-0.5	-0.3 ± 0.2	1.7 ± 2.6	-17.0 ± 9.1	GA00635
WB2B	-9.1	124.8	-0.6	-0.3 ± 0.2	0.8 ± 2.4	-27.7 ± 8.6	GA00636
WB3B	12.3	135.9	-0.6	-0.3 ± 0.2	0.0 ± 2.1	-17.3 ± 9.3	GA00637
WC1A	-9.1	135.9	-0.5	-0.3 ± 0.2	0.4 ± 2.2	-19.6 ± 8.7	GA00638
WC2A	-9.1	3.0	-0.6	-0.3 ± 0.2	-0.4 ± 1.9	-11.5 ± 9.4	GA00639
WC3A	1.6	124.8	-0.8	-0.3 ± 0.2	0.4 ± 2.2	-26.0 ± 8.0	GA00640
WC1B	12.3	202.3	-0.9	-0.3 ± 0.2	-0.8 ± 1.7	-25.6 ± 9.1	GA00641
WC2B	-9.1	14.0	-0.9	-0.3 ± 0.2	-0.8 ± 1.7	-20.4 ± 8.6	GA00642
WC3B	12.3	180.2	-1.0	0.0 ± 0.0	0.5 ± 1.2	-15.9 ± 9.7	GA00643
WD1A	33.6	291.0	-1.0	0.0 ± 0.0	-0.7 ± 0.6	-16.6 ± 8.9	GA00644
WD2A	-9.1	3.0	-1.0	0.2 ± 0.4	-0.2 ± 1.1	-11.5 ± 9.4	GA00645
WD3A	-9.1	-19.2	-1.1	0.0 ± 0.0	0.5 ± 1.1	-18.3 ± 9.0	GA00646
WD1B	-9.1	-118.9	-1.0	0.0 ± 0.0	0.7 ± 1.3	-22.3 ± 9.1	GA00647
WD2B	-9.1	102.6	-1.0	0.0 ± 0.0	-0.9 ± 0.4	-15.1 ± 9.5	GA00648
WD3B	-9.1	25.1	-0.9	0.4 ± 0.6	-0.6 ± 0.9	-22.8 ± 9.3	GA00649

GRAPHICAL ILLUSTRATION



BUILDING T-2802 ROOM 2, DENTAL RESEARCH CLINIC,
FORT GEORGE G. MEADE, MD

U.S. ARMY CENTER FOR HEALTH PROMOTION
AND PREVENTIVE MEDICINE
UNITED STATES ARMY MEDICAL DEPARTMENT

DATE 9 SEPT 97
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SCALE NTS
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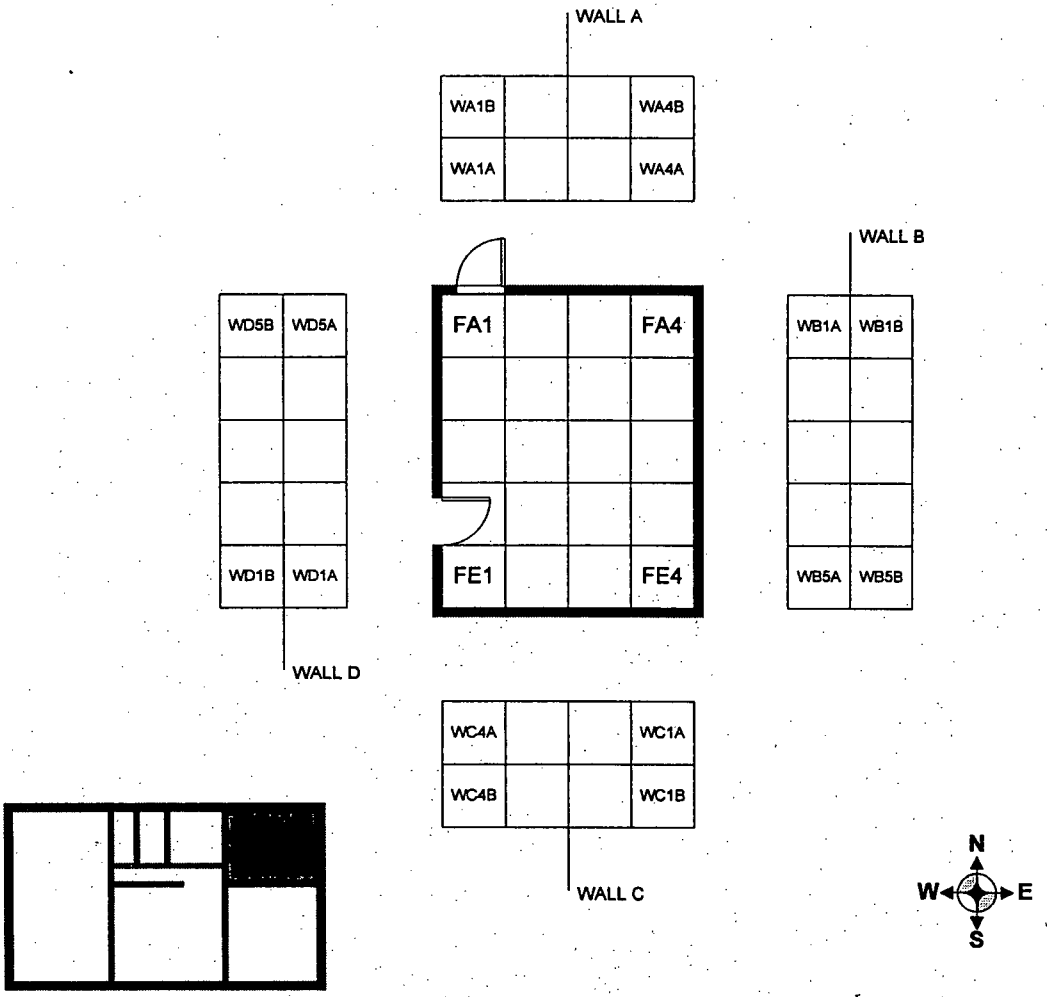
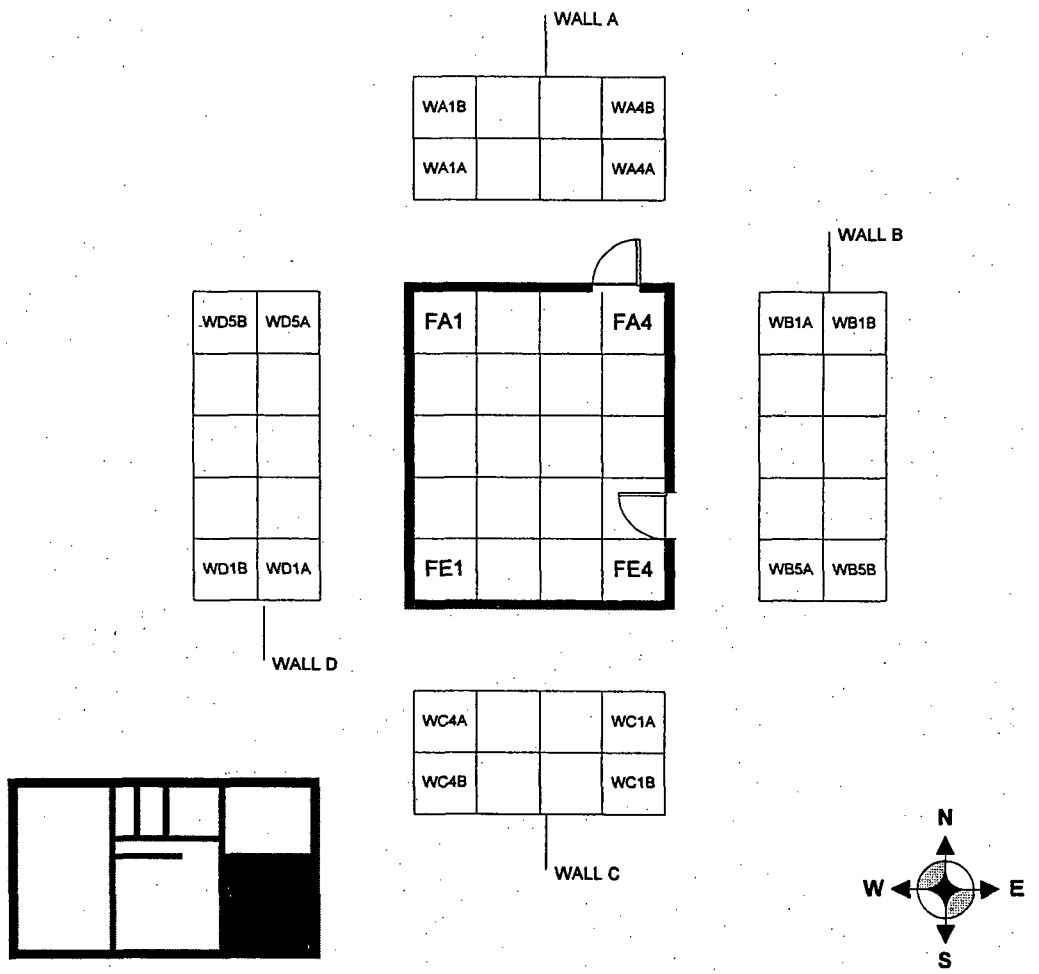


BUILDING T-2802 ROOM 3 DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 10 SEPT 97
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	DRAWN: JKD APPROVED: HE SCALE: NTS PLATE: N/A

Fort Meade, Building 2802 (Room 3)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	1.0	30.6	
(MDA =>)	54	401	-	0.6	1.0	26.5	
QA	N/A	N/A	N/A	0.0 ± 0.0	-0.6 ± 0.6	-22.6 ± 8.6	GA00650
FA1	-9.1	257.7	-0.9	0.0 ± 0.0	-0.3 ± 0.9	-22.3 ± 9.4	GA00651
FA2	1.6	202.3	-0.9	0.0 ± 0.0	-0.1 ± 0.9	-22.7 ± 8.8	GA00652
FA3	-9.1	69.4	-1.1	0.2 ± 0.4	0.4 ± 1.3	-17.7 ± 9.6	GA00653
FA4	22.9	313.1	-0.9	0.2 ± 0.4	0.1 ± 0.9	-17.7 ± 9.8	GA00654
FB1	12.3	291.0	-1.0	0.0 ± 0.0	-0.7 ± 0.7	-17.7 ± 9.8	GA00655
FB2	-9.1	302.0	-0.6	0.0 ± 0.0	0.3 ± 1.1	-24.1 ± 8.9	GA00656
FB3	-9.1	69.4	-0.5	-0.1 ± 0.0	0.0 ± 1.1	-23.3 ± 9.3	GA00657
FB4	-9.1	268.8	-0.7	0.0 ± 0.0	-0.2 ± 0.8	-20.0 ± 8.9	GA00658
FC1	1.6	25.1	-0.9	0.0 ± 0.0	0.5 ± 1.2	-23.2 ± 11.2	GA00659
FC2	-9.1	135.9	-1.1	0.0 ± 0.0	-0.7 ± 0.6	-21.8 ± 9.2	GA00660
FC3	-9.1	368.5	-0.9	0.2 ± 0.4	-0.2 ± 1.1	-21.9 ± 9.4	GA00661
FC4	1.6	268.8	-1.1	0.0 ± 0.0	-0.4 ± 0.7	-19.6 ± 9.1	GA00662
FD1	1.6	346.3	-0.4	0.2 ± 0.4	0.1 ± 1.1	-20.5 ± 9.6	GA00663
FD2	-9.1	268.8	-0.2	0.2 ± 0.4	0.1 ± 1.0	-21.0 ± 10.1	GA00664
FD3	-9.1	202.3	-0.2	0.2 ± 0.4	-0.8 ± 0.8	-26.0 ± 9.9	GA00665
FD4	-9.1	213.4	-0.2	0.0 ± 0.0	0.5 ± 1.1	-26.0 ± 9.9	GA00666
FE1	-9.1	246.6	0.0	0.0 ± 0.0	-0.5 ± 0.8	-24.2 ± 9.2	GA00667
FE2	-9.1	191.3	-0.1	0.0 ± 0.0	-0.5 ± 0.7	-22.9 ± 9.9	GA00668
FE3	-9.1	279.9	-0.2	0.4 ± 0.6	-0.8 ± 0.8	-23.4 ± 9.8	GA00669
FE4	-9.1	313.1	-0.2	0.0 ± 0.0	0.3 ± 1.0	-21.7 ± 11.7	GA00670
WA1A	-9.1	-41.3	-0.6	0.0 ± 0.0	-0.7 ± 0.7	-16.6 ± 8.9	GA00671
WA2A	1.6	80.5	-0.7	0.0 ± 0.0	0.5 ± 1.1	-20.9 ± 9.0	GA00672
WA3A	-9.1	47.3	-0.5	-0.1 ± 0.0	0.0 ± 1.1	-23.0 ± 8.6	GA00673
WA4A	12.3	-8.1	-0.7	0.0 ± 0.0	-0.4 ± 0.7	-19.5 ± 9.4	GA00674
WA1B	12.3	25.1	-1.2	0.0 ± 0.0	0.5 ± 1.2	-17.4 ± 9.1	GA00675
WA2B	-9.1	346.3	-1.3	0.0 ± 0.0	-0.3 ± 0.8	-26.8 ± 9.5	GA00676
WA3B	-9.1	390.6	-1.3	-0.1 ± 0.0	0.0 ± 1.1	-28.0 ± 9.7	GA00677
WA4B	1.6	102.6	-1.2	0.0 ± 0.0	-0.8 ± 0.4	-17.2 ± 9.9	GA00678
WB1A	-9.1	25.1	-1.3	0.0 ± 0.0	-0.1 ± 1.0	-18.3 ± 9.0	GA00679
WB2A	-9.1	91.6	-1.4	0.0 ± 0.0	-0.7 ± 0.6	-17.9 ± 8.8	GA00680
WB3A	-9.1	-30.3	-1.3	-0.1 ± 0.0	-1.2 ± 0.6	-15.0 ± 9.4	GA00681
WB4A	1.6	-196.4	-1.1	0.0 ± 0.0	0.1 ± 0.9	-13.9 ± 9.0	GA00682
WB5A	22.9	180.2	-0.8	0.0 ± 0.0	0.5 ± 1.2	-10.9 ± 9.3	GA00683
WB1B	-9.1	202.3	-0.9	0.0 ± 0.0	-0.5 ± 0.7	-25.6 ± 10.8	GA00684
WB2B	12.3	324.2	-1.0	-0.1 ± 0.0	-0.6 ± 0.9	-20.0 ± 9.4	GA00685
WB3B	-9.1	102.6	-0.9	0.0 ± 0.0	0.3 ± 1.0	-17.0 ± 8.7	GA00686
WB4B	-9.1	158.0	-0.7	0.0 ± 0.0	-0.5 ± 0.8	-22.7 ± 8.4	GA00687
WB5B	-9.1	-74.6	-0.7	0.0 ± 0.0	0.1 ± 1.0	-14.5 ± 8.7	GA00688
WC1A	1.6	191.3	-0.3	0.2 ± 0.4	-0.2 ± 1.1	-15.7 ± 8.6	GA00689
WC2A	1.6	102.6	-0.1	0.0 ± 0.0	0.7 ± 1.1	-18.3 ± 8.4	GA00690
WC3A	-9.1	80.5	-0.1	0.0 ± 0.0	-0.1 ± 1.0	-12.8 ± 8.9	GA00691
WC4A	1.6	434.9	-0.1	0.0 ± 0.0	0.1 ± 1.0	-17.8 ± 8.6	GA00692
WC1B	-9.1	279.9	-0.1	0.2 ± 0.4	-0.4 ± 1.0	-25.8 ± 10.1	GA00693
WC2B	1.6	158.0	-0.1	0.0 ± 0.0	0.7 ± 1.1	-20.0 ± 8.4	GA00694
WC3B	1.6	346.3	-0.2	0.0 ± 0.0	0.3 ± 1.1	-16.2 ± 8.6	GA00695
WC4B	22.9	169.1	-0.1	0.0 ± 0.0	0.9 ± 1.3	-18.3 ± 8.4	GA00696
WD1A	12.3	191.3	-0.2	-0.1 ± 0.0	0.2 ± 1.2	-12.3 ± 8.9	GA00697
WD2A	-9.1	169.1	-0.2	0.0 ± 0.0	-0.4 ± 0.7	-16.6 ± 8.5	GA00698
WD3A	-9.1	324.2	-0.2	0.0 ± 0.0	0.5 ± 1.2	-18.3 ± 8.4	GA00699

Fort Meade, Building 2802 (Room 3)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	1.0	30.6	
(MDA =>)	54	401	-	0.6	1.0	26.5	
WD4A	-9.1	202.3	-0.4	0.0 ± 0.0	1.1 ± 1.3	-19.6 ± 8.5	GA00700
WD5A	-9.1	169.1	-0.1	0.4 ± 0.6	-1.4 ± 0.5	-17.0 ± 8.5	GA00701
WD1B	1.6	191.3	-0.4	0.0 ± 0.0	-0.6 ± 0.6	-15.3 ± 8.7	GA00702
WD2B	12.3	279.9	-0.4	0.0 ± 0.0	-0.3 ± 0.9	-12.8 ± 8.9	GA00703
WD3B	1.6	3.0	-0.5	0.0 ± 0.0	-0.7 ± 0.6	-11.5 ± 9.0	GA00704
WD4B	-9.1	69.4	-0.8	-0.1 ± 0.0	-0.8 ± 0.8	-15.3 ± 9.6	GA00705
WD5B	-9.1	291.0	-0.9	0.0 ± 0.0	0.5 ± 1.1	-18.3 ± 8.6	GA00706
QA	N/A	N/A	N/A	0.0 ± 0.0	-0.3 ± 0.9	-17.0 ± 8.5	GA00707
RSINK1	1.6	47.3	-1.3	0.2 ± 0.4	0.7 ± 1.2	-14.5 ± 9.4	GA00708
RCAB2	1.6	224.5	-1.3	0.2 ± 0.4	-0.2 ± 1.1	-28.1 ± 12.2	GA00709
RCAB3	-9.1	36.2	-1.1	0.0 ± 0.0	0.9 ± 1.2	-26.7 ± 10.7	GA00710
RCAB4	-9.1	124.8	-1.1	0.0 ± 0.0	-0.5 ± 0.8	-20.5 ± 9.7	GA00711
RCAB5	1.6	257.7	-0.9	0.0 ± 0.0	1.1 ± 1.3	-19.1 ± 9.0	GA00712
RCAB6	-9.1	158.0	-1.0	0.2 ± 0.4	-0.2 ± 1.1	-20.0 ± 8.4	GA00713
RCAB7	-9.1	357.4	-1.1	0.0 ± 0.0	-0.8 ± 0.4	-15.1 ± 9.1	GA00714
RD8	12.3	124.8	-1.6	0.0 ± 0.0	-0.3 ± 0.9	-15.0 ± 9.4	GA00715
RCAB9	1.6	213.4	-1.3	0.0 ± 0.0	0.1 ± 1.0	-16.8 ± 9.2	GA00716
RVENT	-9.1	257.7	-0.7	0.2 ± 0.4	0.2 ± 1.2	-15.0 ± 10.5	GA00717
RPIPE	1.6	113.7	-0.6	0.4 ± 0.6	0.3 ± 1.0	-19.1 ± 9.3	GA00718

GRAPHICAL ILLUSTRATION

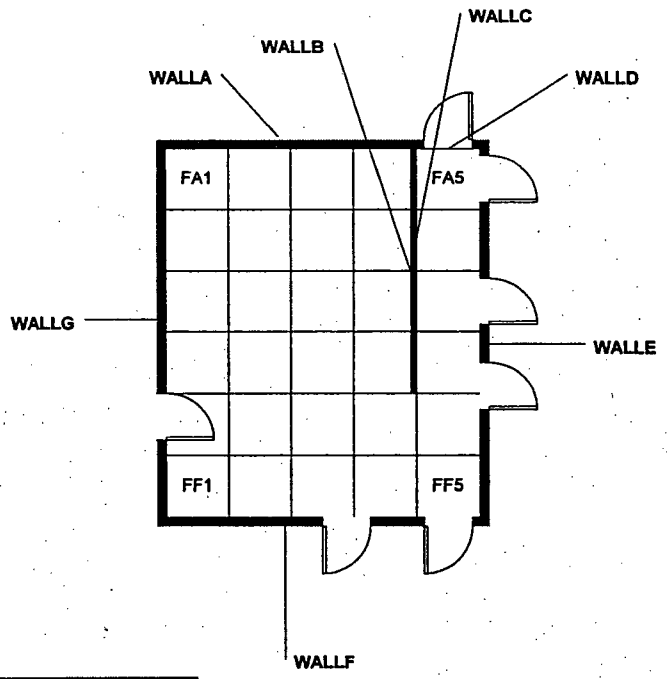


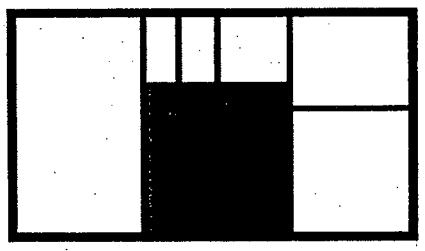
BUILDING T-2802 ROOM 4 DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 10 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

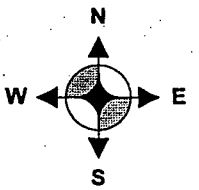
Fort Meade, Building 2802 (Room 4)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	1.0	30.0	
(MDA =>)	54	401	-	0.6	1.0	27.8	
WD4A	-9.1	25.1	-0.5	0.2 ± 0.4	-0.8 ± 0.8	-28.2 ± 8.8	GA00769
WD5A	12.3	91.6	-0.6	0.0 ± 0.0	0.3 ± 1.0	-20.9 ± 9.5	GA00770
WD1B	12.3	-74.6	-0.5	0.0 ± 0.0	-0.5 ± 0.8	-22.6 ± 8.8	GA00771
WD2B	-9.1	25.1	-0.7	0.0 ± 0.0	-0.9 ± 0.4	-20.8 ± 8.7	GA00772
WD3B	-9.1	25.1	-0.6	0.2 ± 0.4	-0.6 ± 0.9	-27.0 ± 10.3	GA00773
WD4B	1.6	36.2	-0.5	0.2 ± 0.4	0.3 ± 1.0	-35.9 ± 11.7	GA00774
WD5B	-9.1	69.4	-0.7	0.0 ± 0.0	0.3 ± 1.1	-19.1 ± 9.1	GA00775
RCNT1	-9.1	91.6	-1.1	0.2 ± 0.4	-0.9 ± 0.4	-22.8 ± 9.8	GA00776
RCNT2	12.3	169.1	-1.3	-0.1 ± 0.0	-1.2 ± 0.6	-22.3 ± 9.8	GA00777
RSNK3	12.3	268.8	-0.8	0.0 ± 0.0	0.1 ± 0.9	-14.8 ± 9.7	GA00778
RD4	1.6	202.3	-1.0	0.0 ± 0.0	-0.1 ± 1.0	-24.8 ± 9.9	GA00779
RD5	1.6	268.8	-1.0	0.0 ± 0.0	-0.1 ± 0.9	-22.5 ± 10.7	GA00780
RD6	1.6	235.6	-1.1	0.2 ± 0.4	-0.6 ± 0.9	-27.1 ± 9.7	GA00781
RD7	-9.1	-30.3	-0.9	0.2 ± 0.4	-0.4 ± 0.7	-21.9 ± 10.1	GA00782
RD8	-9.1	-30.3	-0.9	0.0 ± 0.0	-0.7 ± 0.7	-25.6 ± 9.5	GA00783

Fort Meade, Building 2802 (Room 4)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	1.0	30.0	
(MDA =>)	54	401	-	0.6	1.0	27.8	
FA1	1.6	146.9	-0.9	0.0 ± 0.0	0.3 ± 1.1	-21.9 ± 9.0	GA00719
FA2	1.6	158.0	-1.0	0.0 ± 0.0	-0.3 ± 0.8	-15.7 ± 8.9	GA00720
FA3	-9.1	91.6	-1.2	-0.1 ± 0.0	-0.6 ± 0.9	-22.7 ± 8.4	GA00721
FA4	-9.1	357.4	-1.3	0.0 ± 0.0	-0.6 ± 0.6	-17.0 ± 8.7	GA00722
FB1	-9.1	224.5	-1.2	0.0 ± 0.0	0.7 ± 1.3	-18.2 ± 9.1	GA00723
FB2	-9.1	235.6	-1.1	0.0 ± 0.0	0.1 ± 1.0	-17.3 ± 8.9	GA00724
FB3	-9.1	-52.4	-1.1	-0.1 ± 0.0	-1.2 ± 0.6	-17.2 ± 9.4	GA00725
FB4	-9.1	102.6	-1.0	0.0 ± 0.0	0.1 ± 0.9	-18.6 ± 10.0	GA00726
FC1	1.6	146.9	-0.9	0.2 ± 0.4	-0.1 ± 1.0	-26.2 ± 9.6	GA00727
FC2	1.6	279.9	-0.8	0.0 ± 0.0	-0.1 ± 0.9	-21.4 ± 9.5	GA00728
FC3	1.6	401.7	-0.7	0.2 ± 0.4	-0.4 ± 1.0	-21.8 ± 9.4	GA00729
FC4	-9.1	102.6	-0.9	0.0 ± 0.0	0.3 ± 1.0	-24.8 ± 8.6	GA00730
FD1	-9.1	191.3	-0.8	0.0 ± 0.0	0.1 ± 1.1	-20.9 ± 9.0	GA00731
FD2	-9.1	302.0	-0.8	0.0 ± 0.0	0.7 ± 1.2	-20.0 ± 9.6	GA00732
FD3	1.6	257.7	-0.7	-0.1 ± 0.0	-0.6 ± 0.9	-21.3 ± 9.0	GA00733
FD4	1.6	235.6	-0.6	0.0 ± 0.0	-0.2 ± 0.8	-19.1 ± 9.4	GA00734
FE1	1.6	135.9	-0.4	0.0 ± 0.0	-0.5 ± 0.8	-19.5 ± 9.6	GA00735
FE2	-9.1	102.6	-0.4	0.0 ± 0.0	0.3 ± 1.1	-24.0 ± 9.0	GA00736
FE3	1.6	335.3	-0.3	-0.1 ± 0.0	-0.4 ± 1.0	-25.9 ± 9.0	GA00737
FE4	-9.1	58.3	-0.4	0.0 ± 0.0	0.1 ± 0.9	-18.2 ± 9.8	GA00738
WA1A	1.6	-196.4	-1.1	0.0 ± 0.0	0.1 ± 1.1	-18.7 ± 9.5	GA00739
WA2A	-9.1	-296.1	-1.2	0.0 ± 0.0	-0.5 ± 0.7	-22.6 ± 10.8	GA00740
WA3A	12.3	-141.0	-1.2	-0.1 ± 0.0	0.4 ± 1.3	-27.8 ± 11.4	GA00741
WA4A	12.3	-141.0	-1.4	0.0 ± 0.0	-0.2 ± 0.8	-22.3 ± 9.4	GA00742
WA1B	-9.1	213.4	-1.4	0.0 ± 0.0	-0.7 ± 0.7	-19.1 ± 8.9	GA00743
WA2B	12.3	-41.3	-1.3	0.0 ± 0.0	-0.1 ± 0.9	-20.9 ± 8.8	GA00744
WA3B	1.6	279.9	-1.2	-0.1 ± 0.0	-0.8 ± 0.8	-19.6 ± 8.9	GA00745
WA4B	1.6	-8.1	-1.3	0.0 ± 0.0	-0.4 ± 0.7	-17.9 ± 9.1	GA00746
WB1A	-9.1	25.1	-1.4	0.0 ± 0.0	-0.3 ± 0.9	-21.3 ± 8.7	GA00747
WB2A	-9.1	135.9	-1.5	0.0 ± 0.0	-0.3 ± 0.8	-19.6 ± 8.9	GA00748
WB3A	-9.1	146.9	-1.4	-0.1 ± 0.0	0.6 ± 1.3	-16.3 ± 9.0	GA00749
WB4A	-9.1	3.0	-1.2	0.0 ± 0.0	-0.2 ± 0.8	-21.7 ± 8.7	GA00750
QA	N/A	N/A	N/A	0.2 ± 0.4	-0.5 ± 0.8	-21.7 ± 8.9	GA00751
WB5A	-9.1	257.7	-0.8	0.0 ± 0.0	-0.3 ± 0.8	-22.6 ± 8.6	GA00752
WB1B	12.3	191.3	-1.0	-0.1 ± 0.0	0.2 ± 1.2	-20.9 ± 8.8	GA00753
WB2B	-9.1	291.0	-1.0	0.0 ± 0.0	-0.2 ± 0.8	-17.4 ± 9.1	GA00754
WB3B	-9.1	-74.6	-1.0	0.0 ± 0.0	-0.5 ± 0.8	-19.6 ± 8.7	GA00755
WB4B	-9.1	257.7	-0.9	0.0 ± 0.0	-0.1 ± 0.9	-20.9 ± 8.8	GA00756
WB5B	1.6	146.9	-0.9	-0.1 ± 0.0	-0.4 ± 1.0	-20.0 ± 8.9	GA00757
WC1A	22.9	357.4	-0.7	0.0 ± 0.0	-0.2 ± 0.8	-17.9 ± 9.1	GA00758
WC2A	1.6	468.2	-0.8	0.0 ± 0.0	-0.1 ± 1.0	-23.5 ± 8.8	GA00759
WC3A	1.6	169.1	-0.4	0.0 ± 0.0	0.1 ± 1.0	-14.5 ± 9.4	GA00760
WC4A	1.6	202.3	-0.5	0.2 ± 0.4	-0.6 ± 0.9	-16.6 ± 9.2	GA00761
WC1B	12.3	180.2	-0.6	0.2 ± 0.4	0.9 ± 1.2	-17.9 ± 9.1	GA00762
WC2B	-9.1	14.0	-0.7	0.0 ± 0.0	0.1 ± 1.1	-19.6 ± 9.1	GA00763
WC3B	-9.1	-8.1	-0.6	0.2 ± 0.4	0.3 ± 1.1	-35.6 ± 12.4	GA00764
WC4B	-9.1	324.2	-0.5	-0.1 ± 0.0	-1.0 ± 0.7	-20.0 ± 9.3	GA00765
WD1A	1.6	47.3	-0.5	0.0 ± 0.0	-0.2 ± 0.8	-19.6 ± 9.1	GA00766
WD2A	-9.1	80.5	-0.4	0.0 ± 0.0	-0.7 ± 0.7	-16.2 ± 9.2	GA00767
WD3A	-9.1	113.7	-0.3	0.0 ± 0.0	0.5 ± 1.1	-21.7 ± 8.9	GA00768

GRAPHICAL ILLUSTRATION





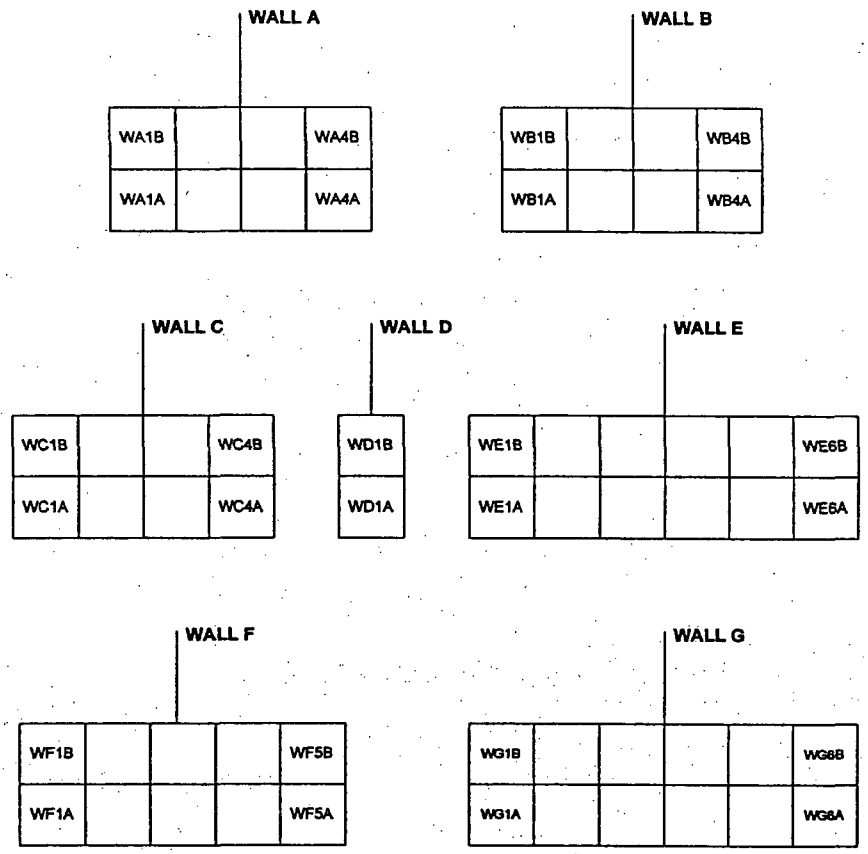


BUILDING T-2802 ROOM 5 FLOORS, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD

U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE
UNITED STATES ARMY MEDICAL DEPARTMENT

DATE:	9 SEPT 97
DRAWN:	JKD
APPROVED:	HE
SCALE:	NTS
PLATE:	N/A

GRAPHICAL ILLUSTRATION



BUILDING T-2802 ROOM 5 WALLS, DENTAL RESEARCH CLINIC,
FORT GEORGE G. MEADE, MD

U.S. ARMY CENTER FOR HEALTH PROMOTION
AND PREVENTIVE MEDICINE
UNITED STATES ARMY MEDICAL DEPARTMENT

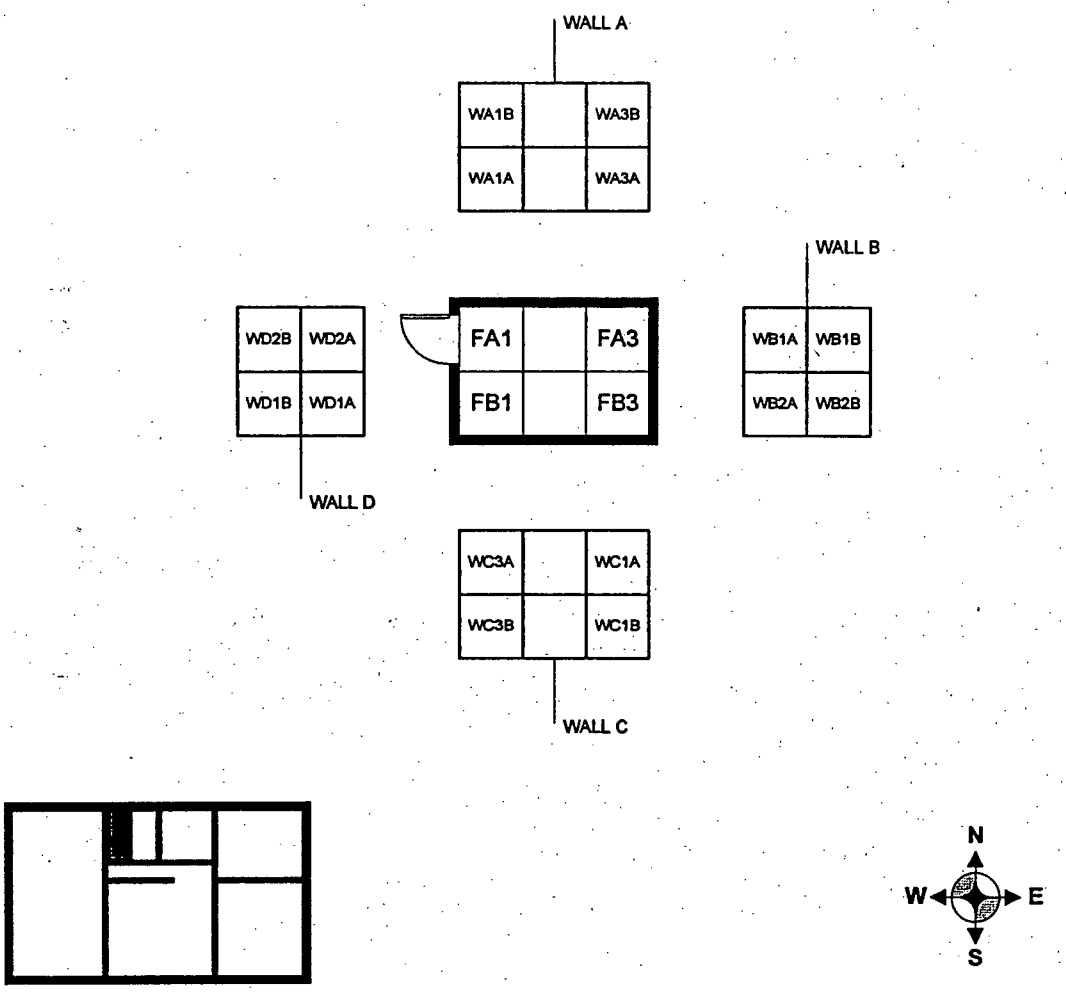
DATE:	9 SEPT 97
DRAWN:	JKD
APPROVED:	HE
SCALE:	NTS
PLATE:	N/A

Fort Meade, Building 2802 (Room 5)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	0.8	31.4	
(MDA =>)	54	401	-	2.6	2.8	28.2	
FA1	1.6	69.4	-0.2	0.0 ± 0.0	-0.1 ± 0.9	-23.6 ± 9.4	GA00784
FA2	12.3	246.6	-0.5	-0.1 ± 0.0	-0.4 ± 1.0	-25.5 ± 9.3	GA00785
FA3	1.6	113.7	-0.8	0.0 ± 0.0	-0.2 ± 0.8	-20.4 ± 9.5	GA00786
FA4	1.6	-74.6	-0.6	0.0 ± 0.0	-0.5 ± 0.8	-25.5 ± 9.3	GA00787
FA5	1.6	-185.4	-0.7	0.0 ± 0.0	-0.3 ± 0.8	-21.3 ± 9.4	GA00788
FB1	-9.1	80.5	-0.7	-0.1 ± 0.0	-0.4 ± 1.0	-20.4 ± 9.5	GA00789
FB2	-9.1	-130.0	-0.8	0.0 ± 0.0	0.1 ± 0.9	-20.9 ± 9.9	GA00790
FB3	-9.1	-85.7	-0.9	0.0 ± 0.0	-0.7 ± 0.7	-17.7 ± 10.2	GA00791
FB4	-9.1	-85.7	-0.9	0.0 ± 0.0	0.7 ± 1.2	-21.7 ± 9.1	GA00792
FB5	12.3	3.0	-0.8	-0.1 ± 0.0	-0.4 ± 1.0	-19.1 ± 9.1	GA00793
FC1	-9.1	-185.4	-0.7	0.0 ± 0.0	-0.2 ± 0.8	-19.1 ± 9.1	GA00794
FC2	1.6	-174.3	-0.7	0.2 ± 0.4	-0.7 ± 0.7	-24.8 ± 8.8	GA00795
FC3	1.6	-152.1	-0.6	0.0 ± 0.0	-0.7 ± 0.6	-19.1 ± 9.3	GA00796
FC4	1.6	-141.0	-0.6	0.2 ± 0.4	-0.2 ± 1.1	-21.7 ± 8.9	GA00797
FC5	12.3	3.0	-0.5	0.0 ± 0.0	0.5 ± 1.1	-17.8 ± 9.4	GA00798
FD1	-9.1	-163.2	-0.6	0.0 ± 0.0	-0.5 ± 0.8	-20.0 ± 9.3	GA00799
QA	N/A	N/A	N/A	0.0 ± 0.0	-0.3 ± 0.8	-21.3 ± 8.9	GA00800
FD2	-9.1	-318.3	-0.5	0.2 ± 0.4	-0.4 ± 1.0	-31.9 ± 9.2	GA00801
FD3	-9.1	-240.7	-0.5	0.2 ± 0.4	0.1 ± 0.9	-17.9 ± 9.2	GA00802
FD4	1.6	-285.0	-0.9	0.0 ± 0.0	-0.5 ± 0.8	-25.0 ± 9.3	GA00803
FD5	1.6	-406.9	-0.6	0.0 ± 0.0	-0.5 ± 0.7	-22.6 ± 8.8	GA00804
FE1	-9.1	-362.6	-0.1	-0.1 ± 0.0	-0.8 ± 0.8	-21.4 ± 9.6	GA00805
FE2	12.3	-440.1	-0.1	0.0 ± 0.0	0.1 ± 0.9	-23.9 ± 10.3	GA00806
FE3	-9.1	-107.8	-0.2	0.0 ± 0.0	-0.1 ± 1.0	-20.5 ± 9.7	GA00807
FE4	-9.1	-240.7	-0.4	0.0 ± 0.0	-0.7 ± 0.6	-23.2 ± 9.5	GA00808
FE5	12.3	-52.4	-0.2	-0.1 ± 0.0	0.2 ± 1.2	-31.2 ± 12.1	GA00809
FF1	-9.1	-74.6	-0.3	0.0 ± 0.0	-0.4 ± 0.7	-21.3 ± 8.9	GA00810
FF2	-9.1	3.0	-0.3	0.0 ± 0.0	-0.5 ± 0.8	-27.1 ± 8.8	GA00811
FF3	1.6	124.8	-0.3	0.0 ± 0.0	0.3 ± 1.1	-23.9 ± 8.9	GA00812
FF4	1.6	-63.5	-0.2	-0.1 ± 0.0	-1.0 ± 0.7	-25.0 ± 9.3	GA00813
FF5	12.3	113.7	-0.3	0.0 ± 0.0	-0.2 ± 0.8	-23.0 ± 9.0	GA00814
WA1A	1.6	-130.0	-0.9	0.0 ± 0.0	-0.5 ± 0.8	-24.7 ± 8.6	GA00815
WA2A	1.6	-130.0	-1.1	0.2 ± 0.4	0.1 ± 1.0	-19.6 ± 9.5	GA00816
WA3A	1.6	-52.4	-1.1	-0.1 ± 0.0	-0.6 ± 0.9	-22.2 ± 9.3	GA00817
WA4A	1.6	-141.0	-1.1	0.0 ± 0.0	-0.6 ± 0.6	-16.2 ± 9.4	GA00818
WA1B	-9.1	113.7	-1.1	0.0 ± 0.0	-0.7 ± 0.7	-24.3 ± 8.6	GA00819
WA2B	1.6	-130.0	-1.0	0.0 ± 0.0	0.3 ± 1.1	-27.0 ± 9.4	GA00820
WA3B	1.6	-174.3	-0.8	0.2 ± 0.4	0.2 ± 1.2	-22.5 ± 8.6	GA00821
WA4B	1.6	268.8	-1.1	0.0 ± 0.0	0.3 ± 1.0	-22.1 ± 8.8	GA00822
WB1A	12.3	25.1	-1.1	0.0 ± 0.0	-0.1 ± 1.0	-14.2 ± 9.3	GA00823
WB2A	-9.1	-274.0	-1.2	0.0 ± 0.0	-0.9 ± 0.4	-24.7 ± 8.6	GA00824
WB3A	1.6	-8.1	-1.0	-0.1 ± 0.0	0.2 ± 1.2	-21.4 ± 9.6	GA00825
WB4A	-9.1	-63.5	-0.9	0.0 ± 0.0	-0.2 ± 0.8	-23.6 ± 9.2	GA00826
WB1B	12.3	-8.1	-1.1	0.0 ± 0.0	-0.9 ± 0.6	-19.6 ± 9.3	GA00827
WB2B	-9.1	36.2	-1.1	0.0 ± 0.0	-0.1 ± 0.9	-21.3 ± 8.7	GA00828
WB3B	-9.1	69.4	-0.9	-0.1 ± 0.0	-0.4 ± 1.0	-22.8 ± 9.8	GA00829
WB4B	-9.1	102.6	-1.0	0.0 ± 0.0	0.9 ± 1.2	-20.4 ± 8.8	GA00830
WC1A	1.6	14.0	-0.7	0.0 ± 0.0	0.3 ± 1.1	-18.0 ± 8.8	GA00831
WC2A	-9.1	91.6	-0.6	0.2 ± 0.4	-0.7 ± 0.6	-21.2 ± 8.5	GA00832
WC3A	-9.1	14.0	-0.7	-0.1 ± 0.0	-0.6 ± 0.9	-19.2 ± 8.7	GA00833

Fort Meade, Building 2802 (Room 5)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	0.8	31.4	
(MDA =>)	54	401	-	2.6	2.8	28.2	
WC4A	12.3	-30.3	-0.6	0.0 ± 0.0	-0.6 ± 0.6	-22.9 ± 8.3	GA00834
WC1B	12.3	102.6	-0.6	0.0 ± 0.0	-0.3 ± 0.9	-20.8 ± 8.7	GA00835
WC2B	-9.1	113.7	-1.0	0.0 ± 0.0	-0.7 ± 0.6	-21.3 ± 8.7	GA00836
WC3B	1.6	202.3	-0.8	0.2 ± 0.4	-0.2 ± 1.1	-21.7 ± 8.2	GA00837
WC4B	12.3	-19.2	-1.1	0.0 ± 0.0	-0.4 ± 0.7	-17.9 ± 8.6	GA00838
WD1A	1.6	-52.4	-1.2	0.0 ± 0.0	-0.1 ± 1.0	-19.2 ± 8.5	GA00839
WD1B	12.3	-85.7	-1.0	0.0 ± 0.0	-0.5 ± 0.7	-20.4 ± 9.1	GA00840
WE1A	-9.1	-30.3	-1.1	-0.1 ± 0.0	-0.8 ± 0.8	-19.2 ± 8.5	GA00841
WE2A	1.6	-96.7	-1.0	0.0 ± 0.0	-0.2 ± 0.8	-18.0 ± 8.4	GA00842
WE3A	-9.1	146.9	-1.0	0.0 ± 0.0	-0.3 ± 0.9	-18.4 ± 8.4	GA00843
WE4A	1.6	-96.7	-1.0	0.0 ± 0.0	-0.1 ± 0.9	-19.2 ± 8.5	GA00844
WE5A	-9.1	-30.3	-0.6	-0.1 ± 0.0	0.8 ± 1.4	-15.4 ± 8.8	GA00845
WE6A	-9.1	-218.6	-0.7	0.0 ± 0.0	0.1 ± 0.9	-15.0 ± 8.9	GA00846
WE1B	1.6	3.0	-0.8	0.0 ± 0.0	-0.1 ± 1.0	-18.3 ± 8.6	GA00847
WE2B	12.3	135.9	-0.9	0.0 ± 0.0	-0.1 ± 0.9	-16.3 ± 8.5	GA00848
WE3B	-9.1	69.4	-1.0	-0.1 ± 0.0	-0.4 ± 1.0	-17.1 ± 8.5	GA00849
QA	N/A	N/A	N/A	0.0 ± 0.0	-0.4 ± 0.7	-11.7 ± 9.2	GA00850
WE4B	12.3	257.7	-1.0	0.0 ± 0.0	-0.3 ± 0.9	-17.9 ± 8.6	GA00851
WE5B	1.6	135.9	-0.7	0.2 ± 0.4	-0.3 ± 0.8	-17.4 ± 8.9	GA00852
WE6B	12.3	-96.7	-0.6	-0.1 ± 0.0	-0.4 ± 1.0	-21.7 ± 8.2	GA00853
WF1A	-9.1	80.5	-0.5	0.0 ± 0.0	-0.2 ± 0.8	-20.4 ± 8.4	GA00854
WF2A	1.6	-85.7	-0.6	0.2 ± 0.4	0.5 ± 1.2	-18.8 ± 8.5	GA00855
WF3A	1.6	324.2	-0.6	0.0 ± 0.0	-0.3 ± 0.8	-16.3 ± 8.5	GA00856
WF4A	1.6	36.2	-0.7	-0.1 ± 0.0	0.0 ± 1.1	-18.4 ± 8.4	GA00857
WF5A	-9.1	-8.1	-0.6	0.0 ± 0.0	0.3 ± 1.0	-17.6 ± 8.4	GA00858
WF1B	-9.1	102.6	-0.7	0.0 ± 0.0	-0.3 ± 0.9	-21.3 ± 8.3	GA00859
WF2B	-9.1	58.3	-0.6	0.0 ± 0.0	-0.3 ± 0.8	-14.2 ± 8.9	GA00860
WF3B	-9.1	91.6	-0.7	-0.1 ± 0.0	0.6 ± 1.3	-10.6 ± 9.5	GA00861
WF4B	-9.1	-19.2	-0.6	0.0 ± 0.0	0.3 ± 1.0	-16.7 ± 8.5	GA00862
WF5B	-9.1	833.7	-0.2	0.0 ± 0.0	-0.7 ± 0.7	-18.0 ± 8.4	GA00863
WG1A	-9.1	191.3	-0.5	0.0 ± 0.0	0.3 ± 1.1	-19.2 ± 8.5	GA00864
WG2A	-9.1	-163.2	-0.5	-0.1 ± 0.0	-0.4 ± 1.0	-19.6 ± 8.7	GA00865
WG3A	-9.1	-41.3	-0.8	0.0 ± 0.0	-0.4 ± 0.7	-17.4 ± 8.9	GA00866
WG4A	-9.1	-96.7	-0.8	0.0 ± 0.0	-0.5 ± 0.8	-21.4 ± 9.5	GA00867
WG5A	-9.1	-118.9	-1.0	0.0 ± 0.0	-0.7 ± 0.6	-18.2 ± 9.3	GA00868
WG6A	-9.1	146.9	-1.4	-0.1 ± 0.0	-0.2 ± 1.1	-12.2 ± 9.6	GA00869
WG1B	-9.1	-130.0	-1.1	0.2 ± 0.4	1.1 ± 1.3	-15.8 ± 8.8	GA00870
WG2B	-9.1	213.4	-0.9	0.7 ± 1.3	-1.9 ± 2.4	-23.4 ± 8.3	GA00871
WG3B	-9.1	69.4	-0.7	3.7 ± 3.6	2.8 ± 3.5	-28.6 ± 10.6	GA00872
WG4B	1.6	25.1	-1.0	-0.5 ± 0.3	-0.2 ± 3.0	-17.1 ± 8.7	GA00873
WG5B	-9.1	102.6	-0.9	1.5 ± 2.1	0.7 ± 2.8	-27.3 ± 12.4	GA00874
WG6B	1.6	91.6	-1.1	0.7 ± 1.3	-0.7 ± 2.9	-28.4 ± 13.3	GA00875
RCNT1	1.6	180.2	-1.2	0.0 ± 0.0	-0.1 ± 2.4	-20.5 ± 9.3	GA00876
RD2	1.6	124.8	-1.0	-0.5 ± 0.3	-1.9 ± 2.3	-20.0 ± 8.6	GA00877
RCNT3	-9.1	124.8	-1.1	0.0 ± 0.1	-1.0 ± 2.0	-21.4 ± 9.2	GA00878
RD4	-9.1	47.3	-1.1	0.0 ± 0.1	-1.3 ± 2.7	-16.2 ± 9.0	GA00879
RD5	-9.1	25.1	-1.1	0.0 ± 0.0	-1.3 ± 1.7	-15.0 ± 9.8	GA00880
RSNK6	-9.1	36.2	-1.4	-0.5 ± 0.3	-0.2 ± 3.0	-14.0 ± 9.2	GA00881
RD7	1.6	47.3	-1.4	0.7 ± 1.5	-0.5 ± 2.3	-25.2 ± 9.5	GA00882
RCNT8	1.6	14.0	-1.5	0.0 ± 0.1	-1.3 ± 2.7	-24.5 ± 9.0	GA00883

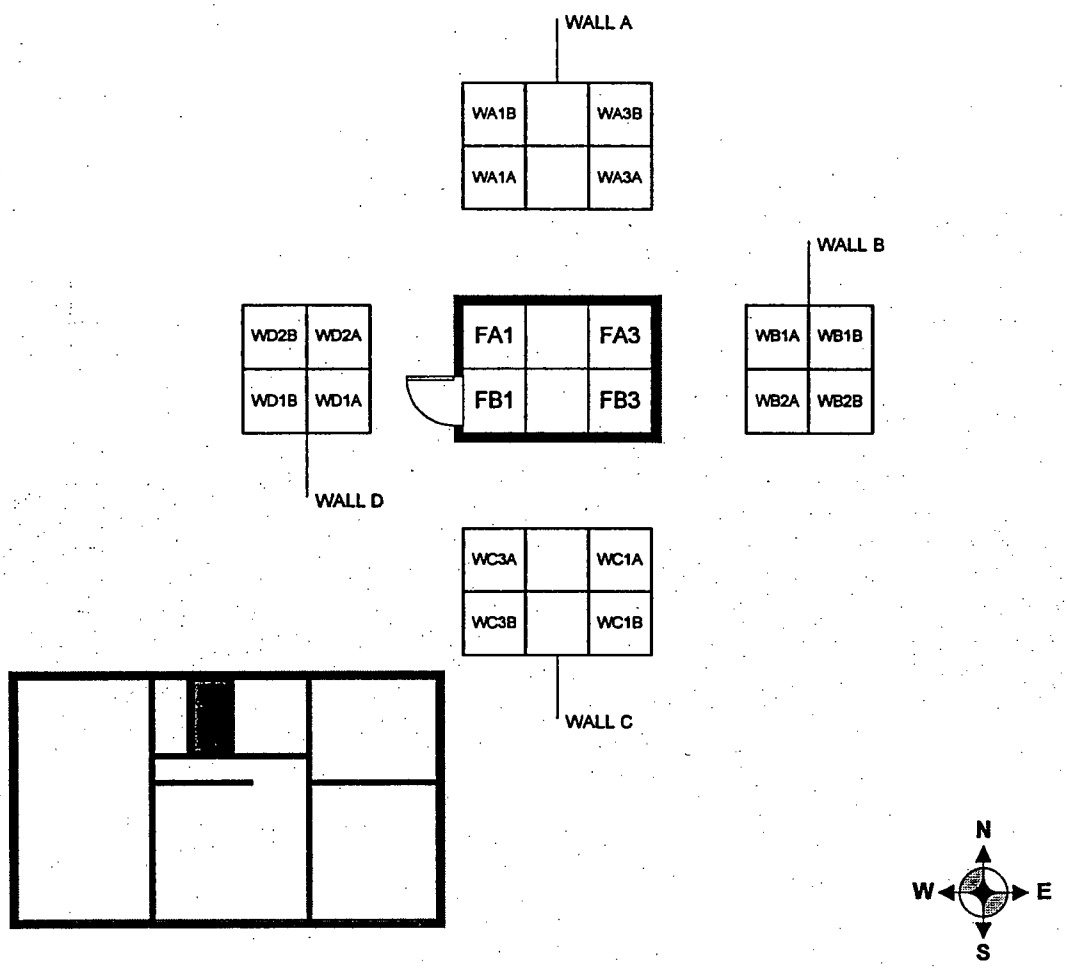
Fort Meade, Building 2802 (Room 5)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	0.8	31.4	
(MDA =>)	54	401	-	2.6	2.8	28.2	
RD9	1.6	-218.6	-1.5	0.0 ± 0.0	2.2 ± 3.3	-21.8 ± 9.3	GA00884
RCNT10	-9.1	-440.1	-1.6	0.3 ± 1.6	-1.3 ± 2.5	-17.4 ± 8.9	GA00885
RD11	-9.1	135.9	-1.4	0.0 ± 0.1	0.1 ± 2.5	-27.3 ± 8.7	GA00886

GRAPHICAL ILLUSTRATION



BUILDING T-2802 RESTROOM 1, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 9 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

GRAPHICAL ILLUSTRATION

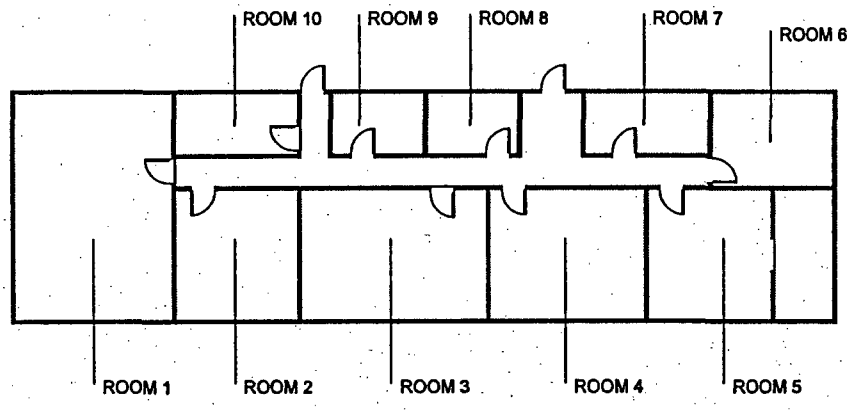


BUILDING T-2802 RESTROOM 2, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 9 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

Fort Meade, Building 2802 (Ladies' Restroom)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.4	31.8	
(MDA =>)	54	401	-	2.6	2.8	24.4	
FA1	-9.1	1764.1	-1.0	0.0 ± 0.1	1.1 ± 3.5	-21.7 ± 8.5	GA00887
FA2	-9.1	1697.7	-1.1	0.0 ± 0.0	2.2 ± 3.3	-23.8 ± 8.3	GA00888
FA3	12.3	1498.3	-0.9	0.3 ± 1.6	0.4 ± 3.2	-17.5 ± 8.7	GA00889
FB1	22.9	1321.1	-0.9	0.0 ± 0.1	0.7 ± 2.8	-19.1 ± 8.8	GA00890
FB2	12.3	1465.1	-0.9	0.0 ± 0.1	-3.0 ± 1.8	-23.0 ± 8.4	GA00891
FB3	12.3	1642.3	-0.6	0.0 ± 0.0	-0.7 ± 2.1	-20.9 ± 8.6	GA00892
WA1A	12.3	-8.1	-0.8	-0.5 ± 0.3	0.4 ± 3.2	-19.6 ± 8.7	GA00893
WA2A	-9.1	401.7	-0.7	0.0 ± 0.1	1.8 ± 3.2	-19.6 ± 8.7	GA00894
WA3A	-9.1	-85.7	-0.8	0.0 ± 0.1	-1.9 ± 2.4	-20.4 ± 8.7	GA00895
WA1B	-9.1	102.6	-1.0	0.0 ± 0.0	-0.7 ± 2.1	-17.9 ± 8.7	GA00896
WA2B	-9.1	135.9	-1.3	0.3 ± 1.6	0.9 ± 3.4	-17.9 ± 8.9	GA00897
WA3B	10.1	25.1	-1.0	0.0 ± 0.1	0.7 ± 2.8	-20.0 ± 8.7	GA00898
WB1A	1.6	-85.7	-1.2	0.0 ± 0.1	-0.1 ± 3.1	-20.8 ± 8.4	GA00899
QA	N/A	N/A	N/A	0.0 ± 0.0	-0.7 ± 2.1	-22.9 ± 8.2	GA00900
WB2A	-9.1	246.6	-0.6	-0.5 ± 0.3	-0.2 ± 3.0	-22.1 ± 8.3	GA00901
WB1B	-9.1	58.3	-0.8	0.0 ± 0.1	0.1 ± 2.5	-17.5 ± 8.7	GA00902
WB2B	-9.1	102.6	-0.9	0.0 ± 0.1	-1.3 ± 2.7	-31.1 ± 10.9	GA00903
WC1A	1.6	113.7	-1.1	0.0 ± 0.0	-0.1 ± 2.4	-20.0 ± 8.9	GA00904
WC2A	1.6	1121.7	-1.1	0.3 ± 1.6	-0.8 ± 2.8	-19.2 ± 8.6	GA00905
WC3A	22.9	1132.8	-1.2	0.0 ± 0.1	0.1 ± 2.5	-15.0 ± 8.9	GA00906
WC1B	-9.1	-30.3	-1.0	0.0 ± 0.1	-0.1 ± 3.1	-19.2 ± 8.6	GA00907
WC2B	1.6	135.9	-1.1	0.0 ± 0.0	2.2 ± 3.3	-19.6 ± 8.3	GA00908
WC3B	-9.1	-30.3	-1.2	-0.5 ± 0.3	0.4 ± 3.2	-17.0 ± 9.0	GA00909
WD1A	12.3	-52.4	-1.2	0.0 ± 0.1	1.3 ± 3.0	-16.7 ± 8.6	GA00910
WD2A	22.9	-85.7	-1.0	0.0 ± 0.1	-1.3 ± 2.7	-19.2 ± 8.6	GA00911
WD1B	25.2	3.0	-1.0	0.0 ± 0.0	-0.1 ± 2.4	-20.9 ± 8.9	GA00912
WD2B	-9.1	169.1	-1.2	-0.5 ± 0.3	-1.3 ± 2.5	-18.8 ± 8.6	GA00913
RSNK1	40.3	2871.8	-1.4	0.0 ± 0.1	1.8 ± 3.2	-20.0 ± 8.5	GA00914

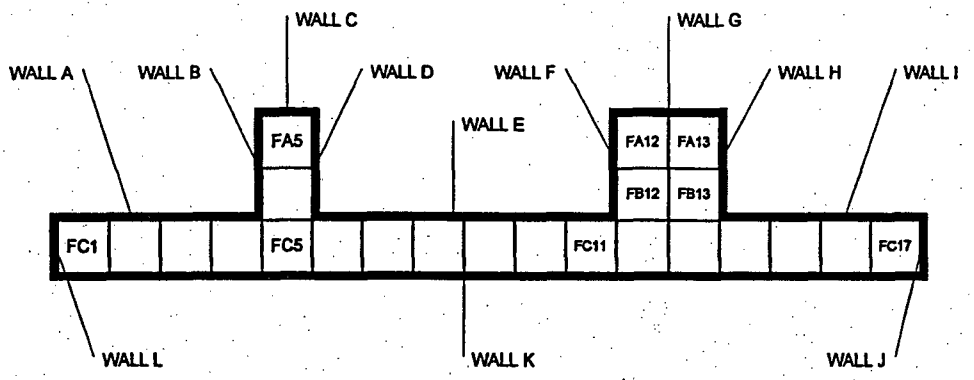
Fort Meade, Building 2802 (Men's Restroom)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.4	25.3	
(MDA =>)	54	401	-	2.6	2.8	25.5	
FA1	12.3	1420.8	-1.3	0.0 ± 0.1	-3.0 ± 1.8	-23.9 ± 8.6	GA00915
FA2	1.6	1454.0	-1.0	0.0 ± 0.0	1.7 ± 3.1	-15.2 ± 9.4	GA00916
FA3	1.6	1620.1	-0.9	0.3 ± 1.6	-0.8 ± 2.8	-18.7 ± 9.1	GA00917
FB1	22.9	1465.1	-0.7	0.0 ± 0.1	1.8 ± 3.2	-18.2 ± 9.6	GA00918
FB2	12.3	1321.1	-0.6	0.0 ± 0.1	-1.3 ± 2.7	-22.4 ± 9.7	GA00919
FB3	-9.1	1498.3	-0.5	0.0 ± 0.0	-0.7 ± 2.1	-20.0 ± 8.9	GA00920
WA1A	1.6	1265.7	-0.6	-0.5 ± 0.3	-1.3 ± 2.5	-18.4 ± 8.4	GA00921
WA2A	22.9	1177.1	-0.5	0.0 ± 0.1	-1.0 ± 2.0	-20.8 ± 8.4	GA00922
WA3A	12.3	102.6	-0.3	0.0 ± 0.1	-1.3 ± 2.7	-18.7 ± 8.8	GA00923
WA1B	-9.1	-296.1	-0.5	0.0 ± 0.0	1.1 ± 2.9	-17.9 ± 8.7	GA00924
WA2B	1.6	69.4	-1.0	-0.5 ± 0.3	-1.9 ± 2.3	-22.1 ± 8.5	GA00925
WA3B	-9.1	69.4	-1.0	0.0 ± 0.1	-1.0 ± 2.0	-17.4 ± 9.2	GA00926
WB1A	-9.1	91.6	-0.9	0.0 ± 0.1	-1.3 ± 2.7	-10.6 ± 8.3	GA00927
WB2A	-9.1	58.3	-0.7	0.0 ± 0.0	1.1 ± 2.9	-16.3 ± 7.5	GA00928
WB1B	-9.1	-19.2	-0.6	0.3 ± 1.6	-0.8 ± 2.8	-26.5 ± 11.5	GA00929
WB2B	1.6	36.2	-0.9	0.0 ± 0.1	-1.6 ± 1.7	-11.3 ± 8.4	GA00930
WC1A	-9.1	-63.5	-0.9	0.0 ± 0.1	-1.9 ± 2.4	-13.2 ± 8.0	GA00931
WC2A	-9.1	47.3	-0.8	0.0 ± 0.0	1.7 ± 3.1	-10.0 ± 8.2	GA00932
WC3A	-9.1	235.6	-0.8	-0.5 ± 0.3	-0.8 ± 2.8	-11.7 ± 8.0	GA00933
WC1B	12.3	80.5	-0.9	0.0 ± 0.1	1.8 ± 3.2	-18.2 ± 8.2	GA00934
WC2B	-9.1	213.4	-1.2	0.0 ± 0.1	-1.3 ± 2.7	-13.3 ± 7.8	GA00935
WC3B	-9.1	279.9	-1.2	0.0 ± 0.0	-0.7 ± 2.1	-10.0 ± 8.2	GA00936
WD1A	-9.1	124.8	-1.2	-0.5 ± 0.3	0.4 ± 3.2	-7.1 ± 8.4	GA00937
WD2A	-9.1	158.0	-0.9	0.0 ± 0.1	-1.0 ± 2.0	-13.3 ± 7.8	GA00938
WD1B	1.6	3.0	-1.0	0.0 ± 0.1	-0.1 ± 3.1	-12.9 ± 7.9	GA00939
WD2B	-9.1	14.0	-1.1	0.0 ± 0.0	0.5 ± 2.6	-11.7 ± 8.0	GA00940
RSNK1	1.6	2772.1	-1.2	-0.5 ± 0.3	-0.8 ± 2.8	-9.6 ± 8.2	GA00941

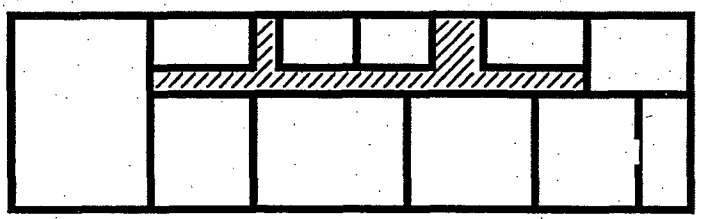
GRAPHICAL ILLUSTRATION



BUILDING T-2805, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 12 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

GRAPHICAL ILLUSTRATION





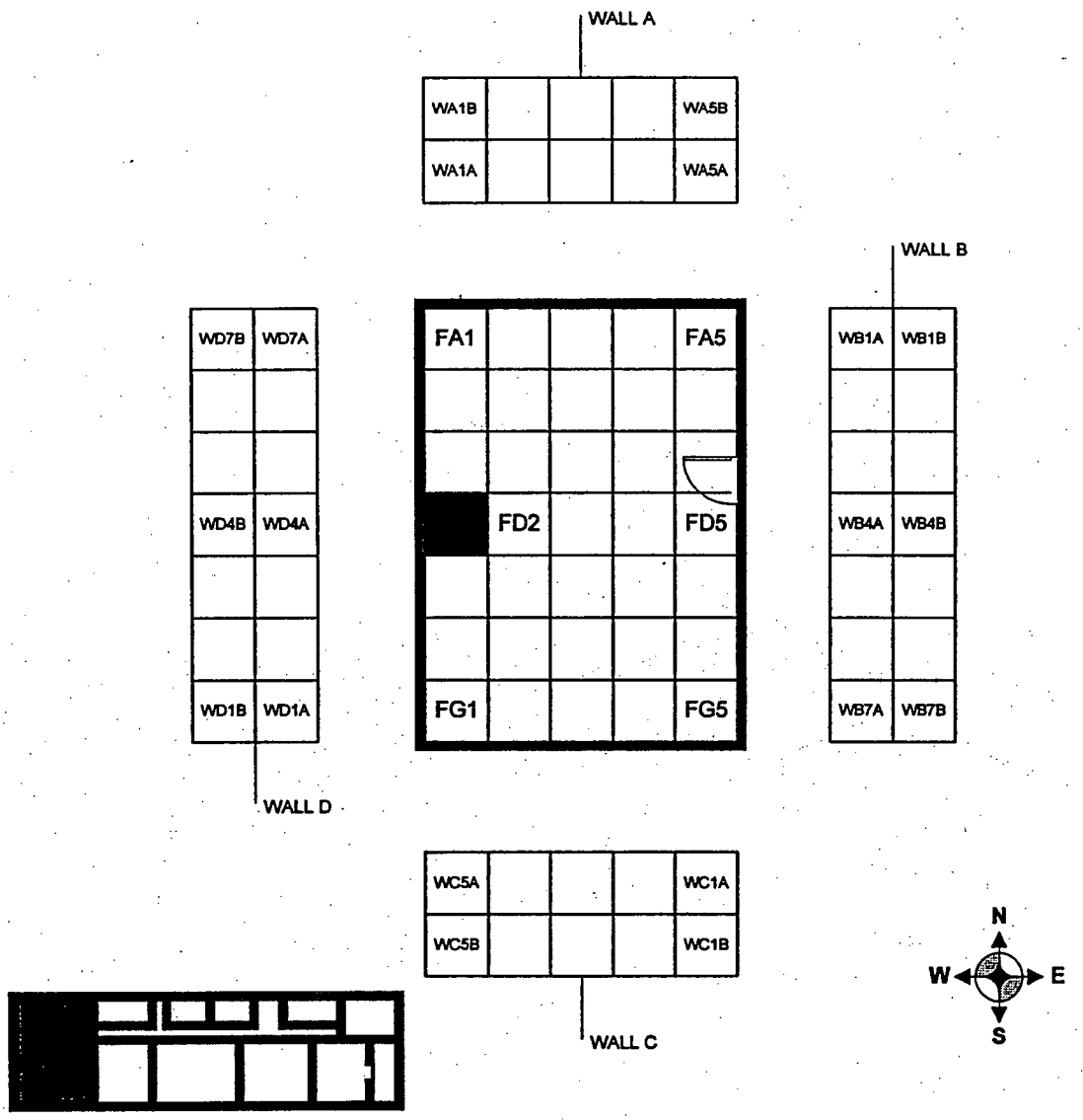
BUILDING T-2805 HALLWAY, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 9 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

Fort Meade, Building 2805 (Hallway)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.0	29.0	
(MDA =>)	54	401	-	2.1	2.4	60.1	
FA5	-9.1	146.9	-1.3	0.0 ± 0.0	0.7 ± 2.7	3.1 ± 14.9	GA01489
FA12	-9.1	213.4	-1.3	0.0 ± 0.0	-1.5 ± 1.6	-10.8 ± 11.7	GA01490
FA13	10.1	191.3	-1.1	0.0 ± 0.0	0.7 ± 2.7	-12.9 ± 12.6	GA01491
FB5	5.0	302.0	-1.3	0.0 ± 0.0	-1.5 ± 1.6	40.8 ± 21.8	GA01492
FB12	-9.1	14.0	-1.2	0.0 ± 0.0	0.7 ± 2.7	-14.5 ± 12.9	GA01493
FB13	-9.1	202.3	-1.1	0.0 ± 0.0	2.3 ± 3.3	-20.5 ± 10.5	GA01494
FC1	-9.1	124.8	-1.2	0.0 ± 0.0	1.2 ± 2.9	60.0 ± 27.9	GA01495
FC2	-9.1	-30.3	-1.0	0.0 ± 0.0	1.8 ± 3.1	4.1 ± 16.4	GA01496
FC3	-9.1	324.2	-1.0	0.0 ± 0.0	1.8 ± 3.1	34.8 ± 23.0	GA01497
FC4	12.3	169.1	-0.8	1.6 ± 2.2	1.2 ± 2.9	-3.2 ± 14.8	GA01498
FC5	-9.1	180.2	-0.6	0.0 ± 0.0	0.7 ± 2.7	41.0 ± 26.5	GA01499
QA	N/A	N/A	N/A	0.0 ± 0.0	-0.4 ± 2.2	-16.2 ± 8.5	GA01500
FC6	-9.1	135.9	-0.9	0.0 ± 0.0	1.8 ± 3.1	31.9 ± 19.7	GA01501
FC7	12.3	124.8	-0.9	0.0 ± 0.0	2.3 ± 3.3	-20.0 ± 11.6	GA01502
FC8	-9.1	146.9	-0.7	0.8 ± 1.5	0.1 ± 2.5	-13.2 ± 11.2	GA01503
FC9	-9.1	224.5	-0.9	0.0 ± 0.0	1.2 ± 2.9	-17.1 ± 12.3	GA01504
FC10	-9.1	58.3	-1.1	0.0 ± 0.0	0.1 ± 2.5	-12.0 ± 10.6	GA01505
FC11	-9.1	69.4	-1.9	0.0 ± 0.0	0.7 ± 2.7	51.0 ± 27.2	GA01506
FC12	-9.1	113.7	-1.6	0.0 ± 0.0	-1.5 ± 1.6	-5.3 ± 15.1	GA01507
FC13	33.6	69.4	-1.7	0.0 ± 0.0	-0.4 ± 2.2	-16.7 ± 11.5	GA01508
FC14	-9.1	135.9	-1.8	0.0 ± 0.0	-1.5 ± 1.6	-13.7 ± 11.1	GA01509
FC15	1.6	3.0	-1.8	0.0 ± 0.0	-1.0 ± 1.9	-1.4 ± 16.0	GA01510
FC16	-9.1	135.9	-1.8	0.0 ± 0.0	0.7 ± 2.7	7.3 ± 21.8	GA01511
FC17	-9.1	25.1	-1.9	0.0 ± 0.0	0.1 ± 2.5	214.3 ± 47.8	GA01512
WA1A	1.6	3.0	-0.9	0.0 ± 0.0	2.9 ± 3.4	-16.6 ± 8.5	GA01513
WA2A	1.6	113.7	-1.0	0.0 ± 0.0	-0.4 ± 2.2	-12.9 ± 8.6	GA01514
WA3A	1.6	180.2	-1.0	0.0 ± 0.0	-1.0 ± 1.9	-16.6 ± 8.5	GA01515
WA4A	-9.1	91.6	-1.1	0.0 ± 0.0	0.1 ± 2.5	-15.7 ± 8.5	GA01516
WA1B	12.3	-130.0	-1.0	0.0 ± 0.0	0.1 ± 2.5	-20.0 ± 8.6	GA01517
WA2B	-9.1	-52.4	-1.0	0.8 ± 1.5	-1.0 ± 1.9	-22.6 ± 7.9	GA01518
WA3B	-9.1	69.4	-1.1	0.8 ± 1.5	1.8 ± 3.1	-17.0 ± 8.4	GA01519
WA4B	12.3	169.1	-0.9	0.0 ± 0.0	1.2 ± 2.9	-12.3 ± 8.9	GA01520
WB1A	1.6	-85.7	-0.8	0.8 ± 1.5	-1.5 ± 1.6	-19.6 ± 8.2	GA01521
WB2A	-9.1	224.5	-0.9	0.8 ± 1.5	0.7 ± 2.7	-18.3 ± 8.1	GA01522
WB1B	-9.1	3.0	-1.1	0.0 ± 0.0	0.1 ± 2.5	-13.2 ± 8.8	GA01523
WB2B	-9.1	490.3	-1.0	0.0 ± 0.0	1.2 ± 2.9	-22.3 ± 8.6	GA01524
WC1A	-9.1	-8.1	-1.3	0.0 ± 0.0	0.7 ± 2.7	-20.9 ± 8.0	GA01525
WC1B	-9.1	36.2	-1.1	0.0 ± 0.0	0.7 ± 2.7	-15.7 ± 8.5	GA01526
WD1A	22.9	235.6	-1.4	0.0 ± 0.0	1.8 ± 3.1	-18.3 ± 8.3	GA01527
WD2A	1.6	69.4	-1.4	0.0 ± 0.0	1.8 ± 3.1	-16.3 ± 8.3	GA01528
WD1B	-9.1	36.2	-1.3	0.0 ± 0.0	-1.0 ± 1.9	-16.2 ± 8.5	GA01529
WD2B	12.3	14.0	-1.3	0.0 ± 0.0	1.2 ± 2.9	-15.7 ± 8.5	GA01530
WE1A	1.6	-52.4	-1.5	0.0 ± 0.0	1.2 ± 2.9	-16.1 ± 8.7	GA01531
WE2A	12.3	113.7	-1.5	0.4 ± 1.1	0.4 ± 2.1	-17.9 ± 8.3	GA01532
WE3A	-9.1	180.2	-1.3	-0.2 ± 0.1	-0.1 ± 1.9	-19.2 ± 8.4	GA01533
WE4A	1.6	113.7	-1.5	0.4 ± 1.1	-0.1 ± 1.9	-20.0 ± 8.3	GA01534
WE5A	12.3	-19.2	-1.6	-0.2 ± 0.1	1.6 ± 2.5	-16.3 ± 8.7	GA01535
WE6A	1.6	14.0	-1.8	0.4 ± 1.1	-0.5 ± 1.7	-15.8 ± 8.7	GA01536
WE1B	33.6	-152.1	-1.5	-0.2 ± 0.1	1.2 ± 2.4	-19.6 ± 8.4	GA01537
WE2B	-9.1	14.0	-1.6	-0.2 ± 0.1	0.4 ± 2.1	-18.0 ± 8.3	GA01538

Fort Meade, Building 2805 (Hallway)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.0	29.0	
(MDA =>)	54	401	-	2.1	2.4	60.1	
WE3B	12.3	36.2	-1.5	-0.2 ± 0.1	0.4 ± 2.1	-20.8 ± 8.2	GA01539
WE4B	-9.1	47.3	-1.5	-0.2 ± 0.1	2.0 ± 2.6	-18.8 ± 8.4	GA01540
WE5B	-9.1	-30.3	-1.5	1.6 ± 2.0	2.0 ± 2.6	-21.3 ± 8.2	GA01541
WE6B	1.6	-130.0	-1.7	1.0 ± 1.6	1.2 ± 2.4	-18.3 ± 8.5	GA01542
WF1A	33.6	124.8	-1.5	1.0 ± 1.6	0.8 ± 2.2	-19.2 ± 8.4	GA01543
WF2A	-9.1	191.3	-1.4	-0.2 ± 0.1	-1.3 ± 1.2	-19.6 ± 8.4	GA01544
WF1B	-9.1	47.3	-1.3	-0.2 ± 0.1	1.6 ± 2.5	-12.5 ± 9.0	GA01545
WF2B	-9.1	-8.1	-1.2	-0.2 ± 0.1	0.4 ± 2.1	-17.5 ± 8.6	GA01546
WG1A	1.6	58.3	-1.2	0.4 ± 1.1	1.2 ± 2.4	-17.9 ± 8.5	GA01547
WG2A	-9.1	-41.3	-1.2	-0.2 ± 0.1	1.6 ± 2.5	-17.5 ± 8.6	GA01548
WG1B	12.3	279.9	-1.1	-0.2 ± 0.1	0.4 ± 2.1	-13.3 ± 8.9	GA01549
QA	N/A	N/A	N/A	-0.2 ± 0.1	2.5 ± 2.8	-22.5 ± 8.1	GA01550
WG2B	1.6	-141.0	-1.5	-0.2 ± 0.1	-0.1 ± 1.9	-18.0 ± 8.3	GA01551
WH1A	1.6	213.4	-1.6	1.6 ± 2.0	1.2 ± 2.4	-13.5 ± 8.7	GA01552
WH2A	1.6	169.1	-1.6	0.4 ± 1.1	0.8 ± 2.2	-18.8 ± 8.2	GA01553
WH1B	-9.1	135.9	-1.5	-0.2 ± 0.1	-0.1 ± 1.9	-17.6 ± 8.4	GA01554
WH2B	1.6	257.7	-1.4	-0.2 ± 0.1	-0.5 ± 1.7	-20.4 ± 8.1	GA01555
WI1A	12.3	-130.0	-1.5	-0.2 ± 0.1	-0.5 ± 1.7	-18.0 ± 8.3	GA01556
WI2A	1.6	58.3	-1.7	0.4 ± 1.1	-0.9 ± 1.5	-18.8 ± 8.4	GA01557
WI3A	-9.1	335.3	-1.8	1.6 ± 2.0	0.4 ± 2.1	-18.0 ± 8.3	GA01558
WI4A	-9.1	235.6	-2.0	-0.2 ± 0.1	0.4 ± 2.1	-17.9 ± 8.5	GA01559
WI1B	-9.1	191.3	-1.8	-0.2 ± 0.1	0.8 ± 2.2	-15.9 ± 8.5	GA01560
WI2B	-9.1	180.2	-2.0	-0.2 ± 0.1	-1.3 ± 1.2	-13.1 ± 8.8	GA01561
WI3B	1.6	-52.4	-1.8	-0.2 ± 0.1	1.2 ± 2.4	-18.8 ± 8.2	GA01562
WI4B	-9.1	-8.1	-1.9	-0.2 ± 0.1	0.4 ± 2.1	-18.8 ± 8.2	GA01563
WJ1A	-9.1	-163.2	-2.1	-0.2 ± 0.1	0.4 ± 2.1	-16.3 ± 8.5	GA01564
WJ1B	12.3	102.6	-2.1	-0.2 ± 0.1	-0.1 ± 1.9	-20.4 ± 8.3	GA01565
WK1A	-9.1	1310.0	-2.1	-0.2 ± 0.1	1.2 ± 2.4	-16.7 ± 8.6	GA01566
WK2A	-9.1	-85.7	-1.8	-0.2 ± 0.1	1.6 ± 2.5	-14.6 ± 8.8	GA01567
WK3A	22.9	-19.2	-2.0	-0.2 ± 0.1	1.2 ± 2.4	-17.6 ± 8.4	GA01568
WK4A	1.6	-41.3	-2.0	0.3 ± 1.1	0.1 ± 1.9	-17.9 ± 8.5	GA01569
WK5A	-9.1	202.3	-1.8	-0.3 ± 0.2	0.1 ± 1.9	-19.1 ± 8.6	GA01570
WK6A	33.6	-118.9	-1.8	-0.3 ± 0.2	0.5 ± 2.1	-20.4 ± 8.1	GA01571
WK7A	1.6	169.1	-1.6	1.4 ± 2.0	0.5 ± 2.1	-20.4 ± 8.1	GA01572
WK8A	12.3	3.0	-1.9	-0.3 ± 0.2	0.5 ± 2.1	-13.9 ± 8.7	GA01573
WK9A	-9.1	-118.9	-1.8	-0.3 ± 0.2	-0.7 ± 1.5	-13.5 ± 8.7	GA01574
WK10A	-9.1	25.1	-1.9	-0.3 ± 0.2	0.5 ± 2.1	-17.9 ± 8.5	GA01575
WK11A	-9.1	146.9	-1.8	-0.3 ± 0.2	2.2 ± 2.6	-15.4 ± 8.8	GA01576
WK12A	1.6	-8.1	-1.7	-0.3 ± 0.2	2.2 ± 2.6	-16.7 ± 8.4	GA01577
WK13A	1.6	14.0	-1.6	0.9 ± 1.6	2.2 ± 2.6	-17.9 ± 8.5	GA01578
WK14A	1.6	124.8	-1.6	-0.3 ± 0.2	0.1 ± 1.9	-17.1 ± 8.6	GA01579
WK15A	-9.1	202.3	-1.5	0.3 ± 1.1	0.5 ± 2.1	-13.8 ± 8.9	GA01580
WK16A	-9.1	102.6	-1.2	0.3 ± 1.1	-0.7 ± 1.5	-17.9 ± 8.5	GA01581
WK17A	-9.1	-74.6	-1.2	-0.3 ± 0.2	0.5 ± 2.1	-15.8 ± 8.7	GA01582
WK1B	-9.1	-174.3	-1.6	-0.3 ± 0.2	1.8 ± 2.5	-10.8 ± 9.2	GA01583
WK2B	-9.1	-52.4	-1.6	0.3 ± 1.1	1.4 ± 2.4	-21.4 ± 9.7	GA01584
WK3B	-9.1	47.3	-1.7	-0.3 ± 0.2	0.9 ± 2.2	-16.7 ± 8.4	GA01585
WK4B	12.3	124.8	-1.7	-0.3 ± 0.2	1.4 ± 2.4	-19.6 ± 8.4	GA01586
WK5B	12.3	324.2	-1.5	0.3 ± 1.1	0.5 ± 2.1	-15.1 ± 8.6	GA01587
WK6B	-9.1	91.6	-1.5	0.9 ± 1.6	0.5 ± 2.1	-11.7 ± 9.1	GA01588

Fort Meade, Building 2805 (Hallway)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.0	29.0	
(MDA =>)	54	401	-	2.1	2.4	60.1	
WK7B	1.6	-141.0	-1.6	0.3 ± 1.1	0.9 ± 2.2	-22.4 ± 7.9	GA01589
WK8B	-9.1	180.2	-1.8	-0.3 ± 0.2	0.5 ± 2.1	-12.7 ± 8.8	GA01590
WK9B	22.9	-85.7	-1.7	-0.3 ± 0.2	0.1 ± 1.9	-20.4 ± 8.1	GA01591
WK10B	12.3	58.3	-1.6	0.3 ± 1.1	-0.3 ± 1.7	-15.1 ± 8.6	GA01592
WK11B	-9.1	113.7	-1.6	0.3 ± 1.1	0.1 ± 1.9	-15.9 ± 8.5	GA01593
WK12B	1.6	3.0	-1.6	-0.3 ± 0.2	2.2 ± 2.6	-16.7 ± 8.4	GA01594
WK13B	1.6	124.8	-1.3	0.9 ± 1.6	1.4 ± 2.4	-15.0 ± 8.8	GA01595
WK14B	-9.1	213.4	-1.1	-0.3 ± 0.2	0.1 ± 1.9	-14.3 ± 8.7	GA01596
WK15B	12.3	135.9	-1.0	-0.3 ± 0.2	0.1 ± 1.9	-21.7 ± 8.2	GA01597
WK16B	1.6	58.3	-1.3	-0.3 ± 0.2	0.5 ± 2.1	-18.3 ± 8.5	GA01598
WK17B	12.3	-185.4	-1.4	0.3 ± 1.1	1.8 ± 2.5	-14.3 ± 8.7	GA01599
QA	N/A	N/A	N/A	-0.3 ± 0.2	0.1 ± 1.9	-16.3 ± 8.7	GA01600
WL1A	-9.1	-130.0	-1.3	0.3 ± 1.1	-0.7 ± 1.5	-15.9 ± 8.5	GA01601
WL1B	1.6	36.2	-1.2	-0.3 ± 0.2	-1.2 ± 1.2	-22.9 ± 8.8	GA01602

GRAPHICAL ILLUSTRATION



BUILDING T-2805 ROOM 1, DENTAL RESEARCH CLINIC,
FORT GEORGE G. MEADE, MD

U.S. ARMY CENTER FOR HEALTH PROMOTION
AND PREVENTIVE MEDICINE
UNITED STATES ARMY MEDICAL DEPARTMENT

DATE:	9 SEPT 97
DRAWN:	JKD
APPROVED:	HE
SCALE:	NTS
PLATE:	N/A

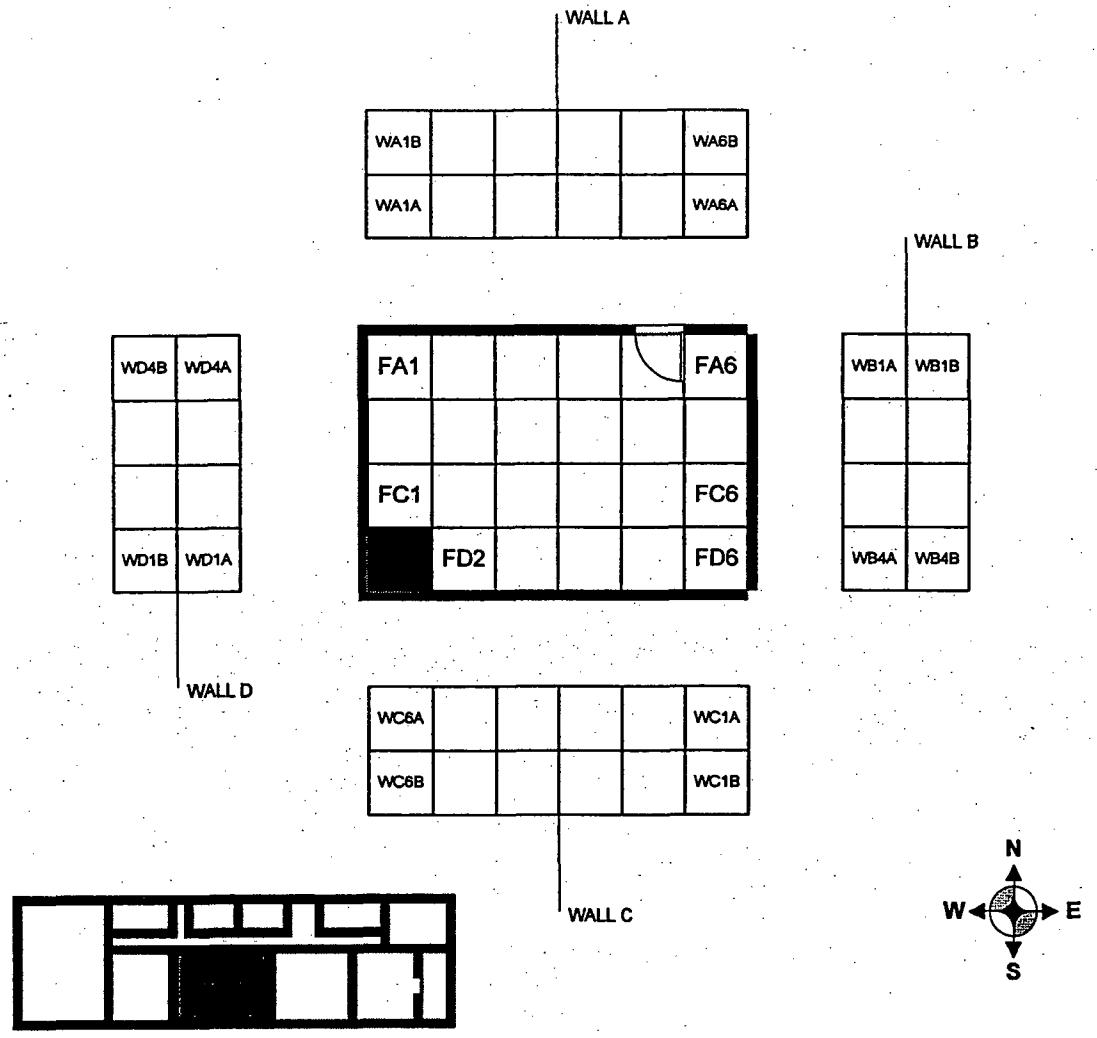
Fort Meade, Building 2805 (Room 1)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.3	25.3	
(MDA =>)	54	401	-	2.6	2.8	33.5	
FA1	-9.1	257.7	-0.9	0.0 ± 0.1	-0.5 ± 2.3	-10.6 ± 8.3	GA00942
FA2	-9.1	36.2	-0.9	0.0 ± 0.1	-1.3 ± 2.7	-15.3 ± 7.8	GA00943
FA3	-9.1	69.4	-0.8	0.0 ± 0.0	2.2 ± 3.3	-11.5 ± 8.2	GA00944
FA4	-9.1	113.7	-0.9	-0.5 ± 0.3	2.0 ± 3.7	-16.4 ± 8.1	GA00945
FA5	-9.1	58.3	-0.8	0.0 ± 0.1	1.8 ± 3.2	-8.7 ± 8.7	GA00946
FB1	-9.1	191.3	-0.6	0.0 ± 0.1	-0.7 ± 2.9	-15.9 ± 8.4	GA00947
FB2	1.6	291.0	-0.9	0.0 ± 0.0	1.7 ± 3.1	-12.6 ± 8.3	GA00948
FB3	-9.1	224.5	-0.9	-0.5 ± 0.3	-3.0 ± 1.7	-11.4 ± 8.9	GA00949
QA	N/A	N/A	N/A	0.0 ± 0.1	-0.5 ± 2.3	-11.8 ± 7.8	GA00950
FB4	-9.1	191.3	-0.8	0.0 ± 0.1	-1.9 ± 2.4	-8.7 ± 8.7	GA00951
FB5	-9.1	135.9	-0.4	0.0 ± 0.0	0.5 ± 2.6	-14.8 ± 8.1	GA00952
FC1	-9.1	390.6	-0.6	0.3 ± 1.6	-1.9 ± 2.3	-12.3 ± 8.8	GA00953
FC2	22.9	246.6	-0.6	0.0 ± 0.1	0.7 ± 2.8	-16.6 ± 9.1	GA00954
FC3	-9.1	246.6	-0.6	0.0 ± 0.1	-1.9 ± 2.4	-13.5 ± 8.9	GA00955
FC4	-9.1	69.4	-0.5	0.0 ± 0.0	0.5 ± 2.6	-14.4 ± 8.8	GA00956
FC5	-9.1	246.6	-0.6	-0.5 ± 0.3	-1.3 ± 2.5	-13.6 ± 8.6	GA00957
FD2	-9.1	146.9	-0.8	0.0 ± 0.1	-0.5 ± 2.3	-11.4 ± 8.9	GA00958
FD3	-9.1	235.6	-0.9	0.0 ± 0.1	-1.3 ± 2.7	-14.9 ± 8.7	GA00959
FD4	1.6	213.4	-0.7	0.0 ± 0.0	-0.1 ± 2.4	-17.6 ± 8.7	GA00960
FD5	1.6	224.5	-0.6	0.3 ± 1.6	-0.8 ± 2.8	-14.0 ± 8.8	GA00961
FE1	22.9	135.9	-0.8	0.7 ± 1.5	-0.5 ± 2.3	-21.6 ± 9.7	GA00962
FE2	-9.1	401.7	-0.7	0.7 ± 1.3	-1.9 ± 2.4	-18.6 ± 8.4	GA00963
FE3	-9.1	368.5	-0.7	0.9 ± 1.8	0.5 ± 2.6	-17.8 ± 10.4	GA00964
FE4	12.3	268.8	-0.7	-0.5 ± 0.3	-0.2 ± 3.0	-16.3 ± 8.6	GA00965
FE5	-9.1	36.2	-0.8	0.0 ± 0.1	0.1 ± 2.5	-12.3 ± 8.8	GA00966
FF1	1.6	224.5	-0.5	0.0 ± 0.1	-1.3 ± 2.7	-23.8 ± 14.5	GA00967
FF2	-9.1	401.7	-0.6	0.0 ± 0.0	0.5 ± 2.6	-21.2 ± 10.8	GA00968
FF3	1.6	302.0	-0.7	0.3 ± 1.6	0.4 ± 3.2	-14.8 ± 9.0	GA00969
FF4	-9.1	434.9	-0.6	0.0 ± 0.1	-1.6 ± 1.7	-18.1 ± 8.4	GA00970
FF5	1.6	213.4	-0.6	0.0 ± 0.1	-3.0 ± 1.8	-15.8 ± 8.6	GA00971
FG1	-9.1	291.0	-0.4	0.0 ± 0.0	2.2 ± 3.3	-31.1 ± 11.0	GA00972
FG2	-9.1	69.4	-0.3	-0.5 ± 0.3	-0.2 ± 3.0	-33.1 ± 12.6	GA00973
FG3	-9.1	313.1	-0.5	0.0 ± 0.1	2.4 ± 3.4	-23.3 ± 9.5	GA00974
FG4	-9.1	135.9	-0.5	0.0 ± 0.1	-1.3 ± 2.7	-22.8 ± 9.5	GA00975
FG5	-9.1	346.3	-0.6	0.0 ± 0.0	2.2 ± 3.3	-23.7 ± 9.4	GA00976
WA1A	-9.1	368.5	-0.8	0.3 ± 1.6	-1.3 ± 2.5	-22.6 ± 8.5	GA00977
WA2A	1.6	-96.7	-0.6	0.7 ± 1.5	-1.6 ± 1.7	-17.9 ± 8.8	GA00978
WA3A	12.3	80.5	-0.7	0.0 ± 0.1	-0.1 ± 3.1	-22.5 ± 8.3	GA00979
WA4A	1.6	113.7	-0.6	0.0 ± 0.0	-0.1 ± 2.4	-17.4 ± 9.0	GA00980
WA5A	1.6	235.6	-0.7	-0.5 ± 0.3	0.9 ± 3.4	-21.7 ± 8.6	GA00981
WA1B	12.3	25.1	-0.8	0.0 ± 0.1	1.3 ± 3.0	-8.6 ± 9.4	GA00982
WA2B	-9.1	58.3	-0.9	0.0 ± 0.1	-0.1 ± 3.1	-16.7 ± 8.9	GA00983
WA3B	1.6	102.6	-1.1	0.9 ± 1.8	1.7 ± 3.1	-20.4 ± 8.5	GA00984
WA4B	1.6	80.5	-1.1	-0.5 ± 0.3	0.9 ± 3.4	-23.8 ± 8.2	GA00985
WA5B	1.6	113.7	-1.0	0.0 ± 0.1	-1.6 ± 1.7	-22.0 ± 8.2	GA00986
WB1A	1.6	25.1	-1.0	0.0 ± 0.1	-1.3 ± 2.7	-22.1 ± 8.6	GA00987
WB2A	1.6	69.4	-1.0	0.0 ± 0.0	-1.9 ± 1.3	-16.3 ± 8.9	GA00988
WB3A	33.6	47.3	-0.9	0.3 ± 1.6	-0.8 ± 2.8	-20.4 ± 8.5	GA00989
WB4A	-9.1	135.9	-0.7	0.0 ± 0.1	-1.0 ± 2.0	-19.2 ± 8.6	GA00990
WB5A	12.3	235.6	-0.9	0.0 ± 0.1	-0.7 ± 2.9	-16.6 ± 9.1	GA00991

Fort Meade, Building 2805 (Room 1)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.3	25.3	
(MDA =>)	54	401	-	2.6	2.8	33.5	
WB6A	-9.1	36.2	-1.1	0.0 ± 0.0	-0.7 ± 2.1	-22.5 ± 8.3	GA00992
WB7A	12.3	-74.6	-1.0	0.3 ± 1.6	-2.4 ± 2.0	-20.0 ± 8.6	GA00993
WB1B	1.6	235.6	-1.1	0.0 ± 0.1	0.7 ± 2.8	-22.4 ± 8.1	GA00994
WB2B	1.6	3.0	-0.9	0.7 ± 1.3	-1.9 ± 2.4	-14.3 ± 8.9	GA00995
WB3B	1.6	80.5	-0.9	0.0 ± 0.0	-0.1 ± 2.4	-20.8 ± 8.3	GA00996
WB4B	-9.1	-74.6	-1.3	-0.5 ± 0.3	-1.9 ± 2.3	-14.2 ± 9.1	GA00997
WB5B	-9.1	-107.8	-1.2	0.0 ± 0.1	-1.6 ± 1.7	-17.5 ± 8.8	GA00998
WB6B	-9.1	-74.6	-1.0	0.0 ± 0.1	-0.7 ± 2.9	-24.4 ± 8.8	GA00999
QA	N/A	N/A	N/A	0.9 ± 1.8	1.7 ± 3.1	-13.3 ± 9.2	GA01000
WB7B	1.6	-74.6	-1.4	0.3 ± 1.6	-0.2 ± 3.0	-24.5 ± 9.1	GA01001
WC1A	-9.1	-85.7	-0.6	0.0 ± 0.1	-0.5 ± 2.3	-23.8 ± 8.2	GA01002
WC2A	-9.1	279.9	-0.6	0.0 ± 0.1	-0.7 ± 2.9	-20.8 ± 8.5	GA01003
WC3A	-9.1	36.2	-0.4	0.0 ± 0.0	0.5 ± 2.6	-23.2 ± 9.2	GA01004
WC4A	12.3	335.3	-0.4	-0.5 ± 0.3	-0.2 ± 3.0	-19.1 ± 9.3	GA01005
WC5A	1.6	169.1	-0.4	0.0 ± 0.1	-0.5 ± 2.3	-14.5 ± 9.3	GA01006
WC1B	-9.1	113.7	-0.5	0.0 ± 0.1	1.1 ± 3.5	-22.3 ± 9.6	GA01007
WC2B	-9.1	135.9	-0.5	0.0 ± 0.0	1.1 ± 2.9	-20.8 ± 8.5	GA01008
WC3B	-9.1	291.0	-0.3	-0.5 ± 0.3	-0.2 ± 3.0	-24.4 ± 9.9	GA01009
WC4B	1.6	180.2	-0.2	0.0 ± 0.1	0.1 ± 2.5	-22.6 ± 8.8	GA01010
WC5B	22.9	335.3	-0.1	0.0 ± 0.1	-0.7 ± 2.9	-20.4 ± 8.7	GA01011
WD1A	12.3	91.6	0.1	0.0 ± 0.0	0.5 ± 2.6	-18.4 ± 8.5	GA01012
WD2A	12.3	268.8	0.0	-0.5 ± 0.3	-1.3 ± 2.5	-16.5 ± 9.3	GA01013
WD3A	12.3	47.3	-0.5	0.0 ± 0.1	0.7 ± 2.8	-28.1 ± 8.0	GA01014
WD4A	1.6	146.9	-0.8	0.0 ± 0.1	-1.3 ± 2.7	-18.3 ± 8.9	GA01015
WD5A	-9.1	91.6	-0.8	0.0 ± 0.0	-0.7 ± 2.1	-20.0 ± 8.8	GA01016
WD6A	-9.1	313.1	-0.6	-0.5 ± 0.3	-3.0 ± 1.7	-22.9 ± 8.6	GA01017
WD7A	10.1	-152.1	-0.7	0.0 ± 0.1	-2.2 ± 1.2	-23.8 ± 8.7	GA01018
WD1B	-9.1	-41.3	-0.3	0.0 ± 0.1	-1.9 ± 2.4	-22.2 ± 9.1	GA01019
WD2B	-9.1	335.3	-0.2	0.9 ± 1.8	1.7 ± 3.1	-22.5 ± 8.6	GA01020
WD3B	-9.1	202.3	-0.1	-0.5 ± 0.3	1.5 ± 3.5	-22.2 ± 9.4	GA01021
WD4B	-9.1	-130.0	-0.2	0.0 ± 0.1	-2.7 ± 0.5	-21.7 ± 8.7	GA01022
WD5B	-9.1	36.2	-0.4	0.0 ± 0.1	-0.7 ± 2.9	-22.1 ± 8.7	GA01023
WD6B	-9.1	279.9	-0.5	0.0 ± 0.0	0.5 ± 2.6	-23.9 ± 10.3	GA01024
WD7B	1.6	14.0	-0.7	-0.5 ± 0.3	-0.8 ± 2.8	-19.2 ± 8.9	GA01025
RSINK1	12.3	25.1	-0.5	0.0 ± 0.1	2.4 ± 3.4	-20.0 ± 9.3	GA01026
RCNT2	-9.1	235.6	-0.8	0.0 ± 0.1	-2.4 ± 2.1	-21.8 ± 9.4	GA01027
RD3	-9.1	124.8	-0.8	0.9 ± 1.8	3.4 ± 3.7	-20.9 ± 9.5	GA01028
RD4	-9.1	80.5	-0.9	0.3 ± 1.6	-0.8 ± 2.8	-21.7 ± 9.2	GA01029
RCNT5	1.6	25.1	-1.0	0.0 ± 0.1	1.3 ± 3.0	-21.7 ± 8.9	GA01030
RD6	-9.1	213.4	-1.1	0.0 ± 0.0	0.1 ± 2.5	-22.2 ± 9.1	GA01031
RCNT7	-9.1	235.6	-1.0	0.0 ± 0.0	2.3 ± 3.3	-22.1 ± 8.9	GA01032
RD8	-9.1	36.2	-0.9	0.8 ± 1.5	37.3 ± 9.2	-22.6 ± 9.1	GA01033
RD9	-9.1	169.1	-1.2	0.0 ± 0.0	-1.5 ± 1.6	-23.0 ± 9.1	GA01034
RNCT10	-9.1	180.2	-1.1	0.0 ± 0.0	-1.0 ± 1.9	-24.3 ± 8.9	GA01035
RD11	-9.1	224.5	-1.1	0.8 ± 1.5	-0.4 ± 2.2	-20.4 ± 9.1	GA01036
RCNT12	12.3	180.2	-1.3	0.8 ± 1.5	2.9 ± 3.4	-19.6 ± 9.4	GA01037
RSINK13	-9.1	313.1	-1.2	1.6 ± 2.2	-1.0 ± 1.9	-26.7 ± 9.8	GA01038
RD14	12.3	124.8	-0.9	0.0 ± 0.0	0.1 ± 2.5	-25.5 ± 9.3	GA01039
RCNT15	1.6	291.0	-1.1	0.0 ± 0.0	0.1 ± 2.5	-24.0 ± 9.2	GA01040
RD16	-9.1	36.2	-1.1	0.0 ± 0.0	2.9 ± 3.4	-23.4 ± 8.8	GA01041

Fort Meade, Building 2805 (Room 1)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.3	25.3	
(MDA =>)	54	401	-	2.6	2.8	33.5	
RD17	12.3	279.9	-1.1	0.0 ± 0.0	3.4 ± 3.6	-23.0 ± 9.1	GA01042
RVENT18	1.6	390.6	-0.8	1.6 ± 2.2	4.5 ± 3.9	-45.2 ± 14.9	GA01043

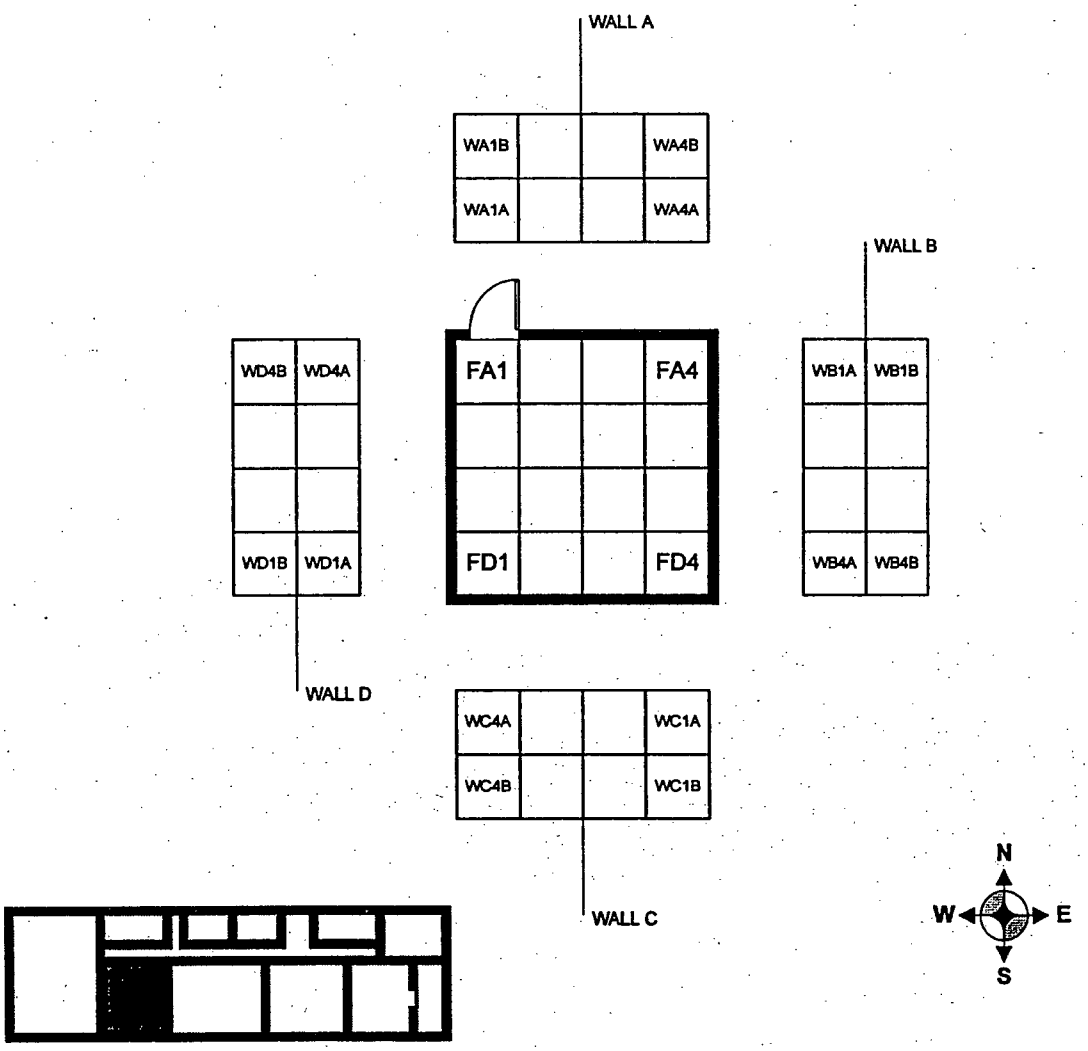
Fort Meade, Building 2805 (Room 3)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.2	2.2	24.3	
(MDA =>)	54	401	-	1.8	1.8	26.2	
FA1	1.6	58.3	1.3	-0.2 ± 0.1	-0.1 ± 1.9	-25.1 ± 9.9	GA01093
FA2	12.3	423.9	1.1	-0.2 ± 0.1	-0.5 ± 1.7	-15.1 ± 8.6	GA01094
FA3	-9.1	401.7	1.0	-0.2 ± 0.1	1.2 ± 2.4	-14.6 ± 8.3	GA01095
FA4	1.6	313.1	0.9	-0.2 ± 0.1	-0.5 ± 1.7	-15.8 ± 8.0	GA01096
FA5	-9.1	246.6	0.7	-0.2 ± 0.1	-0.1 ± 1.9	-20.3 ± 8.0	GA01097
FA6	-9.1	191.3	0.5	-0.2 ± 0.1	-0.1 ± 1.9	-18.9 ± 8.9	GA01098
FB1	-9.1	335.3	0.5	0.4 ± 1.1	0.4 ± 2.1	-16.9 ± 8.5	GA01099
QA	N/A	N/A	N/A	0.4 ± 1.1	-1.3 ± 1.2	-14.3 ± 7.7	GA01100
FB2	-9.1	268.8	0.5	1.0 ± 1.6	-0.1 ± 1.9	-18.1 ± 8.8	GA01101
FB3	-9.1	279.9	0.7	-0.2 ± 0.1	-0.5 ± 1.7	-18.5 ± 8.0	GA01102
FB4	1.6	36.2	0.8	-0.2 ± 0.1	1.6 ± 2.5	-17.1 ± 8.4	GA01103
FB5	1.6	335.3	0.7	-0.2 ± 0.1	4.1 ± 3.2	-16.1 ± 8.3	GA01104
FB6	1.6	357.4	0.9	-0.2 ± 0.1	1.2 ± 2.4	-17.4 ± 7.9	GA01105
FC1	-9.1	169.1	1.0	-0.2 ± 0.1	-0.1 ± 1.9	-11.3 ± 8.5	GA01106
FC2	-9.1	479.3	1.0	-0.2 ± 0.1	-0.5 ± 1.7	-21.0 ± 8.0	GA01107
FC3	-9.1	102.6	1.0	0.4 ± 1.1	0.8 ± 2.2	-16.6 ± 8.1	GA01108
FC4	33.6	146.9	1.0	-0.2 ± 0.1	-0.1 ± 1.9	-20.5 ± 8.3	GA01109
FC5	12.3	257.7	1.1	-0.2 ± 0.1	-0.5 ± 1.7	-19.0 ± 8.7	GA01110
FC6	-9.1	25.1	1.0	-0.2 ± 0.1	-0.9 ± 1.5	-15.0 ± 8.3	GA01111
FD2	1.6	235.6	1.2	-0.2 ± 0.1	-0.9 ± 1.5	-24.7 ± 8.5	GA01112
FD3	22.9	224.5	1.2	-0.2 ± 0.1	-0.9 ± 1.5	-15.5 ± 9.1	GA01113
FD4	1.6	457.1	1.1	0.4 ± 1.1	-0.9 ± 1.5	-16.9 ± 8.5	GA01114
FD5	-9.1	368.5	1.0	1.0 ± 1.6	-0.5 ± 1.7	-13.4 ± 9.7	GA01115
FD6	-9.1	302.0	1.0	-0.2 ± 0.1	-0.1 ± 1.9	-19.1 ± 7.8	GA01116
WA1A	33.6	58.3	0.6	-0.2 ± 0.1	0.8 ± 2.2	-18.4 ± 9.1	GA01117
WA2A	1.6	-30.3	0.5	1.0 ± 1.6	0.4 ± 2.1	-21.1 ± 8.4	GA01118
WA3A	1.6	169.1	0.8	-0.2 ± 0.1	0.4 ± 2.1	-10.1 ± 8.3	GA01119
WA4A	-9.1	25.1	0.6	5.0 ± 3.4	3.3 ± 3.0	-20.4 ± 8.1	GA01120
WA5A	1.6	91.6	0.5	-0.2 ± 0.1	2.0 ± 2.6	-13.7 ± 7.9	GA01121
WA6A	-9.1	3.0	0.6	-0.2 ± 0.1	-1.3 ± 1.2	-17.9 ± 7.5	GA01122
WA1B	-9.1	58.3	0.8	-0.2 ± 0.1	3.3 ± 3.0	-20.2 ± 8.1	GA01123
WA2B	1.6	146.9	0.7	-0.2 ± 0.1	-0.9 ± 1.5	-20.5 ± 8.4	GA01124
WA3B	1.6	357.4	0.8	-0.2 ± 0.1	-0.5 ± 1.7	-15.1 ± 7.9	GA01125
WA4B	-9.1	224.5	0.6	-0.2 ± 0.1	-0.9 ± 1.5	-12.2 ± 8.0	GA01126
WA5B	-9.1	36.2	0.4	-0.2 ± 0.1	1.6 ± 2.5	-16.5 ± 7.7	GA01127
WA6B	1.6	146.9	0.3	-0.2 ± 0.1	-0.5 ± 1.7	-17.9 ± 7.7	GA01128
WB1A	-9.1	213.4	0.1	-0.2 ± 0.1	0.8 ± 2.2	-18.2 ± 7.4	GA01129
WB2A	1.6	246.6	0.3	1.0 ± 1.6	0.4 ± 2.1	-15.0 ± 8.0	GA01130
WB3A	-9.1	291.0	0.6	-0.2 ± 0.1	-0.1 ± 1.9	-12.6 ± 8.1	GA01131
WB4A	-9.1	113.7	0.7	-0.2 ± 0.1	0.4 ± 2.1	-15.3 ± 7.9	GA01132
WB1B	-9.1	246.6	0.8	-0.2 ± 0.1	-0.5 ± 1.7	-14.4 ± 7.8	GA01133
WB2B	12.3	346.3	0.6	0.4 ± 1.1	0.8 ± 2.2	-9.3 ± 8.4	GA01134
WB3B	1.6	512.5	0.8	-0.2 ± 0.1	0.4 ± 2.1	-18.0 ± 7.6	GA01135
WB4B	12.3	47.3	1.0	-0.2 ± 0.1	-0.9 ± 1.5	-17.9 ± 7.6	GA01136
WC1A	1.6	446.0	1.1	-0.2 ± 0.1	-0.5 ± 1.7	-18.8 ± 7.8	GA01137
WC2A	1.6	379.6	1.2	1.0 ± 1.6	0.4 ± 2.1	-13.3 ± 8.4	GA01138
WC3A	-9.1	25.1	1.3	0.4 ± 1.1	2.5 ± 2.8	-13.4 ± 8.4	GA01139
WC4A	12.3	512.5	1.2	-0.2 ± 0.1	2.0 ± 2.6	-20.1 ± 7.6	GA01140
WC5A	12.3	135.9	1.4	-0.2 ± 0.1	-0.1 ± 1.9	-13.0 ± 8.5	GA01141
WC6A	1.6	91.6	1.4	1.0 ± 1.6	1.6 ± 2.5	-13.5 ± 8.5	GA01142

GRAPHICAL ILLUSTRATION



BUILDING T-2805 ROOM 3, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 11 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

GRAPHICAL ILLUSTRATION



BUILDING T-2805 ROOM 2, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 9 SEPT 97
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	DRAWN: JKD
	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

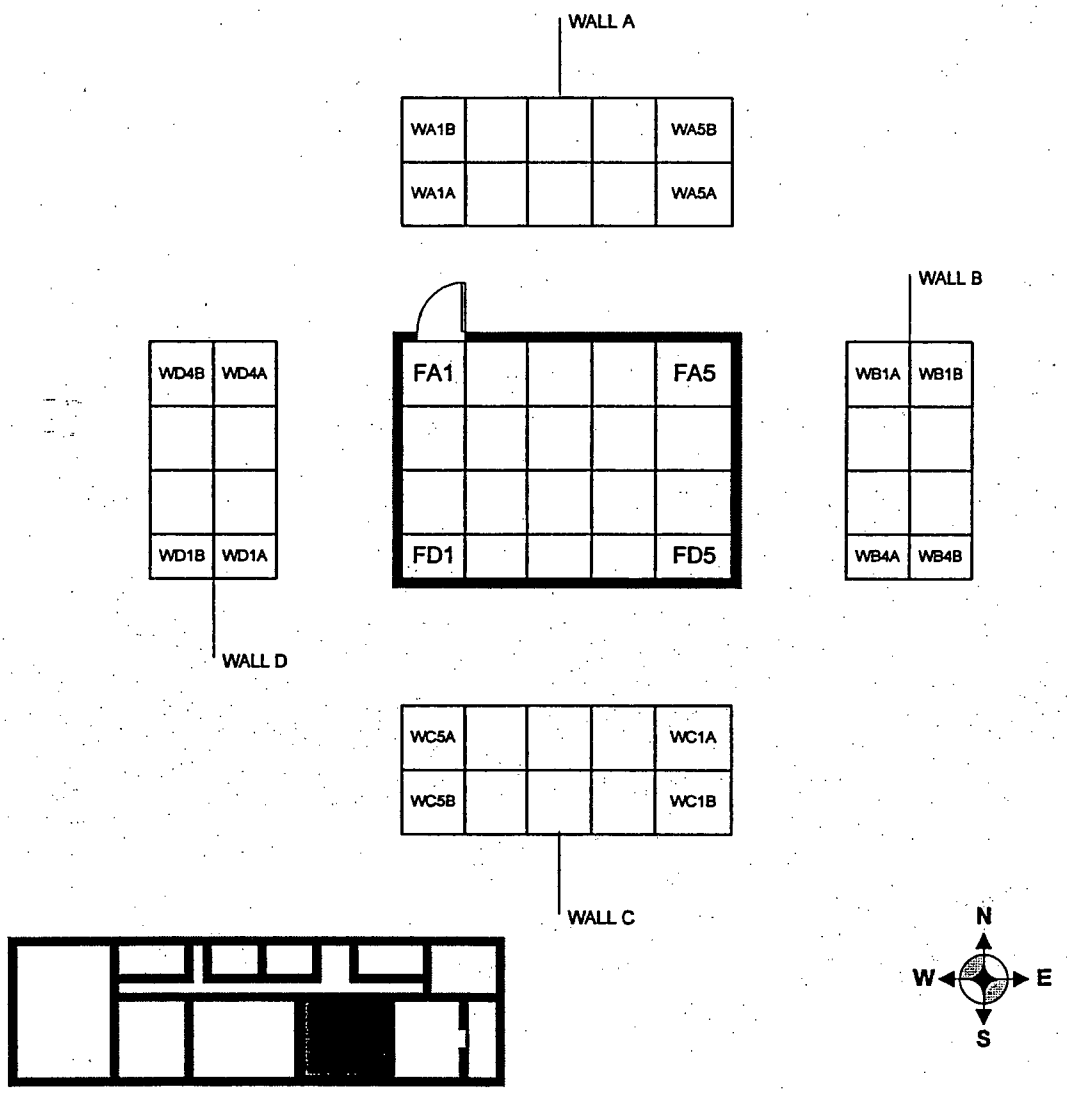
Fort Meade, Building 2805 (Room 2)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	1.7	27.1	
(MDA =>)	54	401	-	2.1	2.4	32.2	
FA1	1.6	124.8	-1.2	0.0 ± 0.0	0.1 ± 2.5	-17.4 ± 9.3	GA01044
FA2	1.6	545.7	-1.0	0.0 ± 0.0	-0.4 ± 2.2	-20.9 ± 9.0	GA01045
FA3	-9.1	357.4	-1.0	0.0 ± 0.0	1.8 ± 3.1	-24.7 ± 8.7	GA01046
FA4	1.6	302.0	-1.0	0.0 ± 0.0	-1.0 ± 1.9	-26.4 ± 8.5	GA01047
FB1	1.6	257.7	-0.9	0.0 ± 0.0	0.7 ± 2.7	-22.6 ± 8.9	GA01048
FB2	12.3	169.1	-0.9	0.0 ± 0.0	-0.4 ± 2.2	-22.6 ± 8.9	GA01049
QA	N/A	N/A	N/A	0.0 ± 0.0	-1.5 ± 1.6	-20.0 ± 8.9	GA01050
FB3	-9.1	390.6	-0.9	0.0 ± 0.0	0.7 ± 2.7	-26.0 ± 8.5	GA01051
FB4	1.6	246.6	-0.9	0.8 ± 1.5	1.2 ± 2.9	-22.1 ± 8.9	GA01052
FC1	-9.1	213.4	-1.0	0.8 ± 1.5	-1.0 ± 1.9	-26.0 ± 8.5	GA01053
FC2	1.6	36.2	-0.9	1.6 ± 2.2	1.8 ± 3.1	-20.9 ± 9.0	GA01054
FC3	22.9	335.3	-0.9	0.0 ± 0.0	-0.4 ± 2.2	-21.3 ± 9.0	GA01055
FC4	1.6	357.4	-0.8	0.0 ± 0.0	1.8 ± 3.1	-23.0 ± 9.1	GA01056
FD1	-9.1	36.2	-0.6	0.0 ± 0.0	0.7 ± 2.7	-22.6 ± 8.9	GA01057
FD2	-9.1	468.2	-0.6	1.6 ± 2.2	-1.5 ± 1.6	-18.3 ± 9.2	GA01058
FD3	-9.1	102.6	-0.7	0.0 ± 0.0	-0.4 ± 2.2	-23.3 ± 8.6	GA01059
FD4	33.6	146.9	-0.6	0.0 ± 0.0	0.1 ± 2.5	-21.3 ± 8.8	GA01060
WA1A	12.3	257.7	-0.7	0.0 ± 0.0	1.2 ± 2.9	-19.1 ± 9.2	GA01061
WA2A	-9.1	25.1	-0.8	0.0 ± 0.0	1.2 ± 2.9	-22.1 ± 8.1	GA01062
WA3A	1.6	235.6	-0.8	0.8 ± 1.5	1.8 ± 3.1	-19.6 ± 8.4	GA01063
WA4A	22.9	224.5	-0.9	0.0 ± 0.0	-0.4 ± 2.2	-21.3 ± 8.4	GA01064
WA1B	1.6	412.8	-0.8	0.0 ± 0.0	-1.0 ± 1.9	-21.4 ± 9.7	GA01065
WA2B	-9.1	335.3	-1.0	0.0 ± 0.0	0.1 ± 2.5	-18.3 ± 8.5	GA01066
WA3B	-9.1	313.1	-1.0	0.0 ± 0.0	-0.4 ± 2.2	-14.6 ± 8.8	GA01067
WA4B	33.6	58.3	-1.1	0.0 ± 0.0	-0.4 ± 2.2	-17.4 ± 8.8	GA01068
WB1A	1.6	-41.3	-0.9	0.0 ± 0.0	-2.0 ± 1.2	-17.9 ± 8.5	GA01069
WB2A	1.6	135.9	-0.9	0.0 ± 0.0	2.3 ± 3.3	-13.9 ± 8.7	GA01070
WB3A	-9.1	25.1	-0.9	0.8 ± 1.5	0.1 ± 2.5	-17.4 ± 8.8	GA01071
WB4A	1.6	91.6	-0.8	0.0 ± 0.0	0.7 ± 2.7	-18.8 ± 8.4	GA01072
WB1B	-9.1	3.0	-0.9	0.0 ± 0.0	-0.4 ± 2.2	-22.6 ± 8.3	GA01073
WB2B	-9.1	58.3	-0.9	0.0 ± 0.0	1.2 ± 2.9	-19.2 ± 8.4	GA01074
WB3B	1.6	146.9	-1.0	0.0 ± 0.0	0.7 ± 2.7	-20.4 ± 8.5	GA01075
WB4B	1.6	357.4	-1.0	0.0 ± 0.0	1.2 ± 2.9	-23.5 ± 8.4	GA01076
WC1A	-9.1	224.5	-1.2	2.1 ± 2.3	0.8 ± 2.2	-21.7 ± 8.6	GA01077
WC2A	-9.1	36.2	-1.3	-0.2 ± 0.1	-0.1 ± 1.9	-20.4 ± 8.3	GA01078
WC3A	1.6	146.9	-1.3	1.0 ± 1.6	0.4 ± 2.1	-20.0 ± 8.3	GA01079
WC4A	-9.1	213.4	-1.1	1.0 ± 1.6	2.9 ± 2.9	-15.4 ± 8.8	GA01080
WC1B	1.6	246.6	-1.0	0.4 ± 1.1	0.4 ± 2.1	-20.4 ± 8.5	GA01081
WC2B	-9.1	291.0	-1.2	0.4 ± 1.1	1.2 ± 2.4	-17.4 ± 9.0	GA01082
WC3B	-9.1	113.7	-1.3	0.4 ± 1.1	0.4 ± 2.1	-38.5 ± 14.4	GA01083
WC4B	-9.1	246.6	-1.1	-0.2 ± 0.1	-0.1 ± 1.9	-22.3 ± 12.0	GA01084
WD1A	12.3	346.3	-1.0	1.6 ± 2.0	0.8 ± 2.1	-15.3 ± 7.8	GA01085
WD2A	1.6	512.5	-1.0	2.1 ± 2.3	2.0 ± 2.6	-14.6 ± 8.1	GA01086
WD3A	12.3	47.3	-0.9	-0.2 ± 0.1	-0.5 ± 1.7	-15.8 ± 7.7	GA01087
WD4A	1.6	446.0	-1.1	0.4 ± 1.1	-0.1 ± 1.9	-12.9 ± 8.1	GA01088
WD1B	1.6	379.6	-0.9	-0.2 ± 0.1	0.8 ± 2.2	-13.5 ± 7.7	GA01089
WD2B	-9.1	25.1	-1.1	1.6 ± 2.0	-0.1 ± 1.9	-16.9 ± 7.8	GA01090
WD3B	12.3	512.5	-1.0	0.4 ± 1.1	1.6 ± 2.5	-15.2 ± 7.8	GA01091
WDB4B	12.3	135.9	-1.1	0.4 ± 1.1	1.2 ± 2.4	-11.7 ± 8.2	GA01092

Fort Meade, Building 2805 (Room 4)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	1.8	26.3	
(MDA =>)	54	401	-	2.6	2.8	29.2	
WD2A	-9.1	357.4	0.1	0.0 ± 0.1	-0.5 ± 2.3	-11.7 ± 8.3	GA01219
WD3A	-9.1	158.0	-0.1	0.0 ± 0.1	-3.0 ± 1.8	-14.5 ± 8.0	GA01220
WD4A	1.6	80.5	-0.1	0.0 ± 0.0	-1.3 ± 1.7	-12.9 ± 7.9	GA01221
WD1B	1.6	390.6	0.0	-0.5 ± 0.3	-0.8 ± 2.8	-18.0 ± 7.9	GA01222
WD2B	-9.1	191.3	0.1	0.0 ± 0.1	-0.5 ± 2.3	-16.6 ± 7.7	GA01223
WD3B	-9.1	291.0	0.1	0.0 ± 0.1	-0.1 ± 3.1	-13.1 ± 8.2	GA01224
WD4B	-9.1	-96.7	0.0	0.0 ± 0.0	1.1 ± 2.9	-17.2 ± 8.0	GA01225
RD1	-9.1	434.9	0.5	0.3 ± 1.6	-1.9 ± 2.3	-18.7 ± 8.0	GA01226
RD2	1.6	158.0	0.5	0.0 ± 0.1	-1.0 ± 2.0	-19.6 ± 9.2	GA01227
RCNT3	-9.1	158.0	0.0	0.0 ± 0.1	-0.7 ± 2.9	-22.4 ± 8.3	GA01228
RD4	1.6	446.0	0.1	0.0 ± 0.0	-0.1 ± 2.4	-16.6 ± 8.8	GA01229
RD5	-9.1	257.7	0.0	1.1 ± 2.2	-0.8 ± 2.8	-17.5 ± 8.9	GA01230
RD6	-9.1	180.2	-0.3	0.0 ± 0.1	0.7 ± 2.8	-24.8 ± 8.4	GA01231
RCNT7	1.6	235.6	-0.3	0.0 ± 0.1	-1.3 ± 2.7	-18.6 ± 8.4	GA01232
RD8	1.6	180.2	-0.3	0.0 ± 0.0	2.2 ± 3.3	-16.0 ± 8.7	GA01233
RSNK9	-9.1	169.1	-0.4	1.1 ± 2.2	0.4 ± 3.2	-16.7 ± 8.2	GA01234
RD10	1.6	291.0	-0.4	0.0 ± 0.1	0.1 ± 2.5	-15.9 ± 10.1	GA01235
RD11	-9.1	302.0	-0.3	0.7 ± 1.3	3.5 ± 4.2	-22.1 ± 9.4	GA01236
RCNT12	-9.1	246.6	-0.2	0.0 ± 0.0	-1.3 ± 1.7	-22.7 ± 9.1	GA01237
RD13	-9.1	324.2	-0.1	-0.5 ± 0.3	0.4 ± 3.2	-15.2 ± 8.7	GA01238
RD14	-9.1	202.3	0.6	0.0 ± 0.1	1.8 ± 3.2	-18.1 ± 8.0	GA01239
RCNT15	-9.1	146.9	1.0	0.0 ± 0.1	-0.1 ± 3.1	-14.5 ± 8.9	GA01240
QA	N/A	N/A	N/A	0.0 ± 0.0	20.6 ± 7.3	-16.8 ± 8.2	GA01241

Fort Meade, Building 2805 (Room 4)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	1.8	26.3	
(MDA =>)	54	401	-	2.6	2.8	29.2	
FA1	-9.1	246.6	1.0	0.4 ± 1.1	-1.3 ± 1.2	-17.6 ± 8.8	GA01169
FA2	1.6	180.2	0.3	-0.2 ± 0.1	1.6 ± 2.5	-17.9 ± 8.3	GA01170
FA3	-9.1	313.1	0.1	-0.2 ± 0.1	0.8 ± 2.2	-19.8 ± 8.1	GA01171
FA4	5.0	135.9	0.0	0.0 ± 0.1	-0.7 ± 2.9	-15.8 ± 8.2	GA01172
FA5	-9.1	80.5	-0.1	0.0 ± 0.0	-1.3 ± 1.7	-14.4 ± 8.0	GA01173
FB1	-9.1	202.3	-0.2	0.3 ± 1.6	-1.9 ± 2.3	-17.1 ± 7.6	GA01174
FB2	33.6	180.2	-0.2	0.0 ± 0.1	3.0 ± 3.6	-12.5 ± 8.3	GA01175
FB3	1.6	257.7	-0.2	0.0 ± 0.1	-1.3 ± 2.7	-14.7 ± 7.9	GA01176
FB4	-9.1	268.8	-0.1	0.0 ± 0.0	1.7 ± 3.1	-16.7 ± 8.2	GA01177
FB5	-9.1	102.6	0.1	-0.5 ± 0.3	0.9 ± 3.4	-13.6 ± 8.7	GA01178
FC1	1.6	146.9	0.3	0.0 ± 0.1	1.3 ± 3.0	-18.0 ± 7.6	GA01179
FC2	10.1	69.4	0.3	0.0 ± 0.1	-0.7 ± 2.9	-12.5 ± 8.3	GA01180
FC3	-9.1	158.0	0.3	0.0 ± 0.0	2.8 ± 3.5	-15.9 ± 7.8	GA01181
FC4	-9.1	224.5	0.1	0.3 ± 1.6	0.4 ± 3.2	-14.9 ± 8.0	GA01182
FC5	12.3	69.4	0.2	0.0 ± 0.1	-0.5 ± 2.3	-18.4 ± 7.9	GA01183
FD1	-9.1	335.3	0.2	0.0 ± 0.1	-0.1 ± 3.1	-18.2 ± 8.8	GA01184
FD2	1.6	80.5	0.1	0.0 ± 0.0	0.5 ± 2.6	-12.3 ± 8.5	GA01185
FD3	-9.1	69.4	0.0	0.3 ± 1.6	-2.4 ± 2.0	-17.9 ± 8.1	GA01186
FD4	1.6	135.9	0.1	0.7 ± 1.5	-1.0 ± 2.0	-8.6 ± 8.7	GA01187
FD5	-9.1	69.4	0.0	0.0 ± 0.1	0.5 ± 3.3	-15.1 ± 8.5	GA01188
WA1A	-9.1	146.9	-0.3	0.0 ± 0.0	2.2 ± 3.3	-15.1 ± 7.8	GA01189
WA2A	1.6	80.5	-0.2	-0.5 ± 0.3	-1.9 ± 2.3	-14.9 ± 7.7	GA01190
WA3A	1.6	-118.9	0.3	0.0 ± 0.1	0.1 ± 2.5	-18.2 ± 9.5	GA01191
WA4A	1.6	-262.9	0.2	0.0 ± 0.1	-3.0 ± 1.8	-14.7 ± 8.1	GA01192
WA5A	-9.1	-163.2	0.1	0.0 ± 0.0	0.5 ± 2.6	-20.5 ± 7.6	GA01193
WA1B	-9.1	47.3	-0.1	-0.5 ± 0.3	2.6 ± 3.9	-15.0 ± 7.6	GA01194
WA2B	-9.1	80.5	-0.2	0.0 ± 0.1	0.7 ± 2.8	-14.4 ± 7.6	GA01195
WA3B	1.6	-130.0	-0.2	0.0 ± 0.1	1.7 ± 3.7	-14.2 ± 7.8	GA01196
WA4B	-9.1	291.0	-0.3	0.0 ± 0.0	1.7 ± 3.1	-12.1 ± 8.0	GA01197
WA5B	-9.1	80.5	-0.4	0.3 ± 1.6	-1.3 ± 2.5	-16.5 ± 8.9	GA01198
WB1A	1.6	-141.0	-0.1	0.7 ± 1.5	3.0 ± 3.6	-16.1 ± 7.6	GA01199
QA	N/A	N/A	N/A	0.0 ± 0.1	-1.9 ± 2.4	-12.6 ± 7.8	GA01200
WB2A	12.3	-174.3	-0.2	0.0 ± 0.0	0.5 ± 2.6	-17.5 ± 8.7	GA01201
WB3A	-9.1	-229.7	-0.2	0.3 ± 1.6	-0.2 ± 3.0	-17.0 ± 8.3	GA01202
WB4A	-9.1	-52.4	-0.2	0.0 ± 0.1	1.3 ± 3.0	-14.7 ± 8.0	GA01203
WB1B	12.3	169.1	-0.2	0.0 ± 0.1	2.3 ± 3.9	-15.6 ± 7.5	GA01204
WB2B	12.3	590.0	-0.3	0.9 ± 1.8	2.8 ± 3.5	-16.6 ± 7.5	GA01205
WB3B	-9.1	202.3	-0.3	1.1 ± 2.2	2.0 ± 3.7	-14.6 ± 8.8	GA01206
WB4B	-9.1	58.3	-0.3	0.7 ± 1.5	0.1 ± 2.5	-15.8 ± 7.7	GA01207
WC1A	5.0	124.8	-0.2	0.0 ± 0.1	2.9 ± 4.1	-17.8 ± 8.2	GA01208
WC2A	-9.1	146.9	0.0	0.9 ± 1.8	-1.3 ± 1.7	-19.4 ± 8.9	GA01209
WC3A	-9.1	80.5	0.1	-0.5 ± 0.3	-0.2 ± 3.0	-19.3 ± 7.1	GA01210
WC4A	1.6	91.6	0.1	0.0 ± 0.1	-2.2 ± 1.2	-23.3 ± 9.3	GA01211
WC5A	15.1	-141.0	0.3	0.0 ± 0.1	0.5 ± 3.3	-17.4 ± 7.6	GA01212
WC1B	1.6	335.3	-0.1	0.0 ± 0.0	-2.5 ± 0.5	-16.6 ± 7.5	GA01213
WC2B	-9.1	69.4	0.2	-0.5 ± 0.3	-0.2 ± 3.0	-16.5 ± 7.9	GA01214
WC3B	-9.1	291.0	0.1	0.7 ± 1.5	0.7 ± 2.8	-32.7 ± 13.2	GA01215
WC4B	12.3	390.6	0.3	0.0 ± 0.1	1.1 ± 3.5	-9.9 ± 8.3	GA01216
WC5B	1.6	390.6	0.5	0.0 ± 0.0	-0.1 ± 2.4	-14.7 ± 8.0	GA01217
WD1A	-9.1	169.1	-0.1	-0.5 ± 0.3	-1.3 ± 2.5	-16.3 ± 8.0	GA01218

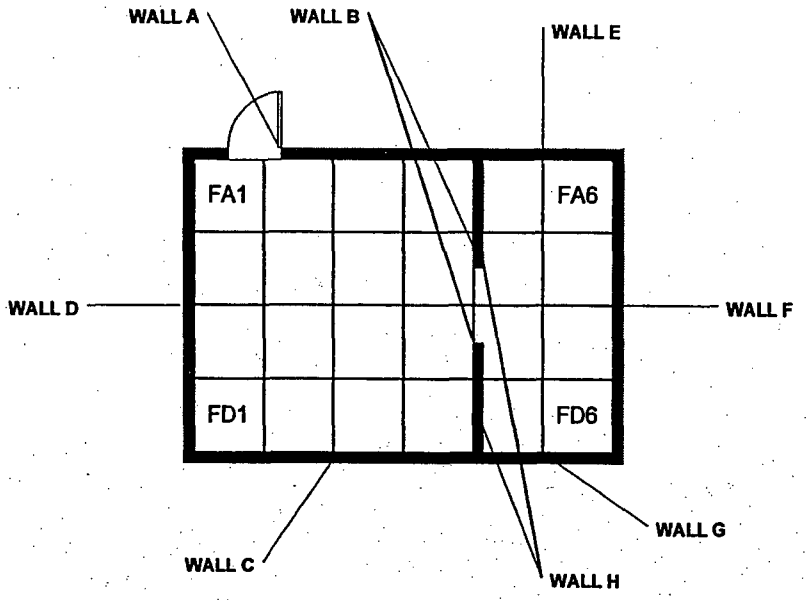
Fort Meade, Building 2805 (Room 3)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.2	2.2	24.3	
(MDA =>)	54	401	-	1.8	1.8	26.2	
WC1B	1.6	246.6	1.3	-0.2 ± 0.1	1.2 ± 2.4	-25.3 ± 11.5	GA01143
WC2B	-9.1	346.3	1.3	0.4 ± 1.1	-0.1 ± 1.9	-15.4 ± 8.1	GA01144
WC3B	22.9	257.7	1.3	-0.2 ± 0.1	-0.1 ± 1.9	-31.5 ± 11.7	GA01145
WC4B	12.3	689.7	1.2	0.4 ± 1.1	-0.9 ± 1.5	-17.8 ± 9.8	GA01146
WC5B	12.3	324.2	1.1	-0.2 ± 0.1	1.2 ± 2.4	-15.5 ± 7.8	GA01147
WC6B	-9.1	412.8	1.0	0.4 ± 1.1	-0.5 ± 1.7	-12.6 ± 7.0	GA01148
WD1A	33.6	14.0	0.9	1.6 ± 2.0	-0.1 ± 1.9	-15.9 ± 9.0	GA01149
QA	N/A	N/A	N/A	0.4 ± 1.1	0.4 ± 2.1	-13.0 ± 7.9	GA01150
WD2A	-9.1	25.1	0.9	-0.2 ± 0.1	-0.1 ± 1.9	-16.2 ± 8.8	GA01151
WD3A	-9.1	3.0	1.0	-0.2 ± 0.1	2.0 ± 2.6	-13.3 ± 8.8	GA01152
WD4A	-9.1	124.8	0.7	-0.2 ± 0.1	-0.5 ± 1.7	-14.7 ± 9.0	GA01153
WD1B	1.6	191.3	0.8	-0.2 ± 0.1	0.8 ± 2.2	-20.2 ± 8.5	GA01154
WD2B	-9.1	135.9	0.7	0.4 ± 1.1	-0.1 ± 1.9	-12.7 ± 8.1	GA01155
WD3B	1.6	368.5	0.8	-0.2 ± 0.1	-0.9 ± 1.5	-12.9 ± 8.1	GA01156
WD4B	1.6	368.5	0.8	-0.2 ± 0.1	2.0 ± 2.6	-14.0 ± 8.1	GA01157
RD1	-9.1	268.8	0.6	-0.2 ± 0.1	1.2 ± 2.4	-12.0 ± 9.3	GA01158
RD2	-9.1	412.8	0.5	-0.2 ± 0.1	0.8 ± 2.2	-14.2 ± 9.4	GA01159
RD3	1.6	313.1	0.6	-0.2 ± 0.1	1.2 ± 2.4	-18.1 ± 8.4	GA01160
RCNT4	-9.1	357.4	0.6	1.0 ± 1.6	-0.5 ± 1.7	-14.7 ± 8.2	GA01161
PIPE	-9.1	379.6	0.8	0.4 ± 1.1	0.4 ± 2.1	-23.1 ± 10.3	GA01162
RCNT6	-9.1	390.6	1.0	-0.2 ± 0.1	0.4 ± 2.1	-18.4 ± 8.5	GA01163
RCNT7	1.6	158.0	1.2	-0.2 ± 0.1	-0.5 ± 1.7	-19.8 ± 8.4	GA01164
RD8	-9.1	313.1	0.9	-0.2 ± 0.1	1.6 ± 2.5	-24.3 ± 8.0	GA01165
RD9	-9.1	124.8	0.6	-0.2 ± 0.1	-0.5 ± 1.7	16.8 ± 11.9	GA01166
RSNK10	-9.1	257.7	0.3	-0.2 ± 0.1	0.4 ± 2.1	-15.0 ± 8.4	GA01167
RD11	-9.1	279.9	0.2	0.4 ± 1.1	1.2 ± 2.4	-23.7 ± 9.9	GA01168

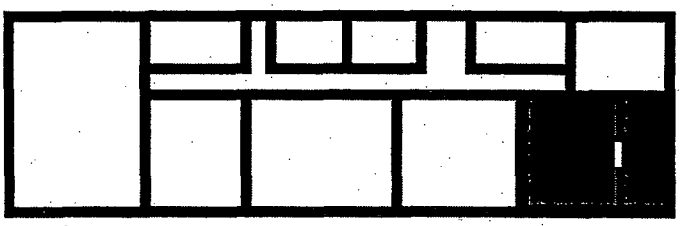
GRAPHICAL ILLUSTRATION

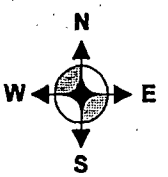


BUILDING T-2805 ROOM 4, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 9 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

GRAPHICAL ILLUSTRATION

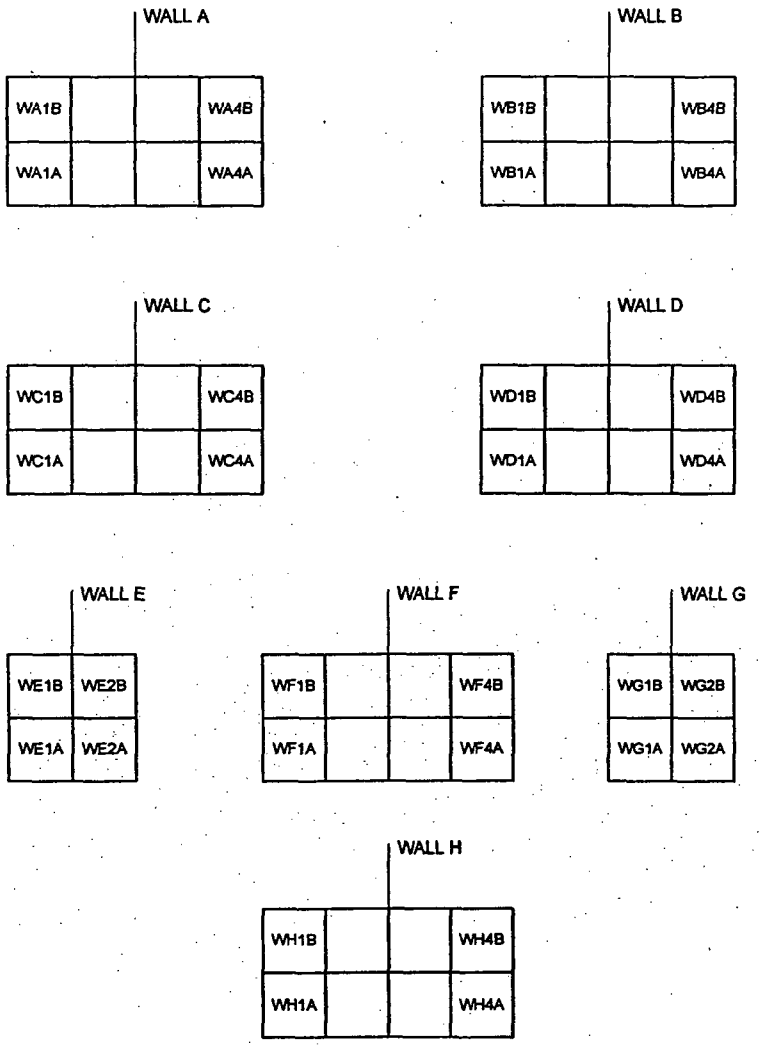






BUILDING T-2805 ROOM 5 FLOORS, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 10 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

GRAPHICAL ILLUSTRATION



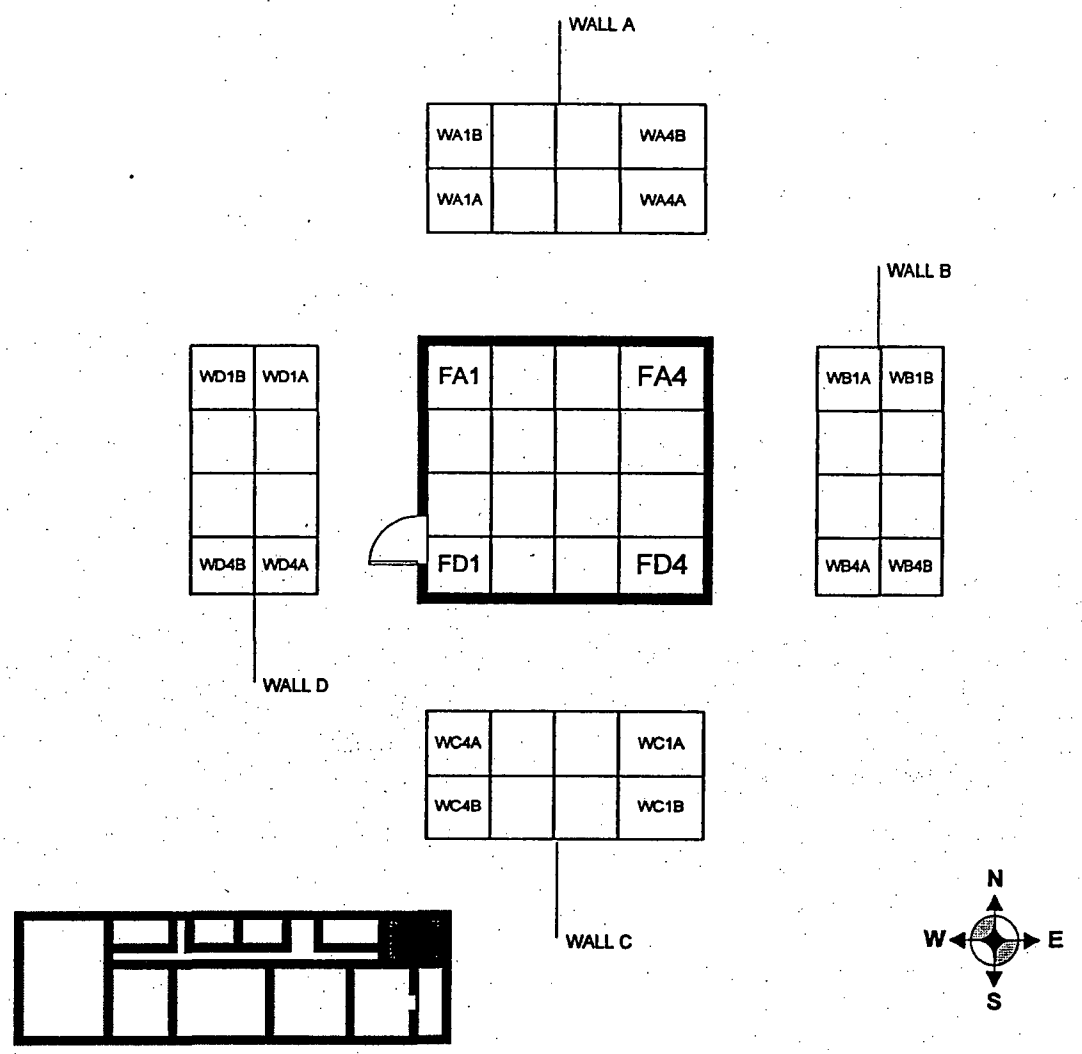
BUILDING T-2805 ROOM 5 WALLS, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 11 SEPT 97
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	DRAWN: JKD APPROVED: HE SCALE: NTS PLATE: N/A

Fort Meade, Building 2805 (Room 5)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.4	20.4	
(MDA =>)	54	401	-	2.6	2.8	24.6	
WD2A	-9.1	224.5	-1.8	1.3 ± 1.9	-1.9 ± 2.4	-20.4 ± 8.2	GA01292
WD3A	1.6	124.8	-1.9	0.0 ± 0.0	0.5 ± 2.6	-20.2 ± 8.0	GA01293
WD4A	-9.1	102.6	-1.8	-0.5 ± 0.3	-0.2 ± 3.0	-19.0 ± 8.1	GA01294
WD1B	-9.1	-307.2	-1.8	0.7 ± 1.5	0.1 ± 2.5	-19.5 ± 9.4	GA01295
WD2B	12.3	69.4	-1.6	0.7 ± 1.3	-0.1 ± 3.1	-18.4 ± 8.5	GA01296
WD3B	-9.1	224.5	-1.7	0.0 ± 0.0	-1.3 ± 1.7	-17.4 ± 8.6	GA01297
WD4B	12.3	-19.2	-1.8	-0.5 ± 0.3	0.4 ± 3.2	-21.3 ± 7.8	GA01298
WE1A	12.3	135.9	-1.8	0.0 ± 0.1	-1.0 ± 2.0	-18.0 ± 8.3	GA01299
QA	N/A	N/A	N/A	0.0 ± 0.1	-1.3 ± 2.7	-17.3 ± 8.3	GA01300
WE2A	22.9	135.9	-2.0	0.0 ± 0.0	-1.3 ± 1.7	-20.8 ± 8.5	GA01301
WE1B	1.6	-30.3	-1.9	-0.5 ± 0.3	0.4 ± 3.2	-16.2 ± 8.9	GA01302
WE2B	1.6	102.6	-2.0	0.0 ± 0.1	-1.0 ± 2.0	-20.4 ± 9.1	GA01303
WF1A	-9.1	-85.7	-2.1	0.0 ± 0.1	1.7 ± 3.7	-17.5 ± 8.5	GA01304
WF2A	-9.1	47.3	-2.1	0.0 ± 0.0	-0.1 ± 2.4	-22.1 ± 8.2	GA01305
WF3A	-9.1	47.3	-1.9	-0.5 ± 0.3	-1.9 ± 2.3	-22.0 ± 8.0	GA01306
WF4A	12.3	-41.3	-2.0	0.0 ± 0.1	0.1 ± 2.5	-18.4 ± 9.1	GA01307
WF1B	1.6	91.6	-2.2	0.7 ± 1.3	2.9 ± 4.1	-10.0 ± 6.8	GA01308
WF2B	12.3	202.3	-2.1	0.0 ± 0.0	0.5 ± 2.6	-10.4 ± 7.0	GA01309
WF3B	-9.1	-152.1	-1.9	0.3 ± 1.6	3.7 ± 4.2	-7.1 ± 7.4	GA01310
WF4B	1.6	-30.3	-1.9	0.0 ± 0.1	-0.5 ± 2.3	-10.0 ± 6.8	GA01311
WG1A	-9.1	-229.7	-2.0	0.0 ± 0.1	-3.0 ± 1.8	-7.9 ± 7.2	GA01312
WG2A	12.3	-85.7	-2.0	0.9 ± 1.8	-0.7 ± 2.1	-10.3 ± 6.9	GA01313
WG1B	1.6	47.3	-2.2	-0.5 ± 0.3	-0.2 ± 3.0	-3.3 ± 7.5	GA01314
WG2B	-9.1	113.7	-2.4	0.0 ± 0.1	0.7 ± 2.8	-7.9 ± 7.2	GA01315
WH1A	1.6	158.0	-2.2	0.0 ± 0.1	-0.7 ± 2.9	-9.7 ± 6.8	GA01316
WH2A	-9.1	213.4	-2.2	0.0 ± 0.0	3.4 ± 3.7	-4.1 ± 7.4	GA01317
WH3A	-9.1	80.5	-2.1	-0.5 ± 0.3	-0.2 ± 3.0	-7.0 ± 7.2	GA01318
WH4A	1.6	113.7	-2.2	0.7 ± 1.5	0.1 ± 2.5	-12.9 ± 6.6	GA01319
WH1B	1.6	-74.6	-2.2	0.7 ± 1.3	-0.7 ± 2.9	-10.5 ± 7.0	GA01320
WH2B	1.6	14.0	-2.3	0.9 ± 1.8	-0.1 ± 2.4	-5.0 ± 7.2	GA01321
WH3B	1.6	36.2	-2.0	-0.5 ± 0.3	-0.8 ± 2.8	-9.6 ± 6.9	GA01322
WH4B	1.6	-141.0	-2.2	0.0 ± 0.1	1.3 ± 3.0	-10.5 ± 7.1	GA01323
RSNK1	12.3	58.3	-2.1	0.7 ± 1.3	-0.1 ± 3.1	-6.1 ± 7.6	GA01324
RD2	-9.1	36.2	-2.3	0.0 ± 0.0	2.2 ± 3.3	-11.0 ± 7.0	GA01325
RVNT3	-9.1	224.5	-2.1	-0.5 ± 0.3	-0.2 ± 3.0	-20.1 ± 10.2	GA01326
RSNK4	-9.1	69.4	-2.1	0.0 ± 0.1	0.1 ± 2.5	-6.8 ± 7.5	GA01327
RD5	-9.1	213.4	-2.1	0.0 ± 0.1	-2.4 ± 2.1	-15.3 ± 8.1	GA01328
RD6	-9.1	180.2	-1.9	0.0 ± 0.0	-0.7 ± 2.1	-2.8 ± 7.9	GA01329
RD7	-9.1	124.8	-2.0	0.3 ± 1.6	-1.9 ± 2.3	-8.0 ± 8.1	GA01330
RD8	-9.1	357.4	-2.0	0.0 ± 0.1	0.7 ± 2.8	-8.7 ± 7.1	GA01331
RD9	-9.1	246.6	-1.9	0.0 ± 0.1	0.5 ± 3.3	-10.7 ± 7.1	GA01332
RD10	1.6	224.5	-2.1	0.0 ± 0.0	2.8 ± 3.5	-9.9 ± 8.6	GA01333
RCNT11	-9.1	146.9	-2.1	-0.5 ± 0.3	0.4 ± 3.2	-8.2 ± 7.4	GA01334
RD12	1.6	324.2	-2.0	0.0 ± 0.1	-1.0 ± 2.0	-10.7 ± 7.6	GA01335
RD13	-9.1	357.4	-1.8	0.0 ± 0.1	-2.4 ± 2.1	-13.6 ± 9.2	GA01336
RD14	-9.1	169.1	-1.9	0.0 ± 0.0	2.8 ± 3.5	-15.2 ± 8.3	GA01337
RVNT15	1.6	191.3	-2.0	1.1 ± 2.2	-0.2 ± 3.0	-14.0 ± 10.1	GA01338
RVNT16	12.3	3.0	-2.1	0.0 ± 0.1	1.8 ± 3.2	-19.6 ± 11.5	GA01339

Fort Meade, Building 2805 (Room 5)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.4	20.4	
(MDA =>)	54	401	-	2.6	2.8	24.6	
FA1	-9.1	202.3	-1.9	1.1 ± 2.2	-0.8 ± 2.8	-20.5 ± 7.6	GA01242
FA2	-9.1	80.5	-1.9	0.0 ± 0.1	-1.0 ± 2.0	-23.9 ± 7.3	GA01243
FA3	1.6	246.6	-1.8	0.0 ± 0.1	-1.9 ± 2.4	-21.3 ± 8.1	GA01244
FA4	-9.1	146.9	-1.9	0.0 ± 0.0	1.1 ± 2.9	-18.3 ± 8.4	GA01245
FA5	1.6	180.2	-2.0	-0.5 ± 0.3	-0.2 ± 3.0	-14.0 ± 8.3	GA01246
FA6	-9.1	146.9	-2.0	0.0 ± 0.1	-0.5 ± 2.3	-16.0 ± 8.1	GA01247
FB1	1.6	279.9	-1.9	0.0 ± 0.1	-2.4 ± 2.1	-19.2 ± 8.4	GA01248
FB2	-9.1	457.1	-2.0	0.0 ± 0.0	1.1 ± 2.9	-19.1 ± 8.9	GA01249
QA	N/A	N/A	N/A	0.3 ± 1.6	-1.9 ± 2.3	-17.1 ± 7.7	GA01250
FB3	12.3	202.3	-2.0	0.0 ± 0.1	1.8 ± 3.2	-21.5 ± 8.8	GA01251
FB4	-9.1	235.6	-1.9	0.0 ± 0.1	-3.0 ± 1.8	-21.7 ± 8.8	GA01252
FB5	-9.1	102.6	-1.8	0.0 ± 0.0	1.1 ± 2.9	-16.5 ± 8.3	GA01253
FB6	-9.1	169.1	-1.9	-0.5 ± 0.3	0.9 ± 3.4	-17.1 ± 8.2	GA01254
FC1	12.3	922.3	-1.9	0.0 ± 0.1	1.3 ± 3.0	-15.5 ± 8.3	GA01255
FC2	-9.1	235.6	-1.7	0.0 ± 0.1	0.5 ± 3.3	-16.5 ± 8.4	GA01256
FC3	1.6	36.2	-1.6	0.0 ± 0.0	-0.7 ± 2.1	-20.5 ± 8.3	GA01257
FC4	-9.1	113.7	-1.8	0.3 ± 1.6	-1.9 ± 2.3	-12.4 ± 8.9	GA01258
FC5	-9.1	-30.3	-1.9	0.0 ± 0.1	0.1 ± 2.5	-20.5 ± 7.7	GA01259
FC6	1.6	313.1	-2.0	0.0 ± 0.1	-1.3 ± 2.7	-17.9 ± 8.5	GA01260
FD1	1.6	346.3	-1.8	0.0 ± 0.0	-0.1 ± 2.4	-17.8 ± 8.2	GA01261
FD2	1.6	69.4	-1.9	-0.5 ± 0.3	-0.8 ± 2.8	-17.2 ± 7.9	GA01262
FD3	12.3	-8.1	-2.0	0.0 ± 0.1	1.3 ± 3.0	-27.9 ± 9.3	GA01263
FD4	22.9	124.8	-2.0	0.0 ± 0.1	-1.3 ± 2.7	-25.6 ± 8.1	GA01264
FD5	-9.1	36.2	-2.0	0.0 ± 0.0	-2.5 ± 0.5	-20.7 ± 8.3	GA01265
FD6	-9.1	14.0	-1.9	-0.5 ± 0.3	-1.3 ± 2.5	-18.4 ± 8.5	GA01266
WA1A	-9.1	14.0	-1.7	0.0 ± 0.1	0.1 ± 2.5	-21.9 ± 8.0	GA01267
WA2A	-9.1	-8.1	-2.0	0.0 ± 0.1	-1.3 ± 2.7	-21.9 ± 8.0	GA01268
WA3A	33.6	3.0	-2.0	0.0 ± 0.0	0.5 ± 2.6	-20.9 ± 8.1	GA01269
WA4A	1.6	191.3	-2.1	-0.5 ± 0.3	-1.3 ± 2.5	-20.8 ± 8.0	GA01270
WA1B	1.6	-41.3	-2.1	0.0 ± 0.1	3.0 ± 3.6	-18.7 ± 8.7	GA01271
WA2B	1.6	14.0	-2.1	0.0 ± 0.1	-1.3 ± 2.7	-25.1 ± 9.1	GA01272
WA3B	-9.1	268.8	-2.3	0.0 ± 0.0	1.1 ± 2.9	-20.6 ± 8.6	GA01273
WA4B	12.3	-8.1	-2.3	-0.5 ± 0.3	-1.3 ± 2.5	-23.0 ± 8.4	GA01274
WB1A	33.6	246.6	-2.2	0.0 ± 0.1	-1.6 ± 1.7	-19.8 ± 8.3	GA01275
WB2A	-9.1	146.9	-2.4	0.0 ± 0.1	-2.4 ± 2.1	-15.4 ± 8.8	GA01276
WB3A	-9.1	36.2	-2.2	0.0 ± 0.0	-0.1 ± 2.4	-18.6 ± 8.2	GA01277
WB4A	-9.1	-85.7	-2.1	-0.5 ± 0.3	1.5 ± 3.5	-17.3 ± 8.7	GA01278
WB1B	-9.1	14.0	-2.1	0.7 ± 1.5	2.4 ± 3.4	-26.1 ± 8.9	GA01279
WB2B	1.6	36.2	-2.0	0.0 ± 0.1	-1.9 ± 2.4	-19.6 ± 8.2	GA01280
WB3B	25.2	-107.8	-2.0	0.0 ± 0.0	-0.7 ± 2.1	-14.7 ± 8.5	GA01281
WB4B	-9.1	-41.3	-2.0	-0.5 ± 0.3	-0.2 ± 3.0	-19.3 ± 8.6	GA01282
WC1A	-9.1	-141.0	-2.0	0.0 ± 0.1	0.7 ± 2.8	-18.2 ± 8.6	GA01283
WC2A	12.3	-229.7	-1.9	0.0 ± 0.1	-1.9 ± 2.4	-20.6 ± 8.4	GA01284
WC3A	-9.1	-141.0	-1.9	0.0 ± 0.0	0.5 ± 2.6	-20.0 ± 8.6	GA01285
WC4A	12.3	-19.2	-2.0	-0.5 ± 0.3	1.5 ± 3.5	-16.8 ± 9.2	GA01286
WC1B	-9.1	135.9	-2.0	0.0 ± 0.1	3.5 ± 3.7	-18.6 ± 8.4	GA01287
WC2B	1.6	-19.2	-1.9	0.0 ± 0.1	-0.1 ± 3.1	-17.7 ± 8.5	GA01288
WC3B	1.6	-8.1	-1.9	0.9 ± 1.8	-1.3 ± 1.7	-20.8 ± 8.9	GA01289
WC4B	1.6	-52.4	-1.9	-0.5 ± 0.3	-0.2 ± 3.0	-14.4 ± 8.7	GA01290
WD1A	1.6	146.9	-1.8	0.0 ± 0.1	-1.0 ± 2.0	-23.7 ± 9.9	GA01291

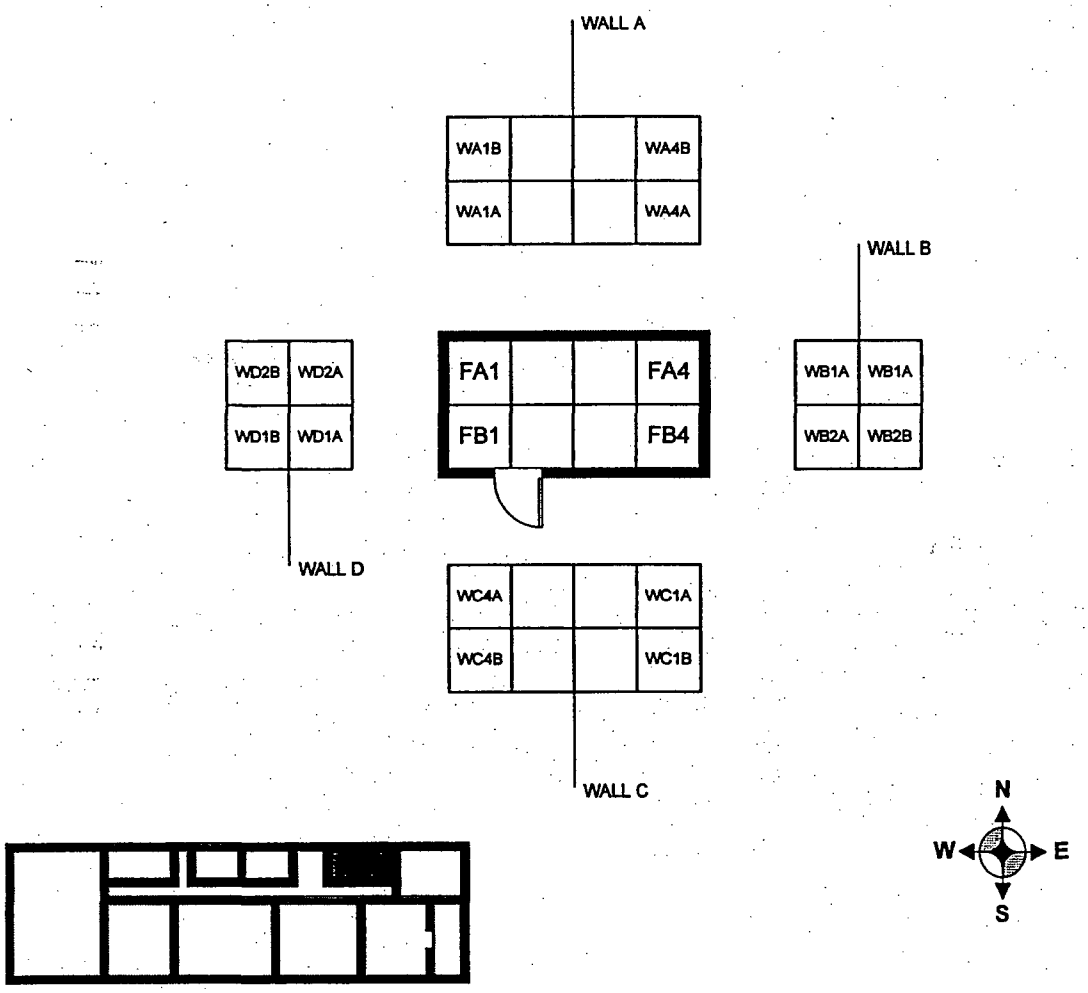
Fort Meade, Building 2805 (Room 6)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.4	20.4	
(MDA =>)	54	401	-	2.6	2.8	36.0	
FA1	-9.1	-163.2	-1.6	0.0 ± 0.1	0.5 ± 3.3	-15.5 ± 8.0	GA01340
FA2	33.6	91.6	-1.6	0.0 ± 0.0	1.1 ± 2.9	-5.6 ± 8.2	GA01341
FA3	-9.1	135.9	-1.8	-0.5 ± 0.3	-0.8 ± 2.8	-13.5 ± 7.4	GA01342
FA4	-9.1	58.3	-1.9	0.0 ± 0.1	0.7 ± 2.8	-9.8 ± 8.0	GA01343
FB1	1.6	146.9	-2.0	0.0 ± 0.1	-2.4 ± 2.1	-12.2 ± 7.5	GA01344
FB2	-9.1	368.5	-1.9	0.0 ± 0.0	-0.7 ± 2.1	-9.4 ± 8.0	GA01345
FB3	-9.1	91.6	-2.0	0.3 ± 1.6	0.4 ± 3.2	-13.1 ± 7.7	GA01346
FB4	1.6	268.8	-1.9	0.0 ± 0.1	1.3 ± 3.0	-9.3 ± 7.8	GA01347
FC1	-9.1	313.1	-2.0	0.0 ± 0.1	-1.3 ± 2.7	-14.1 ± 7.1	GA01348
FC2	-9.1	169.1	-2.0	0.0 ± 0.0	-0.1 ± 2.4	-9.3 ± 7.6	GA01349
FC3	-9.1	335.3	-1.9	-0.5 ± 0.3	0.4 ± 3.2	-8.3 ± 7.0	GA01350
QA	N/A	N/A	N/A	0.0 ± 0.1	1.3 ± 3.0	-7.5 ± 8.3	GA01351
FC4	-9.1	268.8	-1.7	0.0 ± 0.1	-1.9 ± 2.4	-11.1 ± 7.7	GA01352
FD1	-9.1	14.0	-2.0	0.0 ± 0.0	0.5 ± 2.6	-28.3 ± 9.3	GA01353
FD2	-9.1	169.1	-2.0	-0.5 ± 0.3	0.9 ± 3.4	-30.9 ± 9.0	GA01354
FD3	12.3	36.2	-1.8	0.0 ± 0.1	-0.5 ± 2.3	-27.1 ± 9.9	GA01355
FD4	1.6	91.6	-1.8	0.0 ± 0.1	-1.3 ± 2.7	-30.4 ± 10.0	GA01356
WA1A	-9.1	14.0	-1.7	0.0 ± 0.0	-0.7 ± 2.1	-30.7 ± 10.1	GA01357
WA2A	12.3	58.3	-1.8	0.3 ± 1.6	-0.2 ± 3.0	-20.9 ± 9.1	GA01358
WA3A	-9.1	-30.3	-1.7	0.7 ± 1.5	0.1 ± 2.5	-21.6 ± 9.4	GA01359
WA4A	-9.1	-107.8	-1.5	0.7 ± 1.3	-1.9 ± 2.4	-28.9 ± 9.6	GA01360
WA1B	-9.1	25.1	-1.7	0.9 ± 1.8	0.5 ± 2.6	-23.8 ± 8.7	GA01361
WA2B	12.3	36.2	-1.6	-0.5 ± 0.3	0.4 ± 3.2	-24.7 ± 8.8	GA01362
WA3B	22.9	124.8	-1.6	0.0 ± 0.1	-1.6 ± 1.7	-42.6 ± 12.5	GA01363
WA4B	1.6	102.6	-1.7	0.0 ± 0.1	-1.9 ± 2.4	-26.2 ± 8.6	GA01364
WB1A	-9.1	-152.1	-1.6	0.0 ± 0.0	0.5 ± 2.6	-34.2 ± 11.0	GA01365
WB2A	1.6	-141.0	-1.7	0.3 ± 1.6	-0.8 ± 2.8	-34.2 ± 11.0	GA01366
WB3A	-9.1	-85.7	-1.9	0.0 ± 0.1	-1.0 ± 2.0	-27.7 ± 9.2	GA01367
WB4A	5.0	-174.3	-2.0	0.0 ± 0.1	-0.1 ± 3.1	-30.4 ± 9.6	GA01368
WB1B	-9.1	47.3	-1.6	0.0 ± 0.0	-1.9 ± 1.3	-24.6 ± 8.7	GA01369
WB2B	12.3	224.5	-1.6	-0.5 ± 0.3	-1.3 ± 2.5	-38.6 ± 12.9	GA01370
WB3B	1.6	257.7	-1.8	0.0 ± 0.1	0.1 ± 2.5	-27.1 ± 8.4	GA01371
WB4B	-9.1	124.8	-1.8	0.7 ± 1.3	1.1 ± 3.5	-49.1 ± 13.0	GA01372
WC1A	-9.1	-63.5	-1.8	0.0 ± 0.0	0.5 ± 2.6	-41.6 ± 11.7	GA01373
WC2A	-9.1	191.3	-1.8	1.1 ± 2.2	-1.9 ± 2.3	-16.6 ± 9.3	GA01374
WC3A	12.3	36.2	-1.9	0.0 ± 0.1	0.1 ± 2.5	-18.3 ± 9.2	GA01375
WC4A	1.6	202.3	-1.9	0.0 ± 0.1	0.5 ± 3.3	-22.1 ± 8.6	GA01376
WC1B	-9.1	146.9	-2.0	0.0 ± 0.0	1.1 ± 2.9	-25.5 ± 8.5	GA01377
WC2B	-9.1	58.3	-2.0	-0.5 ± 0.3	-0.8 ± 2.8	-19.1 ± 9.1	GA01378
WC3B	12.3	180.2	-1.8	0.0 ± 0.1	-1.6 ± 1.7	-19.6 ± 9.3	GA01379
WC4B	-9.1	169.1	-2.0	0.0 ± 0.1	-1.9 ± 2.4	-20.4 ± 9.0	GA01380
WD1A	-9.1	-107.8	-2.2	0.9 ± 1.8	-0.7 ± 2.1	-22.1 ± 8.8	GA01381
WD2A	1.6	80.5	-2.3	-0.5 ± 0.3	2.0 ± 3.7	-21.8 ± 9.6	GA01382
WD3A	12.3	158.0	-2.4	0.0 ± 0.1	-1.6 ± 1.7	-24.3 ± 8.6	GA01383
WD4A	1.6	25.1	-2.3	0.7 ± 1.3	-0.7 ± 2.9	-31.1 ± 11.3	GA01384
WD1B	-9.1	80.5	-2.5	0.0 ± 0.0	-0.7 ± 2.1	-17.9 ± 9.2	GA01385
WD2B	-9.1	14.0	-2.4	0.3 ± 1.6	-3.5 ± 1.3	-20.4 ± 9.0	GA01386
WD3B	5.0	-107.8	-2.5	0.0 ± 0.1	-0.5 ± 2.3	-25.6 ± 9.5	GA01387
WD4B	20.1	-196.4	-2.3	0.0 ± 0.1	1.1 ± 3.5	-21.3 ± 8.9	GA01388
RCNT1	-9.1	191.3	-2.2	0.0 ± 0.0	-0.1 ± 2.4	-18.5 ± 8.1	GA01389

GRAPHICAL ILLUSTRATION



BUILDING T-2805 ROOM 6, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 10 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

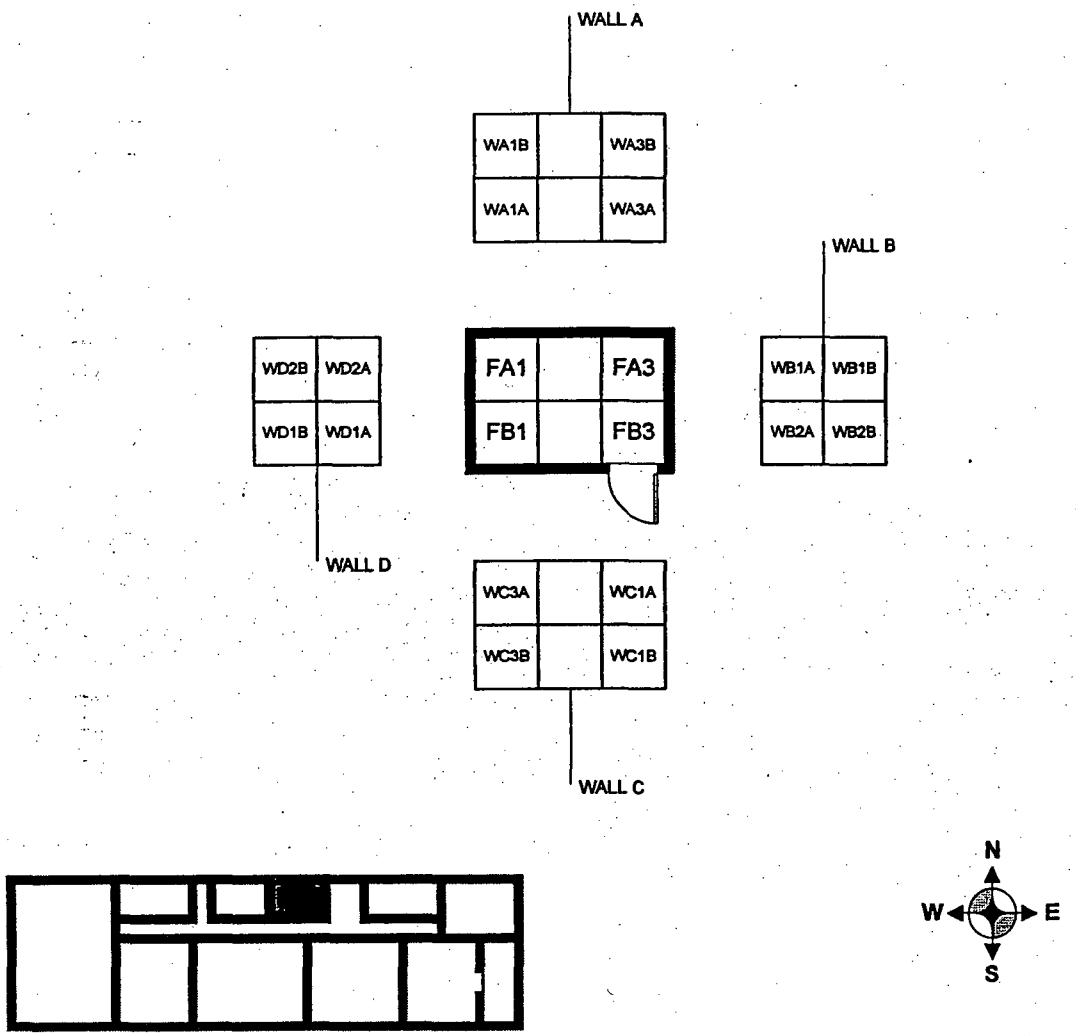
GRAPHICAL ILLUSTRATION



BUILDING T-2805 ROOM 7, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 10 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

Fort Meade, Building 2805 (Room 6)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.4	20.4	
(MDA =>)	54	401	-	2.6	2.8	36.0	
RCNT2	-9.1	36.2	-1.8	0.3 ± 1.6	2.0 ± 3.7	-26.7 ± 9.7	GA01390
RVNT3	-9.1	124.8	-1.6	0.0 ± 0.1	0.7 ± 2.8	-33.6 ± 17.3	GA01391
RCNT4	-9.1	169.1	-1.5	0.0 ± 0.1	-1.9 ± 2.4	-21.3 ± 8.9	GA01392
RSNK5	1.6	-8.1	-1.4	0.0 ± 0.0	1.1 ± 2.9	-18.8 ± 13.7	GA01393
RCAB6	-9.1	91.6	-1.8	-0.5 ± 0.3	-1.3 ± 2.5	-23.6 ± 9.4	GA01394
RD7	1.6	124.8	-1.8	0.0 ± 0.1	-0.5 ± 2.3	-28.9 ± 10.8	GA01395
RD8	12.3	135.9	-1.8	0.0 ± 0.1	0.5 ± 3.3	-20.9 ± 9.7	GA01396
RCNT9	-9.1	14.0	-1.6	0.0 ± 0.0	-0.1 ± 2.4	-26.2 ± 9.7	GA01397

GRAPHICAL ILLUSTRATION

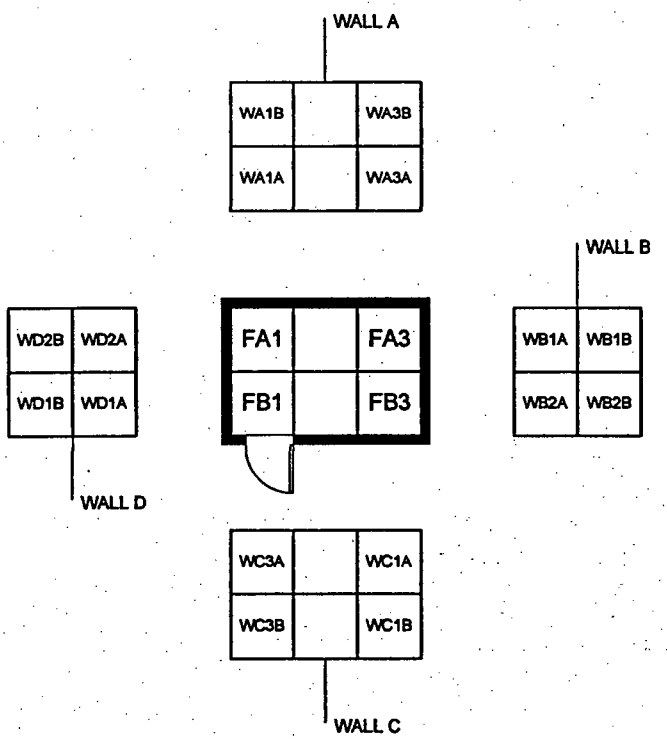


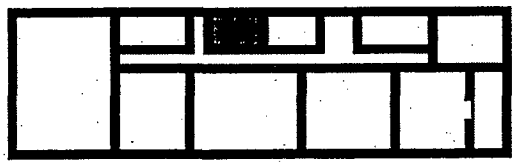
BUILDING T-2805 ROOM 8, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 10 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

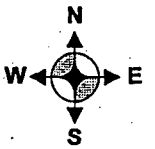
Fort Meade, Building 2805 (Room 7)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.4	28.8	
(MDA =>)	54	401	-	2.6	2.6	48.8	
FA1	1.6	966.6	-1.8	0.3 ± 1.6	-0.8 ± 2.8	-16.8 ± 17.0	GA01398
FA2	33.6	180.2	-1.7	0.0 ± 0.1	3.0 ± 3.6	-20.0 ± 11.4	GA01399
QA	N/A	N/A	N/A	0.5 ± 1.3	-0.2 ± 2.2	-14.0 ± 8.5	GA01400
FA3	-9.1	102.6	-1.8	-0.2 ± 0.1	0.8 ± 2.6	-22.7 ± 13.3	GA01401
FA4	-9.1	102.6	-1.8	-0.2 ± 0.1	-2.1 ± 1.1	-21.1 ± 11.3	GA01402
FB1	-9.1	268.8	-1.5	-0.2 ± 0.1	1.3 ± 2.8	-10.4 ± 9.1	GA01403
FB2	33.6	368.5	-1.5	-0.2 ± 0.1	1.3 ± 2.8	-8.8 ± 9.9	GA01404
FB3	-9.1	180.2	-1.6	1.1 ± 1.8	3.3 ± 3.4	-16.6 ± 9.8	GA01405
FB4	-9.1	146.9	-1.6	0.5 ± 1.3	1.3 ± 2.8	-19.5 ± 9.8	GA01406
WA1A	-9.1	102.6	-1.5	-0.2 ± 0.1	1.3 ± 2.8	-15.2 ± 8.6	GA01407
WA2A	1.6	-19.2	-1.4	0.5 ± 1.3	0.3 ± 2.4	-14.0 ± 8.5	GA01408
WA3A	10.1	80.5	-1.5	0.5 ± 1.3	0.3 ± 2.4	-17.0 ± 8.5	GA01409
WA4A	1.6	-30.3	-1.6	-0.2 ± 0.1	0.8 ± 2.6	-10.6 ± 8.9	GA01410
WA1B	-9.1	169.1	-1.5	2.4 ± 2.5	3.8 ± 3.5	-16.1 ± 8.6	GA01411
WA2B	-9.1	58.3	-1.5	-0.2 ± 0.1	0.8 ± 2.6	-13.0 ± 8.9	GA01412
WA3B	1.6	302.0	-1.6	-0.2 ± 0.1	0.8 ± 2.6	-15.7 ± 8.6	GA01413
WA4B	-9.1	268.8	-1.8	2.4 ± 2.5	1.3 ± 2.8	-32.6 ± 14.1	GA01414
WB1A	1.6	47.3	-1.9	-0.2 ± 0.1	0.3 ± 2.4	-18.7 ± 8.3	GA01415
WB2A	1.6	91.6	-2.1	0.5 ± 1.3	-1.2 ± 1.7	-19.6 ± 8.0	GA01416
WB1B	1.6	146.9	-2.1	-0.2 ± 0.1	2.3 ± 3.1	-15.2 ± 8.6	GA01417
WB2B	1.6	91.6	-2.1	-0.2 ± 0.1	-0.7 ± 2.0	-11.1 ± 8.8	GA01418
WC1A	-9.1	-85.7	-2.1	-0.2 ± 0.1	-1.2 ± 1.7	-17.5 ± 8.0	GA01419
WC2A	12.3	3.0	-2.1	-0.2 ± 0.1	1.3 ± 2.8	-15.3 ± 8.4	GA01420
WC3A	1.6	-52.4	-2.0	-0.2 ± 0.1	0.3 ± 2.4	-15.7 ± 8.4	GA01421
WC4A	12.3	14.0	-2.1	-0.2 ± 0.1	0.8 ± 2.6	-14.5 ± 8.5	GA01422
WC1B	12.3	3.0	-2.1	0.5 ± 1.3	1.8 ± 2.9	-17.0 ± 8.3	GA01423
WC2B	1.6	80.5	-2.0	-0.2 ± 0.1	0.3 ± 2.4	-15.3 ± 8.4	GA01424
WC3B	-9.1	158.0	-1.9	-0.2 ± 0.1	-0.7 ± 2.0	-14.5 ± 8.5	GA01425
WC4B	1.6	-96.7	-1.8	-0.2 ± 0.1	-0.2 ± 2.2	-24.6 ± 9.5	GA01426
WD1A	1.6	25.1	-2.2	0.5 ± 1.3	1.8 ± 2.9	-14.3 ± 8.7	GA01427
WD2A	22.9	180.2	-2.1	-0.2 ± 0.1	4.3 ± 3.6	-18.3 ± 8.3	GA01428
WD1B	22.9	80.5	-2.1	1.1 ± 1.8	0.3 ± 2.4	-20.5 ± 8.8	GA01429
WD2B	12.3	135.9	-1.9	-0.2 ± 0.1	-1.2 ± 1.7	-14.9 ± 8.5	GA01430
RVNT	-9.1	102.6	-2.1	3.0 ± 2.8	6.2 ± 4.1	-37.6 ± 23.7	GA01431

Fort Meade, Building 2805 (Room 8)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.2	2.7	26.5	
(MDA =>)	54	401	-	2.0	2.2	18.8	
FA1	22.9	1321.1	-3.5	-0.2 ± 0.1	0.8 ± 2.6	-10.4 ± 7.9	GA01432
FA2	12.3	1542.6	-3.1	3.7 ± 3.1	2.3 ± 3.1	-9.2 ± 8.0	GA01433
FA3	12.3	1487.2	-2.7	-0.2 ± 0.1	-1.2 ± 1.7	-10.0 ± 8.0	GA01434
FB1	1.6	1487.2	-2.4	0.0 ± 0.0	-0.6 ± 2.0	-11.2 ± 7.9	GA01435
FB2	-9.1	1454.0	-2.1	-0.2 ± 0.1	0.8 ± 2.6	-9.2 ± 8.0	GA01436
FB3	-9.1	1199.2	-1.9	-0.2 ± 0.1	1.3 ± 2.8	-11.5 ± 7.8	GA01437
WA1A	1.6	-41.3	-1.9	-0.2 ± 0.1	-0.7 ± 2.0	-16.2 ± 7.4	GA01438
WA2A	-9.1	3.0	-1.8	-0.2 ± 0.1	0.8 ± 2.6	-17.3 ± 7.3	GA01439
WA3A	12.3	191.3	-1.6	-0.2 ± 0.1	-1.2 ± 1.7	-11.9 ± 7.8	GA01440
WA1B	-9.1	146.9	-1.4	-0.2 ± 0.1	1.3 ± 2.8	-11.2 ± 7.9	GA01441
WA2B	-9.1	36.2	-1.5	0.5 ± 1.3	-0.7 ± 2.0	-13.1 ± 7.7	GA01442
WA3B	-9.1	36.2	-1.4	-0.2 ± 0.1	-0.7 ± 2.0	-15.8 ± 8.2	GA01443
WB1A	40.3	988.8	-1.4	-0.2 ± 0.1	0.8 ± 2.6	-16.2 ± 8.1	GA01444
WB2A	1.6	-85.7	-1.4	-0.2 ± 0.1	0.3 ± 2.4	-16.9 ± 8.0	GA01445
WB1B	-9.1	14.0	-1.4	-0.2 ± 0.1	1.3 ± 2.8	-18.1 ± 7.9	GA01446
WB2B	1.6	-8.1	-1.4	-0.2 ± 0.1	0.3 ± 2.4	-15.0 ± 8.2	GA01447
WC1A	-9.1	14.0	-1.5	-0.2 ± 0.1	-0.7 ± 2.0	-13.1 ± 8.4	GA01448
WC2A	1.6	47.3	-1.5	-0.2 ± 0.1	-0.7 ± 2.0	-17.3 ± 8.0	GA01449
BLANK	-9.1	25.1	-1.1	-0.2 ± 0.1	1.3 ± 2.8	-21.7 ± 8.6	GA01450
WC3A	1.6	146.9	-1.6	1.8 ± 2.2	1.3 ± 2.8	-16.2 ± 8.1	GA01451
WC1B	1.6	69.4	-1.5	0.5 ± 1.3	0.3 ± 2.4	-13.8 ± 8.3	GA01452
WC2B	-9.1	-141.0	-1.6	-0.2 ± 0.1	-1.6 ± 1.5	-16.9 ± 8.0	GA01453
WC3B	-9.1	-41.3	-1.7	-0.2 ± 0.1	-0.7 ± 2.0	-15.4 ± 8.2	GA01454
WD1A	1.6	58.3	-1.9	-0.2 ± 0.1	0.3 ± 2.4	-18.5 ± 7.9	GA01455
WD2A	-9.1	3.0	-1.9	-0.2 ± 0.1	-0.2 ± 2.2	-18.8 ± 7.9	GA01456
WD1B	1.6	180.2	-1.7	0.5 ± 1.3	0.3 ± 2.4	-17.3 ± 8.0	GA01457
WD2B	-9.1	113.7	-1.7	-0.2 ± 0.1	0.8 ± 2.6	-16.2 ± 8.1	GA01458
RD1	10.1	191.3	-1.9	-0.2 ± 0.1	-0.2 ± 2.2	-15.0 ± 8.2	GA01459
RSHFL2	1.6	379.6	-1.5	-0.2 ± 0.1	1.8 ± 2.9	-16.9 ± 8.0	GA01460
RSNK	33.6	2528.4	-1.5	2.4 ± 2.5	-0.7 ± 2.0	-13.1 ± 8.4	GA01461

GRAPHICAL ILLUSTRATION

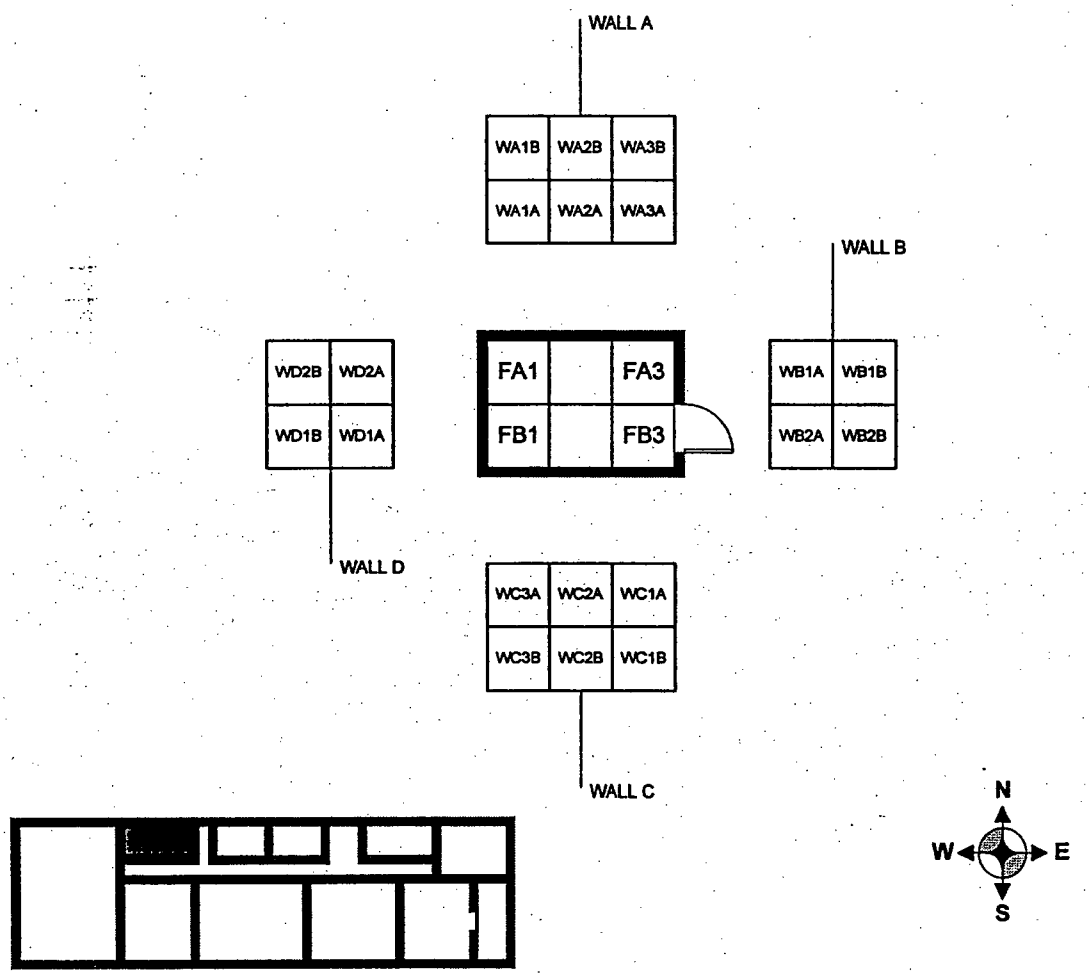






BUILDING T-2805 ROOM 9, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 10 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

GRAPHICAL ILLUSTRATION

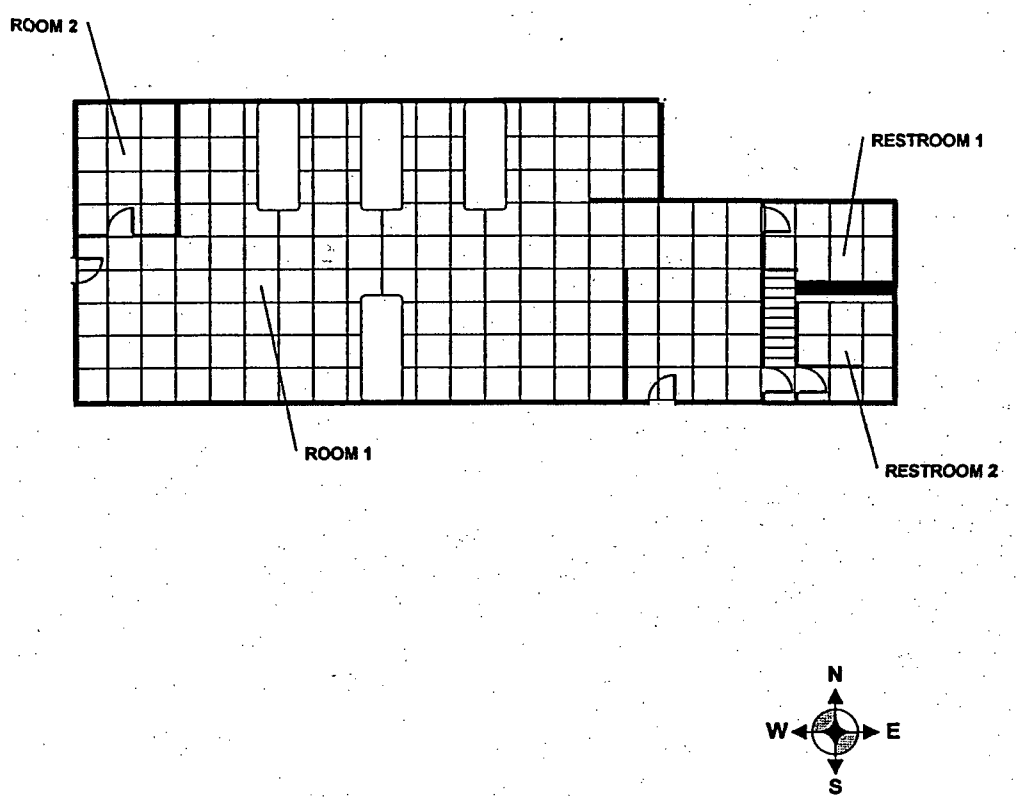


BUILDING T-2805 ROOM 10, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 10 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

Fort Meade, Building 2805 (Room 9)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.4	29.6	
(MDA =>)	54	386	-	2.1	2.4	20.6	
FA1	22.9	1239.0	-1.5	1.1 ± 1.8	0.3 ± 2.4	-20.5 ± 9.5	GA01462
FA2	-9.1	1089.8	-1.4	-0.2 ± 0.1	-1.2 ± 1.7	-22.2 ± 8.8	GA01463
FA3	-9.1	1377.5	-1.2	0.5 ± 1.3	0.8 ± 2.6	-17.0 ± 9.1	GA01464
FB1	1.6	1761.1	-1.1	-0.2 ± 0.1	-1.2 ± 1.7	-14.4 ± 10.3	GA01465
FB2	22.9	1345.5	-1.0	0.5 ± 1.3	0.3 ± 2.4	-24.0 ± 8.9	GA01466
FB3	-9.1	1452.1	-1.1	-0.2 ± 0.1	1.3 ± 2.8	-16.2 ± 9.1	GA01467
WA1A	-9.1	120.1	-1.1	0.5 ± 1.3	-1.2 ± 1.7	-20.0 ± 8.8	GA01468
WA2A	-9.1	279.9	-1.4	-0.2 ± 0.1	-1.2 ± 1.7	-17.0 ± 9.1	GA01469
WA3A	-9.1	56.1	-1.1	-0.2 ± 0.1	-1.2 ± 1.7	-17.5 ± 8.8	GA01470
WA1B	12.3	98.8	-1.1	0.5 ± 1.3	-0.7 ± 2.0	-18.3 ± 8.9	GA01471
WA2B	1.6	141.4	-1.1	-0.2 ± 0.1	-0.2 ± 2.2	-16.3 ± 8.9	GA01472
WA3B	-9.1	-7.8	-1.0	0.5 ± 1.3	2.8 ± 3.2	-20.0 ± 8.8	GA01473
WB1A	-9.1	1143.1	-1.0	-0.2 ± 0.1	-1.2 ± 1.7	-16.2 ± 9.1	GA01474
WB2A	12.3	184.0	-1.0	-0.2 ± 0.1	0.3 ± 2.4	-18.7 ± 8.9	GA01475
WB1B	1.6	-61.1	-1.2	0.5 ± 1.3	-0.2 ± 2.2	-16.2 ± 9.1	GA01476
WB2B	-9.1	194.7	-1.2	-0.2 ± 0.1	4.3 ± 3.6	-19.1 ± 9.1	GA01477
WC1A	1.6	-125.0	-1.3	-0.2 ± 0.1	-1.2 ± 1.7	-19.6 ± 8.8	GA01478
WC2A	-9.1	130.7	-1.4	0.5 ± 1.3	0.8 ± 2.6	-17.7 ± 9.7	GA01479
WC3A	-9.1	13.5	-1.4	-0.2 ± 0.1	-0.2 ± 2.2	-17.4 ± 9.3	GA01480
WC1B	-9.1	-50.4	-1.4	-0.2 ± 0.1	-0.2 ± 2.2	-21.7 ± 8.6	GA01481
WC2B	-9.1	184.0	-1.5	0.5 ± 1.3	0.8 ± 2.6	-20.4 ± 9.0	GA01482
WC3B	1.6	-82.4	-1.5	-0.2 ± 0.1	0.3 ± 2.4	-19.1 ± 8.9	GA01483
WD1A	12.3	152.0	-1.5	0.5 ± 1.3	0.8 ± 2.6	-22.1 ± 8.4	GA01484
WD2A	-9.1	-82.4	-1.5	0.8 ± 1.5	0.1 ± 2.5	-12.1 ± 9.3	GA01485
WD1B	-9.1	-29.1	-1.5	0.8 ± 1.5	-2.0 ± 1.2	-15.3 ± 9.2	GA01486
WD2B	-9.1	88.1	-1.4	0.0 ± 0.0	1.2 ± 2.9	-15.4 ± 9.0	GA01487
RSNK	1.6	2453.8	-1.4	0.0 ± 0.0	0.1 ± 2.5	-12.8 ± 8.8	GA01488

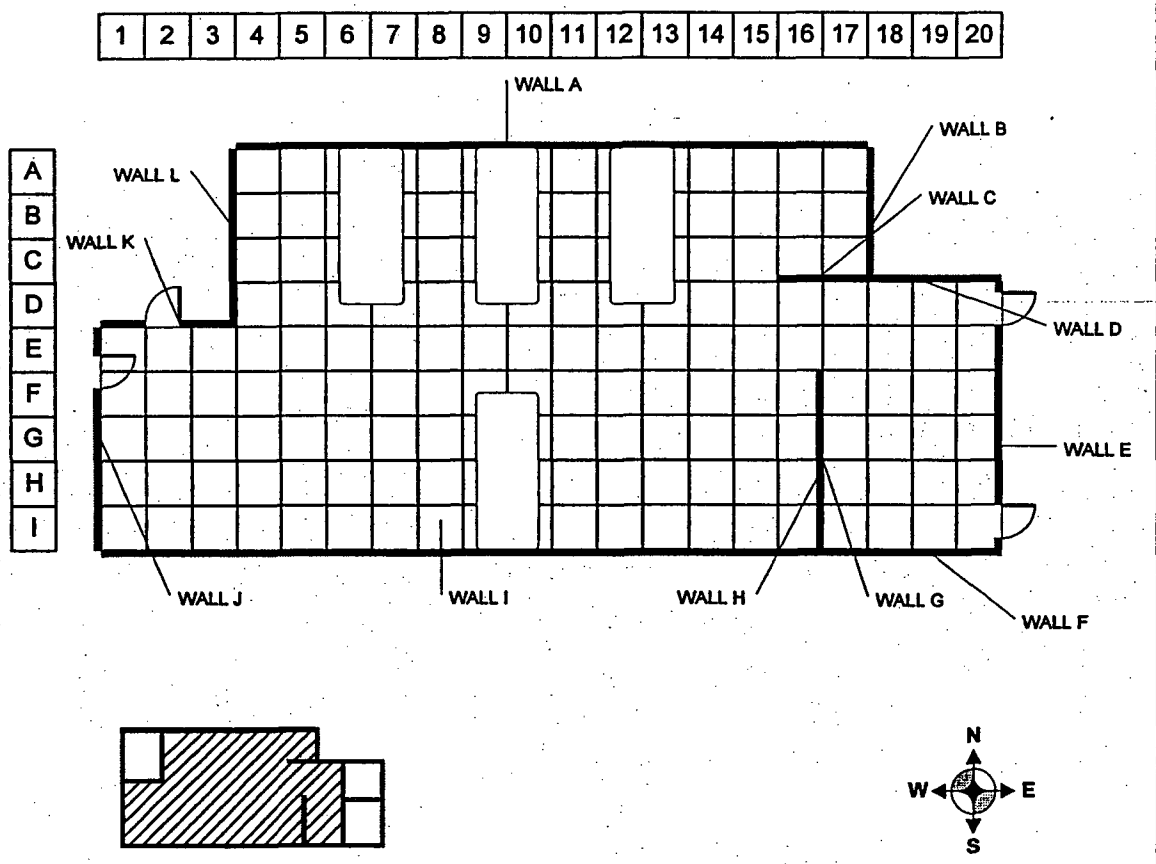
Fort Meade, Building 2805 (Room 10)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.3	2.0	35.1	
(MDA =>)	54	401	-	1.9	1.8	40.0	
FA1	1.6	224.5	-1.9	0.3 ± 1.1	-0.7 ± 1.5	-26.8 ± 10.3	GA01603
FA2	-9.1	213.4	-1.7	-0.3 ± 0.2	-0.3 ± 1.7	-19.1 ± 20.9	GA01604
FA3	-9.1	25.1	-1.5	-0.3 ± 0.2	1.4 ± 2.4	-23.8 ± 10.3	GA01605
FA4	-9.1	124.8	-1.2	-0.3 ± 0.2	-0.3 ± 1.7	-15.4 ± 13.5	GA01606
FB1	1.6	357.4	-1.0	-0.3 ± 0.2	-0.3 ± 1.7	-28.2 ± 12.8	GA01607
FB2	-9.1	135.9	-0.8	0.3 ± 1.1	-0.3 ± 1.7	-21.4 ± 10.5	GA01608
FB3	-9.1	58.3	-0.6	-0.3 ± 0.2	-0.3 ± 1.7	-14.8 ± 17.9	GA01609
FB4	-9.1	25.1	-0.6	-0.3 ± 0.2	-0.7 ± 1.5	-28.1 ± 11.6	GA01610
WA1A	1.6	102.6	-0.8	-0.3 ± 0.2	1.8 ± 2.5	-22.9 ± 8.8	GA01611
WA2A	12.3	69.4	-0.8	2.6 ± 2.5	6.0 ± 3.6	-21.7 ± 8.9	GA01612
WA3A	-9.1	113.7	-0.8	-0.3 ± 0.2	0.5 ± 2.1	-21.3 ± 9.0	GA01613
WA4A	1.6	434.9	-0.8	0.3 ± 1.1	-0.7 ± 1.5	-24.8 ± 9.1	GA01614
WA1B	1.6	102.6	-0.8	-0.3 ± 0.2	0.9 ± 2.2	-34.1 ± 11.1	GA01615
WA2B	-9.1	135.9	-0.6	0.3 ± 1.1	0.9 ± 2.2	-33.8 ± 10.3	GA01616
WA3B	1.6	58.3	-0.6	-0.3 ± 0.2	1.4 ± 2.4	-26.7 ± 8.5	GA01617
WA4B	-9.1	47.3	-0.7	0.3 ± 1.1	-0.7 ± 1.5	-24.3 ± 8.9	GA01618
WB1A	12.3	158.0	-0.8	-0.3 ± 0.2	0.5 ± 2.1	-21.3 ± 9.0	GA01619
WB2A	12.3	69.4	-0.8	0.3 ± 1.1	1.8 ± 2.5	-21.2 ± 8.8	GA01620
WB1B	1.6	-141.0	-0.9	-0.3 ± 0.2	0.1 ± 1.9	-24.8 ± 9.1	GA01621
WB2B	1.6	25.1	-0.8	-0.3 ± 0.2	1.8 ± 2.5	-20.0 ± 9.1	GA01622
WC1A	12.3	113.7	-1.0	-0.3 ± 0.2	1.4 ± 2.4	-18.3 ± 9.2	GA01623
WC2A	1.6	91.6	-0.9	-0.3 ± 0.2	-0.7 ± 1.5	-21.7 ± 8.9	GA01624
WC3A	12.3	3.0	-0.8	-0.3 ± 0.2	0.1 ± 1.9	-25.8 ± 8.6	GA01625
WC4A	22.9	47.3	-0.8	1.4 ± 2.0	2.2 ± 2.6	-17.9 ± 9.3	GA01626
WC1B	1.6	25.1	-1.0	-0.3 ± 0.2	-1.2 ± 1.2	-24.6 ± 8.7	GA01627
WC2B	12.3	69.4	-1.2	-0.3 ± 0.2	0.5 ± 2.1	-24.9 ± 8.4	GA01628
WC3B	-9.1	-74.6	-0.9	-0.3 ± 0.2	0.5 ± 2.1	-18.3 ± 9.2	GA01629
WC4B	1.6	-96.7	-0.9	0.3 ± 1.1	3.5 ± 3.0	-27.1 ± 8.4	GA01630
WD1A	1.6	335.3	-0.7	-0.3 ± 0.2	-1.6 ± 0.9	-25.4 ± 8.6	GA01631
WD2A	-9.1	-74.6	-0.8	-0.3 ± 0.2	-0.3 ± 1.7	-24.7 ± 8.9	GA01632
WD1B	-9.1	58.3	-0.8	-0.3 ± 0.2	0.9 ± 2.2	-21.3 ± 9.0	GA01633
WD2B	1.6	25.1	-0.8	-0.3 ± 0.2	-0.3 ± 1.7	-22.9 ± 8.8	GA01634

GRAPHICAL ILLUSTRATION



BUILDING T-2813 FIRST FLOOR, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 9 SEPT 97
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	DRAWN: JKD APPROVED: HE SCALE: NTS PLATE: N/A

GRAPHICAL ILLUSTRATION



BUILDING T-2813 ROOM 1, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD

U.S. ARMY CENTER FOR HEALTH PROMOTION
AND PREVENTIVE MEDICINE
UNITED STATES ARMY MEDICAL DEPARTMENT

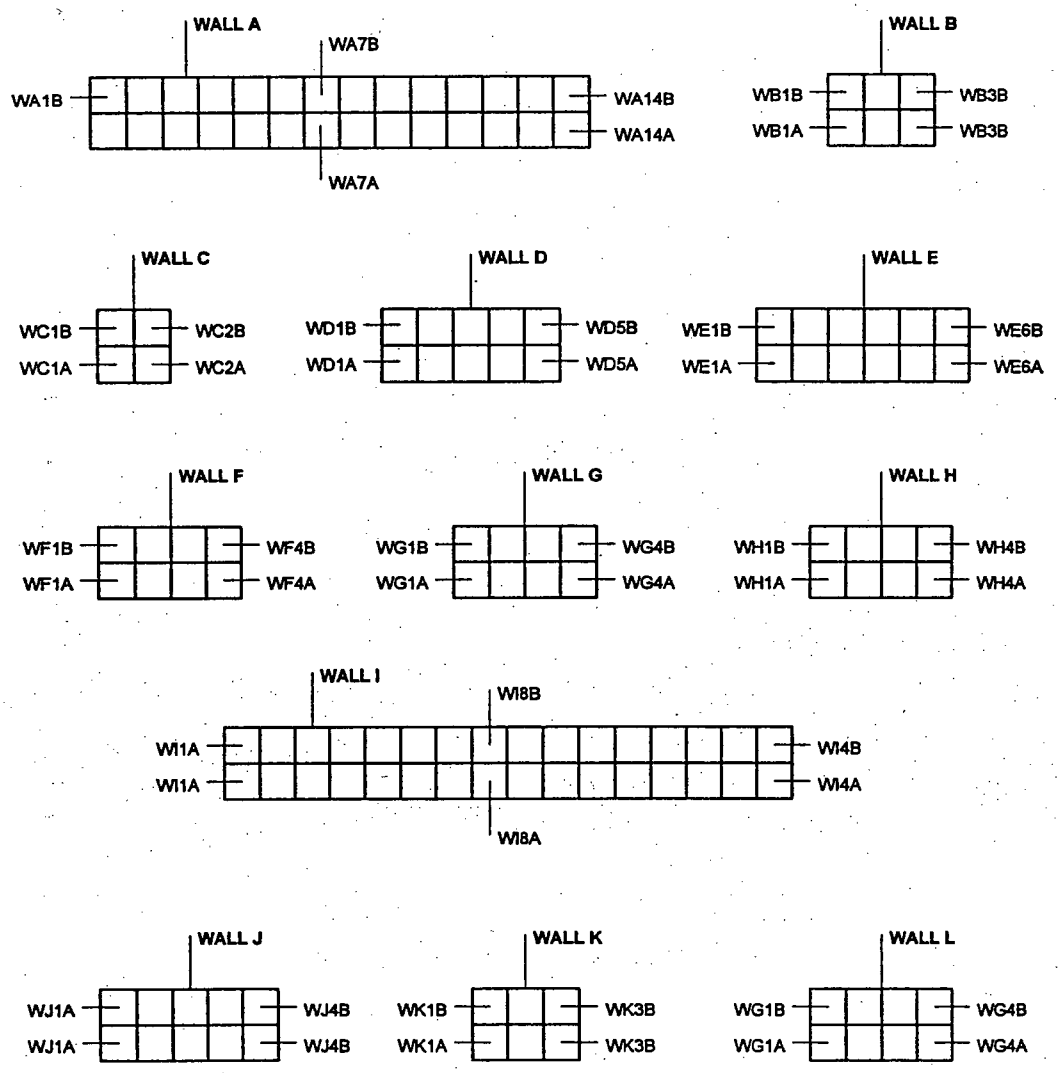
DATE:	8 SEPT 97
DRAWN:	JKD
APPROVED:	HE
SCALE:	NTS
PLATE:	N/A

Fort Meade, Building 2813 (Room 1 - Floors)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.70	0.1	2.0	23.5	
(MDA =>)	54	401	-	2.3	2.4	23.1	
FA4	12.3	235.6	-0.3	0.9 ± 1.6	0.9 ± 2.2	-25.1 ± 9.6	GA00001
FA5	-9.1	158.0	-0.3	0.9 ± 1.6	-0.3 ± 1.7	-27.1 ± 9.2	GA00002
FA6	-9.1	302.0	-0.3	0.3 ± 1.1	2.6 ± 2.8	-24.3 ± 9.7	GA00003
FA7	12.3	180.2	-0.3	0.9 ± 1.6	2.6 ± 2.8	-31.6 ± 9.6	GA00004
FA8	-9.1	346.3	-0.3	-0.2 ± 0.2	0.5 ± 2.1	-26.0 ± 9.5	GA00005
FA9	-9.1	124.8	-0.3	-0.2 ± 0.2	0.5 ± 2.1	-23.0 ± 10.0	GA00006
FA10	1.6	14.0	-0.5	-0.2 ± 0.2	0.9 ± 2.2	-27.7 ± 9.4	GA00007
FA11	-9.1	324.2	-0.5	0.3 ± 1.1	0.5 ± 2.1	-25.2 ± 9.9	GA00008
FA12	12.3	146.9	-0.5	0.3 ± 1.1	0.5 ± 2.1	-21.7 ± 9.7	GA00009
FA13	12.3	313.1	-0.7	0.3 ± 1.1	0.5 ± 2.1	-28.1 ± 9.4	GA00010
FA14	-9.1	268.8	-0.7	0.3 ± 1.1	0.5 ± 2.1	-30.2 ± 9.2	GA00011
FA15	-9.1	180.2	-0.6	0.9 ± 1.6	1.4 ± 2.4	-29.8 ± 9.7	GA00012
FA16	-9.1	146.9	-0.4	-0.2 ± 0.2	0.5 ± 2.1	-28.6 ± 10.7	GA00013
FA17	-9.1	191.3	-0.3	-0.2 ± 0.2	0.5 ± 2.1	-30.5 ± 10.0	GA00014
FB4	1.6	80.5	-0.4	-0.2 ± 0.2	-0.3 ± 1.7	-30.0 ± 10.0	GA00015
FB5	1.6	25.1	-0.3	0.3 ± 1.1	0.9 ± 2.2	-24.7 ± 9.7	GA00016
FB6	-9.1	268.8	-0.2	-0.2 ± 0.2	0.9 ± 2.2	-24.6 ± 9.4	GA00017
FB7	-9.1	246.6	-0.2	-0.2 ± 0.2	0.5 ± 2.1	-32.2 ± 9.3	GA00018
FB8	-9.1	423.9	-0.3	-0.2 ± 0.2	0.5 ± 2.1	-28.9 ± 9.3	GA00019
FB9	-9.1	169.1	-0.4	-0.2 ± 0.2	-0.3 ± 1.7	-31.1 ± 9.1	GA00020
FB10	12.3	36.2	-0.7	0.9 ± 1.6	0.1 ± 1.9	-27.2 ± 9.4	GA00021
FB11	12.3	191.3	-0.9	-0.2 ± 0.2	1.4 ± 2.4	-24.3 ± 9.7	GA00022
FB12	-9.1	36.2	-0.9	0.9 ± 1.6	0.5 ± 2.1	-26.3 ± 9.3	GA00023
FB13	-9.1	246.6	-0.7	0.9 ± 1.6	-0.3 ± 1.7	-27.2 ± 9.4	GA00024
FB14	-9.1	158.0	-0.9	-0.2 ± 0.2	1.8 ± 2.5	-25.1 ± 9.6	GA00025
FB15	-9.1	202.3	-0.7	0.3 ± 1.1	0.5 ± 2.1	-26.4 ± 9.5	GA00026
FB16	-9.1	313.1	-0.5	-0.2 ± 0.2	0.9 ± 2.2	-26.1 ± 9.8	GA00027
FB17	-9.1	368.5	-0.5	0.3 ± 1.1	0.9 ± 2.2	-22.6 ± 10.1	GA00028
FC4	-9.1	446.0	-0.5	0.3 ± 1.1	0.5 ± 2.1	-26.4 ± 9.5	GA00029
FC5	-9.1	124.8	-0.4	-0.2 ± 0.2	0.5 ± 2.1	-27.2 ± 9.4	GA00030
FC6	-9.1	390.6	-0.4	0.9 ± 1.6	-1.2 ± 1.2	-25.1 ± 9.6	GA00031
FC7	1.6	257.7	-0.4	-0.2 ± 0.2	-0.3 ± 1.7	-23.8 ± 9.5	GA00032
FC8	-9.1	102.6	-0.6	-0.2 ± 0.2	0.9 ± 2.2	-25.1 ± 9.6	GA00033
FC9	1.6	14.0	-1.0	0.3 ± 1.1	0.5 ± 2.1	-24.2 ± 9.4	GA00034
FC10	-9.1	379.6	-1.0	-0.2 ± 0.2	-0.3 ± 1.7	-23.3 ± 9.5	GA00035
FC11	-9.1	102.6	-1.1	-0.2 ± 0.2	-0.7 ± 1.5	-25.1 ± 9.6	GA00036
FC12	-9.1	412.8	-1.1	-0.2 ± 0.2	0.5 ± 2.1	-31.1 ± 9.6	GA00037
FC13	-9.1	313.1	-0.9	-0.2 ± 0.2	3.5 ± 3.0	-30.6 ± 9.1	GA00038
FC14	-9.1	102.6	-1.0	-0.2 ± 0.2	0.9 ± 2.2	-26.4 ± 9.5	GA00039
FC15	1.6	235.6	-1.0	-0.2 ± 0.2	0.9 ± 2.2	-31.5 ± 9.1	GA00040
FC16	12.3	36.2	-1.1	0.9 ± 1.6	2.2 ± 2.6	-30.0 ± 10.0	GA00041
FC17	12.3	379.6	-1.0	-0.2 ± 0.2	3.0 ± 2.9	-28.3 ± 9.6	GA00042
FD1	-9.1	235.6	-0.2	0.3 ± 1.1	-0.3 ± 1.7	-26.1 ± 9.8	GA00043
FD2	-9.1	-41.3	-0.2	5.5 ± 3.6	6.8 ± 3.8	-21.3 ± 9.9	GA00044
FD3	1.6	180.2	-0.2	-0.2 ± 0.2	3.0 ± 2.9	-27.2 ± 9.4	GA00045
FD4	-9.1	180.2	-0.3	-0.2 ± 0.2	1.4 ± 2.4	-17.4 ± 8.4	GA00046
FD5	-9.1	268.8	-0.4	-0.2 ± 0.2	0.1 ± 1.9	-21.7 ± 8.2	GA00047
FD6	-9.1	246.6	-0.5	-0.2 ± 0.2	0.9 ± 2.2	-15.3 ± 8.6	GA00048
FD7	1.6	25.1	-0.5	-0.2 ± 0.2	0.1 ± 1.9	-17.8 ± 8.8	GA00049
BLANK	-9.1	279.9	-0.2	-0.2 ± 0.2	-0.3 ± 1.7	-12.1 ± 8.7	GA00050

Fort Meade, Building 2813 (Room 1 - Floors)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.70	0.1	2.0	23.5	
(MDA =>)	54	401	-	2.3	2.4	23.1	
FD8	-9.1	291.0	-0.5	0.3 ± 1.1	1.8 ± 2.5	-24.1 ± 8.4	GA00051
FD9	1.6	324.2	-0.3	-0.2 ± 0.2	-0.7 ± 1.5	-15.2 ± 8.8	GA00052
FD10	-9.1	279.9	-0.5	-0.2 ± 0.2	0.9 ± 2.2	-12.6 ± 9.1	GA00053
FD11	1.6	191.3	-0.5	0.3 ± 1.1	0.5 ± 2.1	-14.9 ± 8.6	GA00054
FD12	1.6	213.4	-0.5	0.3 ± 1.1	0.5 ± 2.1	-17.8 ± 8.8	GA00055
FD13	1.6	324.2	-0.6	-0.2 ± 0.2	0.5 ± 2.1	-18.6 ± 8.9	GA00056
FD14	-9.1	158.0	-1.0	-0.2 ± 0.2	0.1 ± 1.9	-13.7 ± 8.0	GA00057
FD15	-9.1	80.5	-1.3	-0.2 ± 0.2	-0.3 ± 1.7	-11.5 ± 8.9	GA00058
FD16	12.3	135.9	-1.3	0.9 ± 1.6	-1.2 ± 1.2	-15.0 ± 10.4	GA00059
FD17	1.6	279.9	-0.9	0.3 ± 1.1	0.5 ± 2.1	-20.0 ± 8.3	GA00060
FE1	-9.1	379.6	-0.8	-0.2 ± 0.2	0.1 ± 1.9	-18.6 ± 9.2	GA00061
FE2	1.6	158.0	-0.6	0.3 ± 1.1	1.4 ± 2.4	-21.3 ± 8.4	GA00062
FE3	1.6	-41.3	-0.3	-0.2 ± 0.2	-0.3 ± 1.7	-13.8 ± 9.2	GA00063
FE4	-9.1	91.6	-0.4	-0.2 ± 0.2	0.5 ± 2.1	-14.8 ± 8.9	GA00064
FE5	-9.1	291.0	-0.3	0.3 ± 1.1	0.5 ± 2.1	-21.3 ± 8.2	GA00065
FE6	-9.1	291.0	-0.4	-0.2 ± 0.2	0.5 ± 2.1	-19.1 ± 8.9	GA00066
FE7	-9.1	357.4	-0.5	0.3 ± 1.1	-0.7 ± 1.5	-13.6 ± 8.7	GA00067
FE8	-9.1	268.8	-0.5	0.3 ± 1.1	-0.3 ± 1.7	-14.0 ± 8.7	GA00068
FE9	-9.1	235.6	-0.7	-0.2 ± 0.2	-1.2 ± 1.2	-15.1 ± 9.1	GA00069
FE10	-9.1	202.3	-0.9	0.3 ± 1.1	0.9 ± 2.2	-15.3 ± 8.6	GA00070
FE11	1.6	158.0	-0.8	-0.2 ± 0.2	0.1 ± 1.9	-16.5 ± 8.7	GA00071
FE12	1.6	213.4	-0.8	-0.2 ± 0.2	-1.2 ± 1.2	-20.9 ± 8.3	GA00072
FE13	1.6	302.0	-0.6	-0.2 ± 0.2	2.6 ± 2.8	-17.8 ± 8.8	GA00073
FE14	-9.1	357.4	-0.6	-0.2 ± 0.2	0.5 ± 2.1	-14.7 ± 9.1	GA00074
FE15	-9.1	268.8	-0.6	-0.2 ± 0.2	1.4 ± 2.4	-13.2 ± 8.8	GA00075
FE16	-9.1	58.3	-0.7	-0.2 ± 0.2	-1.6 ± 0.9	-17.0 ± 8.4	GA00076
FE17	-9.1	169.1	-0.8	-0.2 ± 0.2	-0.3 ± 1.7	-13.0 ± 9.0	GA00077
FE18	-9.1	-8.1	-0.8	0.3 ± 1.1	0.1 ± 1.9	-13.6 ± 8.7	GA00078
FE19	1.6	158.0	-1.0	0.9 ± 1.6	-0.7 ± 1.5	-21.7 ± 8.2	GA00079
FE20	-9.1	124.8	-0.4	-0.2 ± 0.2	0.5 ± 2.1	-16.5 ± 8.7	GA00080
FF1	-9.1	91.6	-0.4	-0.2 ± 0.2	-0.3 ± 1.7	-13.6 ± 8.7	GA00081
FF2	-9.1	202.3	-0.4	-0.2 ± 0.2	0.9 ± 2.2	-18.2 ± 8.8	GA00082
FF3	-9.1	135.9	-0.2	-0.2 ± 0.2	0.5 ± 2.1	-17.0 ± 8.4	GA00083
FF4	-9.1	124.8	-0.3	-0.2 ± 0.2	0.9 ± 2.2	-16.5 ± 8.7	GA00084
FF5	-9.1	158.0	-0.2	-0.2 ± 0.2	3.5 ± 3.0	-19.6 ± 8.2	GA00085
FF6	-9.1	113.7	-0.3	0.3 ± 1.1	0.9 ± 2.2	-19.6 ± 8.2	GA00086
FF7	1.6	91.6	-0.4	-0.2 ± 0.2	-0.7 ± 1.5	-17.9 ± 8.3	GA00087
FF8	1.6	135.9	-0.5	-0.2 ± 0.2	-0.7 ± 1.5	-12.3 ± 8.9	GA00088
FF9	-9.1	268.8	-0.7	0.3 ± 1.1	-0.7 ± 1.5	-20.4 ± 8.1	GA00089
FF10	-9.1	235.6	-0.3	-0.2 ± 0.2	-0.7 ± 1.5	-16.5 ± 8.7	GA00090
FF11	-9.1	191.3	-0.4	-0.2 ± 0.2	0.9 ± 2.2	-11.4 ± 8.7	GA00091
FF12	-9.1	246.6	-0.3	-0.2 ± 0.2	0.1 ± 1.9	-10.5 ± 8.8	GA00092
FF13	-9.1	324.2	-0.1	-0.2 ± 0.2	-0.3 ± 1.7	-14.8 ± 7.9	GA00093
FF14	1.6	146.9	0.0	-0.2 ± 0.2	0.5 ± 2.1	-14.5 ± 8.4	GA00094
FF15	-9.1	512.5	-0.1	-0.2 ± 0.2	3.0 ± 2.9	-10.0 ± 8.4	GA00095
FF16	1.6	246.6	-0.5	-0.1 ± 0.1	2.5 ± 3.4	-10.2 ± 8.2	GA00096
FF17	-9.1	368.5	-0.5	-0.1 ± 0.1	-0.2 ± 2.5	-11.3 ± 8.3	GA00097
FF18	-9.1	-19.2	-0.5	-0.1 ± 0.1	0.8 ± 2.9	-16.1 ± 7.8	GA00098
FF19	-9.1	279.9	-0.6	-0.1 ± 0.1	3.0 ± 3.6	-10.4 ± 8.3	GA00099
BLANK	-9.1	113.7	-0.7	-0.1 ± 0.1	0.8 ± 2.9	-10.2 ± 7.8	GA00100

Fort Meade, Building 2813 (Room 1 - Floors)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.70	0.1	2.0	23.5	
(MDA =>)	54	401	-	2.3	2.4	23.1	
FF20	-9.1	235.6	-0.8	-0.1 ± 0.1	-0.8 ± 2.2	-6.8 ± 8.5	GA00101
FG1	-9.1	246.6	-1.1	0.7 ± 1.5	3.0 ± 3.6	-17.7 ± 8.0	GA00102
FG2	-9.1	135.9	-0.7	0.7 ± 1.5	0.3 ± 2.7	-10.2 ± 9.0	GA00103
FG3	-9.1	235.6	-0.8	-0.1 ± 0.1	-1.9 ± 1.6	-11.1 ± 8.1	GA00104
FG4	-9.1	335.3	-0.7	-0.1 ± 0.1	2.5 ± 3.4	-12.3 ± 8.0	GA00105
FG5	-9.1	224.5	-0.7	-0.1 ± 0.1	-1.9 ± 1.6	-10.4 ± 8.3	GA00106
FG6	-9.1	158.0	-0.7	-0.1 ± 0.1	0.8 ± 2.9	-7.6 ± 8.8	GA00107
FG7	1.6	124.8	-0.5	-0.1 ± 0.1	0.3 ± 2.7	-14.3 ± 7.9	GA00108
FG8	1.6	246.6	-0.6	-0.1 ± 0.1	-0.8 ± 2.2	-11.7 ± 8.2	GA00109
FG9	-9.1	246.6	-0.4	0.7 ± 1.5	0.8 ± 2.9	-15.2 ± 7.9	GA00110
FG10	-9.1	-74.6	-0.7	-0.1 ± 0.1	0.3 ± 2.7	-10.9 ± 8.7	GA00111
FG11	-9.1	257.7	-0.7	-0.1 ± 0.1	-0.2 ± 2.5	-15.8 ± 8.4	GA00112
FG12	1.6	36.2	-0.7	-0.1 ± 0.1	0.3 ± 2.7	-13.2 ± 9.2	GA00113
FG13	-9.1	346.3	-0.7	-0.1 ± 0.1	-1.9 ± 1.6	-13.3 ± 8.3	GA00114
FG14	-9.1	246.6	-0.8	0.7 ± 1.5	1.4 ± 3.1	-14.5 ± 8.4	GA00115
FG15	-9.1	335.3	-0.7	-0.1 ± 0.1	-0.2 ± 2.5	-12.6 ± 8.1	GA00116
FG16	-9.1	158.0	-0.6	-0.1 ± 0.1	0.3 ± 2.7	-13.6 ± 7.8	GA00117
FG17	12.3	257.7	-0.7	-0.1 ± 0.1	0.3 ± 2.7	-10.2 ± 9.5	GA00118
FG18	-9.1	335.3	-0.7	-0.1 ± 0.1	-1.9 ± 1.6	-15.8 ± 8.4	GA00119
FG19	-9.1	335.3	-0.6	-0.1 ± 0.1	0.3 ± 2.7	-12.9 ± 8.3	GA00120
FG20	-9.1	246.6	-0.8	-0.1 ± 0.1	0.8 ± 2.9	-13.5 ± 8.0	GA00121
FH1	-9.1	213.4	0.0	-0.1 ± 0.1	1.9 ± 3.3	-14.9 ± 8.6	GA00122
FH2	-9.1	324.2	0.0	-0.1 ± 0.1	1.4 ± 3.1	-18.6 ± 8.2	GA00123
FH3	-9.1	102.6	0.1	-0.1 ± 0.1	0.3 ± 2.7	-12.8 ± 7.9	GA00124
FH4	-9.1	69.4	0.1	0.7 ± 1.5	0.3 ± 2.7	-8.3 ± 8.6	GA00125
FH5	-9.1	291.0	0.1	0.7 ± 1.5	1.9 ± 3.3	-10.6 ± 8.1	GA00126
FH6	-9.1	335.3	0.3	0.7 ± 1.5	0.3 ± 2.7	-20.0 ± 8.2	GA00127
FH7	1.6	91.6	0.3	-0.1 ± 0.1	-1.9 ± 1.6	-8.5 ± 8.3	GA00128
FH8	-9.1	-19.2	0.3	-0.1 ± 0.1	1.9 ± 3.3	-14.9 ± 8.6	GA00129
FH9	-9.1	-229.7	0.1	0.7 ± 1.5	0.8 ± 2.9	-15.5 ± 8.3	GA00130
FH10	-9.1	47.3	-0.3	-0.1 ± 0.1	1.9 ± 3.3	-13.2 ± 7.9	GA00131
FH11	-9.1	401.7	-0.3	-0.1 ± 0.1	1.9 ± 3.3	-14.8 ± 7.9	GA00132
FH12	-9.1	423.9	-0.2	-0.1 ± 0.1	-1.3 ± 1.9	-10.5 ± 9.8	GA00133
FH13	-9.1	146.9	-0.1	-0.1 ± 0.1	8.5 ± 4.9	-13.8 ± 8.2	GA00134
FH14	-9.1	146.9	-0.1	-0.1 ± 0.1	-1.9 ± 1.6	-15.5 ± 8.3	GA00135
FH15	-9.1	357.4	0.1	-0.1 ± 0.1	2.5 ± 3.4	-14.3 ± 8.6	GA00136
FH16	-9.1	-19.2	-0.1	-0.1 ± 0.1	1.4 ± 3.1	-14.2 ± 8.2	GA00137
FH17	-9.1	291.0	-0.1	0.7 ± 1.5	0.3 ± 2.7	-13.6 ± 9.2	GA00138
FH18	-9.1	-130.0	0.1	-0.1 ± 0.1	3.0 ± 3.6	-18.2 ± 8.7	GA00139
FH19	-9.1	3.0	0.1	-0.1 ± 0.1	1.4 ± 3.1	-13.2 ± 8.5	GA00140
FH20	-9.1	-307.2	0.0	-0.1 ± 0.1	-1.3 ± 1.9	-14.7 ± 8.8	GA00141
FI1	-9.1	-19.2	0.0	-0.1 ± 0.1	1.9 ± 3.3	-16.3 ± 9.2	GA00142
FI2	-9.1	80.5	-0.3	2.1 ± 2.3	4.7 ± 3.3	-20.0 ± 9.0	GA00143
FI3	-9.1	202.3	-0.3	-0.2 ± 0.2	-0.3 ± 1.7	-13.2 ± 8.5	GA00144
FI4	-9.1	146.9	-0.4	0.9 ± 1.6	1.4 ± 2.4	-16.2 ± 8.3	GA00145
FI5	-9.1	224.5	-0.1	3.8 ± 3.0	2.2 ± 2.6	-12.9 ± 9.0	GA00146
FI6	1.6	313.1	0.0	0.3 ± 1.1	0.1 ± 1.9	-17.3 ± 8.6	GA00147
F17	-9.1	324.2	0.1	-0.2 ± 0.2	1.4 ± 2.4	-18.3 ± 8.0	GA00148
FI8	-9.1	446.0	0.0	0.3 ± 1.1	2.2 ± 2.6	-13.5 ± 9.4	GA00149
BLANK	-9.1	58.3	0.1	0.9 ± 1.6	-0.3 ± 1.7	-19.6 ± 7.7	GA00150

GRAPHICAL ILLUSTRATION



BUILDING T-2813 ROOM 1 WALLS, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 9 SEPT 97
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	DRAWN: JKD APPROVED: HE SCALE: NTS PLATE: N/A

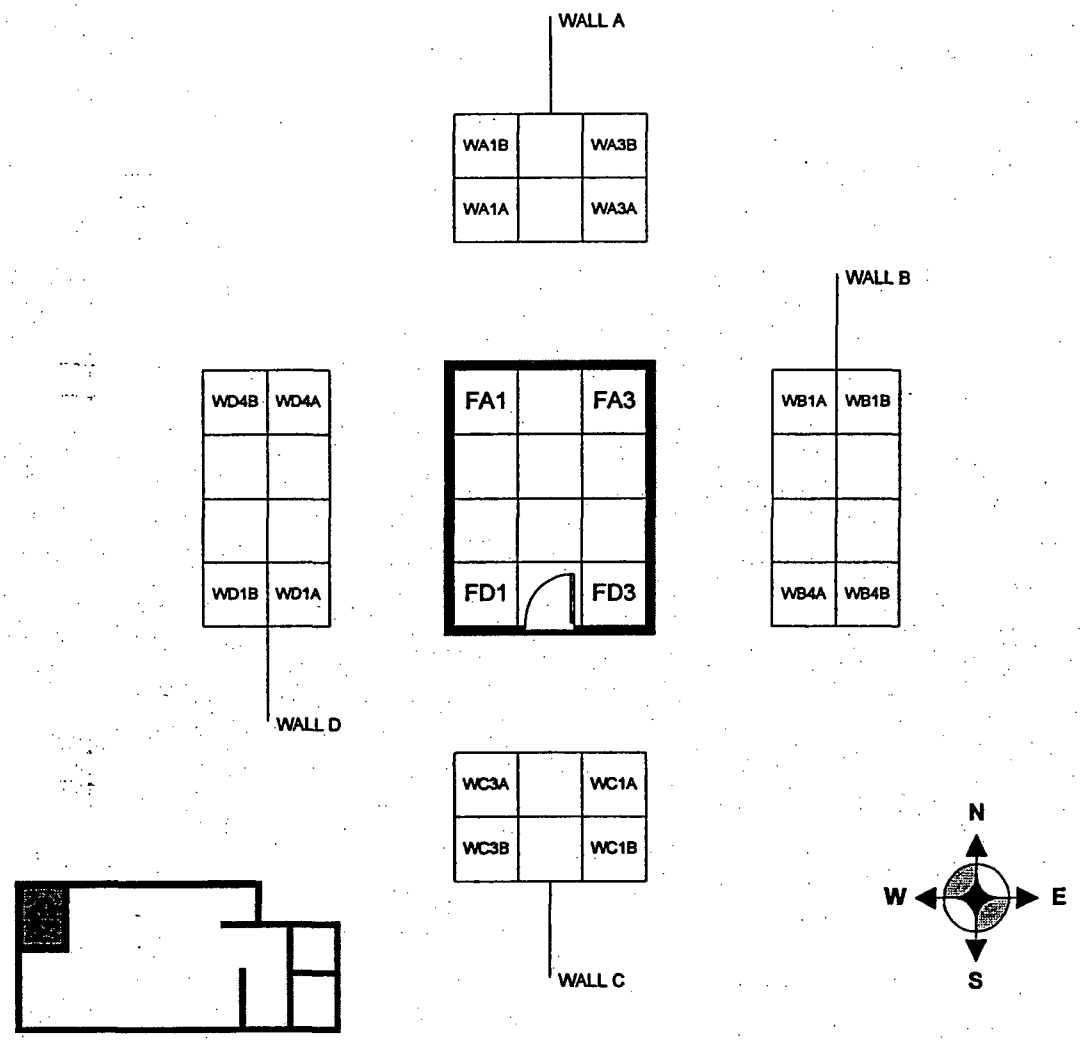
Fort Meade, Building 2813 (Room 1 - Floors)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.70	0.1	2.0	23.5	
(MDA =>)	54	401	-	2.3	2.4	23.1	
FI9	-9.1	390.6	-0.5	0.9 ± 1.6	3.0 ± 2.9	-13.8 ± 9.7	GA00151
FI10	1.6	-107.8	-0.3	2.1 ± 2.3	4.3 ± 3.2	-17.2 ± 9.1	GA00152
FI11	-9.1	412.8	-0.2	-0.2 ± 0.2	1.8 ± 2.5	-15.9 ± 8.9	GA00153
FI12	1.6	357.4	-0.1	0.3 ± 1.1	-0.3 ± 1.7	-13.8 ± 9.7	GA00154
FI13	-9.1	3.0	0.0	-0.2 ± 0.2	1.4 ± 2.4	-12.6 ± 8.8	GA00155
FI14	-9.1	69.4	0.2	-0.2 ± 0.2	1.4 ± 2.4	-15.3 ± 8.3	GA00156
FI15	1.6	235.6	0.3	0.3 ± 1.1	1.8 ± 2.5	-17.1 ± 8.0	GA00157
FI16	-9.1	191.3	0.3	0.3 ± 1.1	2.2 ± 2.6	-11.9 ± 8.7	GA00158
FI17	-9.1	-185.4	0.3	-0.2 ± 0.2	-0.3 ± 1.7	-15.3 ± 9.3	GA00159
FI18	-9.1	-118.9	0.1	-0.2 ± 0.2	-1.6 ± 0.9	-14.7 ± 8.8	GA00160
FI19	-9.1	-52.4	-0.1	0.3 ± 1.1	0.5 ± 2.1	-9.8 ± 8.9	GA00161
FI20	-9.1	135.9	-0.2	0.9 ± 1.6	-0.7 ± 1.5	-18.7 ± 8.2	GA00162

Fort Meade, Building 2813 (Room 1 - Walls)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.1	2.0	25.7	
(MDA =>)	54	401	-	2.3	2.4	33.0	
WE2A	1.6	291.0	-1.4	-0.1 ± 0.1	-1.9 ± 1.6	-17.5 ± 8.4	GA00213
WE3A	1.6	324.2	-1.0	-0.1 ± 0.1	-1.3 ± 1.9	-17.5 ± 8.4	GA00214
WE4A	1.6	279.9	-0.9	-0.1 ± 0.1	-0.2 ± 2.5	-15.4 ± 8.6	GA00215
WE5A	22.9	191.3	-0.6	0.7 ± 1.5	-0.8 ± 2.2	-18.3 ± 8.3	GA00216
WE6A	1.6	213.4	-0.6	-0.1 ± 0.1	0.3 ± 2.7	-17.0 ± 8.7	GA00217
WE1B	12.3	324.2	-0.8	-0.1 ± 0.1	0.8 ± 2.9	-15.4 ± 8.6	GA00218
WE2B	-9.1	158.0	-1.1	-0.1 ± 0.1	1.4 ± 3.1	-19.2 ± 8.2	GA00219
WE3B	-9.1	80.5	-1.3	-0.1 ± 0.1	-2.4 ± 1.2	-12.9 ± 8.8	GA00220
WE4B	1.6	135.9	2.0	-0.1 ± 0.1	-0.8 ± 2.2	-15.8 ± 8.6	GA00221
WE5B	-9.1	279.9	6.6	-0.1 ± 0.1	0.3 ± 2.7	-19.6 ± 8.2	GA00222
WE6B	-9.1	379.6	0.3	0.7 ± 1.5	0.3 ± 2.7	-24.2 ± 10.4	GA00223
WF1A	1.6	158.0	0.1	-0.1 ± 0.1	2.5 ± 3.4	-17.0 ± 8.7	GA00224
WF2A	1.6	-41.3	0.1	0.7 ± 1.5	2.5 ± 3.4	-20.4 ± 8.3	GA00225
WF3A	12.3	91.6	0.0	-0.1 ± 0.1	0.3 ± 2.7	-21.7 ± 8.7	GA00226
WF4A	-9.1	291.0	0.1	-0.2 ± 0.1	0.1 ± 2.1	-19.6 ± 8.9	GA00227
WF1B	1.6	291.0	-0.1	1.6 ± 2.0	2.7 ± 2.9	-21.3 ± 8.8	GA00228
WF2B	1.6	357.4	-0.1	0.4 ± 1.1	1.8 ± 2.6	-25.5 ± 8.6	GA00229
WF3B	-9.1	268.8	-0.1	-0.2 ± 0.1	-0.7 ± 1.7	-20.8 ± 8.8	GA00230
WF4B	-9.1	235.6	0.1	1.0 ± 1.6	1.0 ± 2.4	-26.3 ± 11.1	GA00231
WG1A	-9.1	202.3	0.4	0.4 ± 1.1	-1.5 ± 1.2	-21.3 ± 8.8	GA00232
WG2A	-9.1	158.0	0.4	0.4 ± 1.1	2.2 ± 2.8	-19.6 ± 8.9	GA00233
WG3A	-9.1	213.4	0.3	1.0 ± 1.6	0.1 ± 2.1	-17.1 ± 9.1	GA00234
WG4A	1.6	302.0	0.0	-0.2 ± 0.1	-0.7 ± 1.7	-21.7 ± 8.7	GA00235
WG1B	22.9	357.4	0.0	0.4 ± 1.1	-0.3 ± 1.9	-20.0 ± 8.9	GA00236
WG2B	-9.1	268.8	0.0	0.4 ± 1.1	1.0 ± 2.4	-21.7 ± 8.7	GA00237
WG3B	1.6	58.3	-0.1	0.4 ± 1.1	-0.7 ± 1.7	-20.0 ± 8.9	GA00238
WG4B	-9.1	169.1	0.7	0.4 ± 1.1	0.1 ± 2.1	-16.3 ± 9.2	GA00239
WH1A	1.6	-8.1	0.4	1.0 ± 1.6	1.8 ± 2.6	-22.5 ± 8.6	GA00240
WH2A	1.6	158.0	0.4	-0.2 ± 0.1	-1.5 ± 1.2	-21.7 ± 8.7	GA00241
WH3A	1.6	124.8	0.6	-0.2 ± 0.1	-1.1 ± 1.5	-18.8 ± 9.0	GA00242
WH4A	1.6	91.6	0.4	-0.2 ± 0.1	1.4 ± 2.5	-21.7 ± 8.7	GA00243
WH1B	-9.1	202.3	0.3	-0.2 ± 0.1	-1.1 ± 1.5	-20.0 ± 8.9	GA00244
WH2B	-9.1	135.9	0.2	-0.2 ± 0.1	1.8 ± 2.6	-17.1 ± 9.1	GA00245
WH3B	-9.1	124.8	0.1	-0.2 ± 0.1	0.1 ± 2.1	-20.8 ± 8.8	GA00246
WH4B	-9.1	158.0	0.1	-0.2 ± 0.1	-1.1 ± 1.5	-18.3 ± 9.0	GA00247
WI1A	1.6	113.7	0.1	1.0 ± 1.6	-0.3 ± 1.9	-25.4 ± 8.4	GA00248
WI2A	-9.1	91.6	0.3	-0.2 ± 0.1	-1.5 ± 1.2	-23.8 ± 8.5	GA00249
QA	N/A	N/A	N/A	-0.2 ± 0.1	0.1 ± 2.1	-23.4 ± 8.8	GA00250
WI3A	1.6	268.8	0.0	0.4 ± 1.1	-0.7 ± 1.7	-20.4 ± 9.1	GA00251
WI4A	12.3	235.6	0.3	-0.2 ± 0.1	1.8 ± 2.6	-25.0 ± 8.4	GA00252
WI5A	1.6	191.3	0.1	-0.2 ± 0.1	-0.3 ± 1.9	-22.9 ± 8.6	GA00253
WI6A	-9.1	246.6	0.1	-0.2 ± 0.1	1.4 ± 2.5	-22.1 ± 8.7	GA00254
WI7A	-9.1	324.2	0.3	-0.2 ± 0.1	-0.3 ± 1.9	-23.8 ± 8.5	GA00255
WI8A	-9.1	146.9	0.0	-0.2 ± 0.1	-0.3 ± 1.9	-18.3 ± 9.2	GA00256
WI9A	12.3	512.5	-0.1	-0.2 ± 0.1	1.4 ± 2.5	-25.8 ± 8.3	GA00257
WI10A	-9.1	246.6	0.3	-0.2 ± 0.1	-0.3 ± 1.9	-20.0 ± 8.9	GA00258
WI11A	-9.1	368.5	0.1	-0.2 ± 0.1	-0.7 ± 1.7	-16.2 ± 9.4	GA00259
WI12A	1.6	-19.2	0.3	-0.2 ± 0.1	-1.5 ± 1.2	-16.6 ± 9.4	GA00260
WI13A	-9.1	279.9	0.2	-0.2 ± 0.1	2.2 ± 2.8	-22.1 ± 8.9	GA00261
WI14A	1.6	113.7	0.3	-0.2 ± 0.1	-0.3 ± 1.9	-22.1 ± 8.7	GA00262

Fort Meade, Building 2813 (Room 1 - Walls)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.1	2.0	25.7	
(MDA =>)	54	401	-	2.3	2.4	33.0	
WA1A	-9.1	235.6	-0.5	0.9 ± 1.6	2.6 ± 2.8	-16.3 ± 8.0	GA00163
WA2A	12.3	158.0	-0.6	-0.2 ± 0.2	-0.3 ± 1.7	-16.3 ± 8.0	GA00164
WA3A	1.6	302.0	-0.5	-0.2 ± 0.2	-2.0 ± 0.4	-13.2 ± 8.5	GA00165
WA4A	1.6	180.2	-0.6	-0.2 ± 0.2	1.4 ± 2.4	-10.0 ± 8.6	GA00166
WA5A	1.6	346.3	-0.9	-0.2 ± 0.2	0.5 ± 2.1	-13.6 ± 8.5	GA00167
WA6A	12.3	124.8	-0.9	-0.2 ± 0.2	0.1 ± 1.9	-12.5 ± 8.4	GA00168
WA7A	1.6	14.0	-0.9	-0.2 ± 0.2	-0.3 ± 1.7	-14.7 ± 8.8	GA00169
WA8A	-9.1	324.2	-1.1	0.3 ± 1.1	0.1 ± 1.9	-10.4 ± 8.6	GA00170
WA9A	-9.1	146.9	-0.7	-0.2 ± 0.2	1.4 ± 2.4	-17.1 ± 8.0	GA00171
WA10A	1.6	313.1	-0.9	-0.2 ± 0.2	-0.7 ± 1.5	-12.1 ± 8.4	GA00172
WA11A	-9.1	268.8	-0.7	0.3 ± 1.1	-0.7 ± 1.5	-17.5 ± 7.9	GA00173
WA12A	-9.1	180.2	-0.6	-0.2 ± 0.2	1.4 ± 2.4	-15.7 ± 8.3	GA00174
WA13A	1.6	146.9	-0.7	-0.2 ± 0.2	-0.3 ± 1.7	-17.4 ± 8.1	GA00175
WA14A	22.9	191.3	-0.7	0.3 ± 1.1	2.6 ± 2.8	-12.8 ± 8.6	GA00176
WA1B	1.6	80.5	-0.9	0.3 ± 1.1	-0.7 ± 1.5	-14.9 ± 8.4	GA00177
WA2B	-9.1	25.1	-0.5	0.9 ± 1.6	1.4 ± 2.4	-31.2 ± 15.4	GA00178
WA3B	-9.1	268.8	-0.4	-0.2 ± 0.2	-0.3 ± 1.7	-14.9 ± 8.4	GA00179
WA4B	1.6	246.6	-0.7	-0.1 ± 0.1	0.3 ± 2.7	-12.9 ± 8.4	GA00180
WA5B	1.6	423.9	-0.8	1.5 ± 2.2	-0.2 ± 2.5	-32.0 ± 13.1	GA00181
WA6B	-9.1	169.1	-0.7	-0.1 ± 0.1	-1.9 ± 1.6	-20.9 ± 8.3	GA00182
WA7B	1.6	36.2	-0.6	0.7 ± 1.5	-2.4 ± 1.2	-17.0 ± 8.7	GA00183
WA8B	-9.1	191.3	-0.6	-0.1 ± 0.1	1.4 ± 3.1	-29.2 ± 10.3	GA00184
WA9B	1.6	36.2	-0.8	-0.1 ± 0.1	-2.4 ± 1.2	-18.8 ± 8.3	GA00185
WA10B	1.6	246.6	-0.8	-0.1 ± 0.1	-0.8 ± 2.2	-16.2 ± 8.7	GA00186
WA11B	1.6	158.0	-0.8	-0.1 ± 0.1	0.3 ± 2.7	-18.7 ± 8.5	GA00187
WA12B	-9.1	202.3	-0.5	-0.1 ± 0.1	-1.9 ± 1.6	-20.0 ± 8.4	GA00188
WA13B	-9.1	313.1	-0.4	-0.1 ± 0.1	-0.8 ± 2.2	-17.4 ± 8.6	GA00189
WA14B	1.6	368.5	-0.5	-0.1 ± 0.1	1.9 ± 3.3	-19.6 ± 8.2	GA00190
WB1A	-9.1	446.0	-0.4	-0.1 ± 0.1	0.8 ± 2.9	-20.4 ± 8.1	GA00191
WB2A	12.3	124.8	-0.3	-0.1 ± 0.1	-0.2 ± 2.5	-16.7 ± 8.5	GA00192
WB3A	-9.1	390.6	-0.4	-0.1 ± 0.1	-0.2 ± 2.5	-21.3 ± 8.5	GA00193
WB1B	-9.1	257.7	-0.3	0.7 ± 1.5	4.7 ± 4.0	-15.4 ± 8.6	GA00194
WB2B	-9.1	102.6	-0.4	-0.1 ± 0.1	2.5 ± 3.4	-15.4 ± 8.6	GA00195
WB3B	1.6	14.0	-0.4	-0.1 ± 0.1	0.3 ± 2.7	-12.8 ± 9.1	GA00196
WC1A	12.3	379.6	-0.4	-0.1 ± 0.1	0.3 ± 2.7	-12.5 ± 8.9	GA00197
WC2A	1.6	102.6	-0.4	-0.1 ± 0.1	0.8 ± 2.9	-15.8 ± 8.6	GA00198
WC1B	22.9	412.8	-0.6	-0.1 ± 0.1	0.3 ± 2.7	-16.7 ± 8.5	GA00199
QA	N/A	N/A	N/A	-0.1 ± 0.1	-1.9 ± 1.6	-15.1 ± 7.7	GA00200
WC2B	-9.1	102.6	-1.0	-0.1 ± 0.1	0.3 ± 2.7	-17.5 ± 8.4	GA00201
WD1A	1.6	235.6	-1.0	-0.1 ± 0.1	0.3 ± 2.7	-20.0 ± 8.2	GA00202
WD2A	12.3	36.2	-1.0	-0.1 ± 0.1	0.3 ± 2.7	-10.6 ± 8.8	GA00203
WD3A	-9.1	379.6	-1.0	-0.1 ± 0.1	-0.2 ± 2.5	-18.8 ± 8.3	GA00204
WD4A	-9.1	235.6	-1.3	-0.1 ± 0.1	-0.2 ± 2.5	-19.2 ± 8.2	GA00205
WD5A	-9.1	-41.3	-1.1	-0.1 ± 0.1	-0.8 ± 2.2	-18.3 ± 8.3	GA00206
WD1B	1.6	180.2	-1.1	-0.1 ± 0.1	3.0 ± 3.6	-18.3 ± 8.3	GA00207
WD2B	-9.1	180.2	-1.0	-0.1 ± 0.1	1.4 ± 3.1	-12.5 ± 8.9	GA00208
WD3B	12.3	268.8	-0.9	-0.1 ± 0.1	-1.3 ± 1.9	-18.3 ± 8.5	GA00209
WD4B	1.6	246.6	-0.9	-0.1 ± 0.1	0.8 ± 2.9	-19.2 ± 8.2	GA00210
WD5B	12.3	25.1	-1.2	-0.1 ± 0.1	1.4 ± 3.1	-17.1 ± 8.4	GA00211
WE1A	-9.1	279.9	-1.4	-0.1 ± 0.1	-0.8 ± 2.2	-15.4 ± 8.6	GA00212

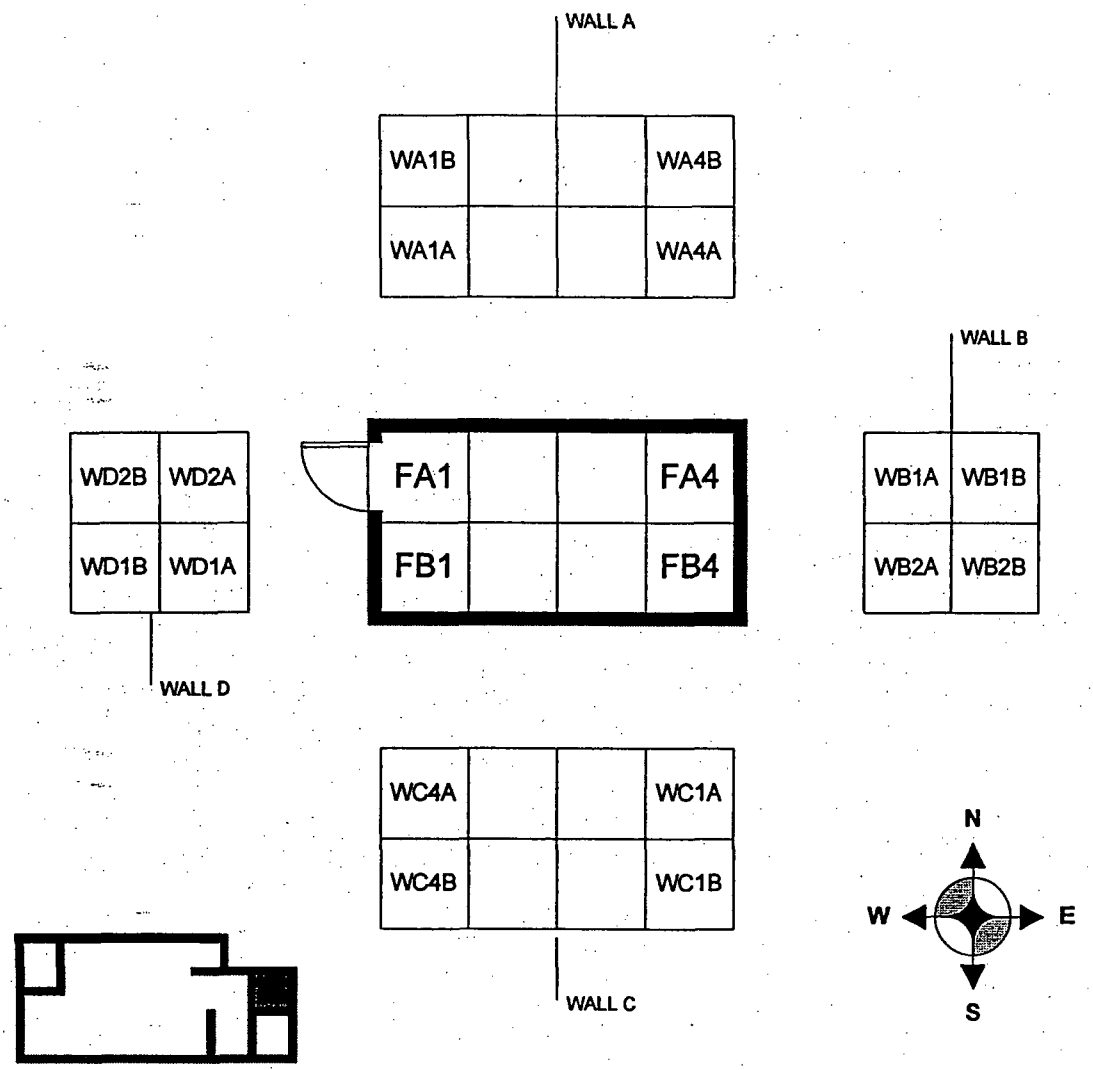
Fort Meade, Building 2813 (Room 1 - Walls)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.1	2.0	25.7	
(MDA =>)	54	401	-	2.3	2.4	33.0	
WI15A	22.9	235.6	1.2	-0.2 ± 0.1	0.1 ± 2.1	-19.2 ± 8.9	GA00263
WI16A	1.6	246.6	1.0	0.4 ± 1.1	-0.7 ± 1.7	-22.6 ± 8.9	GA00264
WI1B	-9.1	135.9	-1.2	0.4 ± 1.1	1.4 ± 2.5	-20.9 ± 9.0	GA00265
WI2B	-9.1	235.6	-0.7	0.4 ± 1.1	-1.9 ± 0.9	-22.1 ± 8.9	GA00266
WI3B	1.6	335.3	-0.6	-0.2 ± 0.1	1.0 ± 2.4	-20.4 ± 8.8	GA00267
WI4B	1.6	224.5	-0.2	5.0 ± 3.4	3.1 ± 3.0	-24.6 ± 8.4	GA00268
WI5B	-9.1	158.0	-0.1	-0.2 ± 0.1	-0.3 ± 1.9	-24.7 ± 8.7	GA00269
WB6B	1.6	124.8	-0.1	-0.2 ± 0.1	-0.3 ± 1.9	-42.0 ± 13.3	GA00270
WB7B	1.6	246.6	-0.3	0.4 ± 1.1	-0.7 ± 1.7	-21.8 ± 10.0	GA00271
WB8B	1.6	246.6	-0.4	-0.2 ± 0.1	0.6 ± 2.2	-29.1 ± 9.1	GA00272
WI9B	12.3	-74.6	-0.6	-0.2 ± 0.1	-1.1 ± 1.5	-36.4 ± 13.0	GA00273
WI10B	-9.1	257.7	-0.4	1.6 ± 2.0	-1.5 ± 1.2	-19.6 ± 9.7	GA00274
WI11B	12.3	36.2	-0.4	-0.2 ± 0.1	-0.7 ± 1.7	-24.7 ± 9.2	GA00275
WI12B	-9.1	346.3	-0.2	-0.2 ± 0.1	-0.7 ± 1.7	-40.0 ± 13.7	GA00276
WI13B	1.6	246.6	0.2	-0.2 ± 0.1	0.1 ± 2.1	-24.3 ± 9.5	GA00277
WI14B	1.6	335.3	0.2	0.4 ± 1.1	-0.3 ± 1.9	-23.4 ± 9.3	GA00278
WI15B	-9.1	158.0	0.2	0.4 ± 1.1	2.2 ± 2.8	-24.1 ± 10.0	GA00279
WI16B	-9.1	257.7	0.1	-0.2 ± 0.1	0.1 ± 2.1	-22.1 ± 9.4	GA00280
WJ1A	-9.1	335.3	0.2	-0.2 ± 0.1	2.7 ± 2.9	-24.7 ± 9.2	GA00281
WJ2A	1.6	335.3	0.4	0.4 ± 1.1	-0.3 ± 1.9	-26.0 ± 9.1	GA00282
WJ3A	1.6	246.6	0.5	0.4 ± 1.1	0.6 ± 2.2	-23.4 ± 9.3	GA00283
WJ4A	1.6	213.4	0.4	-0.2 ± 0.1	-0.7 ± 1.7	-23.4 ± 9.3	GA00284
WJ5A	-9.1	324.2	0.5	0.4 ± 1.1	0.6 ± 2.2	-21.7 ± 9.5	GA00285
WJ1B	1.6	102.6	0.5	-0.2 ± 0.1	3.1 ± 3.0	-22.1 ± 9.4	GA00286
WJ2B	1.6	69.4	0.6	-0.2 ± 0.1	-0.3 ± 1.9	-25.6 ± 10.2	GA00287
WJ3B	1.6	291.0	0.4	-0.2 ± 0.1	-1.5 ± 1.2	-26.8 ± 9.0	GA00288
WJ4B	-9.1	335.3	0.2	-0.2 ± 0.1	0.1 ± 2.1	-21.3 ± 9.5	GA00289
WJ5B	1.6	91.6	0.4	0.4 ± 1.1	3.9 ± 3.2	-23.0 ± 9.6	GA00290
WK1A	1.6	-19.2	0.2	-0.2 ± 0.1	1.0 ± 2.4	-22.1 ± 9.4	GA00291
WK2A	-9.1	-229.7	0.0	-0.2 ± 0.1	0.6 ± 2.2	-24.7 ± 9.2	GA00292
WK3A	12.3	47.3	0.1	-0.2 ± 0.1	-1.9 ± 0.9	-23.0 ± 9.4	GA00293
WK1B	12.3	401.7	0.1	-0.2 ± 0.1	-1.5 ± 1.2	-22.1 ± 9.2	GA00294
WK2B	-9.1	423.9	0.1	-0.2 ± 0.1	0.6 ± 2.2	-24.3 ± 9.2	GA00295
WK3B	1.6	146.9	0.1	0.4 ± 1.1	0.6 ± 2.2	-21.7 ± 9.5	GA00296
WL1A	-9.1	146.9	0.0	-0.2 ± 0.1	0.6 ± 2.2	-23.4 ± 9.3	GA00297
WL2A	-9.1	357.4	-0.1	-0.2 ± 0.1	0.6 ± 2.2	-23.0 ± 9.4	GA00298
WA3A	-9.1	-19.2	0.0	-0.2 ± 0.1	0.6 ± 2.2	-23.4 ± 9.3	GA00299
QA	N/A	N/A	N/A	-0.2 ± 0.1	1.8 ± 2.6	-23.0 ± 9.4	GA00300
WL4A	12.3	-130.0	-0.1	-0.2 ± 0.1	-0.3 ± 1.9	-27.2 ± 9.0	GA00301
WL1B	22.9	3.0	0.2	-0.2 ± 0.1	3.5 ± 3.1	-24.7 ± 9.2	GA00302
WL2B	-9.1	-307.2	0.1	1.0 ± 1.6	1.4 ± 2.5	-25.5 ± 9.1	GA00303
WL3B	12.3	-19.2	0.0	-0.2 ± 0.1	0.6 ± 2.2	-19.6 ± 9.7	GA00304
WL4B	1.6	80.5	-0.2	-0.2 ± 0.1	-1.1 ± 1.5	-24.8 ± 9.4	GA00305

GRAPHICAL ILLUSTRATION



BUILDING T-2813 ROOM 2, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 9 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

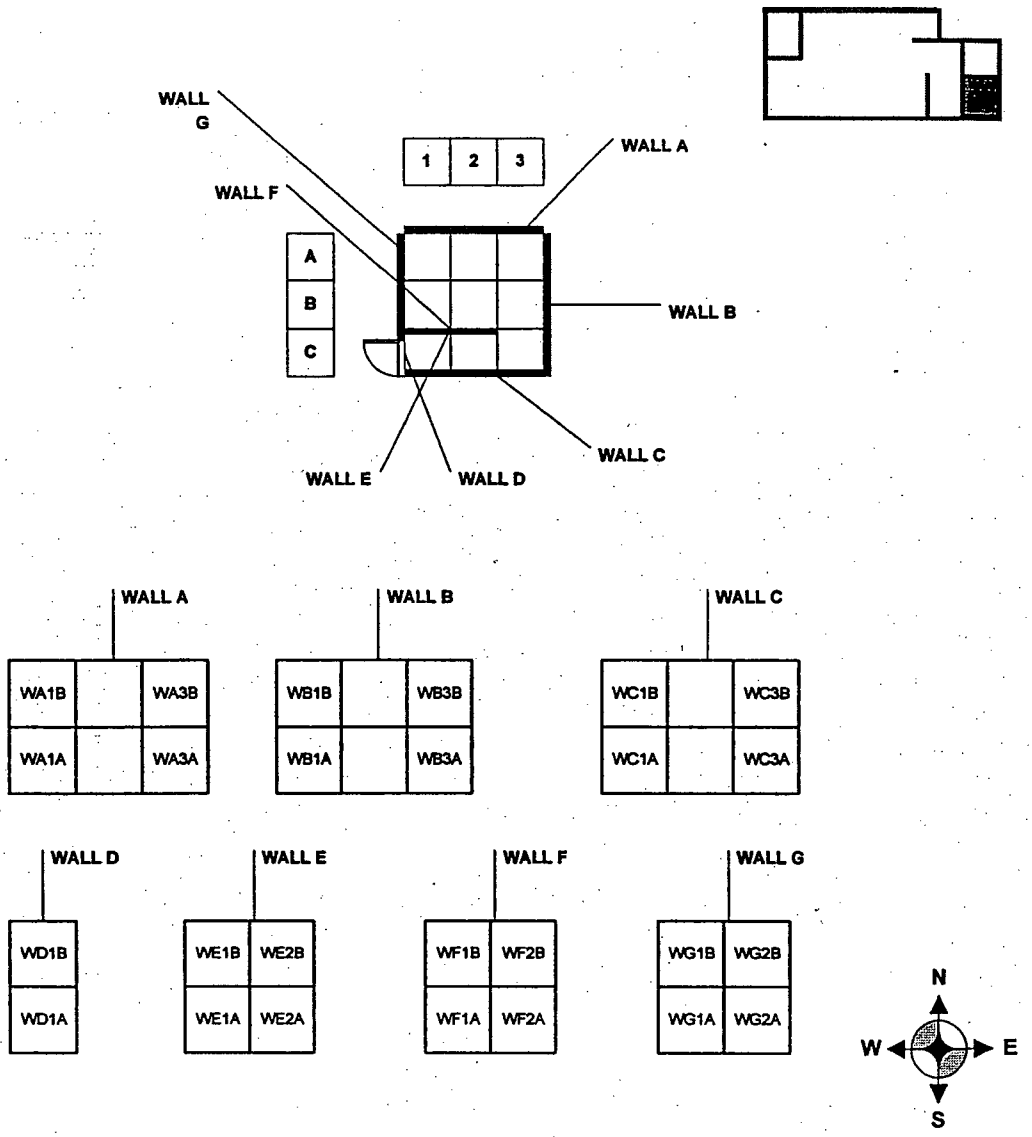
GRAPHICAL ILLUSTRATION



BUILDING T-2813 RESTROOM 1, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD	DATE: 9 SEPT 97
	DRAWN: JKD
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE UNITED STATES ARMY MEDICAL DEPARTMENT	APPROVED: HE
	SCALE: NTS
	PLATE: N/A

Fort Meade, Building 2813 (Room 2)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.4	12.3	
(MDA =>)	54	401	-	2.2	2.5	21.9	
FA1	1.6	202.3	-1.1	-0.2 ± 0.1	-0.7 ± 1.7	-21.8 ± 10.2	GA00306
FA2	-9.1	224.5	-0.6	-0.2 ± 0.1	0.1 ± 2.1	-29.3 ± 9.9	GA00307
FA3	-9.1	257.7	-0.4	-0.2 ± 0.1	0.6 ± 2.2	-22.3 ± 10.5	GA00308
FB1	1.6	224.5	-0.4	0.4 ± 1.1	0.6 ± 2.2	-25.3 ± 9.7	GA00309
FB2	1.6	291.0	-0.3	-0.2 ± 0.1	-0.7 ± 1.7	-24.0 ± 9.8	GA00310
FB3	1.6	268.8	-0.3	-0.2 ± 0.1	-0.3 ± 1.9	-0.4 ± 3.0	GA00311
FC1	-9.1	434.9	-0.2	0.4 ± 1.1	-1.1 ± 1.5	-28.3 ± 9.1	GA00312
FC2	1.6	235.6	-0.2	-0.2 ± 0.1	0.6 ± 2.2	-25.9 ± 9.9	GA00313
FC3	1.6	302.0	-0.1	-0.2 ± 0.1	-1.1 ± 1.5	-20.9 ± 10.3	GA00314
FD1	-9.1	368.5	-0.1	-0.2 ± 0.1	1.0 ± 2.4	-26.5 ± 9.3	GA00315
FD2	12.3	390.6	0.0	-0.2 ± 0.1	-1.1 ± 1.5	-22.3 ± 10.2	GA00316
FD3	12.3	124.8	-0.1	-0.2 ± 0.1	-0.7 ± 1.7	-21.8 ± 9.2	GA00317
WA1A	-9.1	401.7	-0.1	-0.2 ± 0.1	0.1 ± 2.1	-20.4 ± 8.4	GA00318
WA2A	-9.1	335.3	0.1	0.4 ± 1.1	0.6 ± 2.2	-17.9 ± 8.6	GA00319
WA3A	12.3	91.6	0.0	0.0 ± 0.1	0.1 ± 2.7	-17.1 ± 8.7	GA00320
WA1B	22.9	357.4	0.0	0.0 ± 0.1	-1.0 ± 2.2	-20.0 ± 8.4	GA00321
WA2B	1.6	313.1	0.0	0.0 ± 0.1	-0.4 ± 2.5	-23.0 ± 10.2	GA00322
WA3B	12.3	135.9	0.1	0.0 ± 0.1	-0.4 ± 2.5	-19.2 ± 8.5	GA00323
WB1A	1.6	346.3	0.2	0.0 ± 0.1	-0.4 ± 2.5	-14.2 ± 8.9	GA00324
WB2A	-9.1	291.0	0.1	0.0 ± 0.1	-2.6 ± 1.2	-17.9 ± 8.6	GA00325
WB3A	1.6	257.7	0.1	0.7 ± 1.5	0.1 ± 2.7	-16.2 ± 9.0	GA00326
WB4A	-9.1	191.3	0.2	0.7 ± 1.5	0.7 ± 2.9	-20.8 ± 8.3	GA00327
WB1B	-9.1	158.0	0.1	0.0 ± 0.1	-1.0 ± 2.2	-17.5 ± 8.6	GA00328
WB2B	1.6	302.0	-0.1	0.0 ± 0.1	2.3 ± 3.4	-16.3 ± 8.8	GA00329
WB3B	-9.1	113.7	-0.2	0.7 ± 1.5	2.8 ± 3.6	-22.5 ± 8.2	GA00330
WB4B	1.6	58.3	-0.3	0.0 ± 0.1	-1.0 ± 2.2	-16.2 ± 9.0	GA00331
WC1A	-9.1	135.9	-0.1	0.0 ± 0.1	0.7 ± 2.9	-15.8 ± 8.8	GA00332
WC2A	1.6	102.6	0.1	0.0 ± 0.1	1.2 ± 3.1	-12.5 ± 9.1	GA00333
WC3A	-9.1	69.4	0.2	0.7 ± 1.5	-0.4 ± 2.5	-17.4 ± 8.9	GA00334
WC1B	-9.1	102.6	0.1	0.0 ± 0.1	-0.4 ± 2.5	-20.8 ± 8.3	GA00335
WC2B	-9.1	-52.4	-0.1	0.7 ± 1.5	1.2 ± 3.1	-19.1 ± 8.7	GA00336
WC3B	1.6	102.6	-0.1	0.0 ± 0.1	-1.5 ± 1.9	-23.4 ± 8.3	GA00337
WD1A	-9.1	158.0	-0.2	0.0 ± 0.1	1.2 ± 3.1	-13.3 ± 9.0	GA00338
WD2A	-9.1	113.7	-0.1	0.0 ± 0.1	0.1 ± 2.7	-19.6 ± 8.4	GA00339
WD3A	12.3	58.3	0.0	0.0 ± 0.1	-0.4 ± 2.5	-20.4 ± 8.6	GA00340
WD4A	1.6	313.1	-0.1	0.0 ± 0.1	-1.5 ± 1.9	-24.3 ± 8.2	GA00341
WD1B	33.6	180.2	-0.1	0.0 ± 0.1	0.1 ± 2.7	-15.7 ± 9.0	GA00342
WD2B	-9.1	235.6	-0.3	0.0 ± 0.1	-1.5 ± 1.9	-12.9 ± 9.1	GA00343
WD3B	1.6	-74.6	-0.3	0.0 ± 0.1	-0.4 ± 2.5	-26.4 ± 8.7	GA00344
WD4B	-9.1	14.0	-0.3	0.0 ± 0.1	-1.0 ± 2.2	-14.5 ± 9.1	GA00345

GRAPHICAL ILLUSTRATION



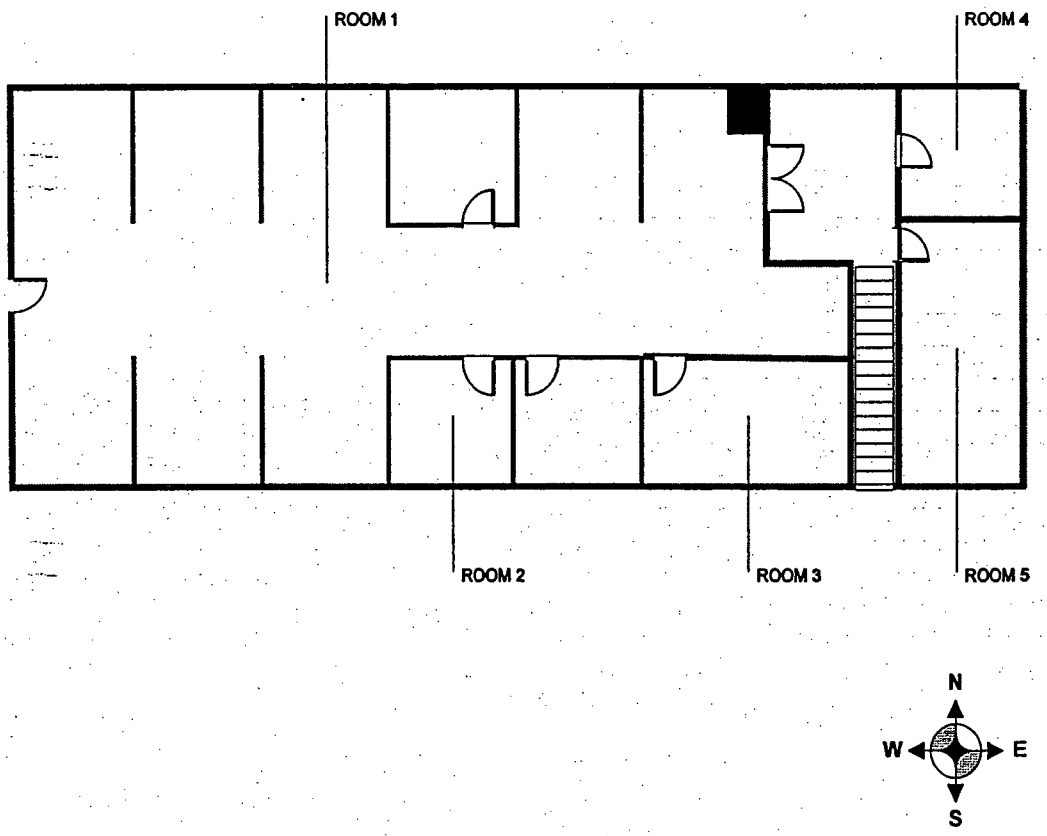
BUILDING T-2813 FIRST FLOOR, DENTAL RESEARCH CLINIC,
FORT GEORGE G. MEADE, MD

U.S. ARMY CENTER FOR HEALTH PROMOTION
AND PREVENTIVE MEDICINE
UNITED STATES ARMY MEDICAL DEPARTMENT

DATE:	9 SEPT 97
DRAWN:	JKD
APPROVED:	HE
SCALE:	NTS
PLATE:	N/A

Fort Meade, Building 2813 (Restroom 1)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.4	27.5	
(MDA =>)	54	401	-	2.2	2.5	27.3	
FA1	1.6	224.5	-1.1	0.0 ± 0.1	0.1 ± 2.7	-12.7 ± 10.0	GA00346
FA2	-9.1	368.5	-1.2	0.0 ± 0.1	-0.4 ± 2.5	-21.4 ± 9.2	GA00347
FA3	-9.1	235.6	-1.2	0.0 ± 0.1	1.2 ± 3.1	-24.1 ± 8.9	GA00348
FA4	1.6	113.7	-1.4	0.0 ± 0.1	-0.4 ± 2.5	-23.3 ± 9.6	GA00349
QA	N/A	N/A	N/A	0.0 ± 0.1	-0.4 ± 2.5	-19.6 ± 8.7	GA00350
FB1	1.6	191.3	-1.5	0.0 ± 0.1	-0.4 ± 2.5	-23.8 ± 13.2	GA00351
FB2	-9.1	302.0	-1.4	0.0 ± 0.1	-1.0 ± 2.2	-22.9 ± 9.6	GA00352
FB3	1.6	324.2	-1.2	0.0 ± 0.1	-2.6 ± 1.2	-20.5 ± 9.3	GA00353
FB4	1.6	291.0	-1.2	0.0 ± 0.1	0.7 ± 2.9	-16.5 ± 9.2	GA00354
WA1A	-9.1	158.0	-1.3	0.0 ± 0.1	3.9 ± 3.9	-15.2 ± 9.3	GA00355
WA2A	12.3	-8.1	-1.4	0.0 ± 0.1	-0.4 ± 2.5	-18.7 ± 8.7	GA00356
WA3A	12.3	14.0	-1.5	1.5 ± 2.2	-0.4 ± 2.5	-17.0 ± 8.9	GA00357
WA4A	-9.1	36.2	-1.6	0.0 ± 0.1	0.1 ± 2.7	-14.9 ± 9.1	GA00358
WA1B	-9.1	-85.7	-1.6	0.7 ± 1.5	-1.0 ± 2.2	-18.3 ± 8.8	GA00359
WA2B	12.3	335.3	-1.6	0.0 ± 0.1	1.7 ± 3.3	-15.8 ± 8.8	GA00360
WA3B	22.9	69.4	-1.7	0.0 ± 0.1	-2.1 ± 1.6	-16.7 ± 8.7	GA00361
WA4B	1.6	47.3	-1.5	0.0 ± 0.1	-0.4 ± 2.5	-15.7 ± 8.1	GA00362
WB1A	12.3	268.8	-1.5	0.0 ± 0.1	1.2 ± 3.1	-13.2 ± 8.4	GA00363
WB2A	1.6	146.9	-1.5	0.7 ± 1.5	0.1 ± 2.7	-10.6 ± 8.6	GA00364
WB1B	-9.1	235.6	-1.2	0.0 ± 0.1	0.7 ± 2.9	-27.1 ± 12.0	GA00365
WB2B	1.6	335.3	-1.1	0.0 ± 0.1	-0.4 ± 2.5	-16.9 ± 8.4	GA00366
WC1A	-9.1	180.2	-1.2	0.4 ± 1.1	-0.3 ± 1.9	-14.5 ± 8.3	GA00367
WC2A	-9.1	-52.4	-1.4	-0.2 ± 0.1	-0.7 ± 1.7	-8.3 ± 9.1	GA00368
WC3A	1.6	135.9	-1.4	-0.2 ± 0.1	0.1 ± 2.1	-10.0 ± 8.9	GA00369
WC4A	-9.1	-8.1	-1.6	0.4 ± 1.1	-0.7 ± 1.7	-10.4 ± 8.9	GA00370
WC1B	1.6	91.6	-1.6	-0.2 ± 0.1	-1.5 ± 1.2	-17.3 ± 8.4	GA00371
WC2B	-9.1	80.5	-1.6	-0.2 ± 0.1	-1.5 ± 1.2	-12.6 ± 9.3	GA00372
WC3B	1.6	80.5	-1.5	0.4 ± 1.1	0.6 ± 2.2	-15.2 ± 8.4	GA00373
WC4B	-9.1	69.4	-1.5	0.4 ± 1.1	1.0 ± 2.4	-12.5 ± 8.2	GA00374
WD1A	-9.1	556.8	-1.6	1.0 ± 1.6	-1.1 ± 1.5	-14.0 ± 8.3	GA00375
WD2A	-9.1	58.3	-1.5	0.4 ± 1.1	1.8 ± 2.6	-14.0 ± 8.3	GA00376
WD1B	1.6	180.2	-1.5	-0.2 ± 0.1	-0.3 ± 1.9	-16.9 ± 8.4	GA00377
WD2B	-9.1	124.8	-1.7	-0.2 ± 0.1	-1.1 ± 1.5	-15.3 ± 8.2	GA00378

GRAPHICAL ILLUSTRATION



BUILDING T-2813 SECOND FLOOR, DENTAL RESEARCH CLINIC, FORT GEORGE G. MEADE, MD

U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE
UNITED STATES ARMY MEDICAL DEPARTMENT

DATE:	9 SEPT 97
DRAWN:	JKD
APPROVED:	HE
SCALE:	NTS
PLATE:	N/A

Fort Meade, Building 2813 (Restroom 2)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.1	2.0	27.5	
(MDA =>)	54	401	-	2.4	2.4	21.4	
FA1	-9.1	346.3	-0.8	0.4 ± 1.1	-0.3 ± 1.9	-15.7 ± 8.1	GA00379
FA2	-9.1	146.9	-0.9	-0.2 ± 0.1	0.6 ± 2.2	-17.9 ± 7.9	GA00380
FA3	1.6	379.6	-0.9	0.4 ± 1.1	0.6 ± 2.2	-16.9 ± 8.4	GA00381
FB1	-9.1	124.8	-1.0	1.0 ± 1.6	0.6 ± 2.2	-13.2 ± 9.0	GA00382
FB2	-9.1	69.4	-0.9	0.4 ± 1.1	-1.1 ± 1.5	-16.1 ± 8.3	GA00383
FB3	-9.1	401.7	-0.9	0.4 ± 1.1	-1.1 ± 1.5	-17.3 ± 8.4	GA00384
FC1	1.6	213.4	-0.9	-0.2 ± 0.1	0.1 ± 2.1	-13.8 ± 8.8	GA00385
FC2	-9.1	324.2	-0.7	0.4 ± 1.1	-1.1 ± 1.5	-18.2 ± 8.5	GA00386
FC3	1.6	202.3	-0.7	-0.2 ± 0.1	1.4 ± 2.5	-19.1 ± 8.7	GA00387
WA1A	-9.1	146.9	-0.9	-0.2 ± 0.1	-1.5 ± 1.2	-11.1 ± 8.6	GA00388
WA2A	1.6	69.4	-0.9	-0.2 ± 0.1	0.6 ± 2.2	-15.3 ± 8.2	GA00389
WA3A	1.6	91.6	-1.0	0.4 ± 1.1	-1.1 ± 1.5	-11.9 ± 8.5	GA00390
WA1B	-9.1	158.0	-1.1	-0.2 ± 0.1	-1.1 ± 1.5	-16.6 ± 8.0	GA00391
WA2B	-9.1	47.3	-1.3	0.4 ± 1.1	-0.3 ± 1.9	-16.2 ± 8.1	GA00392
WA3B	-9.1	14.0	-1.3	-0.2 ± 0.1	0.6 ± 2.2	-15.7 ± 8.1	GA00393
WB1A	-9.1	91.6	-1.1	-0.2 ± 0.1	-0.3 ± 1.9	-17.4 ± 8.2	GA00394
WB2A	-9.1	202.3	-1.0	-0.2 ± 0.1	0.1 ± 2.1	-18.7 ± 7.8	GA00395
WB3A	-9.1	268.8	-0.9	-0.2 ± 0.1	-1.1 ± 1.5	-11.9 ± 8.5	GA00396
WB1B	-9.1	135.9	-0.8	-0.2 ± 0.1	-0.7 ± 1.7	-9.8 ± 8.7	GA00397
WB2B	-9.1	135.9	-0.8	-0.2 ± 0.1	-0.7 ± 1.7	-17.0 ± 8.0	GA00398
WB3B	1.6	69.4	-0.8	0.4 ± 1.1	0.6 ± 2.2	-15.0 ± 8.0	GA00399
QA	N/A	N/A	N/A	-0.2 ± 0.1	2.7 ± 2.9	-15.3 ± 8.2	GA00400
WC1A	-9.1	180.2	-1.1	-0.2 ± 0.1	1.4 ± 2.5	-14.0 ± 8.3	GA00401
WC2A	12.3	3.0	-1.1	-0.2 ± 0.1	-0.3 ± 1.9	-15.5 ± 8.8	GA00402
WC3A	1.6	69.4	-1.1	0.4 ± 1.1	-1.5 ± 1.2	-17.8 ± 8.1	GA00403
WC1B	-9.1	379.6	-1.0	-0.2 ± 0.2	7.3 ± 4.6	-11.5 ± 8.5	GA00404
WC2B	-9.1	279.9	-0.9	-0.2 ± 0.2	2.9 ± 3.4	-17.4 ± 10.3	GA00405
WC3B	-9.1	69.4	-0.9	-0.2 ± 0.2	3.5 ± 3.6	-12.9 ± 8.8	GA00406
WD1A	-9.1	-30.3	-1.0	2.2 ± 2.6	2.4 ± 3.3	-21.0 ± 9.6	GA00407
WD1B	-9.1	58.3	-0.9	0.6 ± 1.5	1.3 ± 2.9	-17.7 ± 9.4	GA00408
WE1A	-9.1	158.0	-1.1	0.6 ± 1.5	0.7 ± 2.7	-19.1 ± 8.3	GA00409
WE2A	-9.1	91.6	-1.2	-0.2 ± 0.2	1.8 ± 3.1	-12.8 ± 8.9	GA00410
WE1B	1.6	135.9	-1.0	-0.2 ± 0.2	1.3 ± 2.9	-20.4 ± 8.4	GA00411
WE2B	-9.1	346.3	-0.9	-0.2 ± 0.2	5.7 ± 4.2	-15.3 ± 8.7	GA00412
WF1A	-9.1	180.2	-0.9	-0.2 ± 0.2	0.2 ± 2.4	-10.2 ± 9.1	GA00413
WF2A	1.6	-141.0	-1.0	-0.2 ± 0.2	2.4 ± 3.3	-14.0 ± 8.8	GA00414
WF1B	12.3	158.0	-0.9	-0.2 ± 0.2	4.6 ± 3.9	-14.5 ± 8.7	GA00415
WF2B	-9.1	124.8	-1.0	-0.2 ± 0.2	-0.4 ± 2.2	-14.5 ± 8.7	GA00416
WG1A	-9.1	80.5	-1.0	-0.2 ± 0.2	0.7 ± 2.7	-17.0 ± 8.5	GA00417
WG2A	1.6	191.3	-1.1	0.6 ± 1.5	2.9 ± 3.4	-15.4 ± 8.4	GA00418
WG1B	1.6	25.1	-1.3	0.6 ± 1.5	-0.4 ± 2.2	-16.2 ± 8.6	GA00419
WG2B	-9.1	69.4	-1.4	-0.2 ± 0.2	0.7 ± 2.7	-18.7 ± 8.3	GA00420

Fort Meade, Building 2813 (Rm 1 - Counters/Drawers)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.0	2.1	26.7	
(MDA =>)	54	401	-	2.3	2.5	25.6	
RCNTR1	-9.1	180.2	-1.1	0.0 ± 0.1	0.7 ± 2.9	-17.7 ± 9.5	GA00482
RCNTR1S	-9.1	213.4	-1.1	0.7 ± 1.5	1.2 ± 3.1	-22.9 ± 9.5	GA00483
RCNTR2	22.9	224.5	-1.2	0.0 ± 0.1	-0.4 ± 2.5	-18.7 ± 8.9	GA00484
RCNTR2	12.3	-41.3	-1.1	0.0 ± 0.1	2.3 ± 3.4	-24.2 ± 9.1	GA00485
RCNTR3	1.6	113.7	-0.8	0.0 ± 0.1	0.7 ± 2.9	-17.0 ± 10.6	GA00486
RCNTR3S	1.6	268.8	-0.8	0.0 ± 0.1	-1.5 ± 1.9	-21.0 ± 10.3	GA00487
RWSINK	1.6	268.8	-0.9	0.0 ± 0.1	0.1 ± 2.7	-19.6 ± 9.1	GA00488
RCNTR4	-9.1	180.2	-0.3	0.0 ± 0.1	-1.5 ± 1.9	-14.8 ± 9.3	GA00489
RCNTR4S	1.6	246.6	-0.6	0.0 ± 0.1	0.1 ± 2.7	-22.0 ± 9.9	GA00490
RCNTR4R	-9.1	180.2	-0.6	0.0 ± 0.1	0.7 ± 2.9	-20.0 ± 9.5	GA00491
RD1	-9.1	202.3	-0.3	0.0 ± 0.1	-1.0 ± 2.2	-22.3 ± 9.0	GA00492
RD2	-9.1	80.5	-0.3	0.0 ± 0.1	1.2 ± 3.1	-17.4 ± 9.0	GA00493
RD3	-9.1	423.9	-0.2	0.0 ± 0.1	-0.4 ± 2.5	-17.9 ± 11.2	GA00494
RD4	-9.1	202.3	-0.6	0.0 ± 0.1	-2.1 ± 1.6	-22.3 ± 9.0	GA00495
RD5	-9.1	-30.3	-0.9	0.0 ± 0.1	-1.5 ± 1.9	-20.0 ± 9.3	GA00496
RD6	-9.1	124.8	-0.6	0.0 ± 0.1	1.7 ± 3.3	-23.8 ± 11.5	GA00497
RD7	-9.1	135.9	-0.8	0.0 ± 0.1	1.2 ± 3.1	-27.0 ± 10.2	GA00498
RD8	12.3	14.0	-1.0	1.0 ± 1.6	1.4 ± 2.5	-30.3 ± 11.7	GA00499
QA	N/A	N/A	N/A	-0.2 ± 0.1	-1.5 ± 1.2	-20.0 ± 8.1	GA00500
RD9	-9.1	-30.3	-0.5	-0.1 ± 0.1	1.1 ± 2.9	-20.0 ± 9.6	GA00501
RD10	-9.1	146.9	-0.7	0.7 ± 1.5	2.7 ± 3.4	-21.9 ± 8.9	GA00502
RD11	-9.1	291.0	-0.8	-0.1 ± 0.1	1.1 ± 2.9	-20.0 ± 9.9	GA00503
RD12	1.6	47.3	-0.8	-0.1 ± 0.1	-0.5 ± 2.2	-16.4 ± 8.9	GA00504
RD13	1.6	14.0	-0.6	-0.1 ± 0.1	1.6 ± 3.1	-20.5 ± 8.5	GA00505
RD14	-9.1	113.7	-0.6	-0.1 ± 0.1	1.1 ± 2.9	-22.0 ± 9.4	GA00506
RD15	1.6	102.6	-0.4	0.7 ± 1.5	3.8 ± 3.7	-23.3 ± 8.4	GA00507
RPIPE	-9.1	257.7	-0.7	-0.1 ± 0.1	-0.5 ± 2.2	-22.3 ± 11.0	GA00508

Fort Meade, Building 2813 (Randoms Above Two Meters)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.2	2.6	30.0	
(MDA =>)	54	401	-	2.4	2.4	31.4	
RCFB2	1.6	379.6	-0.4	-0.2 ± 0.2	-0.9 ± 1.9	-18.7 ± 8.3	GA00421
RWC2B	1.6	224.5	-0.8	-0.2 ± 0.2	0.7 ± 2.7	-17.0 ± 8.5	GA00422
RWB4A	-9.1	113.7	-0.8	-0.2 ± 0.2	1.3 ± 2.9	-15.3 ± 8.7	GA00423
RWK2A	-9.1	291.0	0.3	0.6 ± 1.5	1.3 ± 2.9	-18.3 ± 8.4	GA00424
RWJ5B	1.6	213.4	-0.2	-0.2 ± 0.2	1.3 ± 2.9	-14.5 ± 8.7	GA00425
RWJ1B	1.6	191.3	0.3	-0.2 ± 0.2	2.9 ± 3.4	-15.7 ± 8.6	GA00426
RCFI1	1.6	534.6	0.4	1.4 ± 2.2	2.9 ± 3.4	-20.9 ± 8.1	GA00427
RWI12B	-9.1	313.1	-0.2	-0.2 ± 0.2	1.8 ± 3.1	-17.3 ± 8.9	GA00428
RCFC4	1.6	357.4	0.4	-0.2 ± 0.2	0.7 ± 2.7	-17.9 ± 8.4	GA00429
RWL4A	1.6	357.4	-0.5	-0.2 ± 0.2	-0.4 ± 2.2	-15.7 ± 8.6	GA00430
RWFB8	-9.1	623.3	-0.7	-0.2 ± 0.2	0.7 ± 2.7	-17.0 ± 8.5	GA00431
RWFB9	-9.1	191.3	-0.8	-0.2 ± 0.2	-1.4 ± 1.6	-13.6 ± 8.8	GA00432
RWA7A	-9.1	235.6	-1.2	0.6 ± 1.5	1.3 ± 2.9	-38.5 ± 13.9	GA00433
RCFE9	-9.1	224.5	-1.2	-0.2 ± 0.2	0.2 ± 2.4	-17.4 ± 8.5	GA00434
RCFC9	-9.1	279.9	-0.8	0.6 ± 1.5	1.3 ± 2.9	-15.3 ± 8.7	GA00435
RCFI11	12.3	368.5	-0.5	-0.2 ± 0.2	0.2 ± 2.4	-18.3 ± 8.4	GA00436
RWI1A	1.6	291.0	0.0	-0.2 ± 0.2	1.8 ± 3.1	-14.5 ± 8.7	GA00437
RWH2A	-9.1	268.8	0.0	-0.2 ± 0.2	0.2 ± 2.4	-14.0 ± 8.8	GA00438
RWFA11	1.6	291.0	-0.7	-0.2 ± 0.2	0.2 ± 2.4	-18.3 ± 8.4	GA00439
RCFC15	-9.1	457.1	-0.9	-0.2 ± 0.2	2.4 ± 3.3	-14.9 ± 8.7	GA00440
RCFE17	1.6	191.3	-0.7	1.4 ± 2.2	1.3 ± 2.9	-17.5 ± 8.2	GA00441
RWF4A	1.6	180.2	-0.5	0.6 ± 1.5	0.7 ± 2.7	-17.2 ± 9.4	GA00442
RCFH20	-9.1	556.8	-1.1	1.4 ± 2.2	-0.4 ± 2.2	-15.7 ± 8.6	GA00443
RCFF20	-9.1	224.5	-0.9	-0.2 ± 0.2	0.7 ± 2.7	-17.4 ± 8.7	GA00444
RCFB16	1.6	257.7	-0.5	-0.2 ± 0.2	0.2 ± 2.4	-18.3 ± 8.4	GA00445
RCFB2	1.6	368.5	-1.5	-0.2 ± 0.2	1.3 ± 2.9	-14.5 ± 8.7	GA00446
RWF1B	-9.1	69.4	-1.2	-0.2 ± 0.2	-0.4 ± 2.2	-17.0 ± 8.5	GA00447
RWF2B	1.6	235.6	-1.3	-0.2 ± 0.2	0.2 ± 2.4	-19.6 ± 8.3	GA00448
RWG2A	12.3	191.3	-1.2	-0.2 ± 0.2	-0.4 ± 2.2	-16.2 ± 8.6	GA00449
QA	N/A	N/A	N/A	-0.2 ± 0.2	1.3 ± 2.9	475.9 ± 30.7	GA00450
RWB1B	-9.1	25.1	-1.2	-0.2 ± 0.2	1.8 ± 3.1	-16.5 ± 8.8	GA00451

Fort Meade, Building 2805 (Random Above Two Meters)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.2	3.1	24.9	
(MDA =>)	54	401	-	2.4	2.4	20.1	
RCB4	12.3	922.3	-1.4	-0.2 ± 0.2	-1.9 ± 1.6	-10.4 ± 8.0	GA01666
RCE3	1.6	1243.5	-1.0	-0.2 ± 0.2	-1.9 ± 1.6	-14.3 ± 8.9	GA01667
RCG3	22.9	999.8	-0.8	-0.2 ± 0.2	-1.4 ± 1.9	-12.1 ± 7.9	GA01668
RWB5C	-9.1	25.1	-0.8	-0.2 ± 0.2	-0.8 ± 2.2	-14.6 ± 7.6	GA01669
RWB7C	-9.1	-96.7	-0.9	-0.2 ± 0.2	-0.8 ± 2.2	-14.5 ± 7.8	GA01670
RCB1	22.9	1332.2	-1.0	-0.2 ± 0.2	1.9 ± 3.3	-15.5 ± 9.3	GA01671
RWD4C	12.3	135.9	-1.0	-0.2 ± 0.2	0.8 ± 2.9	-16.2 ± 7.6	GA01672
RCB5	12.3	1343.2	-1.2	-0.2 ± 0.2	-0.3 ± 2.5	-14.9 ± 7.8	GA01673
RCB5	1.6	1055.2	-1.2	-0.2 ± 0.2	0.3 ± 2.7	-12.3 ± 8.0	GA01674
RCC3	12.3	102.6	-1.4	1.4 ± 2.2	-1.4 ± 1.9	-21.5 ± 9.0	GA01675
RCD2	1.6	1221.4	-1.5	-0.2 ± 0.2	-0.8 ± 2.2	-14.0 ± 7.9	GA01676
RCA3	1.6	955.5	-1.7	-0.2 ± 0.2	-0.8 ± 2.2	-9.0 ± 8.0	GA01677
RCD1	1.6	1221.4	-1.7	-0.2 ± 0.2	0.3 ± 2.7	-8.9 ± 8.4	GA01678
RWB1C	1.6	457.1	-2.0	-0.2 ± 0.2	-0.3 ± 2.5	-9.4 ± 8.0	GA01679
RWC2C	1.6	224.5	-2.2	-0.2 ± 0.2	-0.8 ± 2.2	-13.9 ± 8.1	GA01680
RWD3C	1.6	235.6	-1.8	-0.2 ± 0.2	-0.8 ± 2.2	-10.4 ± 8.0	GA01681
RWA4C	-9.1	246.6	-1.9	0.6 ± 1.5	0.8 ± 2.9	-11.4 ± 8.8	GA01682
RWB3C	33.6	113.7	-2.0	-0.2 ± 0.2	1.4 ± 3.1	-8.3 ± 8.2	GA01683
RWD2C	-9.1	1442.9	-1.9	-0.2 ± 0.2	-0.3 ± 2.5	-17.6 ± 8.9	GA01684
RWA2C	-9.1	246.6	-1.9	-0.2 ± 0.2	1.9 ± 3.3	-7.7 ± 8.5	GA01685
RCB4	-9.1	988.8	-1.6	-0.2 ± 0.2	1.4 ± 3.1	-9.6 ± 8.1	GA01686
RWB2C	12.3	-19.2	-1.5	-0.2 ± 0.2	0.8 ± 2.9	-11.9 ± 8.1	GA01687
RCC1	-9.1	-63.5	-1.2	-0.2 ± 0.2	-1.4 ± 1.9	-10.4 ± 8.0	GA01688
RWD2C	-9.1	124.8	-0.9	0.6 ± 1.5	-1.9 ± 1.6	-15.5 ± 7.3	GA01689
RCB12	1.6	667.5	-1.2	-0.2 ± 0.2	-1.4 ± 1.9	-10.8 ± 8.0	GA01690
RCC16	1.6	988.8	-1.2	-0.2 ± 0.2	0.8 ± 2.9	-13.2 ± 8.0	GA01691
RWA2C	-9.1	124.8	-1.3	-0.2 ± 0.2	1.4 ± 3.1	-15.0 ± 7.8	GA01692
RWD2C	1.6	124.8	-1.3	-0.2 ± 0.2	0.8 ± 2.9	-14.9 ± 8.0	GA01693
RWK9C	12.3	-30.3	-1.5	0.6 ± 1.5	-0.8 ± 2.2	-13.8 ± 8.0	GA01694
RWK15C	1.6	235.6	-1.4	-0.2 ± 0.2	-0.8 ± 2.2	-10.0 ± 8.3	GA01695
QA	N/A	N/A	N/A	-0.2 ± 0.2	3.0 ± 3.6	-13.0 ± 9.1	GA01696

Fort Meade, Building 2802 (Random Above Two Meters)							
Location Code	Monitoring			Wipe Test			Wipe Number
	Alpha	Beta	Gamma	Alpha	Beta	LS	
(Units =>)	dpm/100cm^2	dpm/100cm^2	uR/hr	dpm/100cm^2 +/- 2 sigma			
(Bkgd =>)	1.7	149.47	5.00	0.1	2.0	24.9	
(MDA =>)	54	401	-	2.4	2.4	21.9	
RCA5	1.6	313.1	-1.6	0.3 ± 1.1	1.4 ± 2.4	-25.1 ± 9.9	GA01635
RCB4	1.6	25.1	-0.9	-0.3 ± 0.2	-0.7 ± 1.5	-25.1 ± 8.9	GA01636
RCD4	1.6	279.9	-0.6	-0.3 ± 0.2	0.9 ± 2.2	-22.9 ± 8.8	GA01637
RCD6	-9.1	512.5	-0.8	-0.3 ± 0.2	-0.3 ± 1.7	-22.5 ± 8.9	GA01638
RWA1C	-9.1	-118.9	-0.8	-0.3 ± 0.2	-0.7 ± 1.5	-22.9 ± 8.8	GA01639
RWB3C	1.6	47.3	-0.8	-0.3 ± 0.2	0.1 ± 1.9	-22.1 ± 9.1	GA01640
RWC7C	1.6	302.0	-1.1	-0.3 ± 0.2	0.1 ± 1.9	-26.7 ± 10.1	GA01641
RWC4C	1.6	-63.5	-1.4	-0.3 ± 0.2	-0.7 ± 1.5	-22.9 ± 8.6	GA01642
RWC5C	-9.1	-207.5	-1.7	0.3 ± 1.1	0.9 ± 2.2	-21.8 ± 9.9	GA01643
RWC1C	1.6	-74.6	-1.6	-0.3 ± 0.2	2.6 ± 2.8	-22.4 ± 8.7	GA01644
RCB3	-9.1	113.7	-1.0	-0.3 ± 0.2	1.4 ± 2.4	-20.8 ± 9.0	GA01645
RWB1C	-9.1	25.1	-0.9	-0.3 ± 0.2	-0.7 ± 1.5	-23.8 ± 8.8	GA01646
RWC3C	1.6	-52.4	-1.2	-0.3 ± 0.2	-0.3 ± 1.7	-12.9 ± 7.8	GA01647
RWD4C	10.1	25.1	-0.9	-0.3 ± 0.2	0.9 ± 2.2	-10.8 ± 8.0	GA01648
QA	N/A	N/A	N/A	-0.3 ± 0.2	-0.3 ± 1.7	-10.4 ± 8.0	GA01649
RWA3C	-9.1	-107.8	-1.1	-0.3 ± 0.2	-1.2 ± 1.2	-13.3 ± 7.7	GA01650
RCB1	-9.1	213.4	-1.1	0.3 ± 1.1	0.5 ± 2.1	-15.9 ± 8.3	GA01651
RCC3	-9.1	556.8	-0.9	-0.3 ± 0.2	0.9 ± 2.2	-10.2 ± 8.3	GA01652
RCD2	-9.1	778.3	-0.7	0.3 ± 1.1	-0.3 ± 1.7	-12.1 ± 7.9	GA01653
RCB4	-9.1	601.1	-0.9	-0.3 ± 0.2	0.9 ± 2.2	-15.4 ± 7.5	GA01654
RCE4	22.9	1276.8	-1.1	-0.3 ± 0.2	1.4 ± 2.4	-14.5 ± 7.8	GA01655
RWA3C	1.6	146.9	-1.7	-0.3 ± 0.2	0.1 ± 1.9	-14.7 ± 7.4	GA01656
RWC1C	-9.1	468.2	-1.6	-0.3 ± 0.2	1.4 ± 2.4	-8.3 ± 8.2	GA01657
RWE5C	-9.1	102.6	-1.5	-0.3 ± 0.2	3.5 ± 3.0	-10.0 ± 8.1	GA01658
RWE3C	22.9	-74.6	-1.4	-0.3 ± 0.2	-0.7 ± 1.5	-9.8 ± 8.3	GA01659
RWF1C	22.9	-152.1	-1.1	-0.3 ± 0.2	0.5 ± 2.1	-10.0 ± 8.1	GA01660
RWF2C	1.6	235.6	-1.3	-0.3 ± 0.2	1.4 ± 2.4	-8.9 ± 8.4	GA01661
RWG4C	-9.1	-30.3	-1.5	-0.3 ± 0.2	0.1 ± 1.9	-14.3 ± 8.0	GA01662
RWA2C	-9.1	124.8	-1.5	-0.3 ± 0.2	1.4 ± 2.4	-13.6 ± 7.9	GA01663
RWA2C	22.9	169.1	-1.2	0.6 ± 1.5	-1.9 ± 1.6	-8.9 ± 8.4	GA01664
RWC3C	-9.1	91.6	-1.3	-0.2 ± 0.2	2.5 ± 3.4	-9.8 ± 8.3	GA01665

APPENDIX D

RELEASE GUIDELINES

Acceptable Surface Contamination Levels

Nuclides[a]	Average[b,c,f] (dpm/100cm^2)	Maximum[b,d,f] (dpm/100cm^2)	Removable[b,e,f] (dpm/100cm^2)
U-Nat, ^{235}U, ^{238}U, and associated products	5,000 α	15,000 α	1,000 α
Transuranics, ^{226}Ra, ^{228}Ra, ^{230}Th, ^{228}Th, ^{231}Pa, ^{227}Ac, ^{125}I, ^{129}I	100	300	20
Th-nat, ^{232}Th, ^{90}Sr, ^{223}Ra, ^{224}Ra, ^{232}U, ^{126}I, ^{131}I, ^{133}I	1,000	3,000	200
Beta/gamma emitters (nuclides with decay modes other than alpha emission or spontaneous fission) except ^{90}Sr and other noted above	5,000 βγ	15,000 βγ	1,000 βγ

a→ Where surface contamination by both alpha- and beta/gamma-emitting nuclides exists, the limits established for alpha-and beta/gamma-emitting nuclides should apply independently
b→ As used in this table dpm (disintegrations per minute) means the rate of emission by radioactive material as determined by correcting the counts per minute observed by an appropriate detector for background, efficiency, and geometric factors associated with the instrumentation.
c→ Measurements of average contaminant should not be averaged over more than 1 square meter. For objects of less surface area, the average should be derived for each such object
d→ The maximum contamination level applies to an area of not more than 100 cm^2
e→ The amount of removable radioactive material per 100 cm^2 of surface area should be determined by wiping that area with dry filter or soft absorbent paper, applying moderate pressure, and assessing the amount of radioactive material on the wipe with an appropriate instrument of known efficiency. When removable contamination on objects of less surface area is determined, then pertinent levels should be reduced proportionally and the entire surface should be wiped.
f→ The average and maximum radiation levels associated with surface contamination resulting from beta-gamma emitters should not exceed 0.2 mrad/hr at 1 cm and 1.0 mrad/hr at 1 cm, respectively, measured through not more than 7 milligrams per square centimeter of total absorber.

Reference: Guidelines for Decontamination of Facilities and Equipment prior to Release for Unrestricted use or Termination of Licenses for Byproducts, Source, or Special Nuclear Material, U.S. Nuclear Regulatory Commission, April 1993.

APPENDIX E

INSTRUMENTATION USED AT FORT MEADE

Instrumentation used at Fort Meade
Termination Survey

	Alpha	Beta	Gamma
Readout Make	LUDLUM	LUDLUM	LUDLUM
Readout Model	2350	2350	2350
Serial Number	120600	120623	120605
Probe Make	LUDLUM	LUDLUM	LUDLUM
Probe Model Serial number	43-68 PR122118	43-68 PR120552	44-2 RN139798

Scanning Instrumentation used at Fort Meade
Termination Survey

	Floor Scanner	Alpha/Beta	
Readout Make	Ludlum	Ludlum	
Readout Model	2224	2224	
Serial Number	119772	119778	
Probe Make	LUDLUM	Ludlum	
Probe Model	43-37	43-1-1	
Probe Serial Number	PR11637	PR133820	

All instrumentation was supplied by USACHPPM and the calibration is traceable to the National Institute of Standards and Technology.

APPENDIX F

QUALITY ASSURANCE RESULTS

1. Spiked Samples. See table below.

Tritium Spikes

Position Identification		DPM added	DPM found	Percent Recovery
H-3	GA00450	497	475.9	95.8%
H-3	GA01696	0	-13.0	N/A

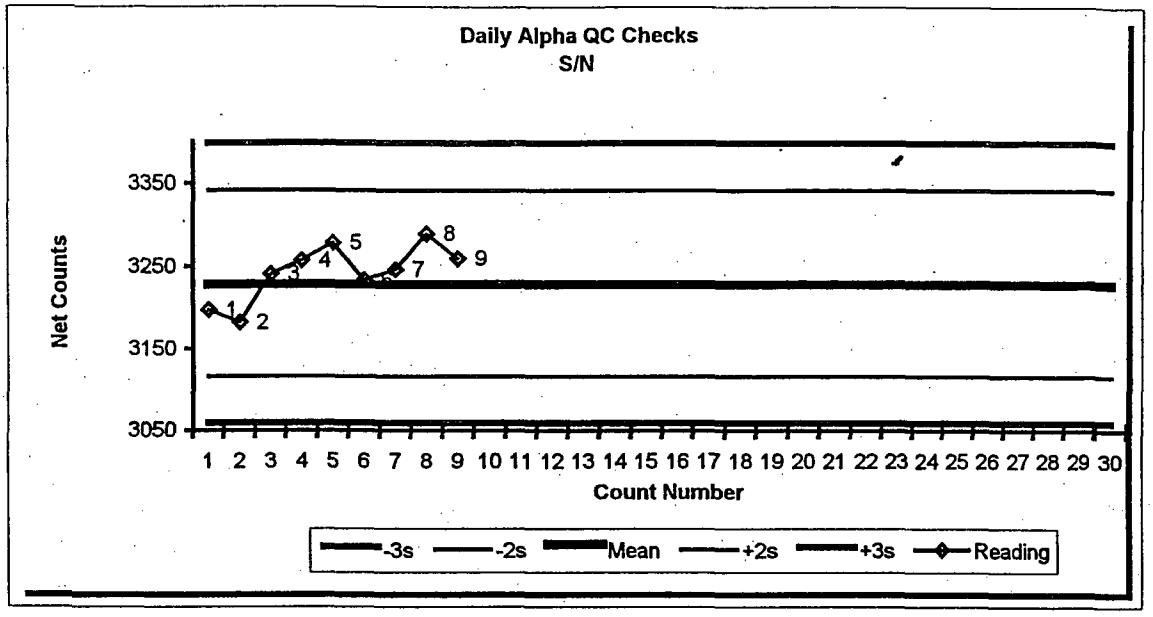
Note: Each sample vial was packed inside a second vial to protect from spread of contamination if broken.

a. The percent recovery of the samples was within the recommended plus or minus 20 percent (80% to 120%).

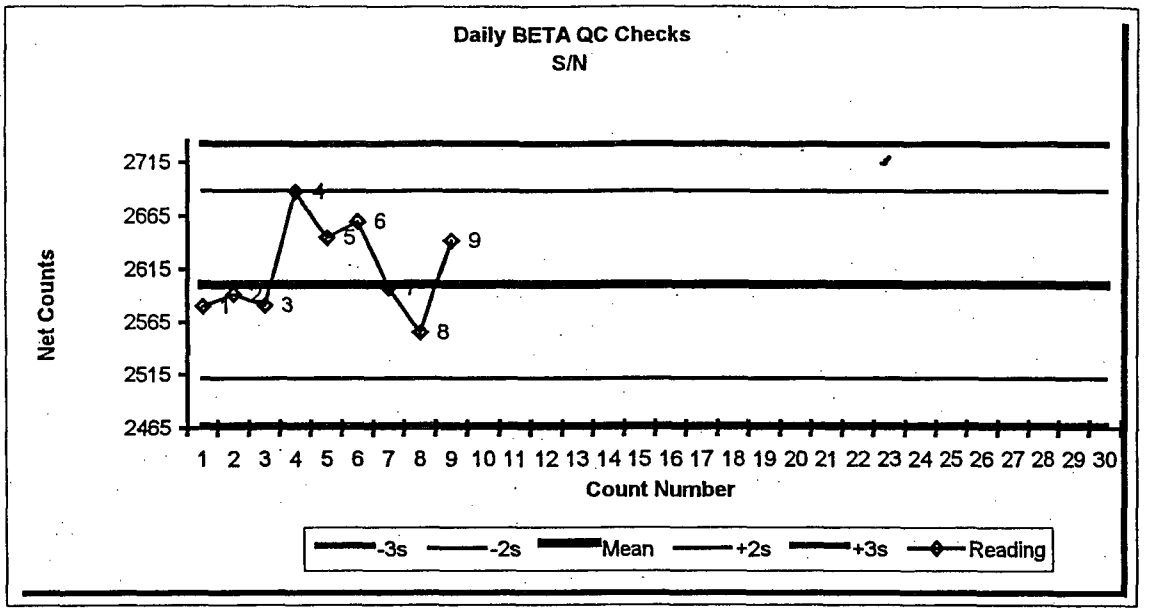
2. Blank Wipe Samples. Survey teams randomly submitted blank samples to the laboratory. Sample GA01696 was submitted as a blank. The blank sample had no detectable activity above the detection limit.

APPENDIX G

INSTRUMENT QUALITY ASSURANCE CHARTS



Daily Alpha Checks in counts										
	Date	Gross	BKG	NET	GROSS	BKG	NET	GROSS	BKG	NET
1	13Aug97			0	3248	1	3247	3345	2	3343
2	14Aug97	3197	1	3196	3281	1	3280	3329	1	3328
3	15Aug97	3182	1	3181	3257	3	3254			0
4	18Aug97	3240	1	3239	3257	2	3255	3341	1	3340
5	19Aug97	3257	1	3256	3341	2	3339			0
6	20Aug97	3278	1	3277	3267	1	3266	3372	1	3371
7	21Aug97	3233	1	3232	3338	2	3336	3215	1	3214
8	22Aug97	3246	3	3243	3325	1	3324			0
9	25Aug97	3289		3289	3344	3	3341	3389	2	3387
10	26Aug97	3259	2	3257	3345	2	3343	3328	1	3327
11	27Aug97			0			0			0
12	28Aug97			0			0			0
13				0			0			0
14				0			0			0
15				0			0			0
16				0			0			0
17				0			0			0
18				0			0			0
19				0			0			0
20				0			0			0
21				0			0			0
22				0			0			0
23				0			0			0
24				0			0			0
25				0			0			0
26				0			0			0
27				0			0			0
28				0			0			0
29				0			0			0
30				0			0			0



Daily BETA Checks in counts										
	Date	Gross	BKG	NET	GROSS	BKG	NET	GROSS	BKG	NET
1	13Aug97			0	2799	180	2619	2815	202	2613
2	14Aug97	2881	201	2680	2785	209	2576	2805	204	2601
3	15Aug97	2708	117	2591	2618	105	2513			0
4	18Aug97	2766	185	2581	2741	184	2557	2731	165	2566
5	19Aug97	2876	188	2688	2758	193	2565			0
6	20Aug97	2854	209	2645	2811	137	2674	2629	183	2446
7	21Aug97	2809	149	2660	2767	174	2593	2725	191	2534
8	22Aug97	2799	202	2597	2780	189	2591			0
9	25Aug97	2759	204	2555	2690	162	2528	2598	189	2409
10	26Aug97	2840	198	2642	2778	201	2577	2834	185	2649
11	27Aug97			0			0			0
12				0			0			0
13				0			0			0
14				0			0			0
15				0			0			0
16				0			0			0
17				0			0			0
18				0			0			0
19				0			0			0
20				0			0			0
21				0			0			0
22				0			0			0
23				0			0			0
24				0			0			0
25				0			0			0
26				0			0			0
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28				0			0			0
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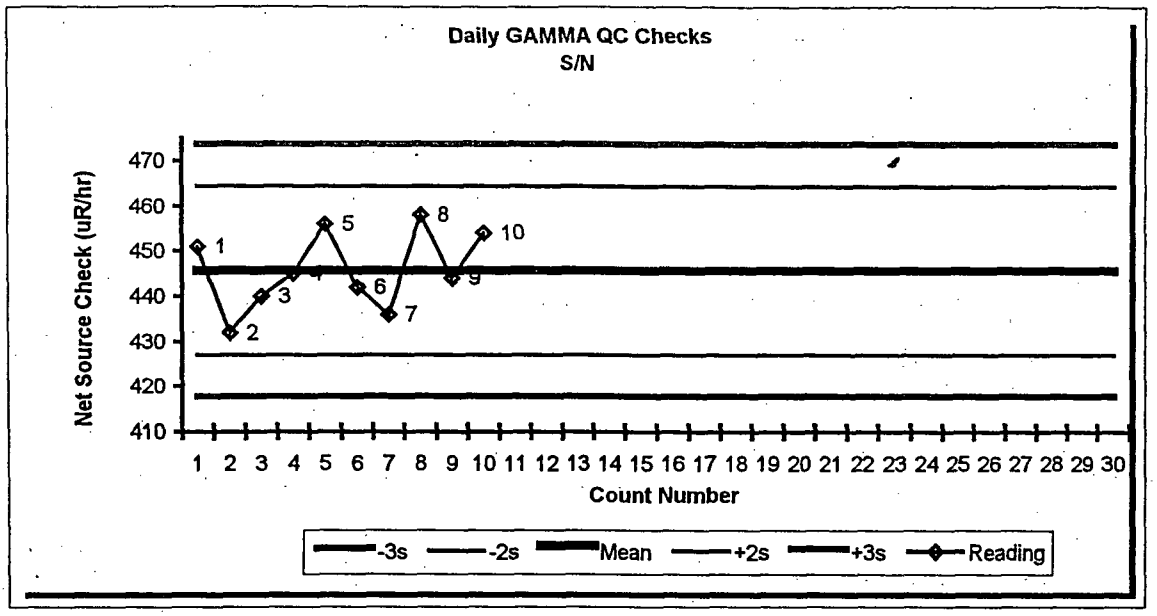

Daily GAMMA Checks in uR/hr										
	Date	Gross	BKG	NET	GROSS	BKG	NET	GROSS	BKG	NET
1	13Aug97	457	6	451	436	5	431	438	7	431
2	14Aug97	438	6	432	440	7	433	450	5	445
3	15Aug97	445	5	440	447	6	441	539	5	534
4	18Aug97	450	5	445	434	5	429	450	5	445
5	19Aug97	463	7	456			0			0
6	20Aug97	447	5	442	434	8	426	445	5	440
7	21Aug97	443	7	436	437	5	432	445	5	440
8	22Aug97	463	5	458	460	5	455			0
9	25Aug97	450	6	444	449	6	443	430	7	423
10	26Aug97	459	5	454	435	6	429	440	6	434
11	27Aug97			0			0			0
12				0			0			0
13				0			0			0
14				0			0			0
15				0			0			0
16				0			0			0
17				0			0			0
18				0			0			0
19				0			0			0
20				0			0			0
21				0			0			0
22				0			0			0
23				0			0			0
24				0			0			0
25				0			0			0
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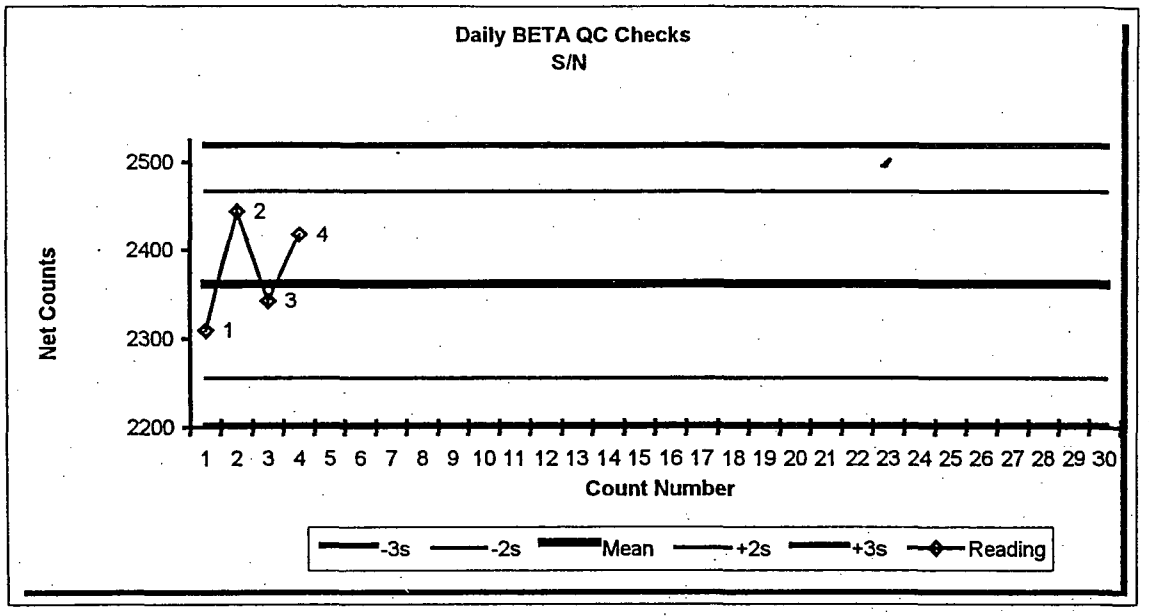
30				0			0			0



Daily BETA Checks in counts										
	Date	Gross	BKG	NET	GROSS	BKG	NET	GROSS	BKG	NET
1	22Aug97	2500	191	2309	2498	187	2311	2675	198	2477
2	25Aug97	2634	190	2444	2590	195	2395	2508	185	2323
3	26Aug97	2537	195	2342	2610	201	2409	2647	189	2458
4	27Aug97	2608	190	2418	2690	203	2487	2600	200	2400
5				0			0			0
6				0			0			0
7				0			0			0
8				0			0			0
9				0			0			0
10				0			0			0
11				0			0			0
12				0			0			0
13				0			0			0
14				0			0			0
15				0			0			0
16				0			0			0
17				0			0			0
18				0			0			0
19				0			0			0
20				0			0			0
21				0			0			0
22				0			0			0
23				0			0			0
24				0			0			0
25				0			0			0
26				0			0			0
27				0			0			0
28				0			0			0
29				0			0			0
30				0			0			0

MCHL-HP 8 October 1997

MEMORANDUM FOR Record

SUBJECT: WRAIR Animal Holding Facility

1. Dr. Kenneth D. Burman called at 0830 on 8 August 1997 in response to our inquiry regarding the former Walter Reed Army Institute of Research (WRAIR) Animal Holding Facility.

2. This location has been specifically listed on NRC License 08-01738-02 since 1974. This location was added because of a research protocol conducted by Dr. Kenneth Burman to administer 15 to 20 micro-curies of Iodine-125 and Iodine-131 to pregnant sheep and perform surgery on the animals at that location.

3. Dr. Kenneth Burman indicated that only 5 to 10 sheep were used in this experiment which lasted about 2 months. Dr. Burman indicated that as far as he knows that was the only protocol using radioactive materials at the WRAIR Animal Holding Facility.

4. In September 1997 CPT Morton, MSG Mason and Mr. Muick from Walter Reed Army Institute of Research visited the site and conducted a meter survey of the trash area, the location where the barn was located and the pen where the sheep were held. No contamination above background was detected.

5. A thorough records investigation and telephone interviews by CPT Morton and Mr. Burton, Health Physics Office did not find any evidence of any other use of radioactive materials at this location.

6. Additional investigators involved in this protocol were CPT Jackson, Veterinarian of the WRAIR Animal Holding Facility, Dr. Leonard Wartofsky, Associate Investigator, and CPT J.D. Fox, Veterinarian.

ARTHUR R. MORTON
CPT, MS
Chief, Operations, HPO

FORT MEADE WRAIR ANIMAL HOLDING FACILITY SEPTEMBER 1997

OFFICIAL RECORD COPY ML 10

This is to acknowledge the receipt of your letter/application dated 3/17/98, and to inform you that the initial processing which includes an administrative review has been performed.

08-01738-02

☑ There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

_____.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 125557.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader