Rocky Flats Environmental Technology Site

PRE-DEMOLITION SURVEY REPORT (PDSR)

BUILDING 444 CLOSURE PROJECT

February 16, 2005

Change Control:

Rev 1. Revised Section 3, LLW Summary Table, VIA 7 Pre-Fixative value - 2/23/05.
Rev 1. Added Survey Tracking # 444-VIA1-03 survey to Attachment B-1– 2/23/05.
Rev 1. Added media sample gamma-spec. data and footnote to Survey Units 444101, 444102, 444104, 444501, 444502, 444503 and 444504 Media Data Sheets in Attachments B-19, B-22 and B-23 – 2/23/05.
Rev 1. Revised VIA 2 Overview Map (fixed typo) in Attachment B-20 – 2/23/05.
Rev 1. Revised Survey Unit 444202, Media Sample Data Sheets in Attachment B-20 – 2/23/05.
Rev 1. Revised Survey Unit 444301 Comments Sheet, page 5 of 61 (fixed typo) in Attachment B-21– 2/23/05.
Rev 1. Revised Attachment A, 1st Floor Radiological Key Map– 2/23/05.
Rev 2. Added text in Section 4.3 about RCRA Unit closure – 2/26/05.
Rev 2. Added Comment #9, Attachment B-22, Survey Unit 444401, Page 5 of 53 – 2/26/05.
Rev 2. Added survey dated 1/9/05 in Attachment B-26 – 2/26/05.
Rev 2. Added Beryllium swipes 228-280 in Attachment C-8, VIA 8 Beryllium Table and maps – 2/26/05.
Rev 2. Added Footnote #5 in Section 3, LLW Summary Table (page 4 of 12) – 2/26/05.
Rev 2. Added text in Attachment D, page 1 of 22 – 2/26/05.
Rev 2. Added missing page 2 of 3 of survey # 444-VIA4-05, in Attachments B-7 and B-9 – 2/26/05.

CLASSIFICATION REVIEW NOT REQUIRED PER EXEMPTION NUMBER CEX-005-02

ADMIN RECORD

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PRE-DEMOLITION SURVEY REPORT (PDSR)

BUILDING 444 CLOSURE PROJECT

~~VOLUME 3~~ DAP 2/25/05
Revision Ø

February 16, 2005

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ABBREVIATIONS/ACRONYMS

ACM	Asbestos Containing Material
Be	Beryllium
CDPHE	Colorado Department of Public Health and the Environment
$DCGL_{EMC}$	Derived Concentration Guideline Level – elevated measurement comparison
$DCGL_W$	Derived Concentration Guideline Level – Wilcoxon Rank Sum Test
D&D	Decontamination and Decommissioning
DDCP	Decontamination and Decommissioning Characterization Protocol
DOE	U.S. Department of Energy
DPP	Decommissioning Program Plan
DQA	Data quality assessment
DQOs	Data quality objectives
EPA	U.S. Environmental Protection Agency
FDPM	Facility Disposition Program Manual
HVAC	Heating, ventilation, air conditioning
HSAR	Historical Site Assessment Report
HEUN	Highly Enriched Uranyl Nitrate
IHSS	Individual Hazardous Substance Site
IVT	Independent Verification Team
IWCP	Integrated Work Control Package
K-H	Kaiser-Hill
LBP	Lead-based paint
LLW	Low-level waste
MARSSIM	Multi-Agency Radiation Survey and Site Investigation Manual
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
NORM	Naturally occurring radioactive material
NRA	Non-Rad-Added Verification
OSHA	Occupational Safety and Health Administration
PARCC	Precision, accuracy, representativeness, comparability and completeness
PCBs	Polychlorinated Biphenyls
PDS	Pre-Demolition Survey
QC	Quality Control
RCRA	Resource Conservation and Recovery Act
RFCA	Rocky Flats Cleanup Agreement
RFETS	Rocky Flats Environmental Technology Site
RFFO	Rocky Flats Field Office
RLC	Reconnaissance Level Characterization
RLCR	Reconnaissance Level Characterization Report
RSA	Removable Surface Activity
RSP	Radiological Safety Practices
SVOCs	Semi-volatile organic compounds
TCLP	Toxicity Characteristic Leaching Procedure
TSA	Total Surface Activity
VOCs	Volatile Organic Compounds

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EXECUTIVE SUMMARY

A Pre-Demolition Survey (PDS) was performed to enable compliant disposition and waste management of Building 444. Because this Type 2 Facility will be demolished, the characterization was performed in accordance with the Pre-Demolition Survey Plan (MAN-127-PDSP). Building surfaces characterized as part of this PDS included Building 444 interior floors, walls, ceilings and equipment. Building 444 exterior was characterized in accordance with Pre-Demolition Survey Plan (MAN-127-PDSP) requirements as part of the Building 444 Cluster Project RLCR, Dated September 5, 2002, Revision 0. Environmental media beneath and surrounding the building was not within the scope of this PDS and will be addressed in accordance with the Soil Disturbance Permit process and in compliance with RFCA.

The PDS encompassed both radiological and chemical characterization to enable compliant disposition and waste management pursuant to the D&D Characterization Protocol (MAN-077-DDCP). The characterization built upon physical, chemical and radiological hazards identified in the facility-specific Historical Site Assessment Report and Reconnaissance Level Characterization Report for the Building 444 Cluster.

PDS results indicated that RCRA, CERCLA and PCB constituents do not exist in excess of the PDSP unrestricted release limits. PCB-containing fluorescent light ballasts and hazardous waste items (e.g., mercury thermostats, fluorescent light bulbs, mercury vapor light bulbs, mercury-containing gauges, circuit boards, leaded glass, and lead-acid batteries) were previously removed from the building and do not impact demolition activities.

Asbestos abatement was conducted in Building 444 prior to the PDS. Friable and non-friable asbestos containing building materials were removed per CDPHE, Regulation No. 8, Part B, *Emission Standards for Asbestos*. The only remaining asbestos in the building is non-friable Category 1 asbestos containing concrete masonry unit (CMU) cinderblock wall skimcoat, roof felting material, and miscellaneous caulking material around window frames and floor seams.

PDS results indicate that radiological contaminates exist in excess of the PDSP (Pre-Demolition Survey Plan) unrestricted release limits in certain locations within the building. Fixatives were used to immobilize loose radiological and beryllium contamination. Therefore, these portions of the building will be managed as Low Level Waste (LLW)-PCB Bulk Product Waste during demolition. These LLW areas are discussed in detail in Section 3. Other areas of Building 444 met the PDSP unrestricted release limits and will be managed as sanitary-PCB Bulk Product Waste during demolition. These sanitary waste areas are discussed in detail in Section 3. Portions of the 444 building (i.e., the Northwest Annex) have already been demolished (demolition was approved via RFCA Contact Records).

Fixatives were used to immobilize loose beryllium contamination. All post-fixative beryllium sample results were below the investigative level of 0.1 $\mu g/100cm^2$.

Based upon this PDSR, Building 444 can be demolished and the waste managed as LLW-PCB Bulk Product Waste or sanitary-PCB Bulk Product Waste, as applicable. None of the concrete will be used for on-site backfill. Under-slab utilities and piping systems will be treated as radioactive and beryllium contaminated, and characterized and managed appropriately during demolition. To ensure the facility remains free of further contamination and PDS data remain valid, Level 2 Isolation Controls have been established and the area posted accordingly.

1 INTRODUCTION

A Pre-Demolition Survey (PDS) was performed to enable compliant disposition and waste management of Building 444. Because this Type 2 Facility will be demolished, the characterization was performed in accordance with the Pre-Demolition Survey Plan (MAN-127-PDSP). Building surfaces characterized as part of this PDS included Building 444 interior floors, walls, ceilings and equipment. Building 444 exterior was characterized in accordance with Pre-Demolition Survey Plan (MAN-127-PDSP) requirements as part of the Building 444 Cluster Project RLCR, Dated September 5, 2002 (Revision 0). Environmental media beneath and surrounding Building 444 was not within the scope of this PDS and will be addressed in accordance with the Soil Disturbance Permit process and in compliance with RFCA.

As part of the Rocky Flats Environmental Technology Site (RFETS) Closure Project, numerous facilities will be removed, among these is Building 444. The location of this facility is shown in Attachment A, *Facility Location Map*. Attachment A also includes VIA Overview Maps showing the division of the building into Ventilation Isolation Areas (VIA), and Low Level Waste (LLW) overview areas. This facility no longer supports the RFETS mission and will be removed to reduce Site infrastructure, risks and/or operating costs.

Before this Type 2 Facility can be demolished, the Data Quality Objectives (DQOs) for a Pre-Demolition Survey (PDS) must be satisfied; this document presents the PDS results for Building 444. The PDS was conducted pursuant to the Decontamination and Decommissioning Characterization Protocol (MAN-077-DDCP) and the Pre-Demolition Survey Plan for D&D Facilities (MAN-127-PDSP). The PDS is built upon physical, chemical and radiological hazards identified in the facility-specific Historical Site Assessment Report and *Reconnaissance Level Characterization Report for the Building 444 Cluster*, Dated September 5, 2002, Revision 0.

1.1 Purpose

The purpose of this report is to communicate and document the results of the Building 444 PDS effort. A PDS is performed prior to building demolition to define the pre-demolition radiological and chemical conditions of the facility. The pre-demolition conditions are compared with the release limits for radiological and non-radiological contaminants. PDS results will enable project personnel to make final disposition decisions, develop related worker health and safety controls, and estimate waste volumes by waste types.

1.2 Scope

This report presents the pre-demolition radiological and chemical conditions of Building 444. Environmental media beneath and surrounding the facility was not within the scope of this PDSR and will be addressed in accordance with the Soil Disturbance Permit process and in compliance with RFCA.

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1.3 Data Quality Objectives

The Data Quality Objectives (DQOs) used in designing this PDS were the same DQOs identified in the Pre-Demolition Survey Plan for D&D Facilities (MAN-127-PDSP), with the exception of the radiological surveys. Refer to section 2.0 of MAN-127-PDSP for these DQOs. The radiological survey Data Quality Objectives (DQOs) were met by following Radiological Safety Practice procedures 3-PRO-165-07.02, *Contamination Monitoring Requirements*, and PRO-267-RSP-09.05, *Radiological Characterization for Surface Contaminated Objects*. The PDSP radiological Minimum Detectable Concentrations (MDA's) were met for all radiological surveys.

2 HISTORICAL SITE ASSESSMENT

A Facility-specific Historical Site Assessment (HSA) and Reconnaissance Level Characterization (RLC) was conducted to understand the facility history and related hazards. The HSA consisted of facility walk-downs, interviews and document review, including review of the Historical Release Report, and were used to design the RLC. The Building 444 RLC was performed as part of the Building 444 Cluster Project RLCR, Dated September 5, 2002 (Revision 0). Based on the RLC results, asbestos, beryllium and radiological contamination were identified, and Building 444 was classified as a Type 2 Facility. Therefore, a PDS characterization was required before demolition of the facility. The HSA and RLC results were used to identify PDS data gaps and needs, and to develop radiological and chemical PDS characterization packages. HSA and RLC documentation are located in the RISS Characterization Project files.

3 RADIOLOGICAL CHARACTERIZATION AND HAZARDS

Low Level Waste Discussion

Radiological contamination was identified during the RLC, as well as, during the in-process stripout and decontamination phases inside Building 444 and on some of the outside loading docks. Thus, extensive strip-out and decontamination was required prior to the PDS. All potentially contaminated equipment and system piping were removed from the building prior to PDS. Some areas of fixed radiological contamination could not be decontaminated below the PDS unrestricted release criteria without compromising the structural integrity of the building or was too difficult to decontaminate. The radiological contamination was embedded into the concrete and metal cracks and joints such that if the decontamination effort chased the contamination into the cracks and joints, the structural integrity of the walls and ceilings would be compromised to the point of being unsafe for human occupancy.

Therefore, portions of the building will be removed and managed as LLW-PCB Bulk Product Waste during demolition. Remaining concrete and metal surfaces were decontaminated in order to remove as much removable contamination as practical, pre-fixative surveys were performed, then fixatives were applied to immobilize any remaining loose contamination in these contaminated areas. These areas were then re-surveyed (post-fixative surveys) for waste disposal and LLW demolition planning purposes. Two methods of immobilizing loose contamination were utilized in the

ventilation air tunnels underneath the Room 101 and 107 floors - fixatives and flow-fill. The pre and post-fixative surveys were performed per Radiological Safety Practice procedures 3-PRO-165-07.02, *Contamination Monitoring Requirements*, and PRO-267-RSP-09.05, *Radiological Characterization for Surface Contaminated Objects*. All other areas of Building 444 were surveyed via the normal PDSP methods and are discussed in the PDSP discussion section below. The PDSP radiological Minimum Detectable Concentrations (MDA's) were met for all radiological surveys.

No removable radiological contamination existed above the unrestricted release criteria after decontamination and fixative application in the contaminated areas of Building 444. Appropriate controls will be incorporated into the demolition work packages to control these hazards during demolition. The in-process waste disposal and LLW demolition planning surveys are contained in Attachments B-1 through B-18, *Pre and Post-Fixative LLW Surveys*, and suffice as the PDS radiological surveys for these areas of the building. The surfaces that will be removed and managed as LLW are detailed in the table below and are also identified on the VIA LLW Overview Maps in Attachment A. The following table summarizes the highest pre-fixative and post-fixative levels found in the LLW areas:

LLW Summary Table

444 Area	Pre-Fixative Fixed Point Survey Results (dpm/100cm^2 β)	Pre-Fixative Removable Survey Results (dpm/100cm^2 β)	Post-Fixative Fixed Point Survey Results (dpm/100cm^2 β)	Post-Fixative Removable Survey Results (dpm/100cm^2 β)
VIA 1	8,790	<1,000	None Performed, None Required	None Performed, None Required
VIA 2	41,000	<1,000	None Performed, None Required	None Performed, None Required
VIA 3	101,750	<1,000	None Performed, None Required	None Performed, None Required
VIA 4	3,363,636	8,807	1,030,000	<1,000
VIA 5	1,168,182	5,536	133,500	5,014
VIA 6	425,000	<1,000	None Performed, None Required	<1,000
VIA 7	1,490,000	45,000	None Performed, None Required	<1,000
VIA 8	No LLW Areas, None Performed, None Required	No LLW Areas, None Performed, None Required	No LLW Areas, None Performed, None Required	No LLW Areas, None Performed, None Required
VIA 9	135,000	<1,000	None Performed, None Required	None Performed, None Required

Table Footnotes:

1. The walls and floor surfaces of the two 444 elevator shafts will be managed as LLW. This includes the inside and outside surfaces of the walls. The ceilings of the elevators were surveyed clean, as documented on VIA 3 LLW pre-fixative radiological surveys in Attachment B-5, survey tracking numbers 444-ELE-1 and 444-ELE-2. The elevators are adjacent to Rooms 3 and 7 in the Basement, Rooms 110A and 113 on the 1st floor, and Rooms 202 and 205 on the 2nd floor.

2. Post-fixative fixed-point survey results were not necessary or required in most cases.

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3. Post flow-fill surveys were not possible inside the sub-floor ventilation air tunnels underneath the Room 101 and 107 floors (VIA's 4 & 5) because the flow-fill made the tunnels inaccessible. However, the flow-fill was used as an additional fixative to immobilize any remaining loose beryllium or radiological contamination. Survey locations 1-8, and 21-86 were under Room 101, VIA 4. Survey locations 9-20 were under Room 107, VIA 5.

4. In some areas fixatives were not necessary or were not applied because the pre-fixative surveys were <1,000 dpm/100cm^2 removable.

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5. The Post fixative smear of 5,014 dpm/100cm^2 removable in VIA 5 was collected inside the sub-floor ventilation air tunnel in Room 107 prior to flow-filling. Flow-filling made this removable contamination immobile and fixed.

PDS Discussion

Building 444 was characterized for radiological hazards per the PDSP and RSPs. Radiological characterization was performed to define the nature and extent of radioactive materials that may be present on the facility surfaces. Measurements were performed to evaluate the contaminants of concern. Based upon a review of the RLC, historical and process knowledge, building walk-downs, and MARSSIM guidance, a Radiological Characterization Plan was developed during the planning phase that describes the minimum survey requirements (refer to the RISS Characterization Project files for the Building 444 Radiological Characterization Plan). Based on RLC data, and historical and process knowledge, transuranic activity was not a concern inside building 444, therefore, the 444 PDS was performed to the uranium PDS unrestricted release criteria.

As discussed above, the LLW areas were surveyed in accordance with the RSPs. The clean areas of 444 were surveyed using the PDSP radiological survey unit package process. PDS radiological survey unit packages that were implemented in Building 444 are detailed in the below table. The below table also summarizes the survey unit PDS results, and survey unit classification justifications.

Building 444 Survey Unit Summary Table

VIA	Survey Unit	MARSSIM Class	Survey Unit Description	Floor m^2	Total m^2	TSAs Collected	RSAs Collected	Minimum % Scan Performed	Media Samples Collected	Class Justification	PDS Results
1	444101	2	Building 444 VIA # 1, all surfaces Rooms 116, 116 Pit, 116A, 116B, 116C, Corridor A1, A2, A3, & B, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, and 172B	1,592	4,259	33 Systematically Grid, 24 Biased, 2 QC	33 Systematically Grid, 24 Biased	100% Floors 25% Walls and ceiling	21 Random 24 Biased	Class 2 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination, but was not expected to exceed the $DCGL_W$.	All survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
1	444102	2	Building 444 VIA # 1, All surfaces, Rooms 111, 117, 117A, and 117C	304	978	15 Systematically Grid, 15 Biased, 2 QC	15 Systematically Grid, 15 Biased	100% Floors 25% Walls and ceiling	13 Random 15 Biased	Class 2 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination, but was not expected to exceed the $DCGL_W$.	All survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
1	444104	2	Building 444 VIA # 1, all surfaces, Rooms 102, 103C, 103D, 105, 105A, 108, 108A, 108B, 110, 110A, 112, 112A, 115, 170, and 175, except LLW areas	571	1,872	21 Systematically Grid, 6 Biased, 2 QC	21 Systematically Grid, 6 Biased	50% Walls and ceiling	8 Random 6 Biased	Class 2 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination, but was not expected to exceed the $DCGL_W$.	Except for LLW areas, all survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
2	444201	1	Building 444 VIA # 2, Floors	2,806	2,806	420 Systematically Grid, 35 Biased, 22 QC	420 Systematically Grid, 35 Biased	100%	35 Biased	Class 1 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination above the $DCGL_W$.	All survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
2	444202	2	Building 444 VIA # 2, Walls and Ceiling	2,806	10,082	57 Systematically Grid, 157 Biased, 4 QC	57 Systematically Grid, 157 Biased	25% Walls and ceiling	157 biased	Class 2 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination, but was not expected to exceed the $DCGL_W$.	All survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
2	444203	1	Building 444 VIA #2, Trenches	180	614	33 Systematically Grid, 2 QC	33 Systematically Grid	100%	0	Class 1 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination above the $DCGL_W$.	All survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
2	444902	1	Building 444 VIA # 2, Rooms 179, 180B, 180B-Hall, & Exterior Door 29 Pad, All Surfaces except LLW areas	179	667	30 Systematically Grid, 2 QC	30 Systematically Grid	100%	0	Class 1 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination above the $DCGL_W$.	Except for LLW areas, all survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
3	444301	1	Building 444 VIA # 3, Floor and <2 meters on walls, except LLW areas	2,314	3,519	365 Systematically Grid, 304 Biased, 19 QC	365 Systematically Grid, 304 Biased	100%	152 Biased	Class 1 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination above the $DCGL_W$.	Except for LLW areas, all survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
3	444302	2	Building 444 VIA # 3, All rooms Ceiling & Walls >2 meters, except LLW areas	2,314	4,078	46 Systematically Grid, 36 Biased, 3 QC	46 Systematically Grid, 36 Biased	50% Walls and ceiling > 2m	36 Biased	Class 2 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination, but was not expected to exceed the $DCGL_W$.	Except for LLW areas, all survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.

Building 444 Survey Unit Summary Table

VIA	Survey Unit	MARSSIM Class	Survey Unit Description	Floor m^2	Total m^2	TSAs Collected	RSAs Collected	Minimum % Scan Performed	Media Samples Collected	Class Justification	PDS Results
4	444401	1	Building 444 VIA # 4, Walls and Ceiling, except LLW areas	2,648	4,234	467 Systematically Grid, 127 Biased, 26 QC	467 Systematically Grid, 127 Biased	100%	121 Random 127 Biased	Class 1 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination above the $DCGL_W$.	Except for LLW areas, all survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
5	444501	2	Building 444 VIA # 5, Rooms 113, 113A, & 118, all sufaces, except LLW areas	149	490	22 Systematically Grid, 11 Biased, 2 QC	22 Systematically Grid, 11 Biased	100% Floors 50% Walls and ceiling	17 Random 11 Biased	Class 2 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination, but was not expected to exceed the $DCGL_W$.	Except for LLW areas, all survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
5	444502	1	Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas	1,133	472	176 Systematically Grid, 58 Biased, 9 QC	176 Systematically Grid, 58 Biased	100%	119 Random 58 Biased	Class 1 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination above the $DCGL_W$.	Except for LLW areas, all survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
5	444503	1	Building 444 VIA # 5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas	722	1,246	142 Systematically Grid, 102 Biased, 8 QC	142 Systematically Grid, 102 Biased	100%	78 Random 102 Biased	Class 1 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination above the $DCGL_W$.	Except for LLW areas, all survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
5	444504	2	Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls >2 meters and Ceiling, except LLW areas	1,133	1,503	31 Systematically Grid, 2 QC	31 Systematically Grid	50% Walls and ceiling	31 Random	Class 2 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination, but was not expected to exceed the $DCGL_W$.	Except for LLW areas, all survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
6	444604	1	Building 444 VIA # 6, Room 8 Tunnel, Floor, Walls and Ceiling	32	229	15 Systematically Grid, 2 QC	15 Random	100	0	Class 1 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination above the $DCGL_W$.	All survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
8	444801	1	Roof Filter Plenum 245, Interior all surfaces	129	499	25 Systematically Grid, 2 QC	25 Systematically Grid	100%	0	Class 1 - Area had, prior to remediation, a potential for radioactive contamination, or known contamination above the $DCGL_W$.	All survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.
8	444802	3	Roof SP-1, SP-2, SP-3, and Air-Plenum (Room 301), Interior	846	2,256	15 Systematically Grid, 2 QC	15 Random	10% All Surfaces	0	Class 3 - Area is not expected to contain residual radioactivity, or expected to contain levels of residual radioactivity at a small fraction of the $DCGL_W$.	All survey and sample results in this survey unit are less than the PDSP unrestricted release criteria.

Comments: Refer to the comments page in the appropriate data summary for specific explanations about each survey unit's investigations, media samples and for additional information.

The Building 444 PDS survey unit packages were developed in accordance with Radiological Safety Practices (RSP) 16.01, *Radiological Survey/Sampling Package Design, Preparation, Control, Implementation and Closure*. Total surface activity (TSA), removable surface activity (RSA), and scan measurements were collected in accordance with RSP 16.02 *Radiological Surveys of Surfaces and Structures*. Media samples were collected in accordance with RSP 16.03 *Radiological Samples of Building Media*. Radiological survey data were verified, validated and evaluated in accordance with RSP 16.04, *Radiological Survey/Sample Data Analysis*. Quality control measures were implemented relative to the survey process in accordance with RSP 16.05, *Radiological Survey/Sample Quality Control*. Individual radiological survey unit packages are maintained in the RISS Characterization Project files. PDS radiological survey data, statistical analysis results, survey locations, and radiological scan maps are presented in Attachments B-19 through B-26, *PDS Radiological Data Summary and Survey Maps*.

All TSA, RSA and scan survey results in survey units 444101, 444102, 444104, 444201, 444202, 444203, 444301, 444302, 444801, 444802 and 444902 were less than the applicable PDS uranium DCGL values. As noted on some of the survey unit maps, certain surfaces (e.g., floors and/or Elevator shafts) were not included in the survey unit boundaries and will be managed as LLW. Refer to surveys in Attachments B1-B18 for LLW surveys of these areas.

Paint (media) samples were not collected in Survey Units 444203, 444604, 444801, 444802 and 444902 because there were either no painted surfaces in these survey units, or the paint was factory installed paint (e.g., metal roof decking), therefore paint (media) samples were not required.

Building 444 exterior was characterized in accordance with the Pre-Demolition Survey Plan (MAN-127-PDSP) requirements as part of the Building 444 Cluster Project RLCR, Dated September 5, 2002 (Revision 0). Most of the exterior surveys performed during the Building 444 Cluster RLCR were less than the applicable PDSP uranium DCGL values. Areas that were above the PDSP uranium DCGL values were on loading docks. These contaminated docks (VIA 9) will be managed as LLW during demolition. LLW surveys of the VIA 9 docks are in Attachments B17-B18. A confirmatory survey of remaining exterior surfaces of Building 444 was performed during the PDS survey, and all results were less than the PDS unrestricted release levels. Refer to Attachment B-27, *444 Confirmatory Survey* for the building exterior confirmatory radiological survey. To ensure the facility remains free of further contamination and PDS data remain valid, Level 2-Isolation Controls have been established and the areas posted accordingly.

4 CHEMICAL CHARACTERIZATION AND HAZARDS

Building 444 was characterized for chemical hazards per the PDSP. Chemical characterization was performed to determine the nature and extent of chemical contamination that may be present on, or in Building 444. Based upon a review of historical and process knowledge, visual inspections, and PDSP DQOs, additional sampling needs were determined. A Chemical Characterization Plan was developed during the planning phase that describes sampling requirements and the justification for the sample locations and estimated number of samples. The contaminants of concern were asbestos, beryllium, metals, RCRA/CERCLA constituents and polychlorinated biphenyls (PCBs). Refer to Attachments C-1 through C-9 for details on sample results and sample locations. Isolation control postings are displayed on affected structures to ensure no hazardous materials are introduced.

4.1 Asbestos

Prior to the PDS, asbestos abatement was conducted in most areas of Building 444. Friable and non-friable asbestos containing building materials were removed per CDPHE, Regulation No. 8, Part B, *Emission Standards for Asbestos*. The only remaining asbestos in the building is non-friable Category 1 asbestos containing concrete masonry unit (CMU) cinderblock wall skimcoat, roof felting material, and miscellaneous caulking material around window frames and floor seams. On this basis, no additional asbestos bulk sampling was performed as part of the PDS.

4.2 Beryllium (Be)

During the in-process stripout and decontamination phase of the Building 444 project, all areas containing loose beryllium contamination were either decontaminated to below the unrestricted release limit of 0.2 $\mu g/100cm^2$ or had fixatives applied to immobilize loose beryllium to levels below the unrestricted release limit of 0.2 $\mu g/100cm^2$. Following a complete power-wash, two methods were utilized to immobilize any remaining loose beryllium in the ventilation air tunnels underneath the Room 101 and 107 floors - fixatives followed by flow-fill (i.e., concrete slurry). Since Building 444 was on the list of Known Beryllium Areas, both random and biased PDS sampling was required.

Once the areas were pressure-washed and isolated from adjacent work areas, random and biased pre-fixative beryllium PDS wipes were collected and analyzed. If the pre-fixative wipe results were above 0.1 $\mu g/100cm^2$, either the surfaces were cleaned again and subsequent successful wipes were obtained, or fixatives were applied and then post-fixative wipes were collected to ensure the areas were below the unrestricted release limit of 0.2 $\mu g/100cm^2$, and the investigation level of 0.1 $\mu g/100cm^2$. In some cases, fixatives had to be applied more than once in order to achieve wipe results below the unrestricted release limit of 0.2 $\mu g/100cm^2$. Post flow-fill wipes were not possible inside the ventilation air tunnels underneath the Room 101 and 107 floors because the flow-fill made the tunnels inaccessible.

Random and biased beryllium wipe samples were collected in Building 444 in accordance with the PDSP and the *Beryllium Characterization Procedure,* PRO-536-BCPR, Revision 0, September 9, 1999. All final "as left" beryllium PDS wipe results were less than the site action levels of 0.1 $\mu g/100cm^2$ and the unrestricted release limit of 0.2 $\mu g/100cm^2$ (except for the ventilation ducts under Rooms 101 and 107). All demolition debris from Building 444 will be managed as LLW-PCB Bulk Product Waste or sanitary-PCB Bulk Product Waste. Detailed pre and post fixative PDS beryllium laboratory wipe data and location maps are contained in Attachment C-1 through C-8, *Beryllium Results Table and Sample Location Maps.*

4.3 RCRA/CERCLA Constituents [including metals and volatile organic compounds (VOCs)]

Based on the RLCR for the Building 444 Cluster Project, personnel interviews, facility walk-downs, and a review of historical WEMS/WSRIC processes, Building 444 had the potential of RCRA/CERCLA contamination. However, extensive sampling was performed during the RLC, and no areas of RCRA/CERCLA contamination were discovered. During the PDS one additional location (elevator pit floor, adjacent to Basement Room 3) was sampled for metals, SVOCs and VOCs. All results were less than the regulatory limits confirming Building 444 is not contaminated by RCRA/CERCLA constituents. The laboratory sample data and location maps are contained in Attachment C-9, *RCRA/CERCLA/PCB Data Summaries and Sample Maps.*

The building historically contained some RCRA regulated items, such as mercury thermostats, fluorescent light bulbs, mercury vapor light bulbs, mercury containing gauges, circuit boards, and lead-acid batteries. However, these items have been removed and managed in accordance with the Colorado Hazardous Waste Act. Building 444 maintained RCRA permitted units 40.02, 40.03, 40.04, 40.06, 40.35, 40.36, and 40.37 (B447). Closure of these units was address in the RSOP for Component Removal, and Decontamination which identified closure performance requirements including clean closure and closure by removal. These RCRA units have been properly closed in accordance with the RSOP notification. The tank secondary containment was scabbled and subsequently meets the debris treatment standard. The RSOP identified that closure notification (i.e., closure summary report information) would be included in the final building closeout report.

4.4 ~~Pol~~ychlorinated Biphenyls (PCBs)

Based on the RLCR for the Building 444 Cluster Project, personnel interviews, facility walk-downs, and a review of historical WSRIC processes, Building 444 did house machinery containing PCB oil or hydraulic fluid. Two locations of PCB contamination were discovered during the RLC on the floor of Room 245. These two locations were dispositioned during the in-process stripout and decontamination phase by removing the stained PCB contaminated area. One additional location on the Basement Room 3 elevator pit floor was sampled during the PDS. The PDS sample from the elevator pit demonstrated that the pit does not contain PCBs in excess of regulatory limits. The PDS sample data is presented in Attachment C-9, RCRA/CERCLA/*PCB Data Summaries and Maps.*

Based on the age of Building 444, paints used on the facility may contain PCBs, therefore, painted surfaces will be managed as PCB Bulk Product Waste.

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5 PHYSICAL HAZARDS

Physical hazards associated with Building 444 consists of those common to standard industrial environments, and include hazards associated with energized systems, utilities, and trips and falls. There are several below-grade pits, air tunnels and basement where heavy demolition equipment could fall through. Exterior transite wall paneling and exterior windows have been removed, thus, a majority of the building is already open to the environment. The facility has been relatively well maintained and is in good physical condition, therefore, does not present hazards associated with building deterioration. Physical hazards are controlled by the Site Occupational Safety and Industrial Hygiene Program, which is based on OSHA regulations, DOE orders, and standard industry practices.

6 DATA QUALITY ASSESSMENT

Data used in making management decisions for decommissioning of Building 444, and consequent waste management, is of adequate quality to support the decisions documented in this report. The data presented in this report (Attachments B and C) were verified and validated relative to DOE quality requirements, applicable EPA guidance, and original project DQOs.

In summary, the Verification and Validation (V&V) process corroborates that the following elements of the characterization process are adequate:

- the *number* of samples and surveys;
- the *types* of samples and surveys;
- the sampling/survey process as implemented "in the field"; and
- the laboratory analytical process, relative to accuracy and precision considerations.

Details of the DQA are provided in Attachment D.

7 DECOMMISSIONING WASTE TYPES AND VOLUME ESTIMATES

The demolition and disposal of Building 444 will generate a variety of wastes. Estimated waste types and waste volumes are presented below. Remaining surfaces will be managed either as sanitary-PCB Bulk Product Waste or LLW-PCB Bulk Product Waste. PCB ballast and hazardous waste items have been removed and managed pursuant to Site PCB and waste management procedures. Building 444 concrete will not be used as onsite backfill.

WASTE TYPES AND VOLUME ESTIMATES

Facility	Concrete (cu ft)	Wood (cu ft)	Metal (cu ft)	Corrugated Sheet Metal (cu ft)	Wall Board (cu ft)	ACM (cu ft)	Other Waste (cu ft)
444	120,000-sanitary 90,000 – LLW	0	7,000 – sanitary 3,500-LLW	0	0	3,000 - Cat 1 Non-friable	10,300 – Built up roofing

8 FACILITY CLASSIFICATION AND CONCLUSIONS

Based on the analysis of radiological, chemical and physical hazards, Building 444 is ready for demolition. The PDS for Building 444 was performed in accordance with the DDCP and PDSP, all PDSP DQOs were met, and all data satisfied the PDSP DQA criteria. The LLW radiological survey Data Quality Objectives (DQOs) were met by following Radiological Safety Practice procedures 3-PRO-165-07.02, *Contamination Monitoring Requirements*, and PRO-267-RSP-09.05, *Radiological Characterization for Surface Contaminated Objects*. The PDSP radiological MDA's were met for all radiological surveys. Environmental media beneath and surrounding the facilities will be addressed at a future date in accordance with the Soil Disturbance Permit process and in compliance with RFCA.

PDS results indicated that RCRA/CERCLA constituents do not exist in excess of the PDSP unrestricted release limits. PCB-containing fluorescent light ballast and hazardous waste items (e.g., mercury thermostats, fluorescent light bulbs, mercury vapor light bulbs, mercury-containing gauges, circuit boards, leaded glass, and lead-acid batteries) were previously removed from the building and do not impact demolition activities.

Asbestos abatement was conducted in Building 444 prior to the PDS. Friable and non-friable asbestos containing building materials were removed per CDPHE, Regulation No. 8, Part B, *Emission Standards for Asbestos*. The only remaining asbestos in the building is non-friable Category 1 asbestos containing concrete masonry unit (CMU) cinderblock wall skimcoat, roof felting material, and miscellaneous caulking material around window frames and floor seams.

PDS results indicate that radiological contaminates exist in excess of the PDSP (Pre-Demolition Survey Plan) unrestricted release limits in certain locations within the building and fixatives were used to immobilize loose radiological and beryllium contamination. Therefore, these portions of the building will be managed as Low Level Waste (LLW)-PCB Bulk Product Waste during demolition. Other areas of Building 444 met the PDSP unrestricted release limits and will be managed as sanitary-PCB Bulk Product Waste during demolition. Portions of the 444 building (i.e., the Northwest Annex) have already been demolished (demolition was approved via RFCA Contact Records).

Fixatives were used to immobilize loose beryllium contamination. All post-fixative beryllium sample results were below the investigative level of 0.1 $\mu g/100cm^2$ (except the ventilation ducts under Rooms 101 and 107).

Based upon this PDSR, Building 444 can be demolished and the waste managed as LLW-PCB Bulk Product Waste or sanitary-PCB Bulk Product Waste, as applicable. None of the concrete will be used for onsite backfill. Under-slab utilities and piping systems will be treated as radioactive and beryllium contaminated, and characterized and managed appropriately during demolition. To ensure that the facility remains free of further contamination and PDS data remain valid, Level 2 Isolation Controls have been established and the area posted accordingly.

9 REFERENCES

DOE/RFFO, CDPHE, EPA, 1996. *Rocky Flats Cleanup Agreement (RFCA)*, July 19, 1996.

DOE Order 5400.5, *Radiation Protection of the Public and the Environment*

DOE Order 414.1A, *Quality Assurance*

EPA, 1994. *The Data Quality Objective Process,* EPA QA/G-4.

K-H, 1999. *Decommissioning Program Plan*, June 21, 1999.

MAN-131-QAPM, *Kaiser-Hill Team Quality Assurance Program*, Rev. 1, November 1, 2001.

MAN-076-FDPM, *Facility Disposition Program Manual*, Rev. 3, January 1, 2002.

MAN-077-DDCP, *Decontamination and Decommissioning Characterization Protocol*, Rev. 4, July 15, 2002.

MAN-127-PDSP, *Pre-Demolition Survey Plan for D&D Facilities*, Rev. 1, July 15, 2002.

MARSSIM - *Multi-Agency Radiation Survey and Site Investigation Manual* (NUREG-1575, EPA 402-R-97-016).

PRO-475-RSP-16.01, *Radiological Survey/Sampling Package Design, Preparation, Control, Implementation, and Closure,* Rev. 1, May 22, 2001.

PRO-476-RSP-16.02, *Pre-Demolition (Final Status) Radiological Surveys of Surfaces and Structures*, Rev. 1, May 22, 2001.

PRO-477-RSP-16.03, *Radiological Samples of Building Media*, Rev. 1, May 22, 2001.

PRO-478-RSP-16.04, *Radiological Survey/Sample Data Analysis for Final Status Survey*, Rev. 1, May 22, 2001.

PRO-479-RSP-16.05, *Radiological Survey/Sample Quality Control for Final Status Survey*, Rev. 1, May 22, 2001.

PRO-563-ACPR, *Asbestos Characterization Procedure,* Revision 0, August 24, 1999.

PRO-536-BCPR, *Beryllium Characterization Procedure*, Revision 0, August 24, 1999.

RFETS, Environmental Waste Compliance Guidance #25, Management of Polychlorinated Biphenyls (PCBs) in Paint and Other Bulk Product Waste During Facility Disposition.

RFETS, Environmental Waste Compliance Guidance #27, Lead-Based Paint (LBP) and Lead-Based Paint Debris Disposal.

RFETS, RFCA RSOP for Recycling Concrete, September 28, 1999

Building 444 Cluster Project Reconnaissance Level Characterization Report, Dated September 5, 2002 (Revision 0).

Historical Site Assessment Report for Buildings 444, 447, 448, 450, 451 and 455, dated January 2002.

ATTACHMENT A

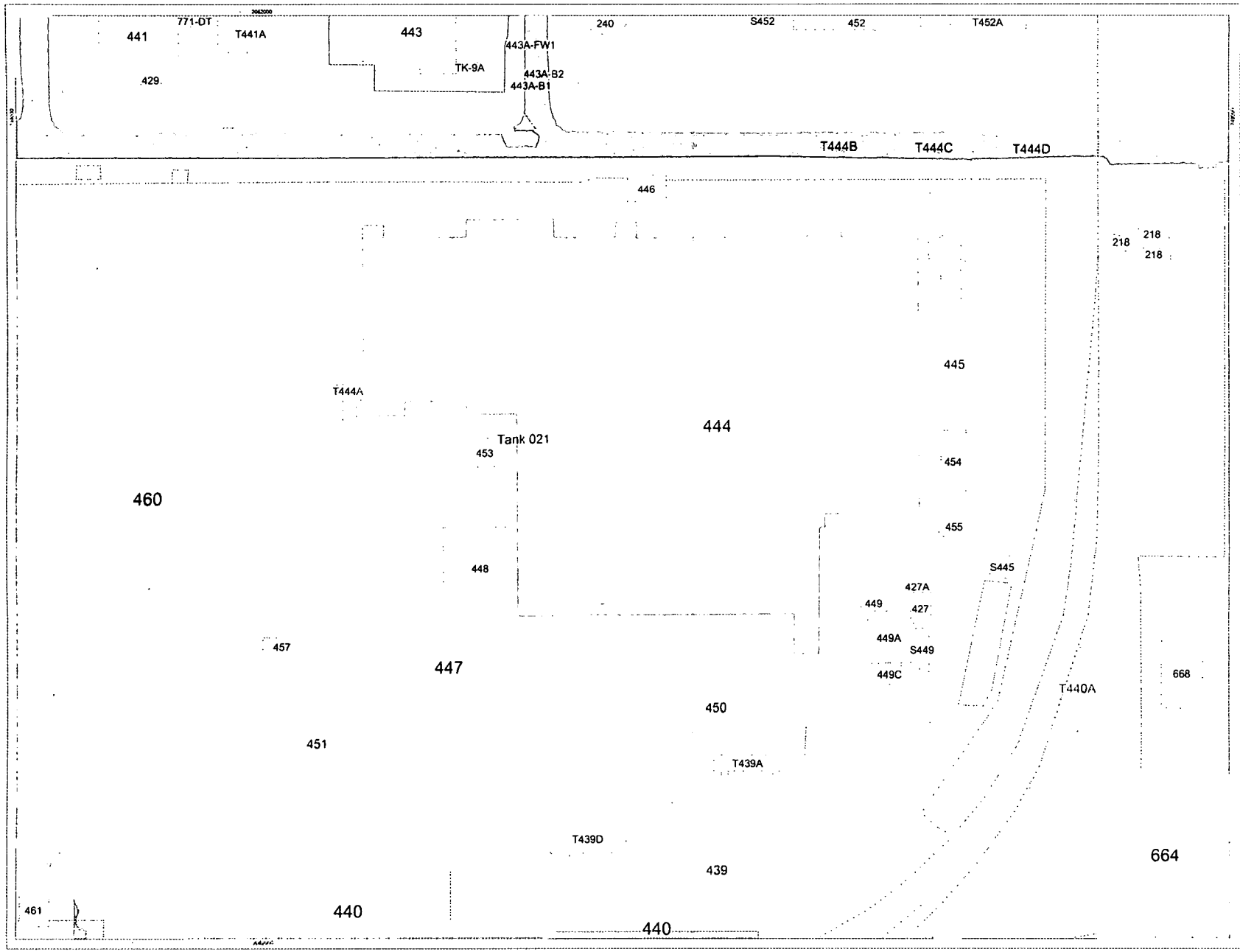
Facility Location Map

&

VIA Overview Maps

&

LLW Area Overview Maps



Rocky Flats Environmental Technology Site

Building 444 Location Map

Map Features

- Buildings Remaining
- 444
- D&D Facility
- Paved Roads
- Dirt Roads
- Railroad Removed
- Railroad Remaining
- Fence Removed
- Fence Remaining
- Streams

N

Feet = 1:400
1 inch equals 33 feet

State Plane Coordinate Projection
Colorado Central Zone (3476)
Datum: NAD27

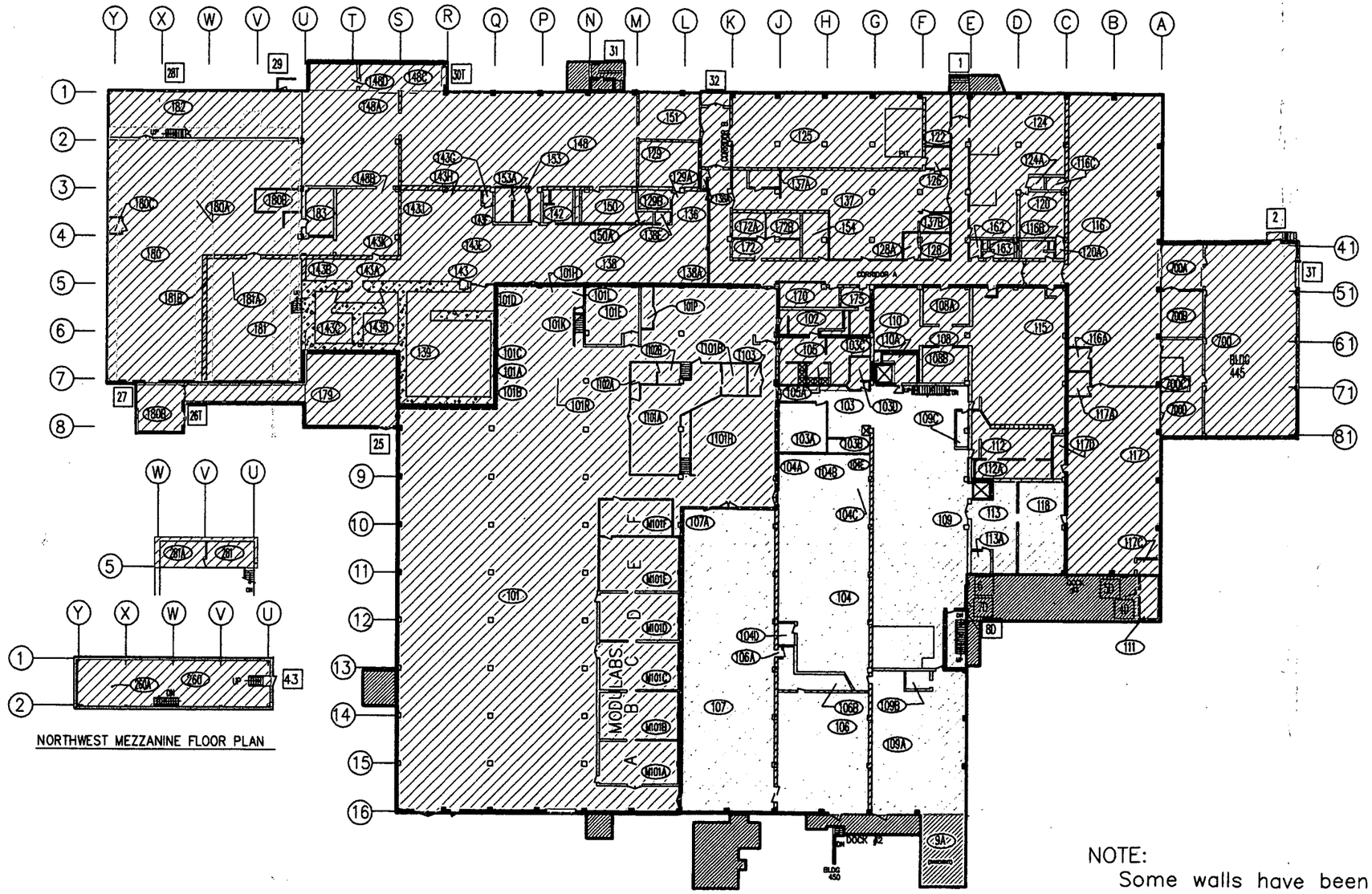
U.S. Department of Energy
Rocky Flats Environmental Technology Site

GIS Dept. (303) 966-7707

Prepared By: CH2MHILL

Prepared For: KAISER-HILL

W:\Blog_chan\Project\SVA 883Cluster\B883_LoPlan.mxd



NORTHWEST MEZZANINE FLOOR PLAN

KEY

- B444 VIA-1
- B444 VIA-2
- B444 VIA-4
- B444 VIA-6
- B444 VIA-9
- B445 VIA-1

NOTE:
Some walls have been removed during in process stripout. Refer to individual survey & sample maps to view walls removed.

BERYLLIUM KEY MAP

B444, 445 FIRST FLOOR PLAN VIEW

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 48
0 METERS 15

1 inch = 48 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC. A Kaiser-Hill Engineering Group Company

Prepared for: KAISER HILL

File Name: B444, 445 1st Fl Be Key Map.DWG | Sheet: 1 of 1 | Rev: 0

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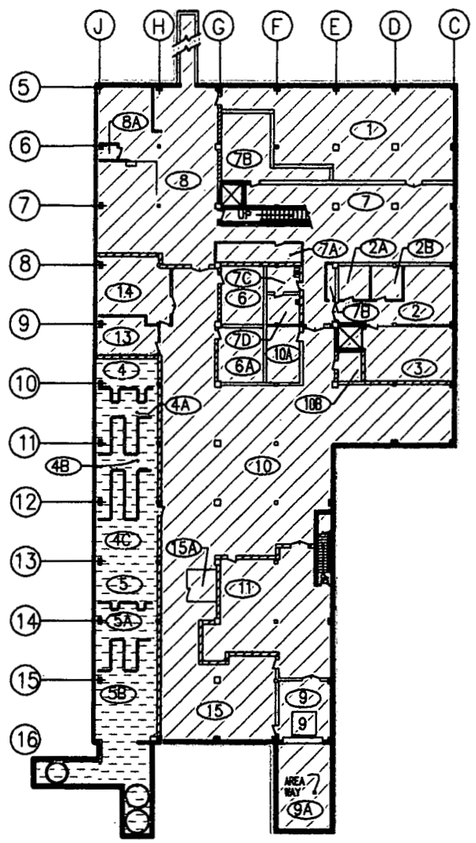
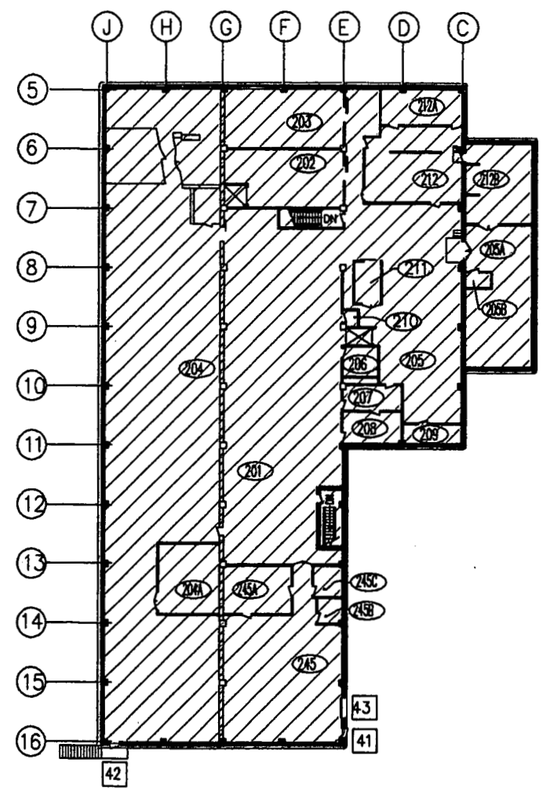
814



VIA 6 & 7 (BASEMENT) FLOOR PLAN



VIA 3 (MEZZANINE) FLOOR PLAN

KEY

- VIA-3
- VIA-6
- VIA-7

NOTE:
Some walls have been removed during in process stripout. Refer to individual survey & sample maps to view walls removed.

BERYLLIUM KEY MAP

B444 Basement, Mezzanine PLAN VIEW

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 48
0 METERS 15

1 inch = 48 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RF/CDS Rocky Flats Closure Site Services, LLC. A Raytheon Engineers Constructors Company

Prepared for: KAISER HILL

File Name: B444 VIA-3, 6, & 7 Key Map.DWG | Sheet: 1 of 1 | Rev: 0

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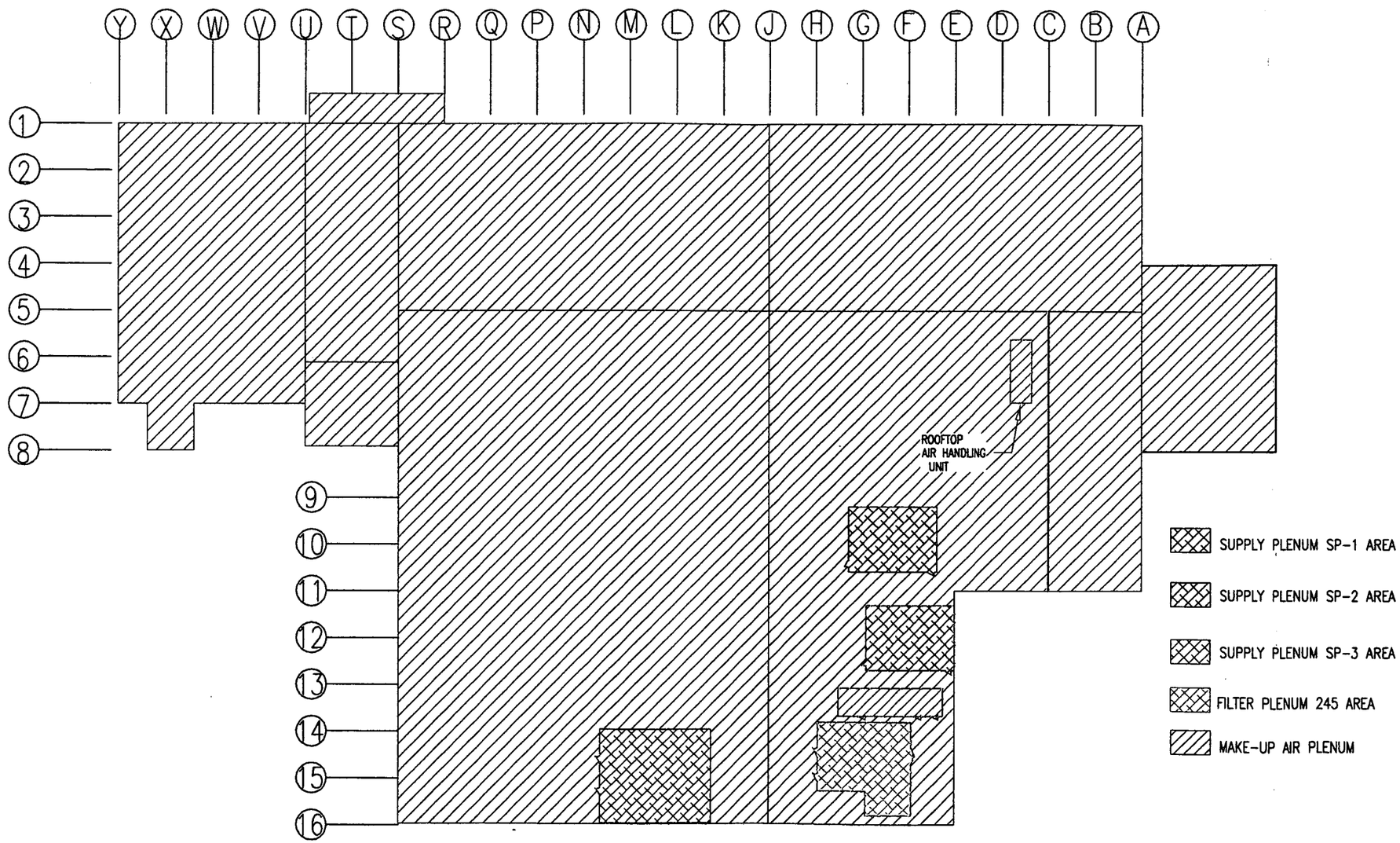

BERYLLIUM KEY MAP

B444 ROOF VIA 8 PLAN VIEW

N

0 FEET 48
0 METERS 15

1 inch = 48 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC. Washington Group/Cogema

Prepared for: KAISER HILL

File Name: B444 VIA - 8 KEY MAP.DWG | Sheet: 1 of 1 | Rev: 0

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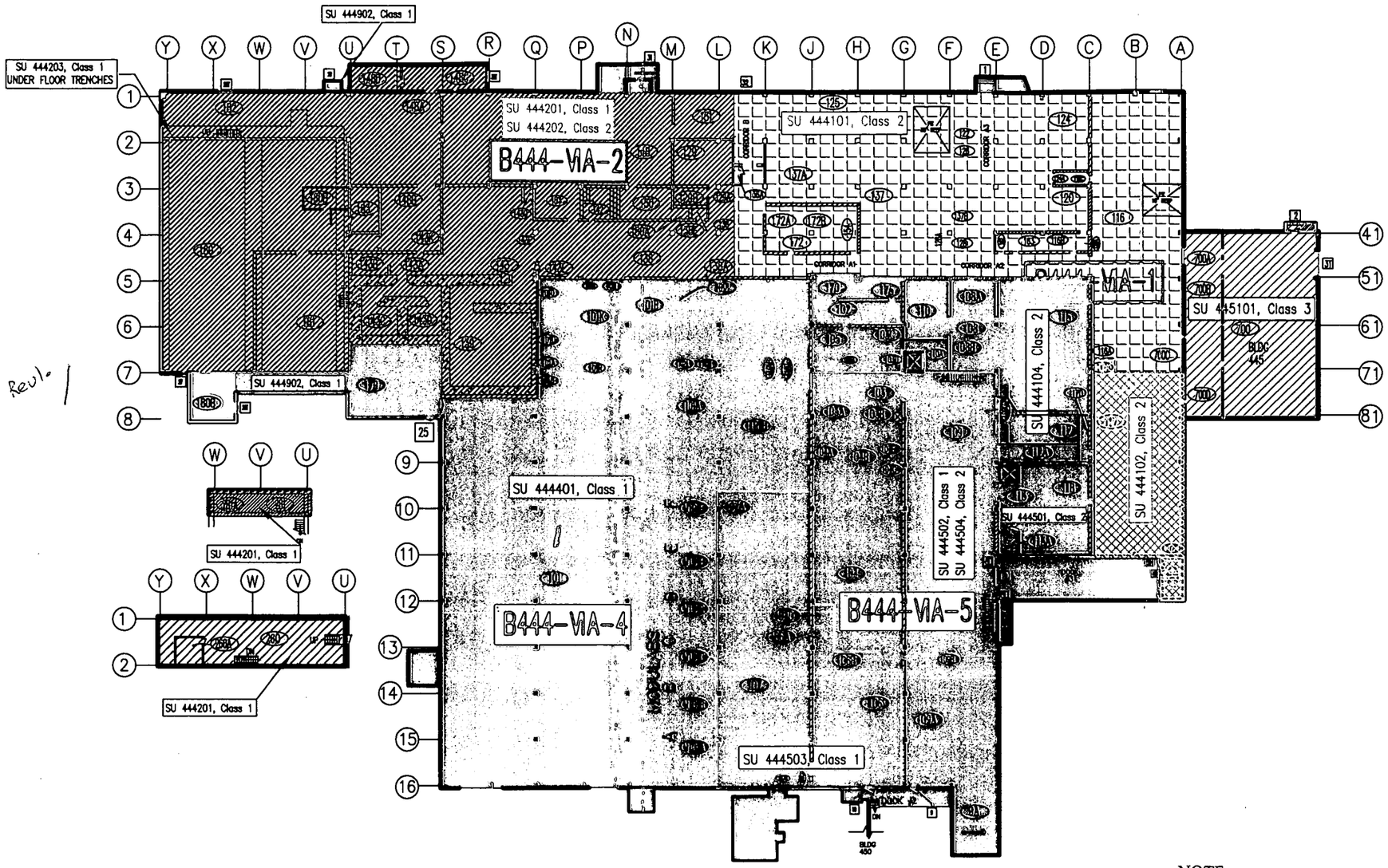

Revl

NOTE:
Some walls have been removed during stripont. Refer to individual VIA Radiological key maps to view walls removed.

RADIOLOGICAL KEY MAP
BUILDING 444, 445 FIRST FLOOR PLAN VIEW

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Low Level Waste Area
- RCRA/CERCLA Sample Location
- Beryllium Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 48
0 METERS 16

1 inch = 48 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCS Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS_444 FIRST FLOOR KEYMAP | Sheet 1of 1 | Rev: 3

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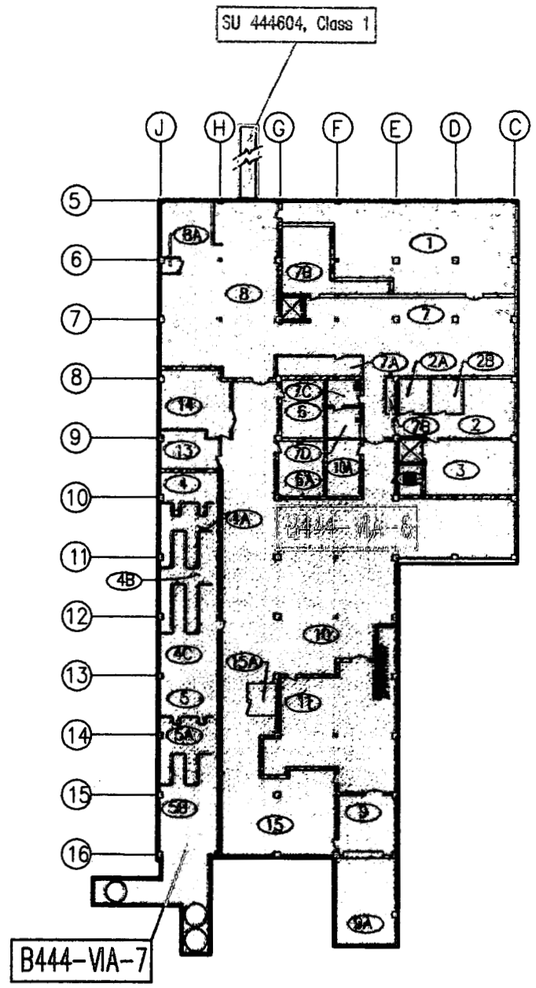
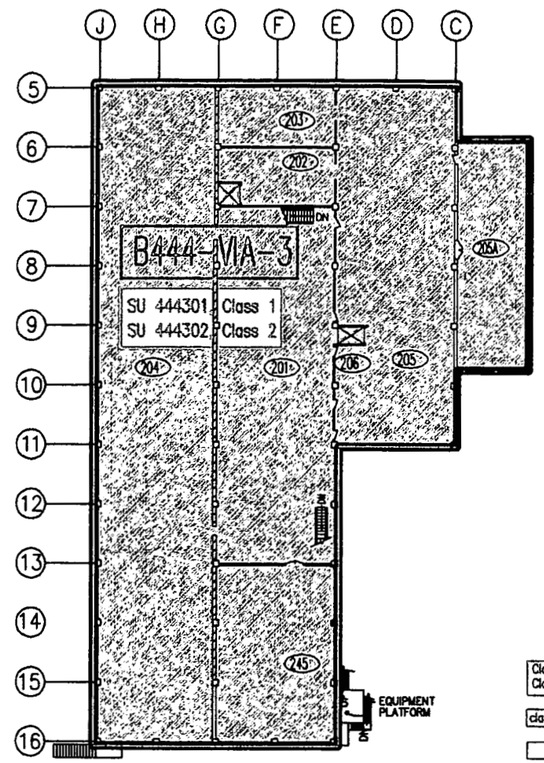


VIA- 6, 7 (BASEMENT) FLOOR PLAN



VIA-3 (MEZZANINE) FLOOR PLAN

Class-1 / Class-2 — CLASS-1 FLOOR and <2m WALLS; CLASS-2 CEILING and >2m WALLS

class-1 — ALL SURFACES

LOW LEVEL WASTE AREA

NOTE:
Some walls have been removed during stripont. Refer to individual VIA Radiological key maps to view walls removed.

BUILDING 444 BASEMENT, MEZZANINE FLOOR PLAN VIEW

RADIOLOGICAL KEY MAP

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Low Level Waste Area
- RCRA/CERCLA Sample Location
- Beryllium Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 48
0 METERS 16

1 inch = 48 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared for:
KAISER HILL

File Name:R 444 VIA-3,6&7 KEYMAP.DWG | Sheet: 1of 1 | Rev: 3

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ATTACHMENT B

Radiological Survey Data

ATTACHMENT B-1

VIA 1 PRE-FIXATIVE LLW SURVEY FORMS

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	NE Electra	Mfg.	NE Electra
Model	Sac 4	Model	DP-6	Model	DP-6
Serial #	N/A	Serial #	1366	Serial #	3105
Cal Due	N/A	Cal Due	4/5/05	Cal Due	4/15/05
Bkg	N/A cpmα	Bkg	5.0 cpmα	Bkg	1.0 cpmα
Efficiency	N/A %	Efficiency	22.30 %	Efficiency	21.40 %
MDA	20 dpmα	MDA	59 dpmα	MDA	34 dpmα
Mfg.	Eberline	Mfg.	NE Electra	Mfg.	NE Electra
Model	BC-4	Model	DP-6	Model	DP-6
Serial #	843	Serial #	1366	Serial #	3105
Cal Due	10/4/05	Cal Due	4/5/05	Cal Due	4/15/05
Bkg	42.8 cpmβ	Bkg	799.0 cpmβ	Bkg	734.0 cpmβ
Efficiency	14.00 %	Efficiency	22.00 %	Efficiency	22.00 %
MDA	258 dpmβ	MDA	745 dpmβ	MDA	745 dpmβ

Survey Tracking # ~~N/A~~ ~~444~~ VIA 1-01

Survey Type: Contamination

Building: 444 1030

Location: VIA 1 (Rms. 102, 103C, 105, 170 + 175)

Purpose: LLW Characterization (pre fix) floor (direct + removable)

RWP #: N/A

Date: 12/17/04 **Time:** 1600

RCT: C. Sutton [redacted]
Print name Signature

RCT: F. Mojica [redacted]
Print name Signature

PRN/REN # : N/A

Comments: Nuclide of concern is Depleted Uranium (DU).1 Survey performed to document contamination levels of B444 VIA 1 Rms 102, 103C, 105, 170, and 175, Performed direct readings and swipe of floors, walls, and remaining equipment in 559 offices. Beta efficiencies listed reflect correction for Depleted Uranium (DU), calibrated efficiency for BC-4 #843 is 25%, for Electra #1366 is 30.6% and for Electra #3105 is 30.2 %.

Survey Results

#	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Rm 170/175 floor	N/A	N/A	N/A	<258	<745	N/A
2	Rm 170/175 floor	N/A	N/A	N/A	<258	<745	N/A
3	Rm 170/175 floor	N/A	N/A	N/A	<258	<745	N/A
4	Rm 170/175 floor	N/A	N/A	N/A	<258	<745	N/A
5	Rm 170/175 floor	N/A	N/A	N/A	<258	<745	N/A
6	Rm 170/175 floor	N/A	N/A	N/A	<258	<745	N/A
7	Rm 102 floor	N/A	N/A	N/A	<258	<745	N/A
8	Rm 102 floor	N/A	N/A	N/A	<258	<745	N/A
9	Rm 102 floor	N/A	N/A	N/A	<258	<745	N/A
10	Rm 102 floor	N/A	N/A	N/A	<258	<745	N/A
11	Rm 102 floor	N/A	N/A	N/A	<258	<745	N/A
12	Rm 102 floor	N/A	N/A	N/A	<258	<745	N/A
13	Rm 102 floor	N/A	N/A	N/A	<258	<745	N/A
14	Rm 102 floor	N/A	N/A	N/A	<258	<745	N/A
15	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
16	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
17	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
18	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
19	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
20	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A

Date Reviewed: 12/17/04 **RS Supervision:** G.S. Treadwell [redacted]
Print Name Signature

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

	LOCATION	ALPHA			BETA		
		Swipe	Direct	Wipe	Swipe	Direct	Wipe
#		dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
21	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
22	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
23	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
24	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
25	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
26	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
27	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
28	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
29	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
30	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
31	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
32	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
33	Rm 103/105 Floor	N/A	N/A	N/A	<258	<745	N/A
34	Rm 102 floor	N/A	N/A	N/A	<258	<745	N/A
35	Rm 102 floor	N/A	N/A	N/A	<258	<745	N/A
36	Rm 170/175 floor	N/A	N/A	N/A	<258	<745	N/A
37	Rm 170/175 floor	N/A	N/A	N/A	<258	<745	N/A
38	Rm 170/175 floor	N/A	N/A	N/A	<258	<745	N/A
39	Rm 170/175 floor	N/A	N/A	N/A	<258	<745	N/A
40	Rm 170/175 floor	N/A	N/A	N/A	<258	<745	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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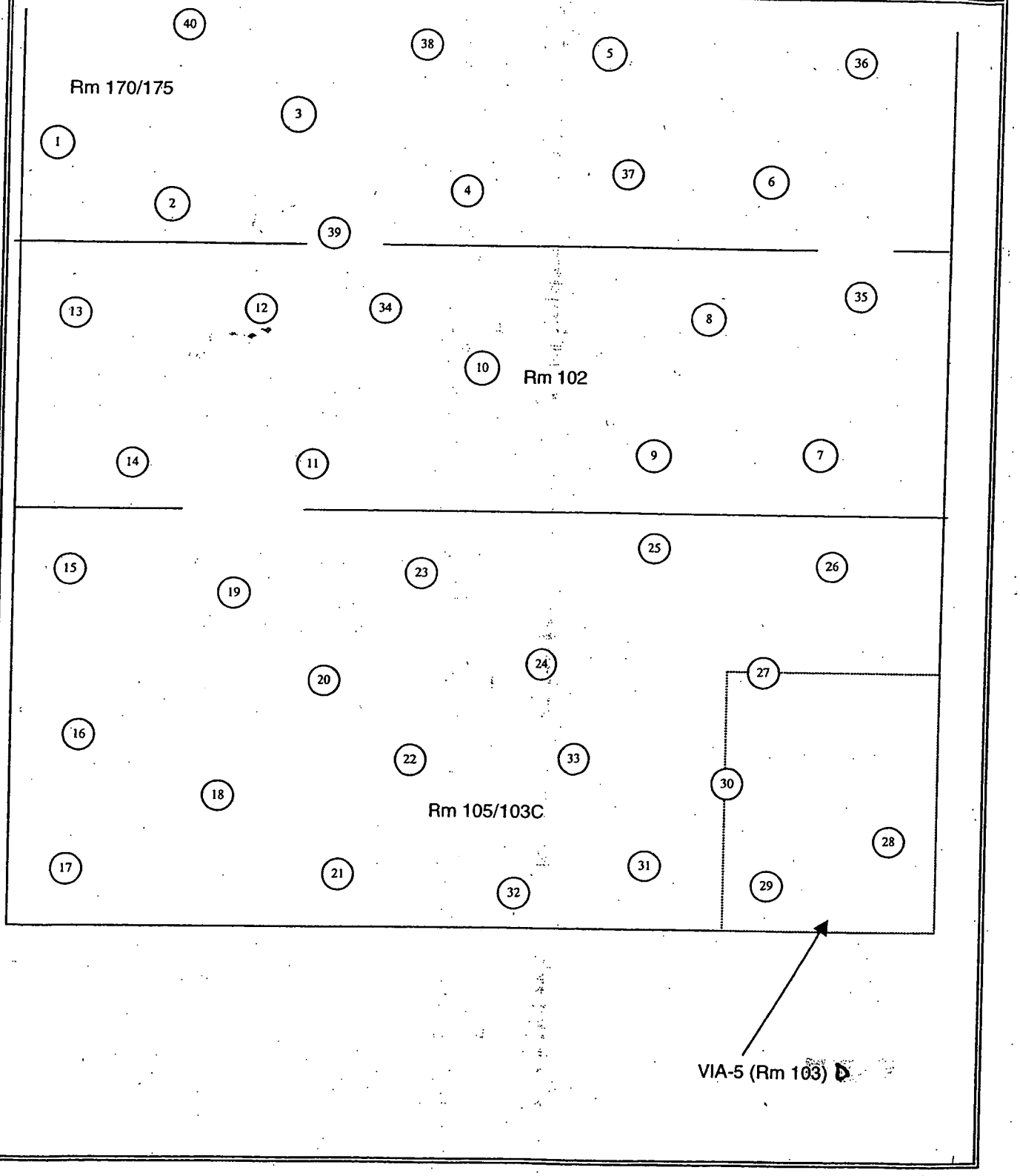
814

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE



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COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	N/A	Mfg.	EBERLINE	Mfg.	NE
Model	N/A	Model	N/A	Model	ELECTRA
Serial #	N/A	Serial #	N/A	Serial #	2395
Cal Due	N/A	Cal Due	N/A	Cal Due	5/24/05
Bkg	N/A	Bkg	N/A cpmα	Bkg	3 cpmα
Eff.	N/A	Eff.	N/A %	Eff.	17.0 %
MDDR	N/A	MDA	N/A dpmα	MDA	94 dpmα
Mfg.	N/A	Mfg.	EBERLINE	Mfg.	NE
Model	N/A	Model	N/A	Model	ELECTRA
Serial #	N/A	Serial #	N/A	Serial #	2395
Cal Due	N/A	Cal Due	N/A	Cal Due	5/24/05
Bkg	N/A	Bkg	N/A cpmβ	Bkg	743 cpmβ
Eff.	N/A	Eff.	N/A %	Eff.	22.0 %
MDDR	N/A	MDA	N/A dpmβ	MDA	745 dpmβ

SURVEY TRACKING #: 444-VIA1-02

Survey Type: α/β Contamination

Building: 444

Location: VIA-~~8~~ | (Rms. 108, A+B, 110, 110A, 112, 112A, 112A, 115)

Purpose: Characterization (Direct) Pre-fix

RWP #: 04-444-0005

Date: 12/15/04 Time: 11:00

RCT: [redacted]

RCT: [redacted]

Print name Signature Emp. #

PRN/REN # : N/A

Comments: Isotope of concern is U-238. Direct PAT Survey on Floor only. Bkg. 923 cpm Beta & 0 cpm Alpha.

SURVEY RESULTS

#	Location	Direct Alpha dpm/100cm2	Direct Beta dpm/100cm2	Dose Rate Gamma/ X-ray	#	Location	Direct Alpha dpm/100cm2	Direct Beta dpm/100cm2	Dose Rate Gamma/ X-ray
1	See Map	<94	<745	N/A	23	See Map	<94	<745	N/A
2	See Map	<94	<745	N/A	24	See Map	<94	<745	N/A
3	See Map	<94	<745	N/A	25	See Map	<94	<745	N/A
4	See Map	<94	<745	N/A	26	See Map	<94	<745	N/A
5	See Map	<94	<745	N/A	27	See Map	<94	<745	N/A
6	See Map	<94	<745	N/A	28	See Map	<94	<745	N/A
7	See Map	<94	<745	N/A	29	See Map	<94	**3250**	N/A
8	See Map	<94	<745	N/A	30	See Map	<94	**3285**	N/A
9	See Map	<94	<745	N/A	31	See Map	<94	**3415**	N/A
10	See Map	<94	<745	N/A	32	See Map	<94	**6280**	N/A
11	See Map	<94	<745	N/A	33	See Map	<94	<745	N/A
12	See Map	<94	<745	N/A	34	See Map	<94	<745	N/A
13	See Map	<94	<745	N/A	35	See Map	<94	<745	N/A
14	See Map	<94	<745	N/A	36	See Map	<94	**8075**	N/A
15	See Map	<94	**3825**	N/A	37	See Map	<94	<745	N/A
16	See Map	<94	<745	N/A	38	See Map	<94	**1225**	N/A
17	See Map	<94	<745	N/A	39	See Map	<94	<745	N/A
18	See Map	<94	<745	N/A	40	See Map	<94	<745	N/A
19	See Map	<94	<745	N/A	41	See Map	<94	<745	N/A
20	See Map	<94	<745	N/A	42	See Map	<94	<745	N/A
21	See Map	<94	<745	N/A	43	See Map	<94	<745	N/A
22	See Map	<94	<745	N/A	44	See Map	<94	<745	N/A

Date Reviewed: 12-16-04 **RS Supervision:** [redacted]

Print Name Signature Emp. #

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COF

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

#	Location	Direct Alpha dpm/100cm2	Direct Beta dpm/100cm2	Dose Rate Gamma/ X-ray	#	Location	Direct Alpha dpm/100cm2	Direct Beta dpm/100cm2	Dose Rate Gamma/ X-ray
45	See Map	<94	<745	N/A	90	See Map	N/A	N/A	N/A
46	See Map	<94	<745	N/A	91	See Map	N/A	N/A	N/A
47	See Map	<94	<745	N/A	92	See Map	N/A	N/A	N/A
48	See Map	<94	<745	N/A	93	See Map	N/A	N/A	N/A
49	See Map	<94	<745	N/A	94	See Map	N/A	N/A	N/A
50	See Map	<94	<745	N/A	95	See Map	N/A	N/A	N/A
51	See Map	<94	<745	N/A	96	See Map	N/A	N/A	N/A
52	See Map	<94	<745	N/A	97	See Map	N/A	N/A	N/A
53	See Map	<94	<745	N/A	98	See Map	N/A	N/A	N/A
54	See Map	<94	<745	N/A	98	See Map	N/A	N/A	N/A
55	See Map	<94	<745	N/A	99	See Map	N/A	N/A	N/A
56	See Map	<94	<745	N/A	100	See Map	N/A	N/A	N/A
57	See Map	<94	<745	N/A	101	See Map	N/A	N/A	N/A
58	See Map	<94	<745	N/A	102	See Map	N/A	N/A	N/A
59	See Map	<94	<745	N/A	103	See Map	N/A	N/A	N/A
60	See Map	<94	<745	N/A	104	See Map	N/A	N/A	N/A
61	See Map	<94	<745	N/A	105	See Map	N/A	N/A	N/A
62	See Map	<94	<745	N/A	106	See Map	N/A	N/A	N/A
63	See Map	<94	<745	N/A	107	See Map	N/A	N/A	N/A
64	See Map	<94	<745	N/A	108	See Map	N/A	N/A	N/A
65	See Map	<94	<745	N/A	109	See Map	N/A	N/A	N/A
66	See Map	<94	<745	N/A	110	See Map	N/A	N/A	N/A
67	See Map	<94	<745	N/A	111	See Map	N/A	N/A	N/A
68	See Map	<94	<745	N/A	112	See Map	N/A	N/A	N/A
69	See Map	<94	**6605**	N/A	113	See Map	N/A	N/A	N/A
70	See Map	<94	<745	N/A	114	See Map	N/A	N/A	N/A
71	See Map	<94	<745	N/A	115	See Map	N/A	N/A	N/A
72	See Map	<94	<745	N/A	116	See Map	N/A	N/A	N/A
73	See Map	<94	<745	N/A	117	See Map	N/A	N/A	N/A
74	See Map	<94	<745	N/A	118	See Map	N/A	N/A	N/A
75	See Map	<94	<745	N/A	119	See Map	N/A	N/A	N/A
76	See Map	<94	<745	N/A	120	See Map	N/A	N/A	N/A
77	See Map	<94	<745	N/A	121	See Map	N/A	N/A	N/A
78	See Map	<94	<745	N/A	122	See Map	N/A	N/A	N/A
79	See Map	<94	<745	N/A	123	See Map	N/A	N/A	N/A
80	See Map	<94	<745	N/A	124	See Map	N/A	N/A	N/A
81	See Map	<94	<745	N/A	125	See Map	N/A	N/A	N/A
82	See Map	<94	<745	N/A	126	See Map	N/A	N/A	N/A
83	See Map	<94	<745	N/A	127	See Map	N/A	N/A	N/A
84	See Map	<94	<745	N/A	128	See Map	N/A	N/A	N/A
85	See Map	<94	<745	N/A	129	See Map	N/A	N/A	N/A
86	See Map	<94	<745	N/A	130	See Map	N/A	N/A	N/A
87	See Map	<94	<745	N/A	131	See Map	N/A	N/A	N/A
88	See Map	<94	**8790**	N/A	132	See Map	N/A	N/A	N/A
89	See Map	N/A	N/A	N/A	133	See Map	N/A	N/A	N/A

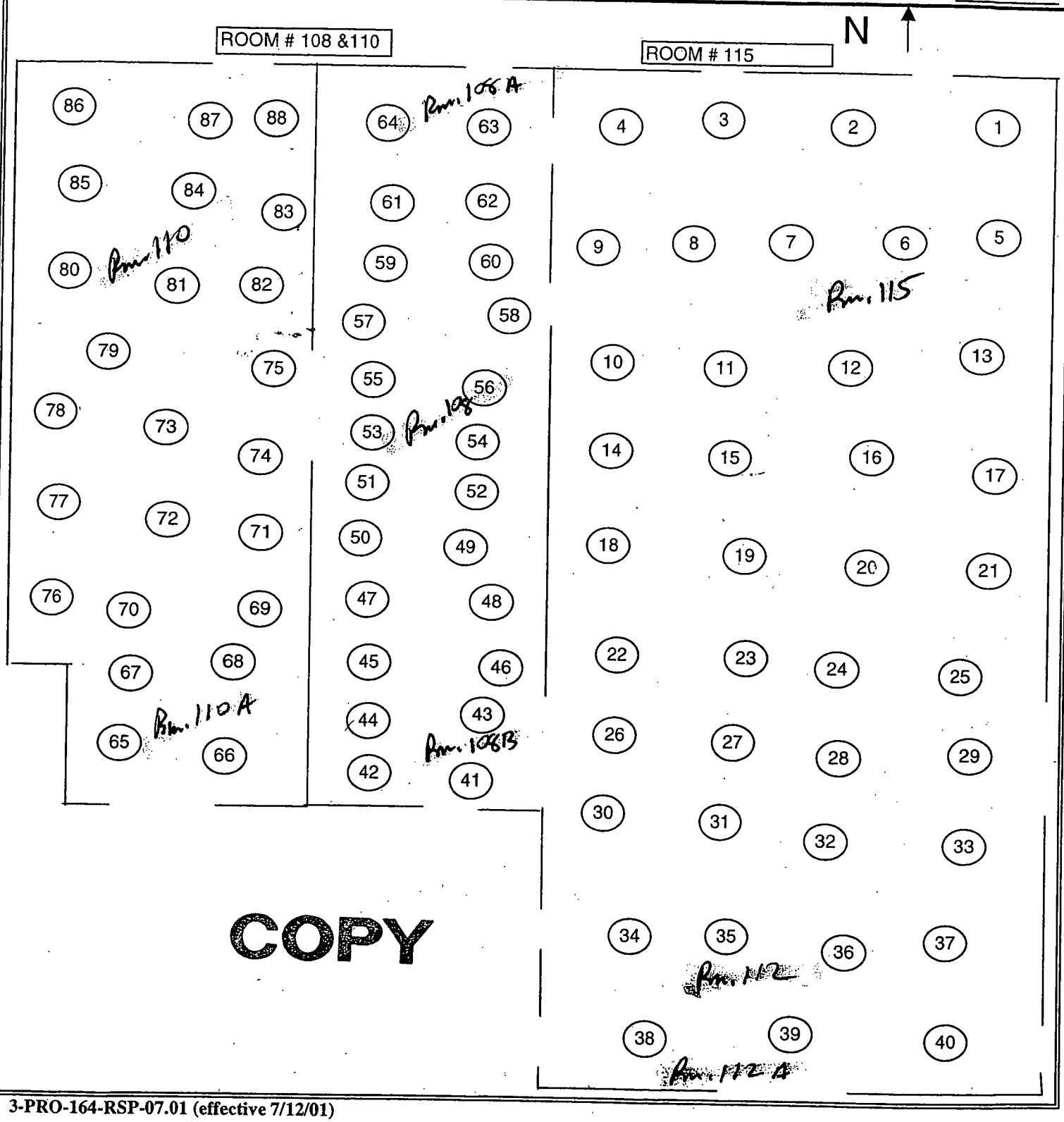
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: VIA-5
Purpose: Characterization Survey

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Page 3 of 3
Date: 12/15/04
Time: 11:00 AM



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3-PRO-164-RSP-07.01 (effective 7/12/01)

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Ludlum	Mfg.	Eberline	Mfg.	NE Electra
Model	2929	Model	SAC-4	Model	DP-6
Serial #	N/A	Serial #	N/A	Serial #	2340
Cal Due	N/A	Cal Due	N/A	Cal Due	5/15/05
Bkg	N/A cpmα	Bkg	N/A cpmα	Bkg	3.0 cpmα
Efficiency	N/A %	Efficiency	33.00 %	Efficiency	22.60 %
MDA	18 dpmα	MDA	20 dpmα	MDA	48 dpmα
Mfg.	Ludlum	Mfg.	Eberline	Mfg.	NE Electra
Model	2929	Model	BC-4	Model	DP-6
Serial #	N/A	Serial #	843	Serial #	2340
Cal Due	N/A	Cal Due	10/4/05	Cal Due	5/15/05
Bkg	N/A cpmβ	Bkg	41.2 cpmβ	Bkg	721.0 cpmβ
Efficiency	N/A %	Efficiency	14.00 %	Efficiency	22.00 %
MDA	205 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey Tracking # ~~N/A~~ 444-VIA1-03
Survey Type: Contamination
Building: 444
Location: VIA I
Purpose: Depost of CA (Pre-fix)

RWP #: N/A

Date: 12/4/04 Time: 0800

RCT: [redacted]
Print name / Signature / Emp. #

RCT: N/A / N/A / N/A
Print name / Signature / Emp. #

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PRN/REN # : N/A

Comments: Nuclides of concern is Uranium. Survey performed to verify contamination levels prior to deposting CA in VIA I. Beta efficiencies listed reflect correction for Depleted Uranium, calibrated efficiency for Electra # 2340 was 29.6% and for BC-4 #843 was 25.0%.

SURVEY RESULTS

	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
#		dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
1	Floor	N/A	N/A	N/A	<258	N/A	<745
2	Floor	N/A	N/A	N/A	<258	<745	N/A
3	Floor	N/A	N/A	N/A	<258	N/A	<745
4	Floor	N/A	N/A	N/A	<258	<745	<745
5	Floor	N/A	N/A	N/A	<258	N/A	<745
6	Floor	N/A	N/A	N/A	<258	<745	N/A
7	Floor	N/A	N/A	N/A	<258	<745	<745
8	Wall	N/A	N/A	N/A	<258	N/A	<745
9	Wall	N/A	N/A	N/A	<258	N/A	<745
10	Wall	N/A	N/A	N/A	<258	N/A	<745
11	Wall	N/A	N/A	N/A	<258	<745	N/A
12	Floor	N/A	N/A	N/A	<258	N/A	<745
13	Floor	N/A	N/A	N/A	<258	<745	<745
14	Wall	N/A	N/A	N/A	<258	N/A	<745
15	Floor	N/A	N/A	N/A	<258	N/A	<745
16	Floor	N/A	N/A	N/A	<258	N/A	<745
17	Wall	N/A	N/A	N/A	<258	<745	N/A
18	Floor	N/A	N/A	N/A	<258	N/A	<745
19	Floor	N/A	N/A	N/A	<258	<745	<745
20	Floor	N/A	N/A	N/A	<258	<745	N/A

Date Reviewed: 12/6/04 **RS Supervision:** [redacted]
Print Name / Signature / Emp. #

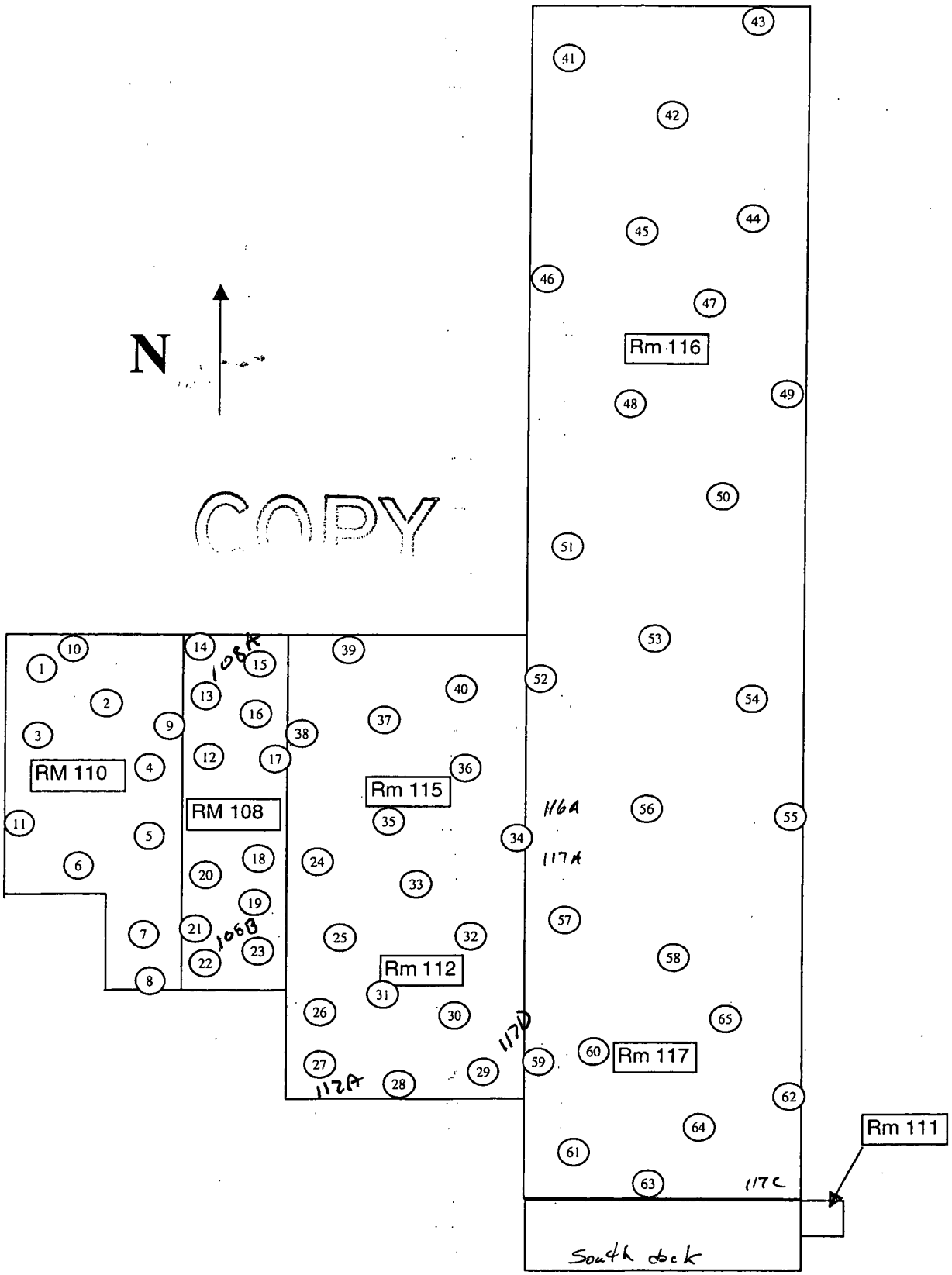
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

#	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
		dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
21	Wall	N/A	N/A	N/A	<258	N/A	N/A
22	Floor	N/A	N/A	N/A	<258	<745	<745
23	Floor	N/A	N/A	N/A	<258	N/A	N/A
24	Floor	N/A	N/A	N/A	<258	<745	N/A
25	Floor	N/A	N/A	N/A	<258	N/A	<745
26	Floor	N/A	N/A	N/A	<258	<745	N/A
27	Floor	N/A	N/A	N/A	<258	N/A	<745
28	Wall	N/A	N/A	N/A	<258	<745	N/A
29	Floor	N/A	N/A	N/A	<258	N/A	N/A
30	Floor	N/A	N/A	N/A	<258	N/A	N/A
31	Floor	N/A	N/A	N/A	<258	<745	<745
32	Floor	N/A	N/A	N/A	<258	<745	N/A
33	Floor	N/A	N/A	N/A	<258	N/A	<745
34	Wall	N/A	N/A	N/A	<258	N/A	N/A
35	Floor	N/A	N/A	N/A	<258	<745	N/A
36	Floor	N/A	N/A	N/A	<258	<745	N/A
37	Floor	N/A	N/A	N/A	<258	N/A	<745
38	Wall	N/A	N/A	N/A	<258	N/A	N/A
39	Wall	N/A	N/A	N/A	<258	N/A	<745
40	Floor	N/A	N/A	N/A	<258	N/A	N/A
41	Floor	N/A	N/A	N/A	<258	<745	<745
42	Floor	N/A	N/A	N/A	<258	N/A	N/A
43	Wall	N/A	N/A	N/A	<258	<745	N/A
44	Floor	N/A	N/A	N/A	<258	<745	N/A
45	Floor	N/A	N/A	N/A	<258	N/A	<745
46	Wall	N/A	N/A	N/A	<258	N/A	N/A
47	Floor	N/A	N/A	N/A	<258	N/A	<745
48	Floor	N/A	N/A	N/A	<258	N/A	N/A
49	Floor	N/A	N/A	N/A	<258	<745	N/A
50	Floor	N/A	N/A	N/A	<258	N/A	N/A
51	Floor	N/A	N/A	N/A	<258	N/A	<745
52	Wall	N/A	N/A	N/A	<258	<745	N/A
53	Floor	N/A	N/A	N/A	<258	<745	N/A
54	Floor	N/A	N/A	N/A	<258	<745	<745
55	Wall	N/A	N/A	N/A	<258	N/A	N/A
56	Floor	N/A	N/A	N/A	<258	<745	N/A
57	Floor	N/A	N/A	N/A	<258	<745	N/A
58	Floor	N/A	N/A	N/A	<258	N/A	N/A
59	Wall	N/A	N/A	N/A	<258	<745	<745
60	Floor	N/A	N/A	N/A	<258	N/A	N/A
61	Floor	N/A	N/A	N/A	<258	N/A	<745
62	Wall	N/A	N/A	N/A	<258	N/A	N/A
63	Floor	N/A	N/A	N/A	<258	<745	N/A
64	Floor	N/A	N/A	N/A	<258	N/A	N/A
65	Floor	N/A	N/A	N/A	<258	N/A	<745
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE



ATTACHMENT B-2

VIA 1 POST-FIXATIVE LLW SURVEY FORMS

None Required – No LLW Surveys included in this Attachment

ATTACHMENT B-3

VIA 2 PRE-FIXATIVE LLW SURVEY FORMS

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE
Model	SAC-4	Model	SAC-4	Model	Electra
Serial #	763	Serial #	821	Serial #	2136
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	3/3/05
Bkg	0.3 cpmα	Bkg	0.2 cpmα	Bkg	7 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE
Model	BC-4	Model	BC-4	Model	Electra
Serial #	694	Serial #	706	Serial #	2136
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	3/3/05
Bkg	37.8 cpmβ	Bkg	47.8 cpmβ	Bkg	855 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey tracking #: 444-V1A9-01

Survey Type: Beta Contamination

Building: 444

Location: Room 179 / 180B tunnel

Purpose: Depost (Pre-fix Removable)

RWP #: N/A

Date: 12/14/04 Time: 08:00

[redacted]

Print name	Signature	Emp. #

RCT: N/A / N/A / N/A

Print name	Signature	Emp. #

PRN/REN # : N/A

Comments: Isotope of concern is U-238. Survey is for deposting room 179. Survey points taken up to 8 feet up on walls. Survey includes 100% wipe of area.

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	See Map	<20	N/A	<94	<258	N/A	<745
2	See Map	<20		<94	<258		<745
3	See Map	<20		<94	<258		<745
4	See Map	<20		<94	<258		<745
5	See Map	<20		<94	<258		<745
6	See Map	<20		<94	<258		<745
7	See Map	<20		<94	<258		<745
8	See Map	<20		<94	<258		<745
9	See Map	<20		<94	<258		<745
10	See Map	<20		<94	<258		<745
11	See Map	<20		<94	<258		<745
12	See Map	<20		<94	<258		<745
13	See Map	<20		<94	<258		<745
14	See Map	<20		<94	<258		<745
15	See Map	<20		<94	<258		<745
16	See Map	<20		<94	<258		<745
17	See Map	<20		<94	<258		<745
18	See Map	<20		<94	<258		<745
19	See Map	<20		<94	<258		<745
20	See Map	<20	N/A	<94	<258	N/A	<745

Date Reviewed: 12-14-04 **RS Supervision:** [redacted]

Print Name	Signature	Emp. #

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COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

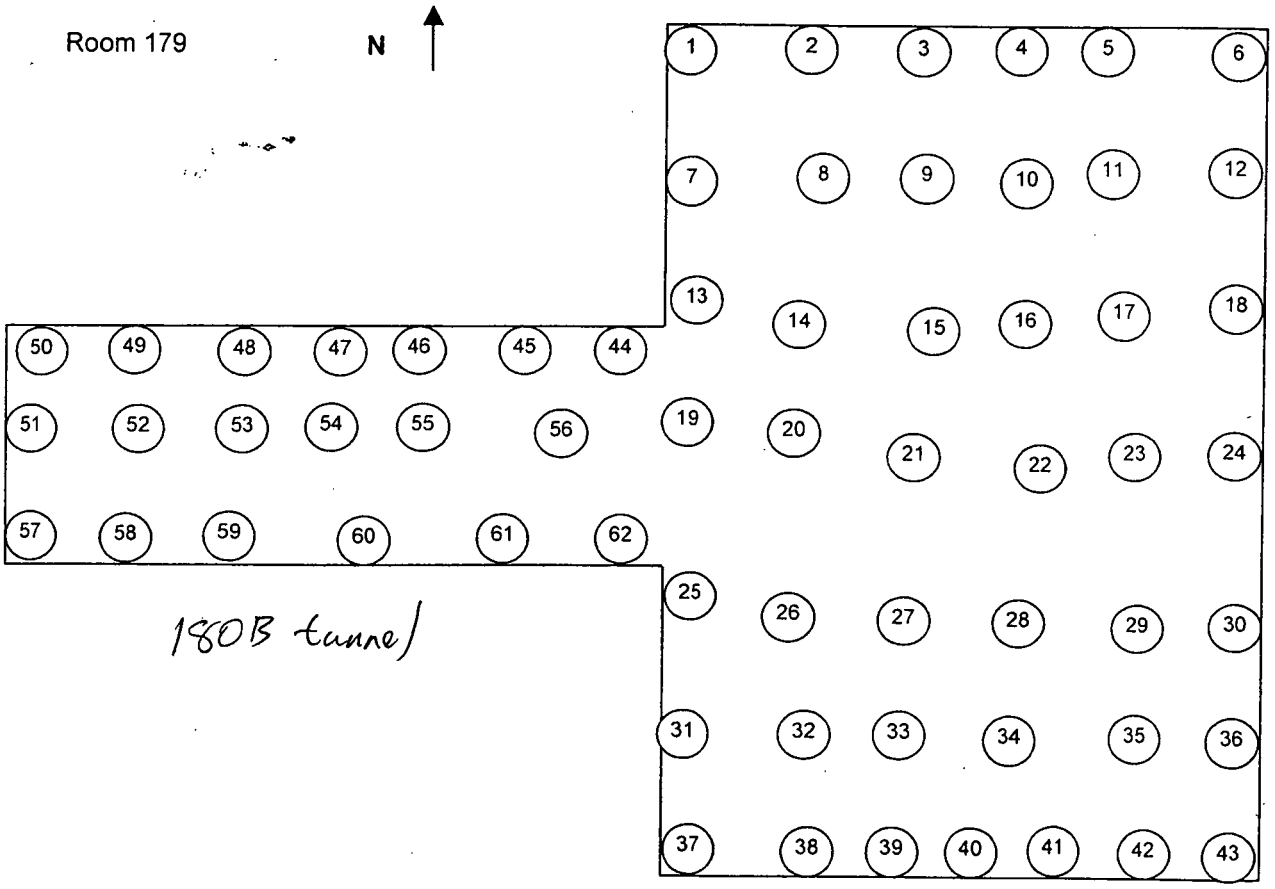
SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
21	See Map	<20	N/A	<94	<258	N/A	<745
22	See Map	<20		<94	<258		<745
23	See Map	<20		<94	<258		<745
24	See Map	<20		<94	<258		<745
25	See Map	<20		<94	<258		<745
26	See Map	<20		<94	<258		<745
27	See Map	<20		<94	<258		<745
28	See Map	<20		<94	<258		<745
29	See Map	<20		<94	<258		<745
30	See Map	<20		<94	<258		<745
31	See Map	<20		<94	<258		<745
32	See Map	<20		<94	<258		<745
33	See Map	<20		<94	<258		<745
34	See Map	<20		<94	<258		<745
35	See Map	<20		<94	<258		<745
36	See Map	<20		<94	<258		<745
37	See Map	<20		<94	<258		<745
38	See Map	<20		<94	<258		<745
39	See Map	<20		<94	<258		<745
40	See Map	<20		<94	<258		<745
41	See Map	<20		<94	<258		<745
42	See Map	<20		<94	<258		<745
43	See Map	<20		<94	<258		<745
44	See Map	<20		<94	<258		<745
45	See Map	<20		<94	<258		<745
46	See Map	<20		<94	<258		<745
47	See Map	<20		<94	<258		<745
48	See Map	<20		<94	<258		<745
49	See Map	<20		<94	<258		<745
50	See Map	<20		<94	<258		<745
51	See Map	<20		<94	<258		<745
52	See Map	<20		<94	<258		<745
53	See Map	<20		<94	<258		<745
54	See Map	<20		<94	<258		<745
55	See Map	<20		<94	<258		<745
56	See Map	<20		<94	<258		<745
57	See Map	<20		<94	<258		<745
58	See Map	<20		<94	<258		<745
59	See Map	<20		<94	<258		<745
60	See Map	<20		<94	<258		<745
61	See Map	<20		<94	<258		<745
62	See Map	<20		<94	<258		<745
63	See Map	N/A	N/A	N/A	N/A	N/A	N/A

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Drawing Showing Survey Points



COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model	N/A	Model	N/A	Model	DP-6
Serial #	N/A	Serial #	N/A	Serial #	3253
Cal Due	N/A	Cal Due	N/A	Cal Due	4/21/05
Bkg	N/A cpmα	Bkg	N/A cpmα	Bkg	6 cpmα
Efficiency	N/A %	Efficiency	N/A %	Efficiency	17 %
MDA	N/A dpmα	MDA	N/A dpmα	MDA	94 dpmα

Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model	N/A	Model	N/A	Model	DP-6
Serial #	N/A	Serial #	N/A	Serial #	3253
Cal Due	N/A	Cal Due	N/A	Cal Due	4/21/05
Bkg	N/A cpmβ	Bkg	N/A cpmβ	Bkg	813 cpmβ
Efficiency	N/A %	Efficiency	N/A %	Efficiency	22 %
MDA	N/A dpmβ	MDA	N/A dpmβ	MDA	745 dpmβ

Survey tracking #: 444-V1A9 - 02

Survey Type: Alpha & Beta Contamination

Building: 444

Location: Room 179 / 180 B tunnel

Purpose: Characterization of floor (Pre-fix)

RWP #: N/A

Date: 12/15/04 Time: 9:00

RCT: [redacted]

Print name / Signature / Emp. #

RCT: N/A / N/A / N/A

Print name / Signature / Emp. #

PRN/REN # : N/A

Comments: Isotope of concern U-238. Survey is for characterization of floor of Room 179. ALL PORTIONS OF FLOOR NOT INDICATED ON MAP < MDA. CRA 12/16/04

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	See Map	N/A	N/A	N/A	N/A	20000	N/A
2	See Map					25000	
3	See Map					13000	
4	See Map					10000	
5	See Map					41000	
6	See Map					22000	
7	See Map					32000	
8	See Map					12500	
9	See Map					9000	
10	See Map					12500	
11	See Map					37500	
12	See Map					19000	
13	See Map					13000	
14	See Map					29000	
15	See Map					8500	
16	See Map					23000	
17	See Map					22000	
18	See Map					7500	
19	See Map					16500	
20	See Map	N/A	N/A	N/A	N/A	30000	N/A

Date Reviewed: 12-16-04 **RS Supervision:** [redacted]

Print Name / Signature / Emp. #

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
21	See Map	N/A	N/A	N/A	N/A	20000	N/A
22	See Map					10000	
23	N/A					N/A	
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
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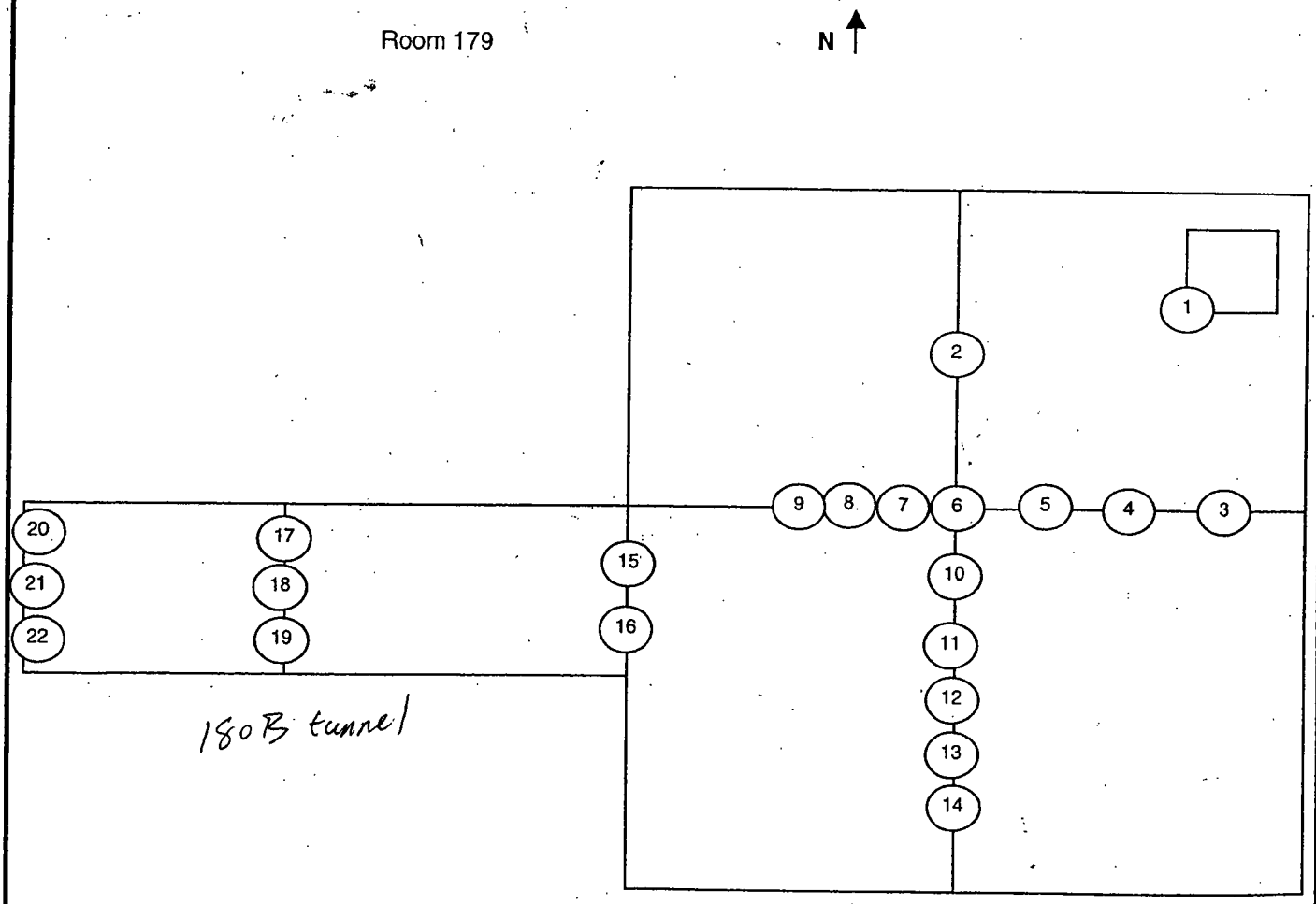
58							
59							
60							
61							
62							
63	N/A	N/A	N/A	N/A	N/A	N/A	N/A

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Drawing Showing Survey Points



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ATTACHMENT B-4

VIA 2 POST-FIXATIVE LLW SURVEY FORMS

None Required – No LLW Surveys included in this Attachment

ATTACHMENT B-5

VIA 3 PRE-FIXATIVE LLW SURVEY FORMS

444 CLC 01

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model	N/A	Model	N/A	Model	DP-6
Serial #	N/A	Serial #	N/A	Serial #	1392
Cal Due	N/A	Cal Due	N/A	Cal Due	6/28/05
Bkg.	N/A cpm α	Bkg.	N/A cpm α	Bkg.	3 cpm α
Eff.	N/A %	Eff.	N/A %	Eff.	17 %
MDA	N/A dpm α	MDA	N/A dpm α	MDA	94 dpm α
Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	694	Serial #	706	Serial #	1392
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	6/28/05
Bkg.	38.8 cpm β	Bkg.	45.4 cpm β	Bkg.	832 cpm β
Eff.	14 %	Eff.	14 %	Eff.	22 %
MDA	258 dpm β	MDA	258 dpm β	MDA	745 dpm β

SURVEY TRACKING #: 444-ELE-01

Survey Type: CONTAMINATION Page 1 of 4

Building: 444 Room 7

Location: Elevator Shaft Small Elevator #1

Purpose: Post pressure wash and Pre-Fixative

RWP #: N/A

Date: [redacted]

RCT: [redacted]

RCT:	N/A	N/A	N/A
	Print Name	Signature	Emp. #

PRN/REN:

Comments: Isotope of Concern U-238. Shaft below basement floor not surveyed due to water.

SURVEY RESULTS

COPY

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Ceiling	N/A	<258	N/A	<745
2	Ceiling	N/A	<258	N/A	<745
3	Ceiling	N/A	<258	N/A	<745
4	Ceiling	N/A	<258	N/A	<745
5	Wall 6th Level	N/A	<258	N/A	959
6	Wall 6th Level	N/A	<258	N/A	<745
7	Wall 6th Level	N/A	<258	N/A	<745
8	Wall 6th Level	N/A	<258	N/A	1009
9	Wall 6th Level	N/A	<258	N/A	<745
10	Wall 6th Level	N/A	<258	N/A	<745
11	Wall 6th Level	N/A	<258	N/A	<745
12	Wall 6th Level	N/A	<258	N/A	<745
13	Wall 6th Level	N/A	<258	N/A	<745
14	Wall 6th Level	N/A	<258	N/A	<745
15	Wall 6th Level	N/A	<258	N/A	<745
16	Wall 6th Level	N/A	<258	N/A	<745
17	Wall 6th Level	N/A	<258	N/A	<745
18	Wall 6th Level	N/A	<258	N/A	<745
19	Wall 6th Level	N/A	<258	N/A	<745
20	Wall 6th Level	N/A	<258	N/A	<745
21	Wall 5th Level	N/A	<258	N/A	1409
22	Wall 5th Level	N/A	<258	N/A	1164
23	Wall 5th Level	N/A	<258	N/A	955
24	Wall 5th Level	N/A	<258	N/A	918
25	Wall 5th Level	N/A	<258	N/A	864

Date Reviewed: 1-20-05 RS Supervision: [redacted]

Print Name Signature Emp. #

3-PRO-164-RSP-07.01 (effective 7/12/01)

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

RADIOLOGICAL SAFETY

Building: 444
Location: Elevator shaft Small
Purpose: Post pressure wash and Pre-Fixative Survey.

Date: 1/19/05
Time: 2:00 PM

COPY

#	Description	REMOVABLE DPM/100 CM²		DIRECT DPM/100 CM²	
		ALPHA	BETA	ALPHA	BETA
26	Wall 5th Level	N/A	<258	N/A	<745
27	Wall 5th Level	N/A	<258	N/A	1009
28	Wall 5th Level	N/A	<258	N/A	977
29	Wall 5th Level	N/A	<258	N/A	986
30	Wall 5th Level	N/A	<258	N/A	795
31	Wall 5th Level	N/A	<258	N/A	<745
32	Wall 5th Level	N/A	<258	N/A	<745
33	Wall 5th Level	N/A	<258	N/A	<745
34	Wall 5th Level	N/A	<258	N/A	955
35	Wall 4th Level	N/A	<258	N/A	1868
36	Wall 4th Level	N/A	<258	N/A	1409
37	Wall 4th Level	N/A	<258	N/A	1250
38	Wall 4th Level	N/A	<258	N/A	982
39	Wall 4th Level	N/A	<258	N/A	<745
40	Wall 4th Level	N/A	<258	N/A	<745
41	Wall 4th Level	N/A	<258	N/A	50923
42	Wall 4th Level	N/A	<258	N/A	101750
43	Wall 4th Level	N/A	<258	N/A	<745
44	Wall 4th Level	N/A	<258	N/A	<745
45	Wall 4th Level	N/A	<258	N/A	<745
46	Wall 4th Level	N/A	<258	N/A	<745
47	Wall 4th Level	N/A	<258	N/A	1286
48	Wall 4th Level	N/A	<258	N/A	782
49	Wall 4th Level	N/A	<258	N/A	<745
50	Wall 4th Level	N/A	<258	N/A	<745
51	Wall 3rd Level	N/A	<258	N/A	1018
52	Wall 3rd Level	N/A	<258	N/A	<745
53	Wall 3rd Level	N/A	<258	N/A	<745
54	Wall 3rd Level	N/A	<258	N/A	<745
55	Wall 3rd Level	N/A	<258	N/A	45909
56	Wall 3rd Level	N/A	<258	N/A	23709
57	Wall 3rd Level	N/A	<258	N/A	9564
58	Wall 3rd Level	N/A	<258	N/A	27973
59	Wall 3rd Level	N/A	<258	N/A	21609
60	Wall 3rd Level	N/A	<258	N/A	5832
61	Wall 3rd Level	N/A	<258	N/A	8295
62	Wall 3rd Level	N/A	<258	N/A	6873
63	Wall 3rd Level	N/A	<258	N/A	2386
64	Wall 3rd Level	N/A	<258	N/A	1886
65	Wall 2nd Level	N/A	<258	N/A	1118
66	Wall 2nd Level	N/A	<258	N/A	982
67	Wall 2nd Level	N/A	<258	N/A	<745
68	Wall 2nd Level	N/A	<258	N/A	<745
69	Wall 2nd Level	N/A	<258	N/A	19895
70	Wall 2nd Level	N/A	<258	N/A	15091
71	Wall 2nd Level	N/A	<258	N/A	9945

RADIOLOGICAL SAFETY

Building: 444
Location: Elevator shaft Small
Purpose: Post pressure wash and Pre-Fixative Survey.

Date: 1/19/05
Time: 2:00 PM

COPY

#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
72	Wall 2nd Level	N/A	<258	N/A	**2391**
73	Wall 2nd Level	N/A	<258	N/A	**1627**
74	Wall 2nd Level	N/A	<258	N/A	**973**
75	Wall 2nd Level	N/A	<258	N/A	<745
76	Wall 2nd Level	N/A	<258	N/A	**859**
77	Wall 2nd Level	N/A	<258	N/A	**38795**
78	Wall 2nd Level	N/A	<258	N/A	**8918**
79	Wall 2nd Level	N/A	<258	N/A	**23791**
80	Wall 2nd Level	N/A	<258	N/A	**2909**
81	Wall 1st Level	N/A	<258	N/A	**1023**
82	Wall 1st Level	N/A	<258	N/A	<745
83	Wall 1st Level	N/A	<258	N/A	<745
84	Wall 1st Level	N/A	<258	N/A	<745
85	Wall 1st Level	N/A	<258	N/A	**1886**
86	Wall 1st Level	N/A	<258	N/A	<745
87	Wall 1st Level	N/A	<258	N/A	**1691**
88	Wall 1st Level	N/A	<258	N/A	**1132**
89	Wall 1st Level	N/A	<258	N/A	**900**
90	Wall 1st Level	N/A	<258	N/A	<745
91	Wall 1st Level	N/A	<258	N/A	**20132**
92	Wall 1st Level	N/A	<258	N/A	**5664**
93	Wall 1st Level	N/A	<258	N/A	**5395**
94	Wall 1st Level	N/A	<258	N/A	**5023**
95	N/A	N/A	N/A	N/A	N/A
96	N/A	N/A	N/A	N/A	N/A
97	N/A	N/A	N/A	N/A	N/A
98	N/A	N/A	N/A	N/A	N/A
99	N/A	N/A	N/A	N/A	N/A
100	N/A	N/A	N/A	N/A	N/A
101	N/A	N/A	N/A	N/A	N/A
102	N/A	N/A	N/A	N/A	N/A
103	N/A	N/A	N/A	N/A	N/A
104	N/A	N/A	N/A	N/A	N/A
105	N/A	N/A	N/A	N/A	N/A
106	N/A	N/A	N/A	N/A	N/A
107	N/A	N/A	N/A	N/A	N/A
108	N/A	N/A	N/A	N/A	N/A
109	N/A	N/A	N/A	N/A	N/A
110	N/A	N/A	N/A	N/A	N/A
111	N/A	N/A	N/A	N/A	N/A
112	N/A	N/A	N/A	N/A	N/A
113	N/A	N/A	N/A	N/A	N/A
114	N/A	N/A	N/A	N/A	N/A
115	N/A	N/A	N/A	N/A	N/A
116	N/A	N/A	N/A	N/A	N/A
117	N/A	N/A	N/A	N/A	N/A

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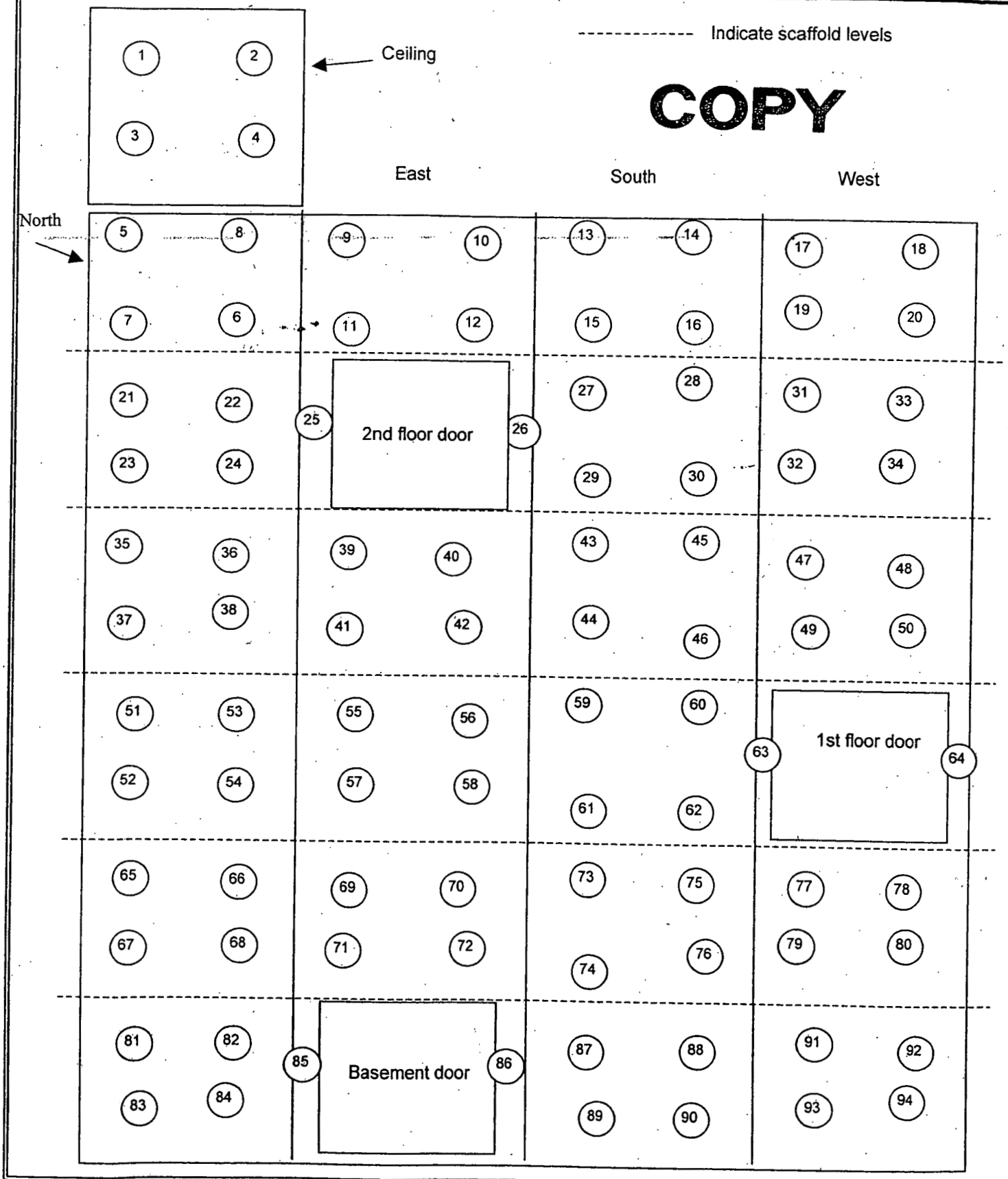
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Building: 444
Location: Elevator Shaft Small
Purpose: Post pressure wash and Pre-Fixative Survey

Date: 1/19/05
Time: 2:00 PM



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444-222-0.C

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	821	Serial #	1156	Serial #	2316
Cal Due	3/29/05	Cal Due	3/22/05	Cal Due	6/28/05
Bkg.	0.3 cpm α	Bkg.	0.6 cpm α	Bkg.	3 cpm α
Eff.	33 %	Eff.	33 %	Eff.	17 %
MDA	20 dpm α	MDA	20 dpm α	MDA	94 dpm α

Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	694	Serial #	706	Serial #	2316
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	6/28/05
Bkg.	40 cpm β	Bkg.	42.6 cpm β	Bkg.	898 cpm β
Eff.	14 %	Eff.	14 %	Eff.	22 %
MDA	258 dpm β	MDA	258 dpm β	MDA	745 dpm β

SURVEY TRACKING #: 444-ELE-02

Survey Type: CONTAMINATION Page 1 of 5

Building: 444

Location: Elevator Shaft ACCESS FROM Rm 3 Elevator #2

Purpose: Post pressure wash PRE Fix

RWP #: N/A

Date: 1/17/05 Time: 10:45

RCT: [redacted]

Print Name	Signature	Emp. #
RCT: N/A	N/A	N/A

PRN/REN:

Comments: Isotope of Concern U-238. Shaft below basement floor not surveyed due to filled with water.

SURVEY RESULTS

COPY

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Ceiling	N/A	<258	N/A	<745
2	Ceiling	N/A	<258	N/A	<745
3	Ceiling	N/A	<258	N/A	<745
4	Ceiling	N/A	<258	N/A	<745
5	Ceiling	N/A	<258	N/A	<745
6	Ceiling	N/A	<258	N/A	<745
7	North shaft wall	N/A	<258	N/A	<745
8	North shaft wall	N/A	<258	N/A	<745
9	North shaft wall	N/A	<258	N/A	<745
10	North shaft wall	N/A	<258	N/A	<745
11	North shaft wall	N/A	<258	N/A	<745
12	North shaft wall	N/A	<258	N/A	<745
13	North shaft wall	N/A	<258	N/A	<745
14	North shaft wall	N/A	<258	N/A	<745
15	North shaft wall	N/A	<258	N/A	<745
16	North shaft wall	N/A	<258	N/A	<745
17	North shaft wall	N/A	<258	N/A	<745
18	North shaft wall	N/A	<258	N/A	<745
19	North shaft wall	N/A	<258	N/A	<745
20	North shaft wall	N/A	<258	N/A	<745
21	North shaft wall	N/A	<258	N/A	<745
22	North shaft wall	N/A	<258	N/A	<745
23	North shaft wall	N/A	<258	N/A	<745
24	North shaft wall	N/A	<258	N/A	<745
25	North shaft wall	N/A	<258	N/A	<745

Date Reviewed: 1-18-05 RS Supervision: [redacted]

Print Name Signature Emp. #

3-PRO-164-RSP-07.01 (effective 7/12/01)

52/814

Building: 444
Location: Elevator shaft
Purpose: Post pressure wash

RADIOLOGICAL SAFETY

Date: 1/17/05
Time: 10:45 AM

COPY

#	Description	REMOVABLE DPM/100 CM²		DIRECT DPM/100 CM²	
		ALPHA	BETA	ALPHA	BETA
26	North shaft wall	N/A	<258	N/A	<745
27	North shaft wall	N/A	<258	N/A	<745
28	North shaft wall	N/A	<258	N/A	<745
29	North shaft wall	N/A	<258	N/A	<745
30	North shaft wall	N/A	<258	N/A	<745
31	North shaft wall	N/A	<258	N/A	<745
32	North shaft wall	N/A	<258	N/A	<745
33	North shaft wall	N/A	<258	N/A	<745
34	North shaft wall	N/A	<258	N/A	<745
35	North shaft wall	N/A	<258	N/A	<745
36	North shaft wall	N/A	<258	N/A	<745
37	North shaft wall	N/A	<258	N/A	<745
38	North shaft wall	N/A	<258	N/A	<745
39	North shaft wall	N/A	<258	N/A	<745
40	North shaft wall	N/A	<258	N/A	<745
41	North shaft wall	N/A	<258	N/A	<745
42	North shaft wall	N/A	<258	N/A	<745
43	East shaft wall	N/A	<258	N/A	<745
44	East shaft wall	N/A	<258	N/A	<745
45	East shaft wall	N/A	<258	N/A	<745
46	East shaft wall	N/A	<258	N/A	<745
47	East shaft wall	N/A	<258	N/A	<745
48	East shaft wall	N/A	<258	N/A	<745
49	East shaft wall	N/A	<258	N/A	<745
50	East shaft wall	N/A	<258	N/A	<745
51	East shaft wall	N/A	<258	N/A	<745
52	East shaft wall	N/A	<258	N/A	<745
53	East shaft wall	N/A	<258	N/A	**10500**
54	East shaft wall	N/A	<258	N/A	**9000**
55	East shaft wall	N/A	<258	N/A	**8000**
56	East shaft wall	N/A	<258	N/A	**11750**
57	East shaft wall	N/A	<258	N/A	**5750**
58	East shaft wall	N/A	<258	N/A	**10000**
59	East shaft wall	N/A	<258	N/A	<745
60	East shaft wall	N/A	<258	N/A	<745
61	East shaft wall	N/A	<258	N/A	<745
62	East shaft wall	N/A	<258	N/A	<745
63	East shaft wall	N/A	<258	N/A	**28000**
64	East shaft wall	N/A	<258	N/A	**21000**
65	East shaft wall	N/A	<258	N/A	**12250**
66	East shaft wall	N/A	<258	N/A	**29000**
67	East shaft wall	N/A	<258	N/A	**38000**
68	East shaft wall	N/A	<258	N/A	**15500**
69	East shaft wall	N/A	<258	N/A	<745
70	East shaft wall	N/A	<258	N/A	<745
71	East shaft wall	N/A	<258	N/A	<745

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

RADIOLOGICAL SAFETY

Building: 444
Location: Elevator shaft
Purpose: Post pressure wash

Date: 1/17/05
Time: 10:45 AM

COPY

#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
72	East shaft wall	N/A	<258	N/A	<745
73	South shaft wall	N/A	<258	N/A	<745
74	South shaft wall	N/A	<258	N/A	<745
75	South shaft wall	N/A	<258	N/A	<745
76	South shaft wall	N/A	<258	N/A	<745
77	South shaft wall	N/A	<258	N/A	<745
78	South shaft wall	N/A	<258	N/A	<745
79	South shaft wall	N/A	<258	N/A	<745
80	South shaft wall	N/A	<258	N/A	<745
81	South shaft wall	N/A	<258	N/A	<745
82	South shaft wall	N/A	<258	N/A	<745
83	South shaft wall	N/A	<258	N/A	<745
84	South shaft wall	N/A	<258	N/A	<745
85	South shaft wall	N/A	<258	N/A	<745
86	South shaft wall	N/A	<258	N/A	<745
87	South shaft wall	N/A	<258	N/A	<745
88	South shaft wall	N/A	<258	N/A	<745
89	South shaft wall	N/A	<258	N/A	<745
90	South shaft wall	N/A	<258	N/A	<745
91	South shaft wall	N/A	<258	N/A	<745
92	South shaft wall	N/A	<258	N/A	<745
93	South shaft wall	N/A	<258	N/A	<745
94	South shaft wall	N/A	<258	N/A	<745
95	South shaft wall	N/A	<258	N/A	<745
96	South shaft wall	N/A	<258	N/A	<745
97	South shaft wall	N/A	<258	N/A	<745
98	South shaft wall	N/A	<258	N/A	<745
99	South shaft wall	N/A	<258	N/A	<745
100	South shaft wall	N/A	<258	N/A	<745
101	South shaft wall	N/A	<258	N/A	<745
102	South shaft wall	N/A	<258	N/A	<745
103	South shaft wall	N/A	<258	N/A	<745
104	South shaft wall	N/A	<258	N/A	<745
105	South shaft wall	N/A	<258	N/A	<745
106	South shaft wall	N/A	<258	N/A	<745
107	South shaft wall	N/A	<258	N/A	<745
108	South shaft wall	N/A	<258	N/A	<745
109	West shaft wall	N/A	<258	N/A	<745
110	West shaft wall	N/A	<258	N/A	<745
111	West shaft wall	N/A	<258	N/A	<745
112	West shaft wall	N/A	<258	N/A	<745
113	West shaft wall	N/A	<258	N/A	<745
114	West shaft wall	N/A	<258	N/A	<745
115	West shaft wall	N/A	<258	N/A	<745
116	West shaft wall	N/A	<258	N/A	<745
117	West shaft wall	N/A	<258	N/A	<745

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

RADIOLOGICAL SAFETY

Building: 444
Location: Elevator shaft
Purpose: Post pressure wash

Date: 1/17/05
Time: 10:45 AM

COPY

#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
118	West shaft wall	N/A	<258	N/A	<745
119	West shaft wall	N/A	<258	N/A	**23500**
120	West shaft wall	N/A	<258	N/A	**10500**
121	West shaft wall	N/A	<258	N/A	**6500**
122	West shaft wall	N/A	<258	N/A	**11000**
123	West shaft wall	N/A	<258	N/A	**10000**
124	West shaft wall	N/A	<258	N/A	**6500**
125	West shaft wall	N/A	<258	N/A	<745
126	West shaft wall	N/A	<258	N/A	<745
127	West shaft wall	N/A	<258	N/A	<745
128	West shaft wall	N/A	<258	N/A	<745
129	West shaft wall	N/A	<258	N/A	**11000**
130	West shaft wall	N/A	<258	N/A	**3750**
131	West shaft wall	N/A	<258	N/A	**8500**
132	West shaft wall	N/A	<258	N/A	**9500**
133	West shaft wall	N/A	<258	N/A	**3250**
134	West shaft wall	N/A	<258	N/A	**6750**
135	West shaft wall	N/A	<258	N/A	<745
136	West shaft wall	N/A	<258	N/A	<745
137	West shaft wall	N/A	<258	N/A	<745
138	West shaft wall	N/A	<258	N/A	<745
139	N/A	N/A	N/A	N/A	N/A
140	N/A	N/A	N/A	N/A	N/A
141	N/A	N/A	N/A	N/A	N/A
142	N/A	N/A	N/A	N/A	N/A
143	N/A	N/A	N/A	N/A	N/A
144	N/A	N/A	N/A	N/A	N/A
145	N/A	N/A	N/A	N/A	N/A
146	N/A	N/A	N/A	N/A	N/A
147	N/A	N/A	N/A	N/A	N/A
148	N/A	N/A	N/A	N/A	N/A
149	N/A	N/A	N/A	N/A	N/A
150	N/A	N/A	N/A	N/A	N/A
151	N/A	N/A	N/A	N/A	N/A
152	N/A	N/A	N/A	N/A	N/A
153	N/A	N/A	N/A	N/A	N/A
154	N/A	N/A	N/A	N/A	N/A
155	N/A	N/A	N/A	N/A	N/A
156	N/A	N/A	N/A	N/A	N/A
157	N/A	N/A	N/A	N/A	N/A
158	N/A	N/A	N/A	N/A	N/A
159	N/A	N/A	N/A	N/A	N/A
160	N/A	N/A	N/A	N/A	N/A
161	N/A	N/A	N/A	N/A	N/A
162	N/A	N/A	N/A	N/A	N/A
163	N/A	N/A	N/A	N/A	N/A

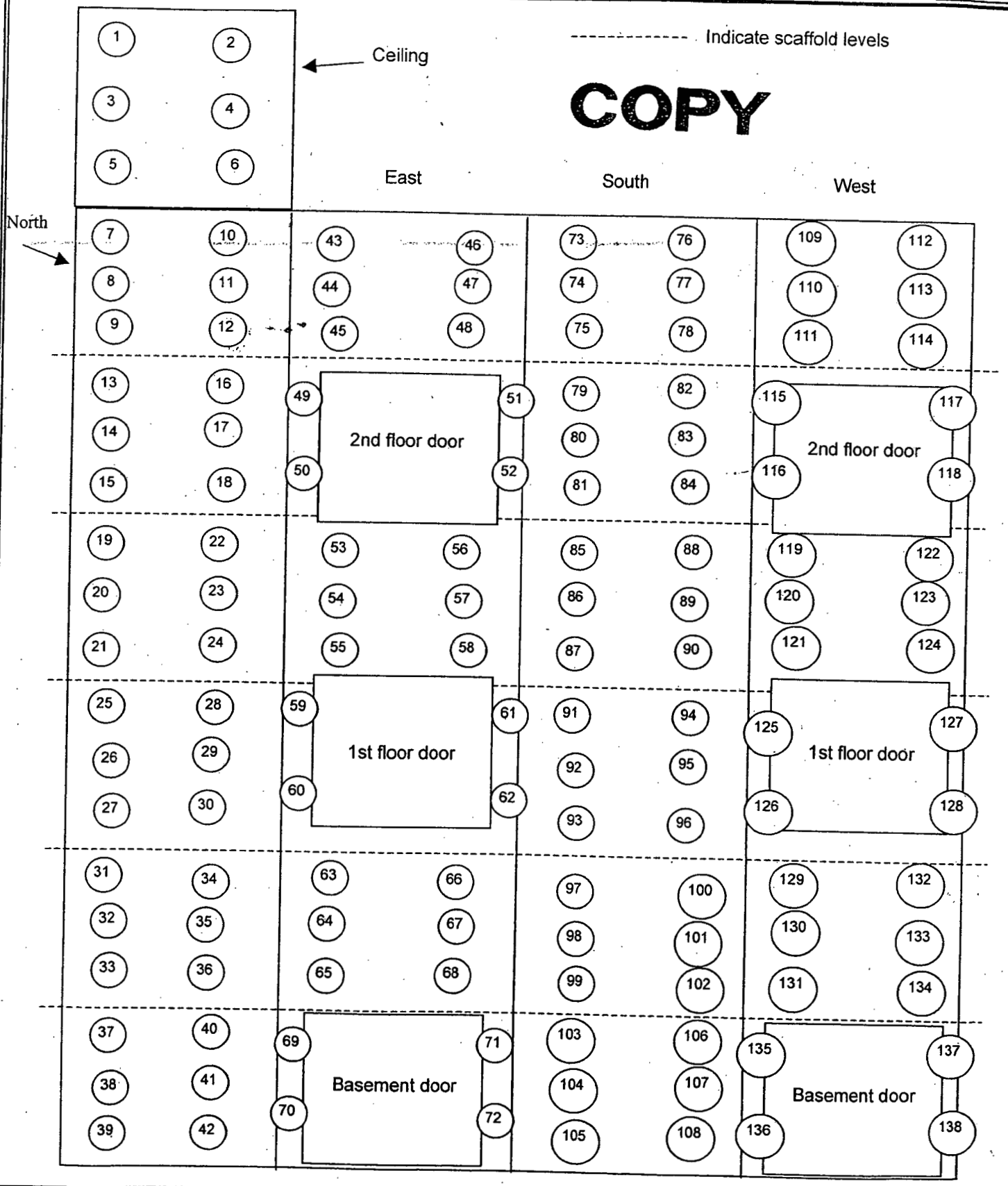
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Elevator Shaft
Purpose: Post pressure wash

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Date: 1/17/05
Time: 10:45 AM



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ATTACHMENT B-6

VIA 3 POST-FIXATIVE LLW SURVEY FORMS

None Required – No LLW Surveys included in this Attachment

ATTACHMENT B-7

VIA 4 PRE-FIXATIVE LLW SURVEY FORMS

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	763	Serial #	821	Serial #	2316
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	6/28/05
Bkg	0.3 cpmα	Bkg	0.2 cpmα	Bkg	5 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα
Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	706	Serial #	924	Serial #	2316
Cal Due	4/30/05	Cal Due	10/12/05	Cal Due	6/28/05
Bkg	46 cpmβ	Bkg	45.7 cpmβ	Bkg	936 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey tracking #: 444-V1A4-01

Survey Type: Alpha / Beta Contamination

Building: 444

Location: RM. 101-Pre Pressure Wash (Pre-fix)

Purpose: Characterization of Floor

RWP #: 05-444-0002

Date: 1/14/05 Time: 10:30

RCT: [redacted]

RCT: [redacted]

Print name Signature Emp. #

PRN/REN # : N/A

Comments: Isotope of concern is U-238.

COPY

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	SEE MAP	<20	N/A	N/A	<258	33,155	N/A
2	SEE MAP	<20	N/A	N/A	<258	19,586	N/A
3	SEE MAP	<20	N/A	N/A	<258	10,791	N/A
4	SEE MAP	<20	N/A	N/A	<258	16,377	N/A
5	SEE MAP	<20	N/A	N/A	<258	5,868	N/A
6	SEE MAP	<20	N/A	N/A	<258	27,341	N/A
7	SEE MAP	<20	N/A	N/A	<258	1,868	N/A
8	SEE MAP	<20	N/A	N/A	<258	5,477	N/A
9	SEE MAP	<20	N/A	N/A	<258	4,932	N/A
10	SEE MAP	<20	N/A	N/A	<258	759	N/A
11	SEE MAP	<20	N/A	N/A	<258	9,145	N/A
12	SEE MAP	<20	N/A	N/A	<258	10,336	N/A
13	SEE MAP	<20	N/A	N/A	<258	12,850	N/A
14	SEE MAP	<20	N/A	N/A	<258	2,536	N/A
15	SEE MAP	<20	N/A	N/A	<258	6,018	N/A
16	SEE MAP	<20	N/A	N/A	<258	4,732	N/A
17	SEE MAP	<20	N/A	N/A	<258	5,518	N/A
18	SEE MAP	<20	N/A	N/A	<258	<745	N/A
19	SEE MAP	<20	N/A	N/A	<258	4,273	N/A
20	SEE MAP	<20	N/A	N/A	<258	1,464	N/A

Date Reviewed: 1-15-05 **RS Supervision:** [redacted]

Print Name Signature Emp. #

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
#	SEE MAP	dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
21	SEE MAP	<20	N/A	N/A	<258	**3,114**	N/A
22	SEE MAP	<20	N/A	N/A	<258	**5,991**	N/A
23	SEE MAP	<20	N/A	N/A	<258	**2,168**	N/A
24	SEE MAP	<20	N/A	N/A	<258	**7,064**	N/A
25	SEE MAP	<20	N/A	N/A	<258	**2,323**	N/A
26	SEE MAP	<20	N/A	N/A	<258	**3,855**	N/A
27	SEE MAP	<20	N/A	N/A	<258	**2,473**	N/A
28	SEE MAP	<20	N/A	N/A	<258	**3,277**	N/A
29	SEE MAP	<20	N/A	N/A	<258	**1,936**	N/A
30	SEE MAP	<20	N/A	N/A	<258	**3,855**	N/A
31	SEE MAP	<20	N/A	N/A	<258	**41,718**	N/A
32	SEE MAP	<20	N/A	N/A	<258	**1,750**	N/A
33	SEE MAP	<20	N/A	N/A	<258	**4,100**	N/A
34	SEE MAP	<20	N/A	N/A	<258	**4,145**	N/A
35	SEE MAP	<20	N/A	N/A	<258	**4,086**	N/A
36	SEE MAP	<20	N/A	N/A	<258	<745	N/A
37	SEE MAP	<20	N/A	N/A	<258	**3,245**	N/A
38	SEE MAP	<20	N/A	N/A	<258	745	N/A
39	SEE MAP	<20	N/A	N/A	<258	**4,623**	N/A
40	SEE MAP	<20	N/A	N/A	<258	**3,536**	N/A
41	SEE MAP	<20	N/A	N/A	<258	**2,327**	N/A
42	SEE MAP	<20	N/A	N/A	<258	**4,932**	N/A
43	SEE MAP	<20	N/A	N/A	<258	**6,559**	N/A
44	SEE MAP	<20	N/A	N/A	<258	**5,273**	N/A
45	SEE MAP	<20	N/A	N/A	<258	**3,864**	N/A
46	SEE MAP	<20	N/A	N/A	<258	**2,950**	N/A
47	SEE MAP	<20	N/A	N/A	<258	**1,818**	N/A
48	SEE MAP	<20	N/A	N/A	<258	**5,273**	N/A
49	SEE MAP	<20	N/A	N/A	<258	**2,927**	N/A
50	SEE MAP	<20	N/A	N/A	<258	**5,341**	N/A
51	SEE MAP	<20	N/A	N/A	<258	**4,245**	N/A
52	SEE MAP	<20	N/A	N/A	<258	**1,955**	N/A
53	SEE MAP	<20	N/A	N/A	<258	**2,132**	N/A
54	SEE MAP	<20	N/A	N/A	<258	**3,241**	N/A
55	SEE MAP	<20	N/A	N/A	<258	**4,218**	N/A
56	SEE MAP	<20	N/A	N/A	<258	**4,205**	N/A
57	SEE MAP	<20	N/A	N/A	<258	**2,841**	N/A
58	SEE MAP	<20	N/A	N/A	<258	**868**	N/A
59	SEE MAP	<20	N/A	N/A	<258	**3,109**	N/A
60	SEE MAP	<20	N/A	N/A	<258	**1,614**	N/A
61	SEE MAP	<20	N/A	N/A	<258	<745	N/A
62	SEE MAP	<20	N/A	N/A	<258	**1,868**	N/A
63	SEE MAP	<20	N/A	N/A	<258	**2,877**	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
#	SEE MAP	dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
64	SEE MAP	<20	N/A	N/A	<258	**4,045**	N/A
65	SEE MAP	<20	N/A	N/A	<258	**6,068**	N/A
66	SEE MAP	<20	N/A	N/A	<258	**4,782**	N/A
67	SEE MAP	<20	N/A	N/A	<258	**5,550**	N/A
68	SEE MAP	<20	N/A	N/A	<258	**5,105**	N/A
69	SEE MAP	<20	N/A	N/A	<258	**1,109**	N/A
70	SEE MAP	<20	N/A	N/A	<258	**2,773**	N/A
71	SEE MAP	<20	N/A	N/A	<258	**2,886**	N/A
72	SEE MAP	<20	N/A	N/A	<258	**4,595**	N/A
73	SEE MAP	<20	N/A	N/A	<258	**3,609**	N/A
74	SEE MAP	<20	N/A	N/A	<258	**5,641**	N/A
75	SEE MAP	<20	N/A	N/A	<258	**4,505**	N/A
76	SEE MAP	<20	N/A	N/A	<258	**4,391**	N/A
77	SEE MAP	<20	N/A	N/A	<258	**5,395**	N/A
78	SEE MAP	<20	N/A	N/A	<258	**1,527**	N/A
79	SEE MAP	<20	N/A	N/A	<258	**3,686**	N/A
80	SEE MAP	<20	N/A	N/A	<258	**2,909**	N/A
81	SEE MAP	<20	N/A	N/A	<258	**936**	N/A
82	SEE MAP	<20	N/A	N/A	<258	**3,027**	N/A
83	SEE MAP	<20	N/A	N/A	<258	**2,355**	N/A
84	SEE MAP	<20	N/A	N/A	<258	**9,809**	N/A
85	SEE MAP	<20	N/A	N/A	<258	**3,682**	N/A
86	SEE MAP	<20	N/A	N/A	<258	**2,023**	N/A
87	SEE MAP	<20	N/A	N/A	<258	**2,341**	N/A
88	SEE MAP	<20	N/A	N/A	<258	**1,382**	N/A
89	SEE MAP	<20	N/A	N/A	<258	**2,736**	N/A
90	SEE MAP	<20	N/A	N/A	<258	**2,277**	N/A
91	SEE MAP	<20	N/A	N/A	<258	**2,273**	N/A
92	SEE MAP	<20	N/A	N/A	<258	**4,741**	N/A
93	SEE MAP	<20	N/A	N/A	<258	**5,395**	N/A
94	SEE MAP	<20	N/A	N/A	<258	**5,023**	N/A
95	SEE MAP	<20	N/A	N/A	<258	**4,250**	N/A
96	SEE MAP	<20	N/A	N/A	<258	**1,859**	N/A
97	SEE MAP	<20	N/A	N/A	<258	**3,282**	N/A
98	SEE MAP	<20	N/A	N/A	<258	**1,023**	N/A
99	SEE MAP	<20	N/A	N/A	<258	**4,255**	N/A
100	SEE MAP	<20	N/A	N/A	<258	**1,927**	N/A
101	SEE MAP	<20	N/A	N/A	<258	**3,877**	N/A
102	SEE MAP	<20	N/A	N/A	<258	**2,773**	N/A
103	SEE MAP	<20	N/A	N/A	<258	**3,323**	N/A
104	SEE MAP	<20	N/A	N/A	<258	**2,473**	N/A
105	SEE MAP	<20	N/A	N/A	<258	**1,659**	N/A
106	SEE MAP	<20	N/A	N/A	<258	3,732	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe #	LOCATION SEE MAP	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
107	SEE MAP	<20	N/A	N/A	<258	8,673	N/A
108	SEE MAP	<20	N/A	N/A	<258	1,886	N/A
109	SEE MAP	<20	N/A	N/A	<258	3,318	N/A
110	SEE MAP	<20	N/A	N/A	<258	4,673	N/A
111	SEE MAP	<20	N/A	N/A	<258	1,818	N/A
112	SEE MAP	<20	N/A	N/A	<258	2,095	N/A
113	SEE MAP	<20	N/A	N/A	<258	5,732	N/A
114	SEE MAP	<20	N/A	N/A	<258	5,268	N/A
115	SEE MAP	<20	N/A	N/A	<258	3,936	N/A
116	SEE MAP	<20	N/A	N/A	<258	1,782	N/A
117	SEE MAP	<20	N/A	N/A	<258	1,141	N/A
118	SEE MAP	<20	N/A	N/A	<258	4,409	N/A
119	SEE MAP	<20	N/A	N/A	<258	1,264	N/A
120	SEE MAP	<20	N/A	N/A	<258	2,936	N/A
121	SEE MAP	<20	N/A	N/A	<258	<745	N/A
122	SEE MAP	<20	N/A	N/A	<258	3,264	N/A
123	SEE MAP	<20	N/A	N/A	<258	<745	N/A
124	SEE MAP	<20	N/A	N/A	<258	1,427	N/A
125	SEE MAP	<20	N/A	N/A	<258	<745	N/A
126	SEE MAP	<20	N/A	N/A	<258	964	N/A
127	SEE MAP	<20	N/A	N/A	<258	1,882	N/A
128	SEE MAP	<20	N/A	N/A	<258	1,195	N/A
129	SEE MAP	<20	N/A	N/A	<258	5,636	N/A
130	SEE MAP	<20	N/A	N/A	<258	1,264	N/A
131	SEE MAP	<20	N/A	N/A	<258	2,259	N/A
132	SEE MAP	<20	N/A	N/A	<258	<745	N/A
133	SEE MAP	<20	N/A	N/A	<258	1,932	N/A
134	SEE MAP	<20	N/A	N/A	<258	836	N/A
135	SEE MAP	<20	N/A	N/A	<258	1,459	N/A
136	SEE MAP	<20	N/A	N/A	<258	3,459	N/A
137	SEE MAP	<20	N/A	N/A	<258	1,709	N/A
138	SEE MAP	<20	N/A	N/A	<258	<745	N/A
139	SEE MAP	<20	N/A	N/A	<258	<745	N/A
140	SEE MAP	<20	N/A	N/A	<258	<745	N/A
141	SEE MAP	<20	N/A	N/A	<258	2,055	N/A
142	SEE MAP	<20	N/A	N/A	<258	2,923	N/A
143	SEE MAP	<20	N/A	N/A	<258	2,505	N/A
144	SEE MAP	<20	N/A	N/A	<258	<745	N/A
145	SEE MAP	<20	N/A	N/A	<258	3,418	N/A
146	SEE MAP	<20	N/A	N/A	<258	2,459	N/A
147	SEE MAP	<20	N/A	N/A	<258	2,573	N/A
148	SEE MAP	<20	N/A	N/A	<258	<745	N/A
149	SEE MAP	<20	N/A	N/A	<258	1,273	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe #	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
	SEE MAP	dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
150	SEE MAP	<20	N/A	N/A	<258	**2,409**	N/A
151	SEE MAP	<20	N/A	N/A	<258	**1,605**	N/A
152	SEE MAP	<20	N/A	N/A	<258	**2,814**	N/A
153	SEE MAP	<20	N/A	N/A	<258	**3,277**	N/A
154	SEE MAP	<20	N/A	N/A	<258	**1,545**	N/A
155	SEE MAP	<20	N/A	N/A	<258	**1,655**	N/A
156	SEE MAP	<20	N/A	N/A	<258	**2,405**	N/A
157	SEE MAP	<20	N/A	N/A	<258	**1,968**	N/A
158	SEE MAP	<20	N/A	N/A	<258	<745	N/A
159	SEE MAP	<20	N/A	N/A	<258	<745	N/A
160	SEE MAP	<20	N/A	N/A	<258	**3,836**	N/A
161	N/A	N/A	N/A	N/A	N/A	N/A	N/A
162	N/A	N/A	N/A	N/A	N/A	N/A	N/A
163	N/A	N/A	N/A	N/A	N/A	N/A	N/A
164	N/A	N/A	N/A	N/A	N/A	N/A	N/A
165	N/A	N/A	N/A	N/A	N/A	N/A	N/A
166	N/A	N/A	N/A	N/A	N/A	N/A	N/A
167	N/A	N/A	N/A	N/A	N/A	N/A	N/A
168	N/A	N/A	N/A	N/A	N/A	N/A	N/A
169	N/A	N/A	N/A	N/A	N/A	N/A	N/A
170	N/A	N/A	N/A	N/A	N/A	N/A	N/A
171	N/A	N/A	N/A	N/A	N/A	N/A	N/A
172	N/A	N/A	N/A	N/A	N/A	N/A	N/A
173	N/A	N/A	N/A	N/A	N/A	N/A	N/A
174	N/A	N/A	N/A	N/A	N/A	N/A	N/A
175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
176	N/A	N/A	N/A	N/A	N/A	N/A	N/A
177	N/A	N/A	N/A	N/A	N/A	N/A	N/A
178	N/A	N/A	N/A	N/A	N/A	N/A	N/A
179	N/A	N/A	N/A	N/A	N/A	N/A	N/A
180	N/A	N/A	N/A	N/A	N/A	N/A	N/A
181	N/A	N/A	N/A	N/A	N/A	N/A	N/A
182	N/A	N/A	N/A	N/A	N/A	N/A	N/A
183	N/A	N/A	N/A	N/A	N/A	N/A	N/A
184	N/A	N/A	N/A	N/A	N/A	N/A	N/A
185	N/A	N/A	N/A	N/A	N/A	N/A	N/A
186	N/A	N/A	N/A	N/A	N/A	N/A	N/A
187	N/A	N/A	N/A	N/A	N/A	N/A	N/A
188	N/A	N/A	N/A	N/A	N/A	N/A	N/A
189	N/A	N/A	N/A	N/A	N/A	N/A	N/A
190	N/A	N/A	N/A	N/A	N/A	N/A	N/A
191	N/A	N/A	N/A	N/A	N/A	N/A	N/A
192	N/A	N/A	N/A	N/A	N/A	N/A	N/A

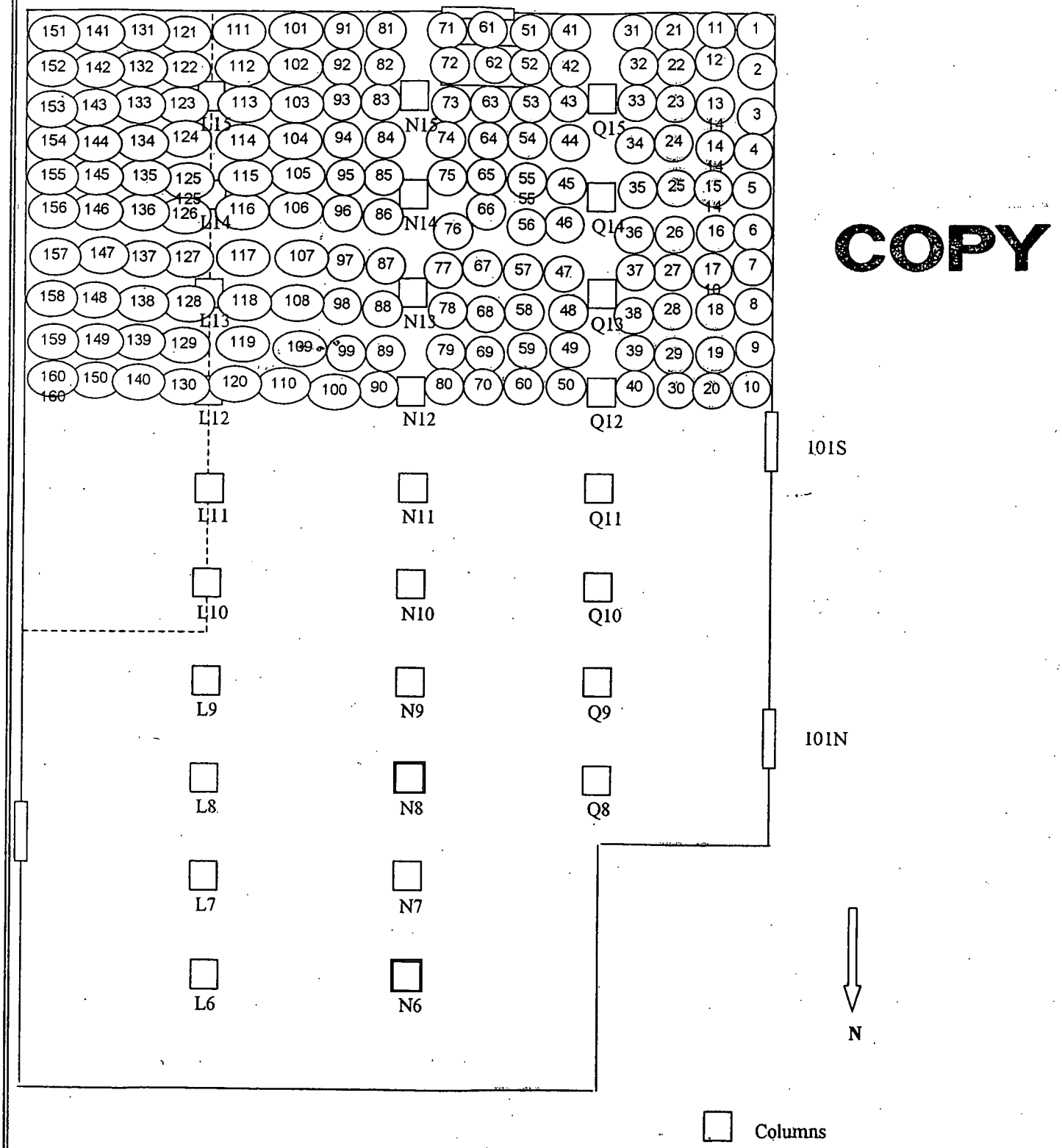
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Rm 101/107
Purpose: Pre- Pressure Wash Survey

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Date: 1/14/05
Time: 10:30



COPY

64/814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	763	Serial #	821	Serial #	2316
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	6/28/05
Bkg	0.5 cpmα	Bkg	0.2 cpmα	Bkg	3 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα
Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	706	Serial #	924	Serial #	2316
Cal Due	4/30/05	Cal Due	10/12/05	Cal Due	6/28/05
Bkg	47.6 cpmβ	Bkg	43.8 cpmβ	Bkg	975 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey tracking # : 444-VRAY-02

Survey Type: Alpha / Beta Contamination

Building: 444

Location: RM. 101-Pre Pressure Wash (Pre-fix)

Purpose: Characterization of floor

RWP #: 05-444-0002

Date: 1/15/05 Time: 10:30

RCT: [redacted]

RCT: [redacted]

Print name Signature Emp. #

PRN/REN # : N/A

Comments: Isotope of concern is U-238.

COPY

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	SEE MAP	N/A	N/A	N/A	<258	3,186	N/A
2	SEE MAP	N/A	N/A	N/A	<258	1,264	N/A
3	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
4	SEE MAP	N/A	N/A	N/A	<258	11,045	N/A
5	SEE MAP	N/A	N/A	N/A	<258	2,323	N/A
6	SEE MAP	N/A	N/A	N/A	<258	1,450	N/A
7	SEE MAP	N/A	N/A	N/A	<258	3,341	N/A
8	SEE MAP	N/A	N/A	N/A	<258	3,750	N/A
9	SEE MAP	N/A	N/A	N/A	<258	4,755	N/A
10	SEE MAP	N/A	N/A	N/A	<258	2,082	N/A
11	SEE MAP	N/A	N/A	N/A	<258	4,327	N/A
12	SEE MAP	N/A	N/A	N/A	<258	2,491	N/A
13	SEE MAP	N/A	N/A	N/A	<258	3,750	N/A
14	SEE MAP	N/A	N/A	N/A	<258	2,368	N/A
15	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
16	SEE MAP	N/A	N/A	N/A	<258	5,164	N/A
17	SEE MAP	N/A	N/A	N/A	<258	3,632	N/A
18	SEE MAP	N/A	N/A	N/A	<258	2,591	N/A
19	SEE MAP	N/A	N/A	N/A	<258	2,473	N/A
20	SEE MAP	N/A	N/A	N/A	<258	5,127	N/A

Date Reviewed: 1-16-05 **RS Supervision:** [redacted]

Print Name Signature Emp. #

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
21	SEE MAP	N/A	N/A	N/A	<258	7,477	N/A
22	SEE MAP	N/A	N/A	N/A	<258	1,477	N/A
23	SEE MAP	N/A	N/A	N/A	<258	1,041	N/A
24	SEE MAP	N/A	N/A	N/A	<258	2,323	N/A
25	SEE MAP	N/A	N/A	N/A	<258	2,268	N/A
26	SEE MAP	N/A	N/A	N/A	<258	2,677	N/A
27	SEE MAP	N/A	N/A	N/A	<258	2,186	N/A
28	SEE MAP	N/A	N/A	N/A	<258	1,232	N/A
29	SEE MAP	N/A	N/A	N/A	<258	1,150	N/A
30	SEE MAP	N/A	N/A	N/A	<258	959	N/A
31	SEE MAP	N/A	N/A	N/A	<258	2,523	N/A
32	SEE MAP	N/A	N/A	N/A	<258	3,264	N/A
33	SEE MAP	N/A	N/A	N/A	<258	2,509	N/A
34	SEE MAP	N/A	N/A	N/A	<258	4,550	N/A
35	SEE MAP	N/A	N/A	N/A	<258	4,073	N/A
36	SEE MAP	N/A	N/A	N/A	<258	1,877	N/A
37	SEE MAP	N/A	N/A	N/A	<258	1,932	N/A
38	SEE MAP	N/A	N/A	N/A	<258	2,009	N/A
39	SEE MAP	N/A	N/A	N/A	<258	3,336	N/A
40	SEE MAP	N/A	N/A	N/A	<258	2,359	N/A
41	SEE MAP	N/A	N/A	N/A	<258	4,177	N/A
42	SEE MAP	N/A	N/A	N/A	<258	1,759	N/A
43	SEE MAP	N/A	N/A	N/A	<258	2,173	N/A
44	SEE MAP	N/A	N/A	N/A	<258	782	N/A
45	SEE MAP	N/A	N/A	N/A	<258	8,641	N/A
46	SEE MAP	N/A	N/A	N/A	<258	9,209	N/A
47	SEE MAP	N/A	N/A	N/A	<258	2,136	N/A
48	SEE MAP	N/A	N/A	N/A	<258	1,614	N/A
49	SEE MAP	N/A	N/A	N/A	<258	3,223	N/A
50	SEE MAP	N/A	N/A	N/A	<258	13,268	N/A
51	SEE MAP	N/A	N/A	N/A	<258	6,427	N/A
52	SEE MAP	N/A	N/A	N/A	<258	4,355	N/A
53	SEE MAP	N/A	N/A	N/A	<258	3,600	N/A
54	SEE MAP	N/A	N/A	N/A	<258	3,086	N/A
55	SEE MAP	N/A	N/A	N/A	<258	1,927	N/A
56	SEE MAP	N/A	N/A	N/A	<258	4,777	N/A
57	SEE MAP	N/A	N/A	N/A	<258	2,355	N/A
58	SEE MAP	N/A	N/A	N/A	<258	4,414	N/A
59	SEE MAP	N/A	N/A	N/A	<258	1,841	N/A
60	SEE MAP	N/A	N/A	N/A	<258	3,195	N/A
61	SEE MAP	N/A	N/A	N/A	<258	2,895	N/A
62	SEE MAP	N/A	N/A	N/A	<258	1,809	N/A
63	SEE MAP	N/A	N/A	N/A	<258	1,814	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
#	SEE MAP	dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
64	SEE MAP	N/A	N/A	N/A	<258	1,382	N/A
65	SEE MAP	N/A	N/A	N/A	<258	2,845	N/A
66	SEE MAP	N/A	N/A	N/A	<258	2,100	N/A
67	SEE MAP	N/A	N/A	N/A	<258	2,341	N/A
68	SEE MAP	N/A	N/A	N/A	<258	1,636	N/A
69	SEE MAP	N/A	N/A	N/A	<258	936	N/A
70	SEE MAP	N/A	N/A	N/A	<258	1,927	N/A
71	SEE MAP	N/A	N/A	N/A	<258	2,609	N/A
72	SEE MAP	N/A	N/A	N/A	<258	1,745	N/A
73	SEE MAP	N/A	N/A	N/A	<258	1,177	N/A
74	SEE MAP	N/A	N/A	N/A	<258	1,277	N/A
75	SEE MAP	N/A	N/A	N/A	<258	1,395	N/A
76	SEE MAP	N/A	N/A	N/A	<258	2,459	N/A
77	SEE MAP	N/A	N/A	N/A	<258	2,186	N/A
78	SEE MAP	N/A	N/A	N/A	<258	1,891	N/A
79	SEE MAP	N/A	N/A	N/A	<258	1,695	N/A
80	SEE MAP	N/A	N/A	N/A	<258	945	N/A
81	SEE MAP	N/A	N/A	N/A	<258	1,741	N/A
82	SEE MAP	N/A	N/A	N/A	<258	1,891	N/A
83	SEE MAP	N/A	N/A	N/A	<258	1,823	N/A
84	SEE MAP	N/A	N/A	N/A	<258	1,014	N/A
85	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
86	SEE MAP	N/A	N/A	N/A	<258	1,686	N/A
87	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
88	SEE MAP	N/A	N/A	N/A	<258	1,114	N/A
89	SEE MAP	N/A	N/A	N/A	<258	1,655	N/A
90	SEE MAP	N/A	N/A	N/A	<258	1,791	N/A
91	SEE MAP	N/A	N/A	N/A	<258	2,323	N/A
92	SEE MAP	N/A	N/A	N/A	<258	2,250	N/A
93	SEE MAP	N/A	N/A	N/A	<258	1,345	N/A
94	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
95	SEE MAP	N/A	N/A	N/A	<258	1,473	N/A
96	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
97	SEE MAP	N/A	N/A	N/A	<258	782	N/A
98	SEE MAP	N/A	N/A	N/A	<258	1,059	N/A
99	SEE MAP	N/A	N/A	N/A	<258	1,627	N/A
100	SEE MAP	N/A	N/A	N/A	<258	818	N/A
101	SEE MAP	N/A	N/A	N/A	<258	1,964	N/A
102	SEE MAP	N/A	N/A	N/A	<258	1,550	N/A
103	SEE MAP	N/A	N/A	N/A	<258	2,164	N/A
104	SEE MAP	N/A	N/A	N/A	<258	1,023	N/A
105	SEE MAP	N/A	N/A	N/A	<258	786	N/A
106	SEE MAP	N/A	N/A	N/A	<258	<745	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe	LOCATION	ALPHA			BETA		
		Swipe	Direct	Wipe	Swipe	Direct	Wipe
#	SEE MAP	dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
107	SEE MAP	N/A	N/A	N/A	<258	1,123	N/A
108	SEE MAP	N/A	N/A	N/A	<258	1,150	N/A
109	SEE MAP	N/A	N/A	N/A	<258	2,032	N/A
110	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
111	SEE MAP	N/A	N/A	N/A	<258	1,250	N/A
112	SEE MAP	N/A	N/A	N/A	<258	1,655	N/A
113	SEE MAP	N/A	N/A	N/A	<258	1,064	N/A
114	SEE MAP	N/A	N/A	N/A	<258	973	N/A
115	SEE MAP	N/A	N/A	N/A	<258	5,814	N/A
116	SEE MAP	N/A	N/A	N/A	<258	886	N/A
117	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
118	SEE MAP	N/A	N/A	N/A	<258	1,195	N/A
119	SEE MAP	N/A	N/A	N/A	<258	2,555	N/A
120	SEE MAP	N/A	N/A	N/A	<258	1,295	N/A
121	SEE MAP	N/A	N/A	N/A	<258	1,436	N/A
122	SEE MAP	N/A	N/A	N/A	<258	1,864	N/A
123	SEE MAP	N/A	N/A	N/A	<258	3,223	N/A
124	SEE MAP	N/A	N/A	N/A	<258	918	N/A
125	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
126	SEE MAP	N/A	N/A	N/A	<258	1,609	N/A
127	SEE MAP	N/A	N/A	N/A	<258	936	N/A
128	SEE MAP	N/A	N/A	N/A	<258	2,350	N/A
129	SEE MAP	N/A	N/A	N/A	<258	5,305	N/A
130	SEE MAP	N/A	N/A	N/A	<258	1,095	N/A
131	SEE MAP	N/A	N/A	N/A	<258	1,055	N/A
132	SEE MAP	N/A	N/A	N/A	<258	1,395	N/A
133	SEE MAP	N/A	N/A	N/A	<258	959	N/A
134	SEE MAP	N/A	N/A	N/A	<258	1,555	N/A
135	SEE MAP	N/A	N/A	N/A	<258	1,586	N/A
136	SEE MAP	N/A	N/A	N/A	<258	768	N/A
137	SEE MAP	N/A	N/A	N/A	<258	1,559	N/A
138	SEE MAP	N/A	N/A	N/A	<258	1,041	N/A
139	SEE MAP	N/A	N/A	N/A	<258	768	N/A
140	SEE MAP	N/A	N/A	N/A	<258	1,277	N/A
141	SEE MAP	N/A	N/A	N/A	<258	4,345	N/A
142	SEE MAP	N/A	N/A	N/A	<258	2,341	N/A
143	SEE MAP	N/A	N/A	N/A	<258	1,468	N/A
144	SEE MAP	N/A	N/A	N/A	<258	1,586	N/A
145	SEE MAP	N/A	N/A	N/A	<258	1,723	N/A
146	SEE MAP	N/A	N/A	N/A	<258	1,505	N/A
147	SEE MAP	N/A	N/A	N/A	<258	1,091	N/A
148	SEE MAP	N/A	N/A	N/A	<258	1,245	N/A
149	SEE MAP	N/A	N/A	N/A	<258	2,355	N/A

SURVEY RESULTS

COPY

Swipe	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
#	SEE MAP	dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
150	SEE MAP	N/A	N/A	N/A	<258	**5,623**	N/A
151	SEE MAP	N/A	N/A	N/A	<258	**1,500**	N/A
152	SEE MAP	N/A	N/A	N/A	<258	**1,464**	N/A
153	SEE MAP	N/A	N/A	N/A	<258	**1,182**	N/A
154	SEE MAP	N/A	N/A	N/A	<258	**4,286**	N/A
155	SEE MAP	N/A	N/A	N/A	<258	**1,636**	N/A
156	SEE MAP	N/A	N/A	N/A	<258	**1,041**	N/A
157	SEE MAP	N/A	N/A	N/A	<258	**5,909**	N/A
158	SEE MAP	N/A	N/A	N/A	<258	**1,605**	N/A
159	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
160	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
161	N/A	N/A	N/A	N/A	N/A	N/A	N/A
162	N/A	N/A	N/A	N/A	N/A	N/A	N/A
163	N/A	N/A	N/A	N/A	N/A	N/A	N/A
164	N/A	N/A	N/A	N/A	N/A	N/A	N/A
165	N/A	N/A	N/A	N/A	N/A	N/A	N/A
166	N/A	N/A	N/A	N/A	N/A	N/A	N/A
167	N/A	N/A	N/A	N/A	N/A	N/A	N/A
168	N/A	N/A	N/A	N/A	N/A	N/A	N/A
169	N/A	N/A	N/A	N/A	N/A	N/A	N/A
170	N/A	N/A	N/A	N/A	N/A	N/A	N/A
171	N/A	N/A	N/A	N/A	N/A	N/A	N/A
172	N/A	N/A	N/A	N/A	N/A	N/A	N/A
173	N/A	N/A	N/A	N/A	N/A	N/A	N/A
174	N/A	N/A	N/A	N/A	N/A	N/A	N/A
175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
176	N/A	N/A	N/A	N/A	N/A	N/A	N/A
177	N/A	N/A	N/A	N/A	N/A	N/A	N/A
178	N/A	N/A	N/A	N/A	N/A	N/A	N/A
179	N/A	N/A	N/A	N/A	N/A	N/A	N/A
180	N/A	N/A	N/A	N/A	N/A	N/A	N/A
181	N/A	N/A	N/A	N/A	N/A	N/A	N/A
182	N/A	N/A	N/A	N/A	N/A	N/A	N/A
183	N/A	N/A	N/A	N/A	N/A	N/A	N/A
184	N/A	N/A	N/A	N/A	N/A	N/A	N/A
185	N/A	N/A	N/A	N/A	N/A	N/A	N/A
186	N/A	N/A	N/A	N/A	N/A	N/A	N/A
187	N/A	N/A	N/A	N/A	N/A	N/A	N/A
188	N/A	N/A	N/A	N/A	N/A	N/A	N/A
189	N/A	N/A	N/A	N/A	N/A	N/A	N/A
190	N/A	N/A	N/A	N/A	N/A	N/A	N/A
191	N/A	N/A	N/A	N/A	N/A	N/A	N/A
192	N/A	N/A	N/A	N/A	N/A	N/A	N/A

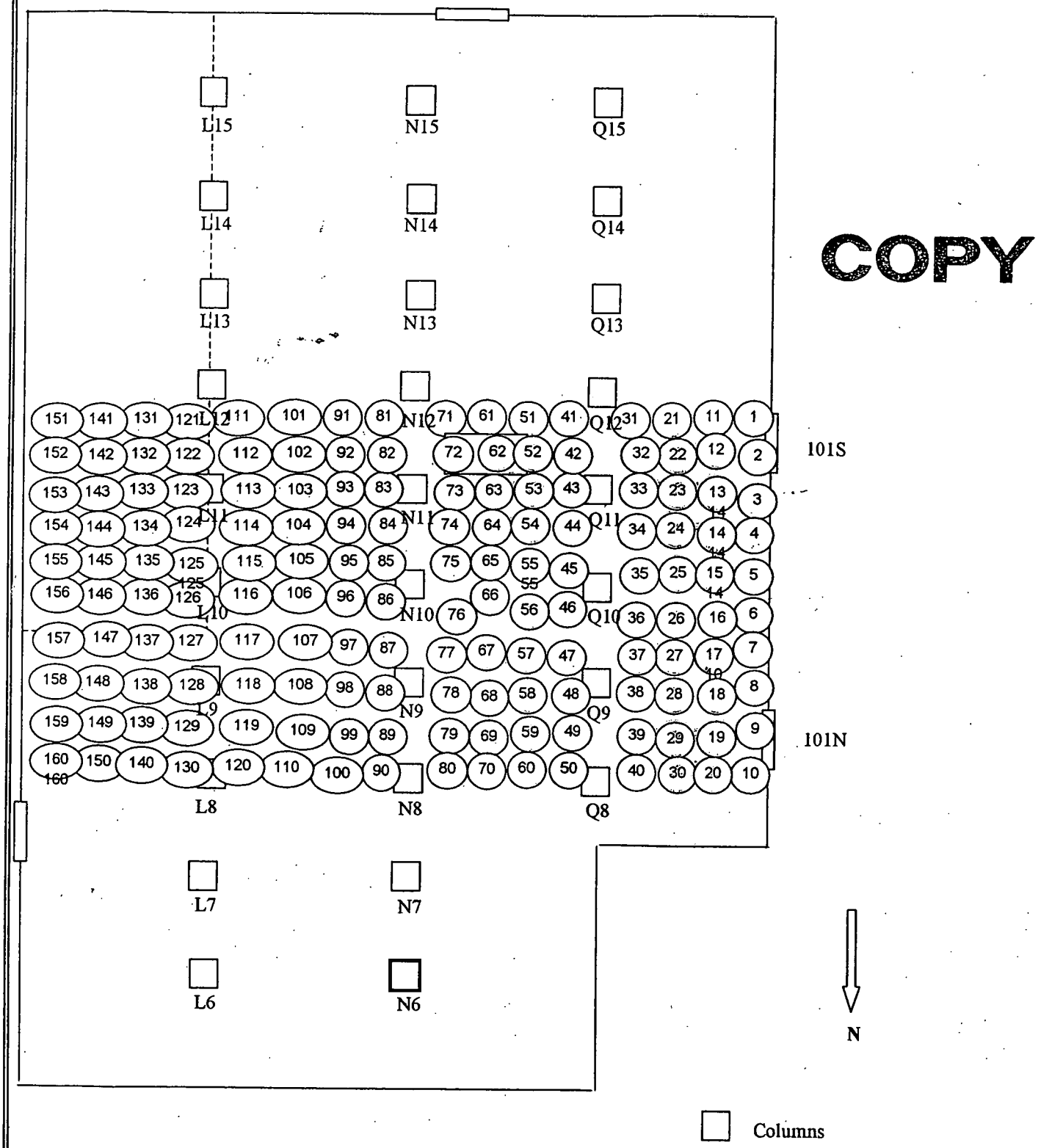
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Rm 101/107
Purpose: Pre- Pressure Wash Survey

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Date: 1/15/05
Time: 10:30



COPY

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814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	763	Serial #	821	Serial #	2316
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	6/28/05
Bkg	0.3 cpmα	Bkg	0.5 cpmα	Bkg	7 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	706	Serial #	924	Serial #	2316
Cal Due	4/30/05	Cal Due	10/12/05	Cal Due	6/28/05
Bkg	44.7 cpmβ	Bkg	46 cpmβ	Bkg	972 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey tracking #: 444-VM4-03

Survey Type: Alpha / Beta Contamination

Building: 444

Location: RM. 101-Pre Pressure Wash (Pre-fix)

Purpose: Characterization of floor

RWP #: 05-444-0002

Date: 1/16/05 Time: 10:30

RCT: [redacted]

RCT: [redacted]

Print name Signature Emp. #

PRN/REN # : N/A

Comments: Isotope of concern is U-238.

COPY

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	SEE MAP	N/A	N/A	N/A	<258	955	N/A
2	SEE MAP	N/A	N/A	N/A	<258	2,614	N/A
3	SEE MAP	N/A	N/A	N/A	<258	845	N/A
4	SEE MAP	N/A	N/A	N/A	<258	1,077	N/A
5	SEE MAP	N/A	N/A	N/A	<258	1,450	N/A
6	SEE MAP	N/A	N/A	N/A	<258	2,032	N/A
7	SEE MAP	N/A	N/A	N/A	<258	795	N/A
8	SEE MAP	N/A	N/A	N/A	<258	1,145	N/A
9	SEE MAP	N/A	N/A	N/A	<258	1,127	N/A
10	SEE MAP	N/A	N/A	N/A	<258	991	N/A
11	SEE MAP	N/A	N/A	N/A	<258	864	N/A
12	SEE MAP	N/A	N/A	N/A	<258	886	N/A
13	SEE MAP	N/A	N/A	N/A	<258	955	N/A
14	SEE MAP	N/A	N/A	N/A	<258	1,905	N/A
15	SEE MAP	N/A	N/A	N/A	<258	891	N/A
16	SEE MAP	N/A	N/A	N/A	<258	982	N/A
17	SEE MAP	N/A	N/A	N/A	<258	891	N/A
18	SEE MAP	N/A	N/A	N/A	<258	4,145	N/A
19	SEE MAP	N/A	N/A	N/A	<258	1,682	N/A
20	SEE MAP	N/A	N/A	N/A	<258	2,695	N/A

Date Reviewed: 1-17-05 **RS Supervision:** [redacted]

Print Name Signature Emp. #

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

COPY

SURVEY RESULTS

Swipe	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
#	SEE MAP	dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
21	SEE MAP	N/A	N/A	N/A	<258	1,195	N/A
22	SEE MAP	N/A	N/A	N/A	<258	1,050	N/A
23	SEE MAP	N/A	N/A	N/A	<258	1,109	N/A
24	SEE MAP	N/A	N/A	N/A	<258	1,895	N/A
25	SEE MAP	N/A	N/A	N/A	<258	1,209	N/A
26	SEE MAP	N/A	N/A	N/A	<258	1,086	N/A
27	SEE MAP	N/A	N/A	N/A	<258	1,264	N/A
28	SEE MAP	N/A	N/A	N/A	<258	1,518	N/A
29	SEE MAP	N/A	N/A	N/A	<258	1,500	N/A
30	SEE MAP	N/A	N/A	N/A	<258	1,182	N/A
31	SEE MAP	N/A	N/A	N/A	<258	1,427	N/A
32	SEE MAP	N/A	N/A	N/A	<258	1,041	N/A
33	SEE MAP	N/A	N/A	N/A	<258	2,327	N/A
34	SEE MAP	N/A	N/A	N/A	<258	1,332	N/A
35	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
36	SEE MAP	N/A	N/A	N/A	<258	973	N/A
37	SEE MAP	N/A	N/A	N/A	<258	1,945	N/A
38	SEE MAP	N/A	N/A	N/A	<258	1,509	N/A
39	SEE MAP	N/A	N/A	N/A	<258	1,468	N/A
40	SEE MAP	N/A	N/A	N/A	<258	1,386	N/A
41	SEE MAP	N/A	N/A	N/A	<258	1,450	N/A
42	SEE MAP	N/A	N/A	N/A	<258	836	N/A
43	SEE MAP	N/A	N/A	N/A	<258	1,086	N/A
44	SEE MAP	N/A	N/A	N/A	<258	1,500	N/A
45	SEE MAP	N/A	N/A	N/A	<258	1,741	N/A
46	SEE MAP	N/A	N/A	N/A	<258	1,455	N/A
47	SEE MAP	N/A	N/A	N/A	<258	1,155	N/A
48	SEE MAP	N/A	N/A	N/A	<258	1,705	N/A
49	SEE MAP	N/A	N/A	N/A	<258	868	N/A
50	SEE MAP	N/A	N/A	N/A	<258	1,114	N/A
51	SEE MAP	N/A	N/A	N/A	<258	44,355	N/A
52	SEE MAP	N/A	N/A	N/A	<258	2,032	N/A
53	SEE MAP	N/A	N/A	N/A	<258	818	N/A
54	SEE MAP	N/A	N/A	N/A	<258	1,227	N/A
55	SEE MAP	N/A	N/A	N/A	<258	1,023	N/A
56	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
57	SEE MAP	N/A	N/A	N/A	<258	2,000	N/A
58	SEE MAP	N/A	N/A	N/A	<258	1,823	N/A
59	SEE MAP	N/A	N/A	N/A	<258	4,518	N/A
60	SEE MAP	N/A	N/A	N/A	<258	2,382	N/A
61	SEE MAP	N/A	N/A	N/A	<258	6,482	N/A
62	SEE MAP	N/A	N/A	N/A	<258	2,682	N/A
63	SEE MAP	N/A	N/A	N/A	<258	1,791	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
#	SEE MAP	dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
64	SEE MAP	N/A	N/A	N/A	<258	**868**	N/A
65	SEE MAP	N/A	N/A	N/A	<258	**4,223**	N/A
66	SEE MAP	N/A	N/A	N/A	<258	**6,064**	N/A
67	SEE MAP	N/A	N/A	N/A	<258	**991**	N/A
68	SEE MAP	N/A	N/A	N/A	<258	**1,414**	N/A
69	SEE MAP	N/A	N/A	N/A	<258	**991**	N/A
70	SEE MAP	N/A	N/A	N/A	<258	**2,391**	N/A
71	SEE MAP	N/A	N/A	N/A	<258	**7,568**	N/A
72	SEE MAP	N/A	N/A	N/A	<258	**1,782**	N/A
73	SEE MAP	N/A	N/A	N/A	<258	**1,705**	N/A
74	SEE MAP	N/A	N/A	N/A	<258	**6,464**	N/A
75	SEE MAP	N/A	N/A	N/A	<258	**905**	N/A
76	SEE MAP	N/A	N/A	N/A	<258	**777**	N/A
77	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
78	SEE MAP	N/A	N/A	N/A	<258	**2,000**	N/A
79	SEE MAP	N/A	N/A	N/A	<258	**927**	N/A
80	SEE MAP	N/A	N/A	N/A	<258	**2,259**	N/A
81	SEE MAP	N/A	N/A	N/A	<258	**1,500**	N/A
82	SEE MAP	N/A	N/A	N/A	<258	**1,045**	N/A
83	SEE MAP	N/A	N/A	N/A	<258	**1,159**	N/A
84	SEE MAP	N/A	N/A	N/A	<258	**964**	N/A
85	SEE MAP	N/A	N/A	N/A	<258	**973**	N/A
86	SEE MAP	N/A	N/A	N/A	<258	**1,795**	N/A
87	SEE MAP	N/A	N/A	N/A	<258	**1,586**	N/A
88	SEE MAP	N/A	N/A	N/A	<258	**1,373**	N/A
89	SEE MAP	N/A	N/A	N/A	<258	**1,705**	N/A
90	SEE MAP	N/A	N/A	N/A	<258	**3,445**	N/A
91	SEE MAP	N/A	N/A	N/A	<258	**868**	N/A
92	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
93	SEE MAP	N/A	N/A	N/A	<258	**1,264**	N/A
94	SEE MAP	N/A	N/A	N/A	<258	**1,877**	N/A
95	SEE MAP	N/A	N/A	N/A	<258	**1,673**	N/A
96	SEE MAP	N/A	N/A	N/A	<258	**1,168**	N/A
97	SEE MAP	N/A	N/A	N/A	<258	**2,227**	N/A
98	SEE MAP	N/A	N/A	N/A	<258	**1,405**	N/A
99	SEE MAP	N/A	N/A	N/A	<258	**1,373**	N/A
100	SEE MAP	N/A	N/A	N/A	<258	**1,368**	N/A
101	SEE MAP	N/A	N/A	N/A	<258	N/A	N/A
102	SEE MAP	N/A	N/A	N/A	<258	N/A	N/A
103	SEE MAP	N/A	N/A	N/A	<258	N/A	N/A
104	SEE MAP	N/A	N/A	N/A	<258	N/A	N/A
105	SEE MAP	N/A	N/A	N/A	<258	N/A	N/A
106	SEE MAP	N/A	N/A	N/A	<258	N/A	N/A

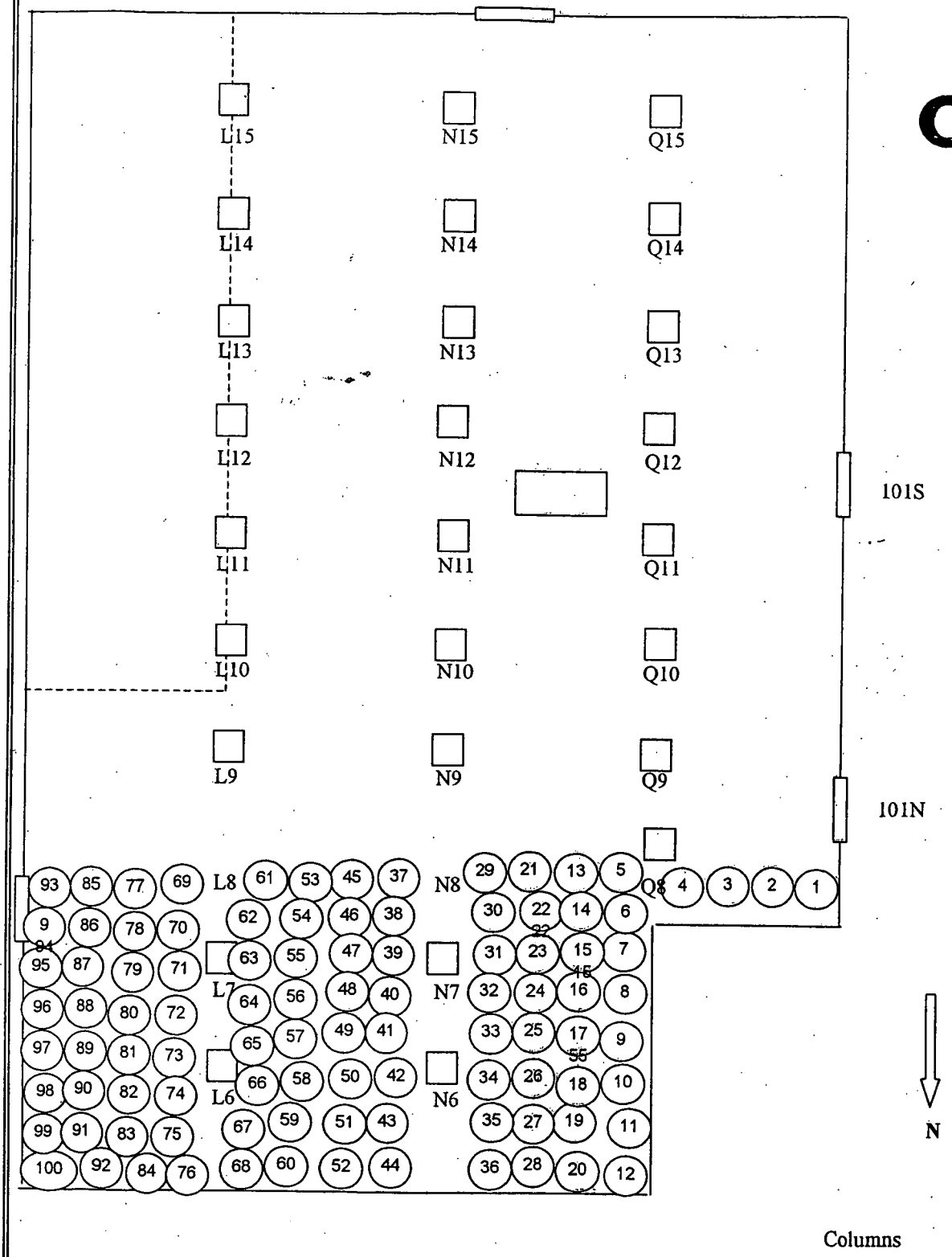
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Rm 101/107
Purpose: Pre- Pressure Wash Survey

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Date: 1/16/05
Time: 10:30



COPY

74/814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	763	Serial #	821	Serial #	1409
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	5/8/05
Bkg	0.3 cpmα	Bkg	0.4 cpmα	Bkg	6 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	706	Serial #	924	Serial #	1409
Cal Due	4/30/05	Cal Due	10/12/05	Cal Due	5/8/05
Bkg	46.5 cpmβ	Bkg	44.3 cpmβ	Bkg	664 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey tracking # : 444-YIA4-04

Survey Type: Alpha / Beta Contamination

Building: 444

Location: RM. 101-Ventilation Holes ? Am 107

Purpose: Characterization ~~(Pre-action/fix)~~

RWP #: 05-444-0002 (Pre-fix)

Date: 1/11/05 Time: 16:00

RCT: [redacted]

RCT: [redacted]

PRN/REN # : N/A

Comments: Isotope of concern is U-238.

COPY

SURVEY RESULTS

Swipe #	LOCATION SEE MAP	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Sample Point # 1	<20	N/A	N/A	<258	**6,318**	N/A
2	Sample Point # 4	<20	N/A	N/A	<258	**80,455**	N/A
3	Sample Point # 5	<20	N/A	N/A	<258	**554,545**	N/A
4	Sample Point # 6	<20	N/A	N/A	<258	**336,364**	N/A
5	Sample Point # 12	<20	N/A	N/A	<258	**112,273**	N/A
6	Sample Point # 14	<20	N/A	N/A	<258	**180,000**	N/A
7	Sample Point # 17	<20	N/A	N/A	<258	**142,727**	N/A
8	Sample Point # 18	**21**	N/A	N/A	**521**	**1,168,182**	N/A
9	Sample Point # 20	<20	N/A	N/A	<258	**142,727**	N/A
10	Sample Point # 22	**73**	N/A	N/A	**814**	**522,727**	N/A
11	Sample Point # 23	<20	N/A	N/A	<258	**15,591**	N/A
12	Sample Point # 25	<20	N/A	N/A	<258	**126,364**	N/A
13	Sample Point # 27	<20	N/A	N/A	<258	**52,273**	N/A
14	Sample Point # 43	<20	N/A	N/A	<258	**53,636**	N/A
15	Sample Point # 44	<20	N/A	N/A	<258	**59,091**	N/A
16	Sample Point # 48	<20	N/A	N/A	<258	**160,909**	N/A
17	Sample Point # 49	<20	N/A	N/A	<258	**110,909**	N/A
18	Sample Point # 50	<20	N/A	N/A	<258	**977,273**	N/A
19	Sample Point # 51	<20	N/A	N/A	<258	**105,000**	N/A
20	Sample Point # 52	<20	N/A	N/A	<258	**234,091**	N/A

Date Reviewed: 1-15-05 **RS Supervision:** [redacted]

Print Name Signature Emp. #

75/814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe #	LOCATION SEE MAP	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
21	Sample Point # 53	<20	N/A	N/A	<258	56,818	N/A
22	Sample Point # 54	<20	N/A	N/A	<258	149,091	N/A
23	Sample Point # 55	<20	N/A	N/A	<258	11,409	N/A
24	Sample Point # 57	<20	N/A	N/A	<258	100,909	N/A
25	Sample Point # 61	21	N/A	N/A	<258	77,273	N/A
26	Sample Point # 62	<20	N/A	N/A	<258	123,182	N/A
27	Sample Point # 63	<20	N/A	N/A	<258	234,091	N/A
28	Sample Point # 64	<20	N/A	N/A	<258	448,182	N/A
29	Sample Point # 65	<20	N/A	N/A	<258	231,818	N/A
30	Sample Point # 66	<20	N/A	N/A	<258	490,909	N/A
31	Sample Point # 67	21	N/A	N/A	629	310,000	N/A
32	Sample Point # 68	39	N/A	N/A	679	209,545	N/A
33	Sample Point # 69	<20	N/A	N/A	<258	406,818	N/A
34	Sample Point # 70	91	N/A	N/A	1,136	417,273	N/A
35	Sample Point # 71	76	N/A	N/A	6,514	504,545	N/A
36	N/A	N/A	N/A	N/A	N/A	N/A	N/A
37	N/A	N/A	N/A	N/A	N/A	N/A	N/A
38	N/A	N/A	N/A	N/A	N/A	N/A	N/A
39	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	N/A	N/A	N/A	N/A	N/A	N/A	N/A
41	N/A	N/A	N/A	N/A	N/A	N/A	N/A
42	N/A	N/A	N/A	N/A	N/A	N/A	N/A
43	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45	N/A	N/A	N/A	N/A	N/A	N/A	N/A
46	N/A	N/A	N/A	N/A	N/A	N/A	N/A
47	N/A	N/A	N/A	N/A	N/A	N/A	N/A
48	N/A	N/A	N/A	N/A	N/A	N/A	N/A
49	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50	N/A	N/A	N/A	N/A	N/A	N/A	N/A
51	N/A	N/A	N/A	N/A	N/A	N/A	N/A
52	N/A	N/A	N/A	N/A	N/A	N/A	N/A
53	N/A	N/A	N/A	N/A	N/A	N/A	N/A
54	N/A	N/A	N/A	N/A	N/A	N/A	N/A
55	N/A	N/A	N/A	N/A	N/A	N/A	N/A
56	N/A	N/A	N/A	N/A	N/A	N/A	N/A
57	N/A	N/A	N/A	N/A	N/A	N/A	N/A
58	N/A	N/A	N/A	N/A	N/A	N/A	N/A
59	N/A	N/A	N/A	N/A	N/A	N/A	N/A
60	N/A	N/A	N/A	N/A	N/A	N/A	N/A
61	N/A	N/A	N/A	N/A	N/A	N/A	N/A
62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
63	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	763	Serial #	821	Serial #	1409
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	5/8/05
Bkg	0.1 cpmα	Bkg	0.6 cpmα	Bkg	5 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	706	Serial #	924	Serial #	1409
Cal Due	4/30/05	Cal Due	10/12/05	Cal Due	5/8/05
Bkg	47.3 cpmβ	Bkg	47.2 cpmβ	Bkg	813 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey tracking #: 444-V1A4-04

Survey Type: Alpha / Beta Contamination

Building: 444

Location: RM. 101-Ventilation Holes & Rm 107

Purpose: Characterization Pre-Fix

RWP #: 05-444-0002

Date: 1/13/05 Time: 15:00

RCT [redacted]

RCT [redacted]

Print name | Signature | Emp. #

PRN/REN # : N/A

Comments: Isotope of concern is U-238.

COPY

SURVEY RESULTS

Swipe #	LOCATION SEE MAP	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Sample Point # 19	<20	N/A	N/A	<258	232,273	N/A
2	Sample Point # 16	203	N/A	N/A	1,779	227,636	N/A
3	Sample Point # 15	36	N/A	N/A	<258	44,818	N/A
4	Sample Point # 13	91	N/A	N/A	936	60,455	N/A
5	Sample Point # 34	<20	N/A	N/A	<258	294,545	N/A
6	Sample Point # 35	67	N/A	N/A	400	120,909	N/A
7	Sample Point # 36	200	N/A	N/A	1,750	423,636	N/A
8	Sample Point # 37	118	N/A	N/A	679	94,091	N/A
9	Sample Point # 38	<20	N/A	N/A	<258	140,455	N/A
10	Sample Point # 39	70	N/A	N/A	543	289,545	N/A
11	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Date Reviewed: 1-13-05 **RS Supervision:** [redacted]

Print Name | Signature | Emp. #

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	763	Serial #	821	Serial #	1409
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	5/8/05
Bkg	0.1 cpmα	Bkg	0.6 cpmα	Bkg	5 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	706	Serial #	924	Serial #	1409
Cal Due	4/30/05	Cal Due	10/12/05	Cal Due	5/8/05
Bkg	47.3 cpmβ	Bkg	47.2 cpmβ	Bkg	813 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey tracking #: 444-V/A4-04

Survey Type: Alpha / Beta Contamination

Building: 444

Location: RM. 101-Ventilation Holes ? Rm 107

Purpose: Characterization Pre-Fix

RWP #: 05-444-0002

Date: 1/13/05 Time: 16:00

RCT: [redacted]

RCT: [redacted]

Print Name Signature Emp. #

PRN/REN # : N/A

Comments: Isotope of concern is U-238.

COPY

SURVEY RESULTS

Swipe #	LOCATION SEE MAP	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Sample Point # 40	424	1,471	N/A	4,457	140,909	N/A
2	Sample Point # 41	97	465	N/A	507	29,545	N/A
3	Sample Point # 86	<20	15,294	N/A	350	827,273	N/A
4	Sample Point # 85	82	10,588	N/A	386	2,727,273	N/A
5	Sample Point # 84	182	471	N/A	2,086	109,091	N/A
6	Sample Point # 83	33	3,941	N/A	307	559,091	N/A
7	Sample Point # 82	542	1,294	N/A	4,836	363,636	N/A
8	Sample Point # 81	39	1,647	N/A	1,750	59,091	N/A
9	Sample Point # 80	N/A	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Date Reviewed: 1-15-05 **RS Supervision:** [redacted]

Print Name Signature Emp. #

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model	N/A	Model	N/A	Model	DP-6
Serial #	N/A	Serial #	N/A	Serial #	1423
Cal Due	N/A	Cal Due	N/A	Cal Due	2/28/05
Bkg	N/A cpmα	Bkg	N/A cpmα	Bkg	1 cpmα
Efficiency	N/A %	Efficiency	N/A %	Efficiency	17 %
MDA	N/A dpmα	MDA	N/A dpmα	MDA	94 dpmα

Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model	N/A	Model	N/A	Model	DP-6
Serial #	N/A	Serial #	N/A	Serial #	1423
Cal Due	N/A	Cal Due	N/A	Cal Due	2/28/05
Bkg	N/A cpmβ	Bkg	N/A cpmβ	Bkg	719 cpmβ
Efficiency	N/A %	Efficiency	N/A %	Efficiency	22 %
MDA	N/A dpmβ	MDA	N/A dpmβ	MDA	745 dpmβ

Survey tracking #: 444-VIA4-04

Survey Type: Alpha & Beta Contamination

Building: 444

Location: Rm 101 Ventilation Holes ? Rm 107

Purpose: Characterization Pre-Fix

RWP #: 05-444-0002

Date: 1/14/05 Time: 13:45

[redacted]

Print name / Signature / Emp. #

RCT: N/A / N/A / N/A

Print name / Signature / Emp. #

PRN/REN # : N/A

Comments: Isotope of concern U-238.

COPY

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Sample Point # 2	<94	N/A	N/A	1750	103636	N/A
2	Sample Point # 3	<94	N/A	N/A	5000	463636	N/A
3	Sample Point # 7	<94	N/A	N/A	<745	173636	N/A
4	Sample Point # 8	<94	N/A	N/A	<745	221818	N/A
5	Sample Point # 9	<94	N/A	N/A	<745	106364	N/A
6	Sample Point # 10	<94	N/A	N/A	<745	290909	N/A
7	Sample Point # 11	<94	N/A	N/A	1500	256818	N/A
8	Sample Point # 21	<94	N/A	N/A	<745	297727	N/A
9	Sample Point # 24	<94	N/A	N/A	1000	95909	N/A
10	Sample Point # 26	<94	N/A	N/A	1500	99545	N/A
11	Sample Point # 28	<94	N/A	N/A	<745	170909	N/A
12	Sample Point # 29	<94	N/A	N/A	<745	5677	N/A
13	Sample Point # 30	<94	N/A	N/A	<745	39136	N/A
14	Sample Point # 31	<94	N/A	N/A	<745	30227	N/A
15	Sample Point # 32	<94	N/A	N/A	<745	49091	N/A
16	Sample Point # 33	<94	N/A	N/A	1095	225909	N/A
17	Sample Point # 42	228	N/A	N/A	3635	3363636	N/A
18	Sample Point # 45	<94	N/A	N/A	<745	70455	N/A
19	Sample Point # 46	<94	N/A	N/A	<745	46364	N/A
20	Sample Point # 47	<94	N/A	N/A	<745	486364	N/A

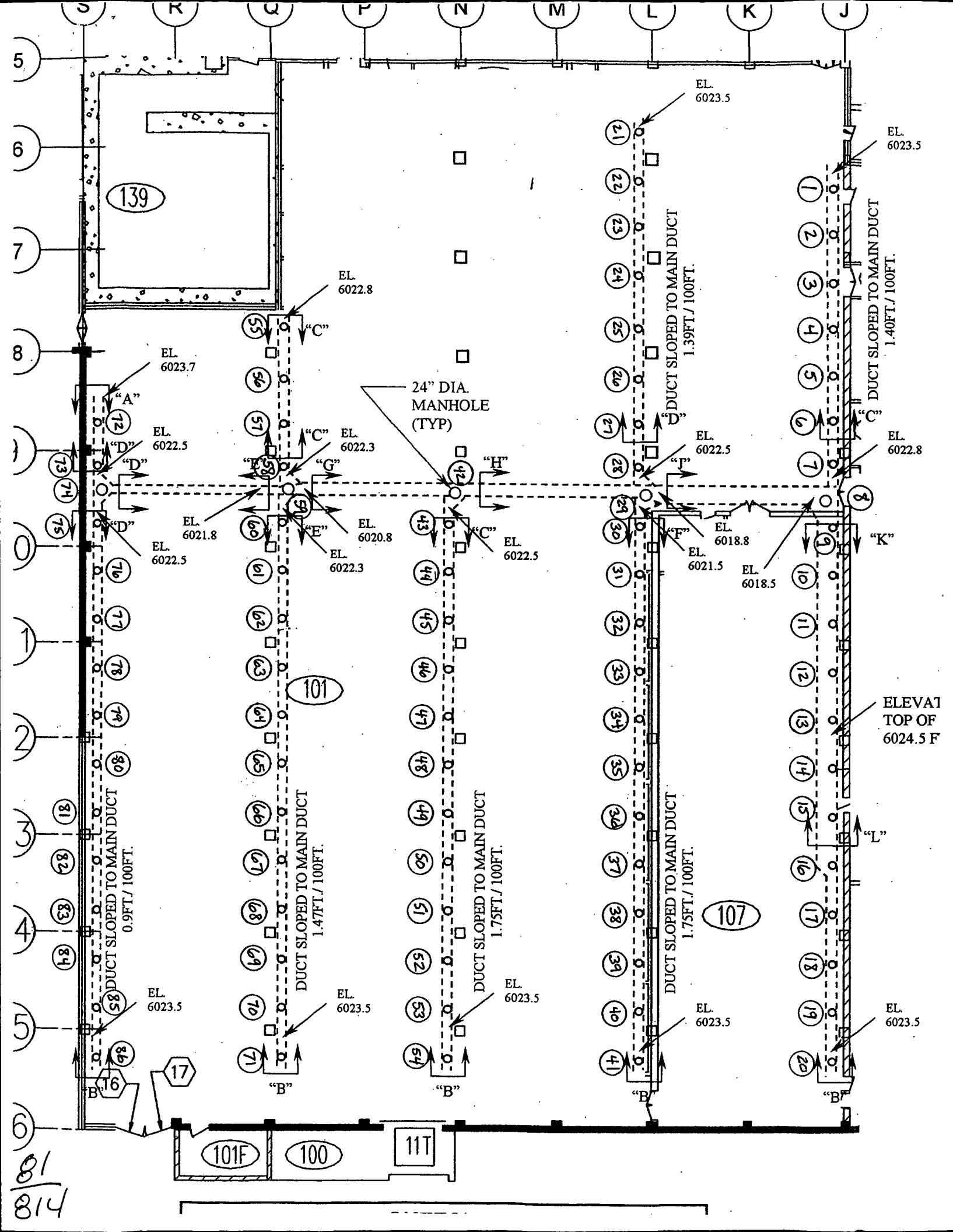
Date Reviewed: 1-15-05 **RS Supervision:** [redacted]

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

COPY

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
21	Sample Point # 56	<94	N/A	N/A	<745	**85455**	N/A
22	Sample Point # 58	<94	N/A	N/A	<745	**425909**	N/A
23	Sample Point # 59	<94	N/A	N/A	<745	**559091**	N/A
24	Sample Point # 60	<94	N/A	N/A	**1295**	**67273**	N/A
25	Sample Point # 72	<94	N/A	N/A	<745	**317727**	N/A
26	Sample Point # 73	<94	N/A	N/A	<745	**294545**	N/A
27	Sample Point # 74	<94	N/A	N/A	**1200**	**400455**	N/A
28	Sample Point # 75	<94	N/A	N/A	**2705**	**321818**	N/A
29	Sample Point # 76	<94	N/A	N/A	<745	**950000**	N/A
30	Sample Point # 77	<94	N/A	N/A	<745	**48182**	N/A
31	Sample Point # 78	<94	N/A	N/A	<745	**108182**	N/A
32	Sample Point # 79	<94	N/A	N/A	<745	**43782**	N/A
33	N/A	N/A	N/A	N/A	N/A	N/A	N/A
34	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	N/A	N/A	N/A	N/A	N/A	N/A	N/A
36	N/A	N/A	N/A	N/A	N/A	N/A	N/A
37	N/A	N/A	N/A	N/A	N/A	N/A	N/A
38	N/A	N/A	N/A	N/A	N/A	N/A	N/A
39	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	N/A	N/A	N/A	N/A	N/A	N/A	N/A
41	N/A	N/A	N/A	N/A	N/A	N/A	N/A
42	N/A	N/A	N/A	N/A	N/A	N/A	N/A
43	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45	N/A	N/A	N/A	N/A	N/A	N/A	N/A
46	N/A	N/A	N/A	N/A	N/A	N/A	N/A
47	N/A	N/A	N/A	N/A	N/A	N/A	N/A
48	N/A	N/A	N/A	N/A	N/A	N/A	N/A
49	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50	N/A	N/A	N/A	N/A	N/A	N/A	N/A
51	N/A	N/A	N/A	N/A	N/A	N/A	N/A
52	N/A	N/A	N/A	N/A	N/A	N/A	N/A
53	N/A	N/A	N/A	N/A	N/A	N/A	N/A
54	N/A	N/A	N/A	N/A	N/A	N/A	N/A
55	N/A	N/A	N/A	N/A	N/A	N/A	N/A
56	N/A	N/A	N/A	N/A	N/A	N/A	N/A
57	N/A	N/A	N/A	N/A	N/A	N/A	N/A
58	N/A	N/A	N/A	N/A	N/A	N/A	N/A
59	N/A	N/A	N/A	N/A	N/A	N/A	N/A
60	N/A	N/A	N/A	N/A	N/A	N/A	N/A
61	N/A	N/A	N/A	N/A	N/A	N/A	N/A
62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
63	N/A	N/A	N/A	N/A	N/A	N/A	N/A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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	N/A
Model	SAC-4	Model	SAC-4	Model	N/A
Serial #	763	Serial #	821	Serial #	N/A
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	N/A
Bkg	0.6 cpmα	Bkg	0.6 cpmα	Bkg	N/A cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	N/A %
MDA	20 dpmα	MDA	20 dpmα	MDA	N/A dpmα
Mfg.	Eberline	Mfg.	Eberline	Mfg.	N/A
Model	BC-4	Model	BC-4	Model	N/A
Serial #	694	Serial #	706	Serial #	N/A
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	N/A
Bkg	41.7 cpmβ	Bkg	44.4 cpmβ	Bkg	N/A cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	N/A %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	N/A dpmβ

Survey tracking #: UUU-VIA4-05

Survey Type: Contamination

Building: 444

Location: Room 101 ? Rm 107

Purpose: Post Decon of ventilation tunnels (Pre-fix)

RWP #: N/A

Date: 2/1/05 Time: 15:00

RCT: [redacted]

RCT: [redacted]

Print name Signature Emp. #

PRN/REN # : N/A

Comments: Isotope of concern is U-238. Survey is post decon of ventilation tunnels in Room 101.

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Survey Point 1	<20	N/A	N/A	<258	N/A	N/A
2	Survey Point 2	<20			<258		
3	Survey Point 3	<20			<258		
4	Survey Point 4	24			<258		
5	Survey Point 5	72			550		
6	Survey Point 6	36			300		
7	Survey Point 7	111			1064		
8	Survey Point 8	48			879		
9	Survey Point 9	135			1471		
10	Survey Point 10	51			929		
11	Survey Point 11	72			521		
12	Survey Point 12	66			779		
13	Survey Point 13	51			664		
14	Survey Point 14	72			929		
15	Survey Point 15	54			443		
16	Survey Point 16	99			5536		
17	Survey Point 17	<20			<258		
18	Survey Point 18	99			1079		
19	Survey Point 19	48			<258		
20	Survey Point 20	21	N/A	N/A	<258	N/A	N/A

Date Reviewed: 2-1-05 **RS Supervision:** [redacted]

Print Name Signature Emp. #

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
21	Survey Point 21	33	N/A	N/A	307	N/A	N/A
22	Survey Point 22	<20			<258		
23	Survey Point 23	<20			<258		
24	Survey Point 24	<20			<258		
25	Survey Point 25	<20			<258		
26	Survey Point 26	39			314		
27	Survey Point 27	27			1129		
28	Survey Point 28	72			4057		
29	Survey Point 29	48			<258		
30	Survey Point 30	24			<258		
31	Survey Point 31	84			807		
32	Survey Point 32	69			750		
33	Survey Point 33	<20			407		
34	Survey Point 34	84			1364		
35	Survey Point 35	66			557		
36	Survey Point 36	117			2264		
37	Survey Point 37	60			743		
38	Survey Point 38	21			1021		
39	Survey Point 39	24			<258		
40	Survey Point 40	<20			<258		
41	Survey Point 41	<20			<258		
42	Survey Point 42	60			950		
43	Survey Point 43	<20			<258		
44	Survey Point 44	<20			<258		
45	Survey Point 45	<20			<258		
46	Survey Point 46	48			457		
47	Survey Point 47	<20			379		
48	Survey Point 48	<20			<258		
49	Survey Point 49	75			736		
50	Survey Point 50	114			2107		
51	Survey Point 51	57			421		
52	Survey Point 52	<20			<258		
53	Survey Point 53	<20			<258		
54	Survey Point 54	<20			<258		
55	Survey Point 55	21			<258		
56	Survey Point 56	<20			<258		
57	Survey Point 57	21			<258		
58	Survey Point 58	<20			<258		
59	Survey Point 59	30			<258		
60	Survey Point 60	<20			<258		
61	Survey Point 61	48			336		
62	Survey Point 62	57			450		
63	Survey Point 63	27	N/A	N/A	321	N/A	N/A

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83/814

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
64	Survey Point 64	**24**	N/A	N/A	<258	N/A	N/A
65	Survey Point 65	**33**			<258		
66	Survey Point 66	<20			**279**		
67	Survey Point 67	<20			<258		
68	Survey Point 68	<20			<258		
69	Survey Point 69	**69**			**1086**		
70	Survey Point 70	<20			<258		
71	Survey Point 71	**99**			**571**		
72	Survey Point 72	**24**			<258		
73	Survey Point 73	**135**			**650**		
74	Survey Point 74	**159**			**4114**		
75	Survey Point 75	**297**			**2543**		
76	Survey Point 76	**183**			**6929**		
77	Survey Point 77	**105**			**793**		
78	Survey Point 78	**132**			**964**		
79	Survey Point 79	**87**			**836**		
80	Survey Point 80	**234**			**2229**		
81	Survey Point 81	**228**			**2257**		
82	Survey Point 82	**69**			**386**		
83	Survey Point 83	**369**			**4986**		
84	Survey Point 84	**285**			**3379**		
85	Survey Point 85	**372**			**3707**		
86	Survey Point 86	**729**			**8807**		
87	N/A	N/A			N/A		
88							
89							
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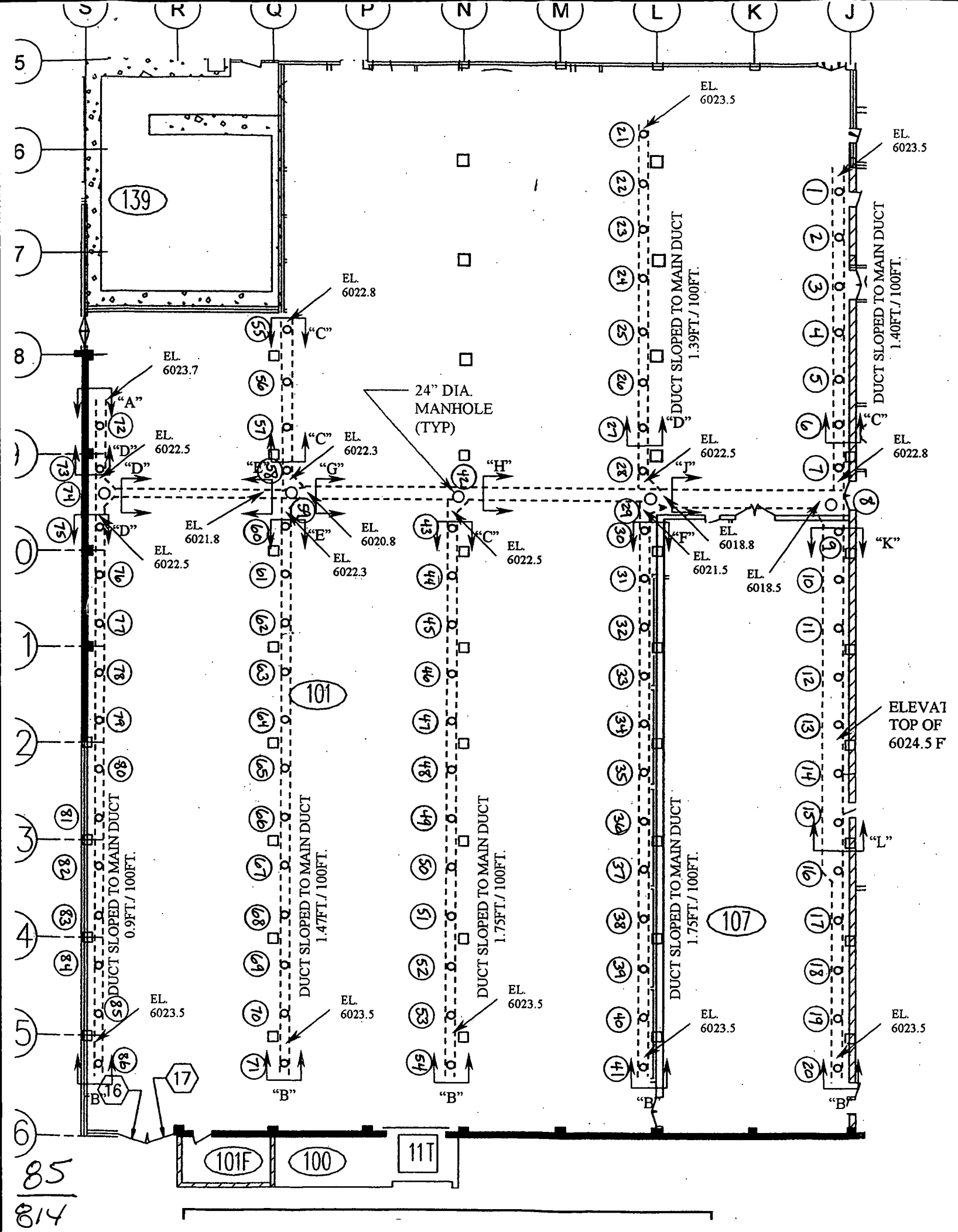
105	▼	▼	▼	▼	▼	▼	▼
106	N/A	N/A	N/A	N/A	N/A	N/A	N/A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24" DIA. MANHOLE (TYP)
DUCT SLOPED TO MAIN DUCT 1.39FT./100FT.
DUCT SLOPED TO MAIN DUCT 1.40FT./100FT.
DUCT SLOPED TO MAIN DUCT 0.9FT./100FT.
DUCT SLOPED TO MAIN DUCT 1.47FT./100FT.
DUCT SLOPED TO MAIN DUCT 1.75FT./100FT.
DUCT SLOPED TO MAIN DUCT 1.75FT./100FT.
ELEVAT
TOP OF
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814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model		Model		Model	DP-6
Serial #		Serial #		Serial #	1423
Cal Due		Cal Due		Cal Due	2/28/05
Bkg.	cpm α	Bkg.	cpm α	Bkg.	4 cpm α
Eff.	%	Eff.	%	Eff.	17 %
MDA	N/A dpm α	MDA	N/A dpm α	MDA	94 dpm α
Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model		Model		Model	DP-6
Serial #		Serial #		Serial #	1423
Cal Due		Cal Due		Cal Due	2/28/05
Bkg.	cpm β	Bkg.	cpm β	Bkg.	827 cpm β
Eff.	%	Eff.	%	Eff.	22 %
MDA	N/A dpm β	MDA	N/A dpm β	MDA	745 dpm β

Survey tracking #: 444-V1A4-06

Survey Type: CONTAMINATION Page 1 of 1

Building: 444

Location: Rm 101 ventilation holes & Rm 107

Purpose: Resurvey (Post-Fixative)

RWP #: N/A

COPY

Date: 2/7/05 Time: 10:45

RCT: [redacted]

Print Name Signature Emp. #

RCT: N/A | N/A | N/A

Print Name Signature Emp. #

PRN/REN: N/A

Comments: Isotope of Concern U-238.See attached survey. Type of surface on all locations appears to be smooth concrete with fixative applied.

SURVEY RESULTS

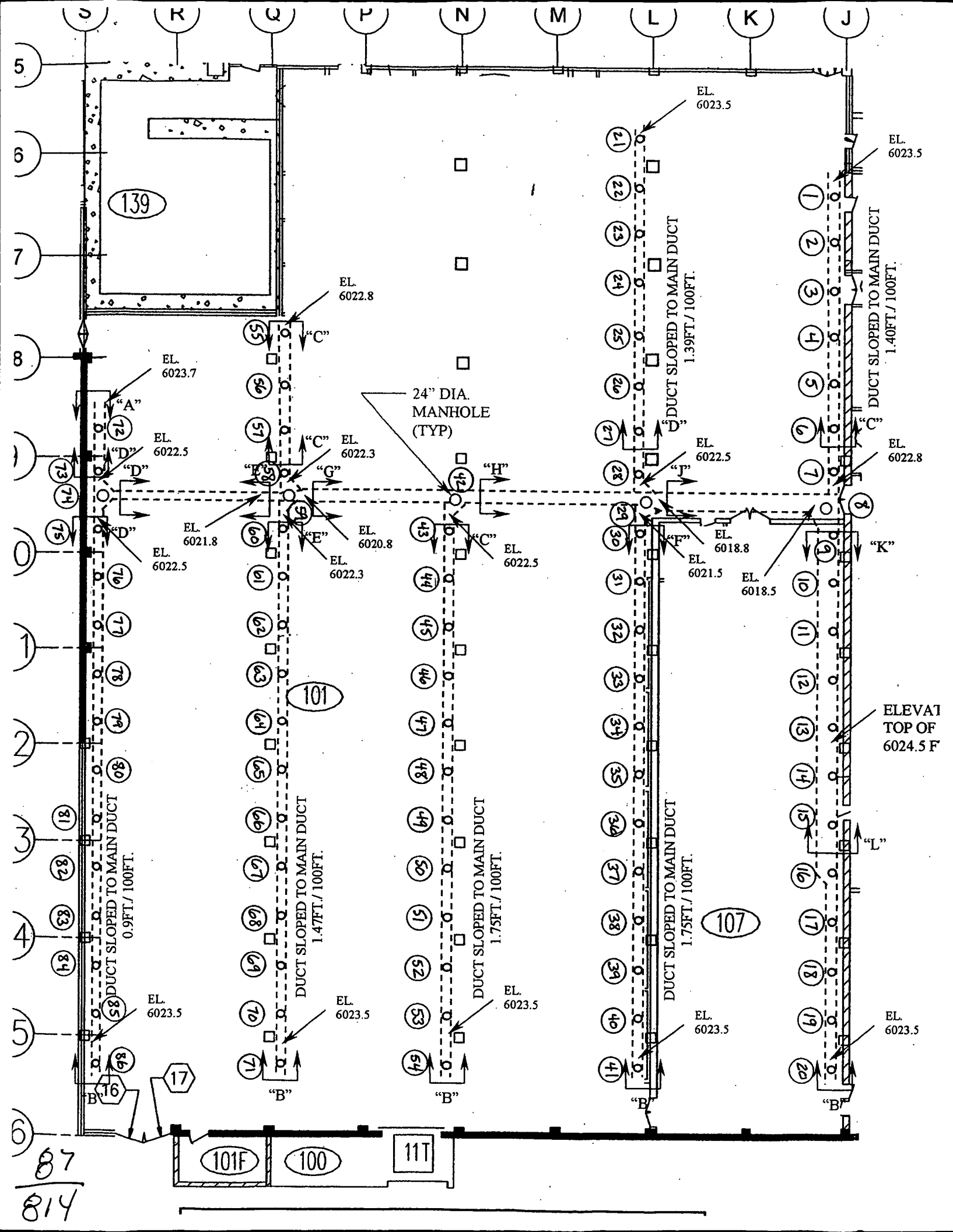
#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Location 3 on attached survey.	N/A	N/A	N/A	<745
2	Location 5 on attached survey.	N/A	N/A	N/A	23515
3	Location 18 on attached survey.	N/A	N/A	N/A	133500
4	Location 22 on attached survey.	N/A	N/A	N/A	<745
5	Location 36 on attached survey.	N/A	N/A	N/A	<745
6	Location 42 on attached survey.	N/A	N/A	N/A	145000
7	Location 47 on attached survey.	N/A	N/A	N/A	15900
8	Location 50 on attached survey.	N/A	N/A	N/A	239000
9	Location 58 on attached survey.	N/A	N/A	N/A	3750
10	Location 59 on attached survey.	N/A	N/A	N/A	45625
11	Location 64 on attached survey.	N/A	N/A	N/A	83000
12	Location 66 on attached survey.	N/A	N/A	N/A	60000
13	Location 69 on attached survey.	N/A	N/A	N/A	32625
14	Location 70 on attached survey.	N/A	N/A	N/A	25000
15	Location 71 on attached survey.	N/A	N/A	N/A	43385
16	Location 74 on attached survey.	N/A	N/A	N/A	278000
17	Location 76 on attached survey.	N/A	N/A	N/A	1030000
18	Location 83 on attached survey.	N/A	N/A	N/A	388000
19	Location 85 on attached survey.	N/A	N/A	N/A	418500
20	Location 86 on attached survey.	N/A	N/A	N/A	550000
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A
24	N/A	N/A	N/A	N/A	N/A
25	N/A	N/A	N/A	N/A	N/A

Date Reviewed: 2-7-05 **RS Supervision:** [redacted]

Print Name Signature Emp. #

3-PRO-164-RSP-07.01 (effective 7/12/01)

86/814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24" DIA. MANHOLE (TYP)
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DUCT SLOPED TO MAIN DUCT 1.75FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 1.39FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 1.40FT./ 100FT.
ELEVAT
TOP OF
6024.5 F

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	NE	Mfg.	EBERLINE	Mfg.	EBERLINE
Model	ELECTRA	Model	SAC-4	Model	SAC-4
Serial #	1392	Serial #	971	Serial #	763
Cal Due	6/28/05	Cal Due	3/20/05	Cal Due	3/20/05
Bkg.	1 cpm α	Bkg.	0.2 cpm α	Bkg.	0.4 cpm α
Eff.	22.0 %	Eff.	33 %	Eff.	33.0 %
MDA	94 dpm α	MDA	20 dpm α	MDA	20 dpm α
Mfg.	NE	Mfg.	EBERLINE	Mfg.	EBERLINE
Model	ELECTRA	Model	BC-4	Model	BC-4
Serial #	1392	Serial #	924	Serial #	773
Cal Due	6/28/05	Cal Due	7/8/05	Cal Due	10/21/05
Bkg.	840 cpm β	Bkg.	46.4 cpm β	Bkg.	43.4 cpm β
Eff.	17 %	Eff.	14 %	Eff.	14.0 %
MDA	745 dpm β	MDA	248 dpm β	MDA	248 dpm β

Survey tracking #: 444-1144 — 0 28

Survey Type: CONTAMINATION Page 1 of 3

COPY

Building: 444

Location: Rm. 101

Purpose: Post Decon Survey of Electrical Trenches

Pre Excavation

RWP #: 05-444-0002

Date: 2-Feb-05 Time: 9:00

RCT [redacted]

RCT: N/A | N/A | N/A

Print Name | Signature | Emp. #

PRN/REN:

Comments: Isotope of Concern U-238. Scan for Highest Reading.

SURVEY RESULTS

#	See Map	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	In Trench	N/A	<258	N/A	**60K**
2	In Trench	N/A	<258	N/A	**140K**
3	In Trench	N/A	<258	N/A	**50K**
4	In Trench	N/A	<258	N/A	**210K**
5	In Trench	N/A	<258	N/A	**105K**
6	In Trench	N/A	<258	N/A	**125K**
7	In Trench	N/A	<258	N/A	**220K**
8	In Trench	N/A	<258	N/A	**165K**
9	In Trench	N/A	<258	N/A	**40K**
10	In Trench	N/A	<258	N/A	**115K**
11	In Trench	N/A	<258	N/A	**60K**
12	In Trench	N/A	<258	N/A	**10K**
13	In Trench	N/A	<258	N/A	**25K**
14	In Trench	N/A	<258	N/A	**50K**
15	In Trench	N/A	<258	N/A	**25K**
16	In Trench	N/A	<258	N/A	**15K**
17	In Trench	N/A	<258	N/A	**20K**
18	In Trench	N/A	<258	N/A	**25K**
19	In Trench	N/A	<258	N/A	**60K**
20	In Trench	N/A	<258	N/A	**190K**
21	In Trench	N/A	<258	N/A	**80K**
22	In Trench	N/A	<258	N/A	**110K**
23	In Trench	N/A	<258	N/A	**50K**
24	In Trench	N/A	<258	N/A	**75K**
25	In Trench	N/A	<258	N/A	**40K**

Date Reviewed: 2-2-05 **RS Supervision:** [redacted]

Print Name | Signature | Emp. #

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Rm. 101
Purpose: Post Decon Survey of Electrical Trench

RADIOLOGICAL SAFETY

COPY

Date: 2/2/05
Time: 9:00 AM

#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
26	In Trench	<20	<258	N/A	**40K**
27	In Trench	<20	<258	N/A	**20K**
28	In Trench	<20	<258	N/A	**28K**
29	In Trench	<20	<258	N/A	**32.5K**
30	In Trench	<20	<258	N/A	**20K**
31	In Trench	<20	<258	N/A	**40K**
32	In Trench	<20	<258	N/A	**70K**
33	In Trench	<20	<258	N/A	**20K**
34	In Trench	<20	<258	N/A	**100K**
35	In Trench	<20	<258	N/A	**30K**
36	N/A	N/A	N/A	N/A	N/A
37	N/A	N/A	N/A	N/A	N/A
38	N/A	N/A	N/A	N/A	N/A
39	N/A	N/A	N/A	N/A	N/A
40	N/A	N/A	N/A	N/A	N/A
41	N/A	N/A	N/A	N/A	N/A
42	N/A	N/A	N/A	N/A	N/A
43	N/A	N/A	N/A	N/A	N/A
44	N/A	N/A	N/A	N/A	N/A
45	N/A	N/A	N/A	N/A	N/A
46	N/A	N/A	N/A	N/A	N/A
47	N/A	N/A	N/A	N/A	N/A
48	N/A	N/A	N/A	N/A	N/A
49	N/A	N/A	N/A	N/A	N/A
50	N/A	N/A	N/A	N/A	N/A
51	N/A	N/A	N/A	N/A	N/A
52	N/A	N/A	N/A	N/A	N/A
53	N/A	N/A	N/A	N/A	N/A
54	N/A	N/A	N/A	N/A	N/A
55	N/A	N/A	N/A	N/A	N/A
56	N/A	N/A	N/A	N/A	N/A
57	N/A	N/A	N/A	N/A	N/A
58	N/A	N/A	N/A	N/A	N/A
59	N/A	N/A	N/A	N/A	N/A
60	N/A	N/A	N/A	N/A	N/A
61	N/A	N/A	N/A	N/A	N/A
62	N/A	N/A	N/A	N/A	N/A
63	N/A	N/A	N/A	N/A	N/A
64	N/A	N/A	N/A	N/A	N/A
65	N/A	N/A	N/A	N/A	N/A
66	N/A	N/A	N/A	N/A	N/A
67	N/A	N/A	N/A	N/A	N/A
68	N/A	N/A	N/A	N/A	N/A
69	N/A	N/A	N/A	N/A	N/A
70	N/A	N/A	N/A	N/A	N/A
71	N/A	N/A	N/A	N/A	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

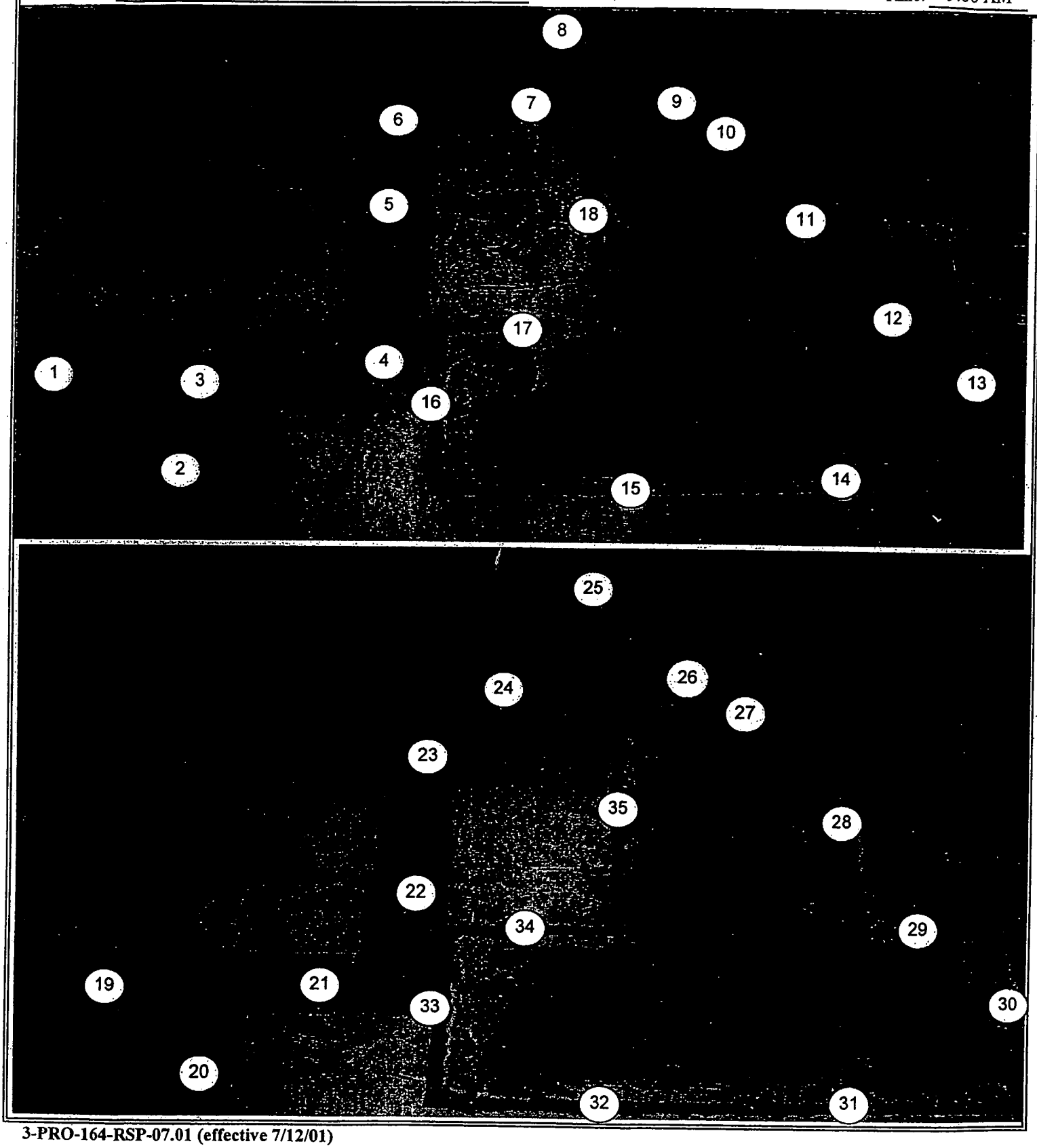
Building: 444
Location: Rm. 101
Purpose: Post Decon Survey of Electrical Trench

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

COPY

Date: 2/2/05
Time: 9:00 AM



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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg. EBERLINE	Mfg. EBERLINE	Mfg. NE Electra
Model SAC-4	Model SAC-4	Model DP-6
Serial # 821	Serial # 1197	Serial # 3248
Cal Due 3/29/05	Cal Due 7/20/05	Cal Due 7/24/05
Bkg. 0.1 cpm α	Bkg. 0.4 cpm α	Bkg. 6 cpm α
Eff. 33 %	Eff. 33 %	Eff. 17 %
MDA 20 dpm α	MDA 20 dpm α	MDA 94 dpm α
Mfg. EBERLINE	Mfg. EBERLINE	Mfg. NE Electra
Model BC-4	Model BC-4	Model DP-6
Serial # 383	Serial # 387	Serial # 3248
Cal Due 1/17/06	Cal Due 1/17/06	Cal Due 7/24/05
Bkg. 45.4 cpm β	Bkg. 47.1 cpm β	Bkg. 943 cpm β
Eff. 14 %	Eff. 14 %	Eff. 22 %
MDA 258 dpm β	MDA 258 dpm β	MDA 745 dpm β

Survey Tracking #: 444-V1A4-08-09

Survey Type: CONTAMINATION Page 1 of 2

Building: 444

Location: Room 101

Purpose: Post decon/pre fixative

RWP #: N/A

Date: 2/2/05 Time: 10:15

RCT [redacted]

RCT: N/A | N/A | N/A

Print Name | Signature | Emp. #

PRN/REN: N/A

Comments: Isotope of Concern U-238

SURVEY RESULTS

#	Description SEE MAP	SWIPE DPM/100 CM² ALPHA	SWIPE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Trench	N/A	<258	N/A	4200
2	Trench	N/A	<258	N/A	12500
3	Trench	N/A	<258	N/A	17700
4	Trench	N/A	<258	N/A	19500
5	Trench	N/A	<258	N/A	8250
6	Trench	N/A	<258	N/A	8100
7	Trench	N/A	352	N/A	3875
8	Trench	N/A	<258	N/A	75000
9	Trench	N/A	<258	N/A	4100
10	Trench	N/A	<258	N/A	9500
11	Trench	N/A	<258	N/A	90500
12	Trench	N/A	<258	N/A	4600
13	Trench	N/A	<258	N/A	40750
14	Trench	N/A	<258	N/A	4300
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A
24	N/A	N/A	N/A	N/A	N/A
25	N/A	[redacted]			

Date Reviewed: 2-2-05 **RS Supervision:** [redacted]

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

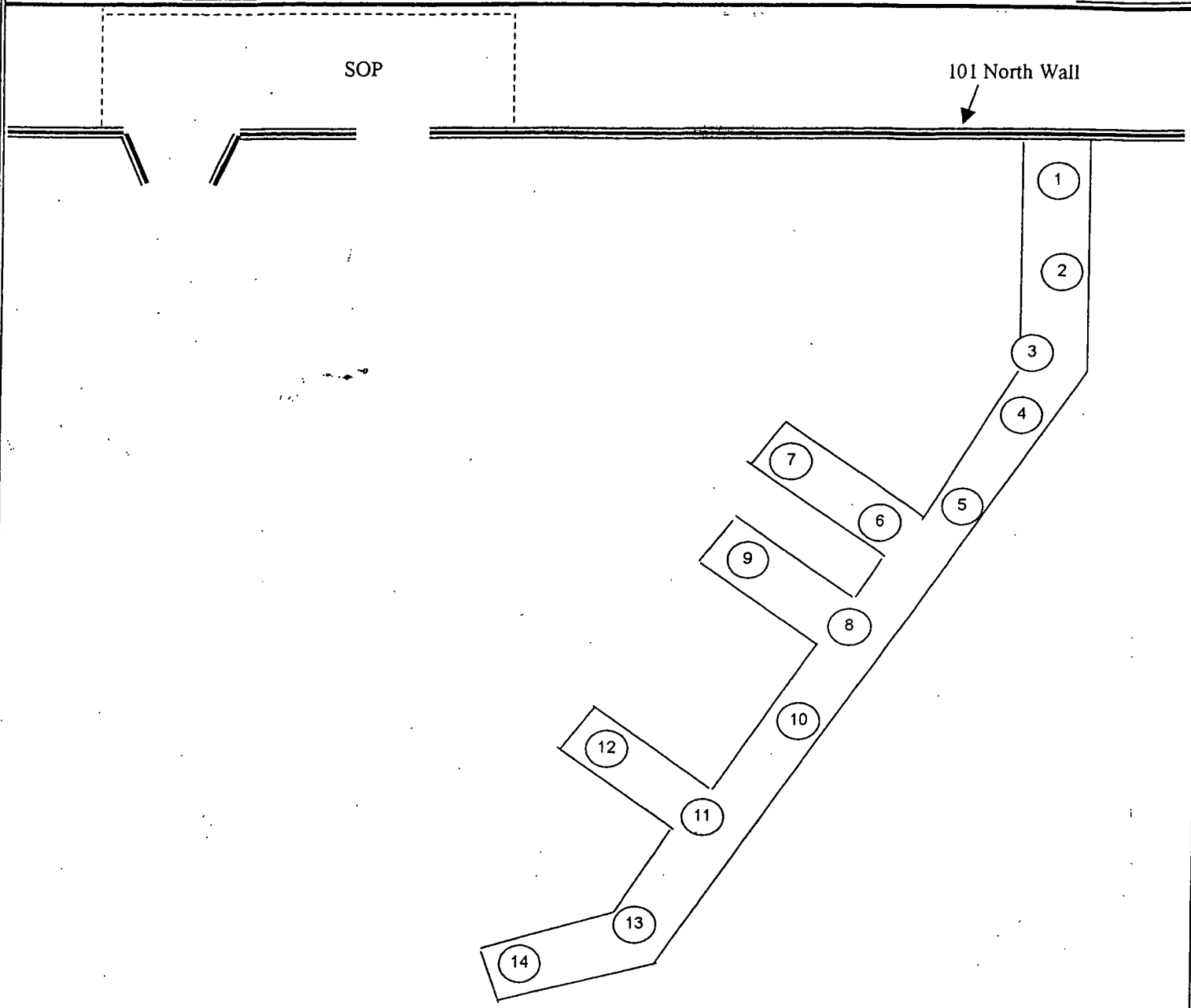
Building: 444
Location: Room 101
Purpose: Post decon/ pre fiative

RADIOLOGICAL SAFETY

COPY

Drawing Showing Survey Points

Page 2 of 2
Date: 2/2/05
Time: 10:15



ATTACHMENT B-8

VIA 4 POST-FIXATIVE LLW SURVEY FORMS

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	N/A
Model	SAC-4	Model	SAC-4	Model	N/A
Serial #	763	Serial #	821	Serial #	N/A
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	N/A
Bkg	0.2 cpmα	Bkg	0.6 cpmα	Bkg	N/A cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	N/A %
MDA	20 dpmα	MDA	20 dpmα	MDA	N/A dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	N/A
Model	BC-4	Model	BC-4	Model	N/A
Serial #	694	Serial #	706	Serial #	N/A
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	N/A
Bkg	40.1 cpmβ	Bkg	42.1 cpmβ	Bkg	N/A cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	N/A %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	N/A dpmβ

Survey tracking #: 444-V1A4-07

Survey Type: Alpha & Beta Contamination

Building: 444

Location: Room 101 ventilation tunnels ? Rm 107

Purpose: post fixative

RWP #: 05-444-0002

Date: 2/9/05 Time: 9:00

RCT: [redacted]

Print name / Signature / Emp. #

RCT: N/A / N/A / N/A

Print name / Signature / Emp. #

PRN/REN # : N/A

Comments: Isotope of concern U-238. Survey is post fixative for ventilation tunnels in Room 101 slab. Sample point 29 has no fixative applied. See attached map.

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Sample Point 1	<20	N/A	N/A	<258	N/A	N/A
2	Sample Point 2	<20			<258		
3	Sample Point 3	<20			<258		
4	Sample Point 4	<20			<258		
5	Sample Point 5	<20			<258		
6	Sample Point 6	<20			<258		
7	Sample Point 7	<20			<258		
8	Sample Point 8	<20			<258		
9	Sample Point 9	**27**			<258		
10	Sample Point 10	<20			<258		
11	Sample Point 11	<20			<258		
12	Sample Point 12	<20			<258		
13	Sample Point 13	<20			<258		
14	Sample Point 14	<20			<258		
15	Sample Point 15	<20			<258		
16	Sample Point 16	**111**			**5014**		
17	Sample Point 17	<20			<258		
18	Sample Point 18	<20			<258		
19	Sample Point 19	<20			<258		
20	Sample Point 20	<20	N/A	N/A	<258	N/A	N/A

Date Reviewed: 2-9-05 **RS Supervision:** [redacted]

94/814

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
21	Sample Point 21	<20	N/A	N/A	<258	N/A	N/A
22	Sample Point 22	<20			<258		
23	Sample Point 23	<20			<258		
24	Sample Point 24	<20			<258		
25	Sample Point 25	<20			<258		
26	Sample Point 26	<20			<258		
27	Sample Point 27	<20			<258		
28	Sample Point 28	<20			<258		
29	Sample Point 29	**33**			<258		
30	Sample Point 30	<20			<258		
31	Sample Point 31	<20			<258		
32	Sample Point 32	<20			<258		
33	Sample Point 33	<20			<258		
34	Sample Point 34	<20			<258		
35	Sample Point 35	<20			<258		
36	Sample Point 36	<20			<258		
37	Sample Point 37	<20			<258		
38	Sample Point 38	<20			<258		
39	Sample Point 39	<20			<258		
40	Sample Point 40	<20			<258		
41	Sample Point 41	<20			<258		
42	Sample Point 42	**54**			**293**		
43	Sample Point 43	<20			<258		
44	Sample Point 44	<20			<258		
45	Sample Point 45	<20			<258		
46	Sample Point 46	<20			<258		
47	Sample Point 47	<20			<258		
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51	Sample Point 51	<20			<258		
52	Sample Point 52	<20			<258		
53	Sample Point 53	<20			<258		
54	Sample Point 54	<20			<258		
55	Sample Point 55	**36**			<258		
56	Sample Point 56	<20			<258		
57	Sample Point 57	<20			<258		
58	Sample Point 58	<20			<258		
59	Sample Point 59	<20			<258		
60	Sample Point 60	<20			<258		
61	Sample Point 61	<20			<258		
62	Sample Point 62	<20			<258		
63	Sample Point 63	<20	N/A	N/A	<258	N/A	N/A

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

Swipe	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
#		dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
64	Sample Point 64	<20	N/A	N/A	<258	N/A	N/A
65	Sample Point 65	<20			<258		
66	Sample Point 66	<20			<258		
67	Sample Point 67	<20			<258		
68	Sample Point 68	<20			<258		
69	Sample Point 69	<20			<258		
70	Sample Point 70	<20			<258		
71	Sample Point 71	<20			<258		
72	Sample Point 72	<20			<258		
73	Sample Point 73	<20			<258		
74	Sample Point 74	<20			<258		
75	Sample Point 75	<20			<258		
76	Sample Point 76	<20			<258		
77	Sample Point 77	<20			<258		
78	Sample Point 78	<20			<258		
79	Sample Point 79	<20			<258		
80	Sample Point 80	**99**			**986**		
81	Sample Point 81	<20			<258		
82	Sample Point 82	**39**			**350**		
83	Sample Point 83	<20			<258		
84	Sample Point 84	**36**			**500**		
85	Sample Point 85	**30**			**586**		
86	Sample Point 86	**33**			<258		
87	N/A	N/A			N/A		
88							
89							
90							
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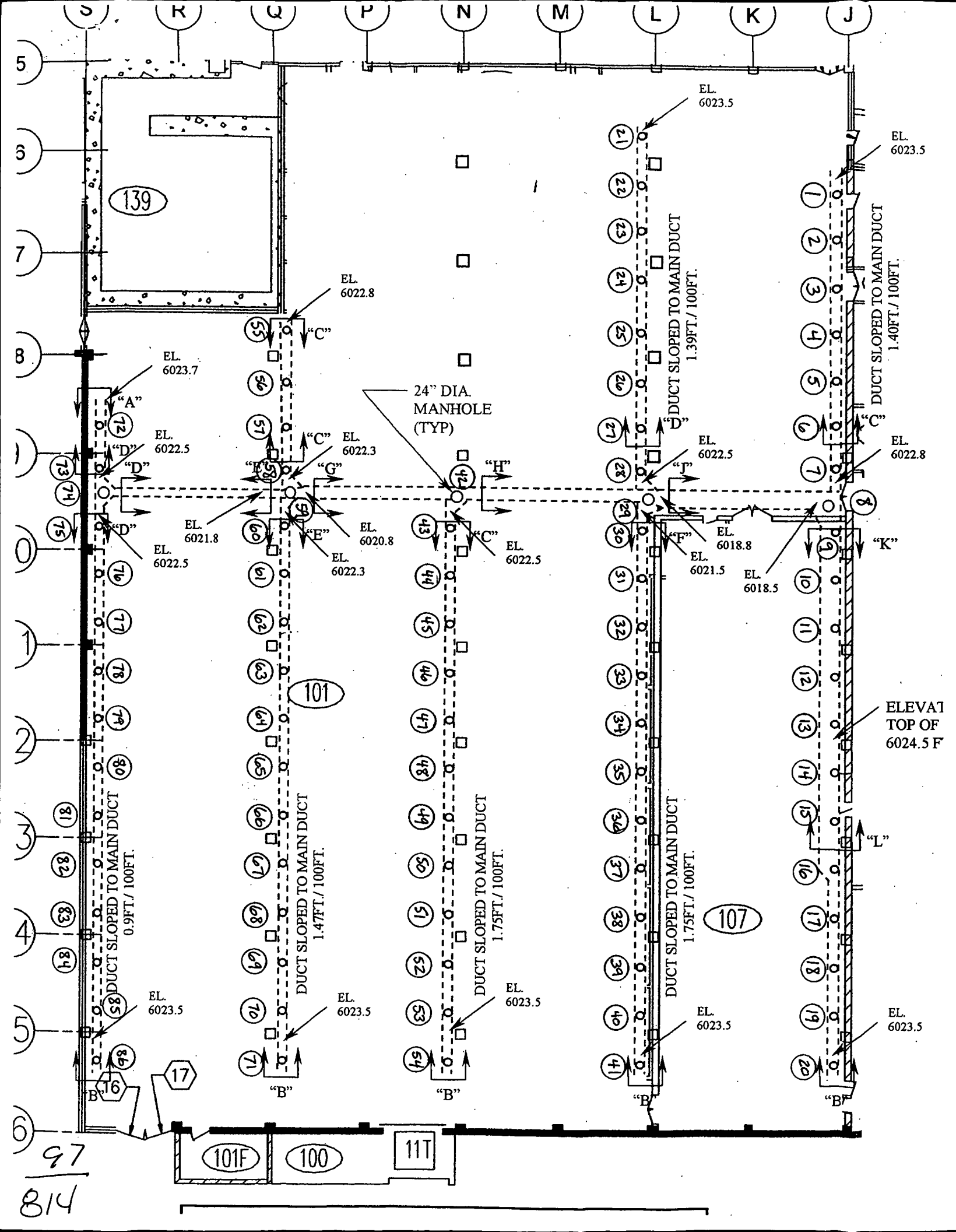
99							
100							
101							
102							
103							
104							
105	↓	↓	↓	↓	↓	↓	↓
106	N/A	N/A	N/A	N/A	N/A	N/A	N/A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"A"
"B"
"C"
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"E"
"F"
"G"
"H"
"J"
"K"
"L"
24" DIA. MANHOLE (TYP)
DUCT SLOPED TO MAIN DUCT 1.39FT./100FT.
DUCT SLOPED TO MAIN DUCT 1.40FT./100FT.
DUCT SLOPED TO MAIN DUCT 0.9FT./100FT.
DUCT SLOPED TO MAIN DUCT 1.47FT./100FT.
DUCT SLOPED TO MAIN DUCT 1.75FT./100FT.
DUCT SLOPED TO MAIN DUCT 1.75FT./100FT.
ELEVAT
TOP OF
6024.5 F

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ATTACHMENT B-9

VIA 5 PRE-FIXATIVE LLW SURVEY FORMS

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	N/A
Model	SAC-4	Model	SAC-4	Model	
Serial #	821	Serial #	1156	Serial #	
Cal Due	3/29/05	Cal Due	3/22/05	Cal Due	
Bkg.	0.6 cpm α	Bkg.	0.4 cpm α	Bkg.	cpm α
Eff.	33 %	Eff.	33 %	Eff.	%
MDA	20 dpm α	MDA	20 dpm α	MDA	dpm α
Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	
Model	BC-4	Model	BC-4	Model	
Serial #	694	Serial #	706	Serial #	
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	
Bkg.	38.5 cpm β	Bkg.	43.5 cpm β	Bkg.	cpm β
Eff.	14 %	Eff.	14 %	Eff.	%
MDA	258 dpm β	MDA	258 dpm β	MDA	N/A dpm β

Survey tracking #: 444-V145-01

Survey Type: CONTAMINATION **Page** 1 **of** 7

Building: 444 113A

Location: Room 113, 118, 104, 106, 103B, 104A, 104B, 104C, 104D, 104E

Purpose: Downpost CA (Direct + Removable) Pre-fix

RWP #: 04-444-0002 Pre-fix

Date: 12/11/04 Time: 10:00

RCT: [redacted]

RCT: [redacted]

PRN/REN:

Comments: Isotope of Concern U-238.

COPY

SURVEY RESULTS

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Room 113,118 Wall	<20	<258	N/A	N/A
2	Room 113,118 Wall	<20	<258	N/A	N/A
3	Room 113,118 Wall	<20	<258	N/A	N/A
4	Room 113,118 Wall	<20	<258	N/A	N/A
5	Room 113,118 Wall	<20	<258	N/A	N/A
6	Room 113,118 Wall	<20	<258	N/A	N/A
7	Room 113,118 Wall	<20	<258	N/A	N/A
8	Room 113,118 Wall	<20	<258	N/A	N/A
9	Room 113,118 Wall	<20	<258	N/A	N/A
10	Room 113,118 Wall	<20	<258	N/A	N/A
11	Room 113,118 Wall	<20	<258	N/A	N/A
12	Room 113,118 Wall	<20	<258	N/A	N/A
13	Room 113,118 Wall	<20	<258	N/A	N/A
14	Room 113,118 Wall	<20	<258	N/A	N/A
15	Room 113,118 Wall	<20	<258	N/A	N/A
16	Room 113,118 Wall	<20	<258	N/A	N/A
17	Room 113,118 Wall	<20	<258	N/A	N/A
18	Room 113,118 Wall	<20	<258	N/A	N/A
19	Room 113,118 Wall	<20	<258	N/A	N/A
20	Room 113,118 Wall	<20	<258	N/A	N/A
21	Room 113,118 Wall	<20	<258	N/A	N/A
22	Room 113,118 Wall	<20	<258	N/A	N/A
23	Room 113,118 Wall	<20	<258	N/A	N/A
24	Room 113,118 Wall	<20	<258	N/A	N/A
25	Room 113,118 Wall	[redacted]			

Date Reviewed: 12-12-04 **RS Supervision:** [redacted]

3-PRO-164-RSP-07.01 (effective 7/12/01)

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Room 113,118,104,106
Purpose: Downpost CA

RADIOLOGICAL SAFETY

Date: 12/11/04
Time: 10:00 AM

COPY

#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
26	Room 113,118 Wall	<20	<258	N/A	N/A
27	Room 113,118 Wall	<20	<258	N/A	N/A
28	Room 113,118 Wall	<20	<258	N/A	N/A
29	Room 113,118 Wall	<20	<258	N/A	N/A
30	Room 113,118 Wall	<20	<258	N/A	N/A
31	Room 113,118 Wall	<20	<258	N/A	N/A
32	Room 113,118 Wall	<20	<258	N/A	N/A
33	Room 113,118 Wall	<20	<258	N/A	N/A
34	Room 113,118 Wall	<20	<258	N/A	N/A
35	Room 113,118 Wall	<20	<258	N/A	N/A
36	Room 113,118 Wall	<20	<258	N/A	N/A
37	Room 113,118 Wall	<20	<258	N/A	N/A
38	Room 113,118 Wall	<20	<258	N/A	N/A
39	Room 113,118 Wall	<20	<258	N/A	N/A
40	Room 113,118 Floor	<20	<258	N/A	N/A
41	Room 113,118 Floor	<20	<258	N/A	N/A
42	Room 113,118 Floor	<20	<258	N/A	N/A
43	Room 113,118 Floor	<20	<258	N/A	N/A
44	Room 113,118 Floor	<20	<258	N/A	N/A
45	Room 113,118 Floor	<20	<258	N/A	N/A
46	Room 113,118 Floor	<20	<258	N/A	N/A
47	Room 113,118 Floor	<20	<258	N/A	N/A
48	Room 113,118 Floor	<20	<258	N/A	N/A
49	Room 113,118 Floor	<20	<258	N/A	N/A
50	Room 113,118 Floor	<20	<258	N/A	N/A
51	Room 113,118 Floor	<20	<258	N/A	N/A
52	Room 113,118 Floor	<20	<258	N/A	N/A
53	Room 113,118 Floor	<20	<258	N/A	N/A
54	Room 113,118 Floor	<20	<258	N/A	N/A
55	Room 113,118 Floor	<20	<258	N/A	N/A
56	Room 113,118 Floor	<20	<258	N/A	N/A
57	Room 113,118 Floor	<20	<258	N/A	N/A
58	Room 113,118 Floor	<20	<258	N/A	N/A
59	Room 113,118 Floor	<20	<258	N/A	N/A
60	Room 113,118 Floor	<20	<258	N/A	N/A
61	Room 113,118 Floor	<20	<258	N/A	N/A
62	Room 113,118 Floor	<20	<258	N/A	N/A
63	Room 113,118 Floor	<20	<258	N/A	N/A
64	Room 104 Wall	<20	<258	N/A	N/A
65	Room 104 Wall	<20	<258	N/A	N/A
66	Room 104 Wall	<20	<258	N/A	N/A
67	Room 104 Wall	<20	<258	N/A	N/A
68	Room 104 Wall	<20	<258	N/A	N/A
69	Room 104 Wall	<20	<258	N/A	N/A
70	Room 104 Wall	<20	<258	N/A	N/A
71	Room 104 Wall	<20	<258	N/A	N/A

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Room 113,118,104,106
Purpose: Downpost CA

RADIOLOGICAL SAFETY

Date: 12/11/04
Time: 10:00 AM

COPY

#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
72	Room 104 Wall	<20	<258	N/A	N/A
73	Room 104 Wall	<20	<258	N/A	N/A
74	Room 106 Wall	<20	<258	N/A	N/A
75	Room 106 Wall	<20	<258	N/A	N/A
76	Room 106 Wall	<20	<258	N/A	N/A
77	Room 106 Wall	<20	<258	N/A	N/A
78	Room 106 Wall	<20	<258	N/A	N/A
79	Room 106 Wall	<20	<258	N/A	N/A
80	Room 106 Wall	<20	<258	N/A	N/A
81	Room 106 Wall	<20	<258	N/A	N/A
82	Room 106 Wall	<20	<258	N/A	N/A
83	Room 106 Wall	<20	<258	N/A	N/A
84	Room 106 Wall	<20	<258	N/A	N/A
85	Room 106 Wall	<20	<258	N/A	N/A
86	Room 106 Wall	<20	<258	N/A	N/A
87	Room 106 Wall	<20	<258	N/A	N/A
88	Room 106 Wall	<20	<258	N/A	N/A
89	Room 104 Floor	<20	<258	N/A	N/A
90	Room 104 Floor	<20	<258	N/A	N/A
91	Room 104 Floor	<20	<258	N/A	N/A
92	Room 104 Floor	<20	<258	N/A	N/A
93	Room 104 Floor	<20	<258	N/A	N/A
94	Room 104 Floor	<20	<258	N/A	N/A
95	Room 104 Floor	<20	<258	N/A	N/A
96	Room 104 Floor	<20	<258	N/A	N/A
97	Room 104 Floor	<20	<258	N/A	N/A
98	Room 104 Floor	<20	<258	N/A	N/A
99	Room 104 Floor	<20	<258	N/A	N/A
100	Room 104 Floor	<20	<258	N/A	N/A
101	Room 104 Floor	<20	<258	N/A	N/A
102	Room 104 Floor	<20	<258	N/A	N/A
103	Room 104 Floor	<20	<258	N/A	N/A
104	Room 104 Floor	<20	<258	N/A	N/A
105	Room 104 Floor	<20	<258	N/A	N/A
106	Room 104 Floor	<20	<258	N/A	N/A
107	Room 104 Floor	<20	<258	N/A	N/A
108	Room 106 Floor	<20	<258	N/A	N/A
109	Room 106 Floor	<20	<258	N/A	N/A
110	Room 106 Floor	<20	<258	N/A	N/A
111	Room 106 Floor	<20	<258	N/A	N/A
112	Room 106 Floor	<20	<258	N/A	N/A
113	Room 106 Floor	<20	<258	N/A	N/A
114	Room 106 Floor	<20	<258	N/A	N/A
115	Room 106 Floor	<20	<258	N/A	N/A
116	Room 106 Floor	<20	<258	N/A	N/A
117	Room 106 Floor	<20	<258	N/A	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Room 113,118,104,106
Purpose: Downpost CA

RADIOLOGICAL SAFETY

Date: 12/11/04
Time: 10:00 AM

COPY

#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
118	Room 106 Floor	<20	<258	N/A	N/A
119	Room 106 Floor	<20	<258	N/A	N/A
120	Room 106 Floor	<20	<258	N/A	N/A
121	Room 106 Floor	<20	<258	N/A	N/A
122	Room 106 Floor	<20	<258	N/A	N/A
123	Room 106 Floor	<20	<258	N/A	N/A
124	Room 106 Floor	<20	<258	N/A	N/A
125	Room 106 Floor	<20	<258	N/A	N/A
126	N/A	N/A	N/A	N/A	N/A
127	N/A	N/A	N/A	N/A	N/A
128	N/A	N/A	N/A	N/A	N/A
129	N/A	N/A	N/A	N/A	N/A
130	N/A	N/A	N/A	N/A	N/A
131	N/A	N/A	N/A	N/A	N/A
132	N/A	N/A	N/A	N/A	N/A
133	N/A	N/A	N/A	N/A	N/A
134	N/A	N/A	N/A	N/A	N/A
135	N/A	N/A	N/A	N/A	N/A
136	N/A	N/A	N/A	N/A	N/A
137	N/A	N/A	N/A	N/A	N/A
138	N/A	N/A	N/A	N/A	N/A
139	N/A	N/A	N/A	N/A	N/A
140	N/A	N/A	N/A	N/A	N/A
141	N/A	N/A	N/A	N/A	N/A
142	N/A	N/A	N/A	N/A	N/A
143	N/A	N/A	N/A	N/A	N/A
144	N/A	N/A	N/A	N/A	N/A
145	N/A	N/A	N/A	N/A	N/A
146	N/A	N/A	N/A	N/A	N/A
147	N/A	N/A	N/A	N/A	N/A
148	N/A	N/A	N/A	N/A	N/A
149	N/A	N/A	N/A	N/A	N/A
150	N/A	N/A	N/A	N/A	N/A
151	N/A	N/A	N/A	N/A	N/A
152	N/A	N/A	N/A	N/A	N/A
153	N/A	N/A	N/A	N/A	N/A
154	N/A	N/A	N/A	N/A	N/A
155	N/A	N/A	N/A	N/A	N/A
156	N/A	N/A	N/A	N/A	N/A
157	N/A	N/A	N/A	N/A	N/A
158	N/A	N/A	N/A	N/A	N/A
159	N/A	N/A	N/A	N/A	N/A
160	N/A	N/A	N/A	N/A	N/A
161	N/A	N/A	N/A	N/A	N/A
162	N/A	N/A	N/A	N/A	N/A
163	N/A	N/A	N/A	N/A	N/A

Building: 444
Location: Rm 113,118,104,106
Purpose: Downpost CA

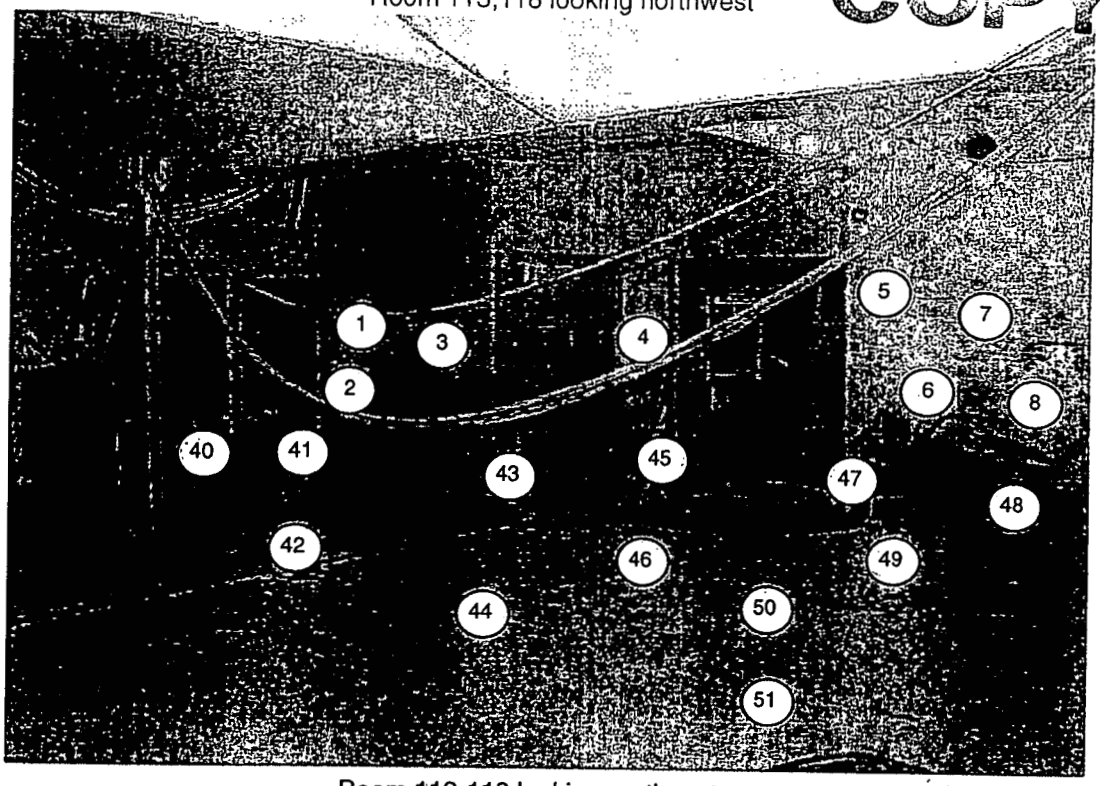
RADIOLOGICAL SAFETY

Drawing Showing Survey Points

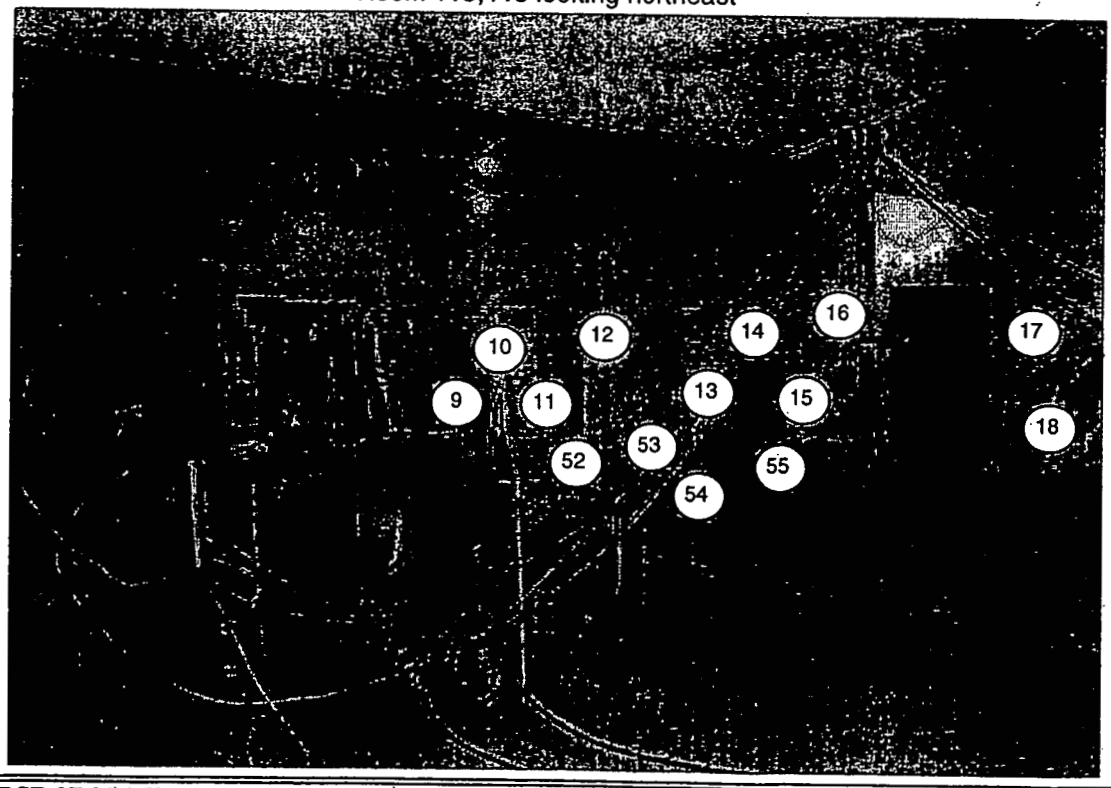
Date: 12/11/04
Time: 10:00 AM

COPY

Room 113,118 looking northwest



Room 113,118 looking northeast



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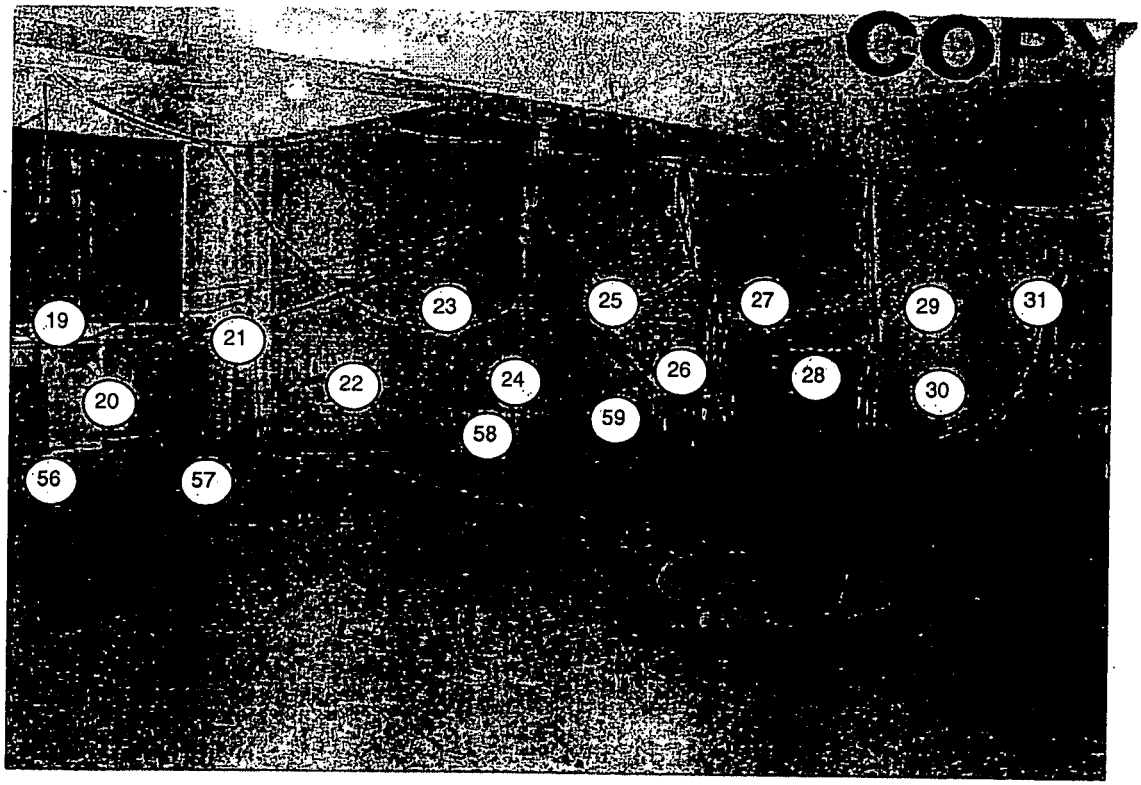
Building: 444
Location: Rm 113,118,104,106
Purpose: Downpost CA

RADIOLOGICAL SAFETY

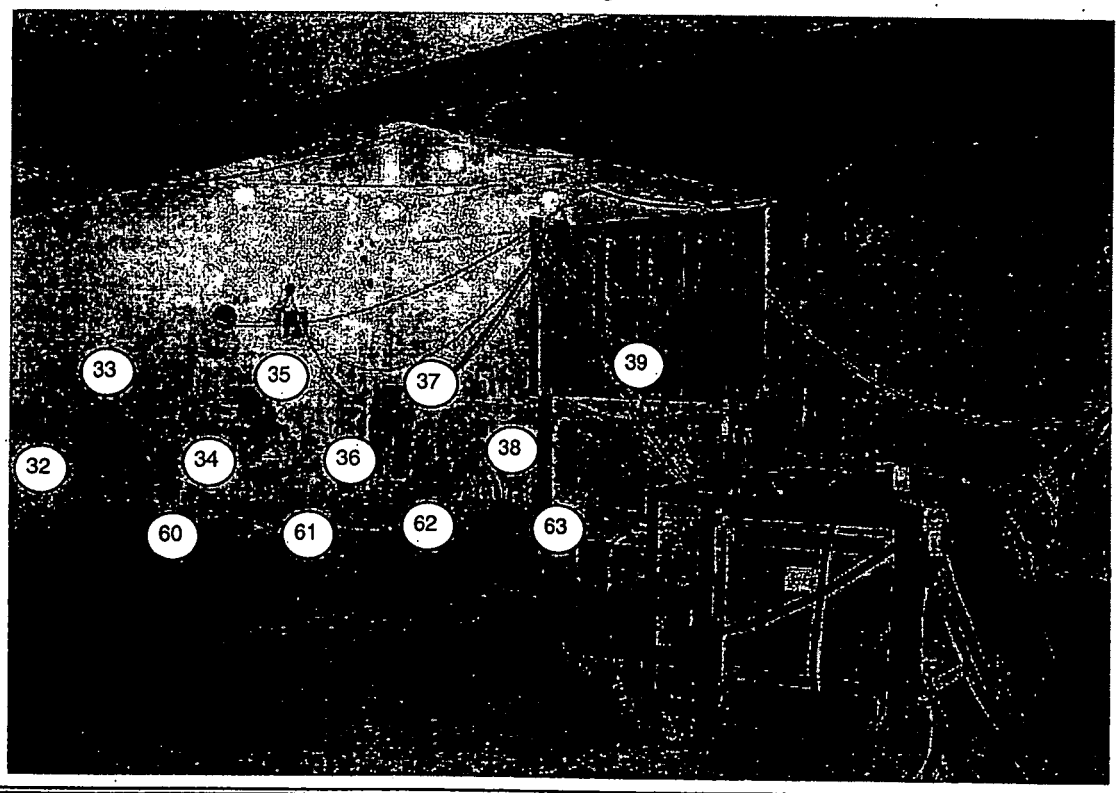
Drawing Showing Survey Points

Date: 12/11/04
Time: 10:00 AM

Room 113,118 looking southwest



Room 113,118 looking southeast



104
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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Rm 113,118,104,106
Purpose: Downpost CA

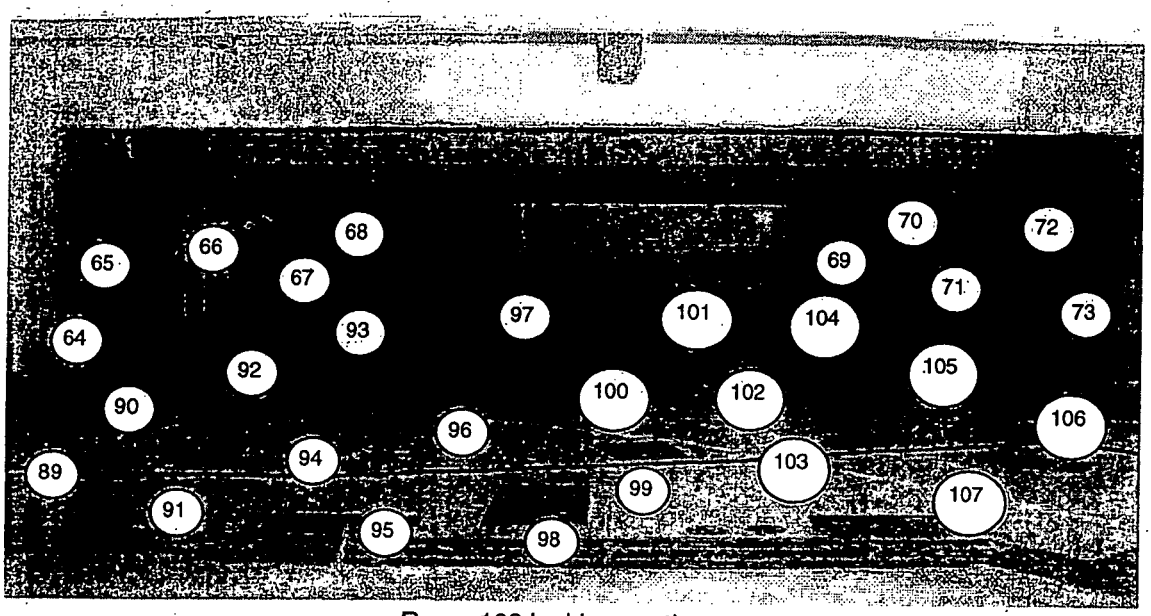
RADIOLOGICAL SAFETY

Drawing Showing Survey Points

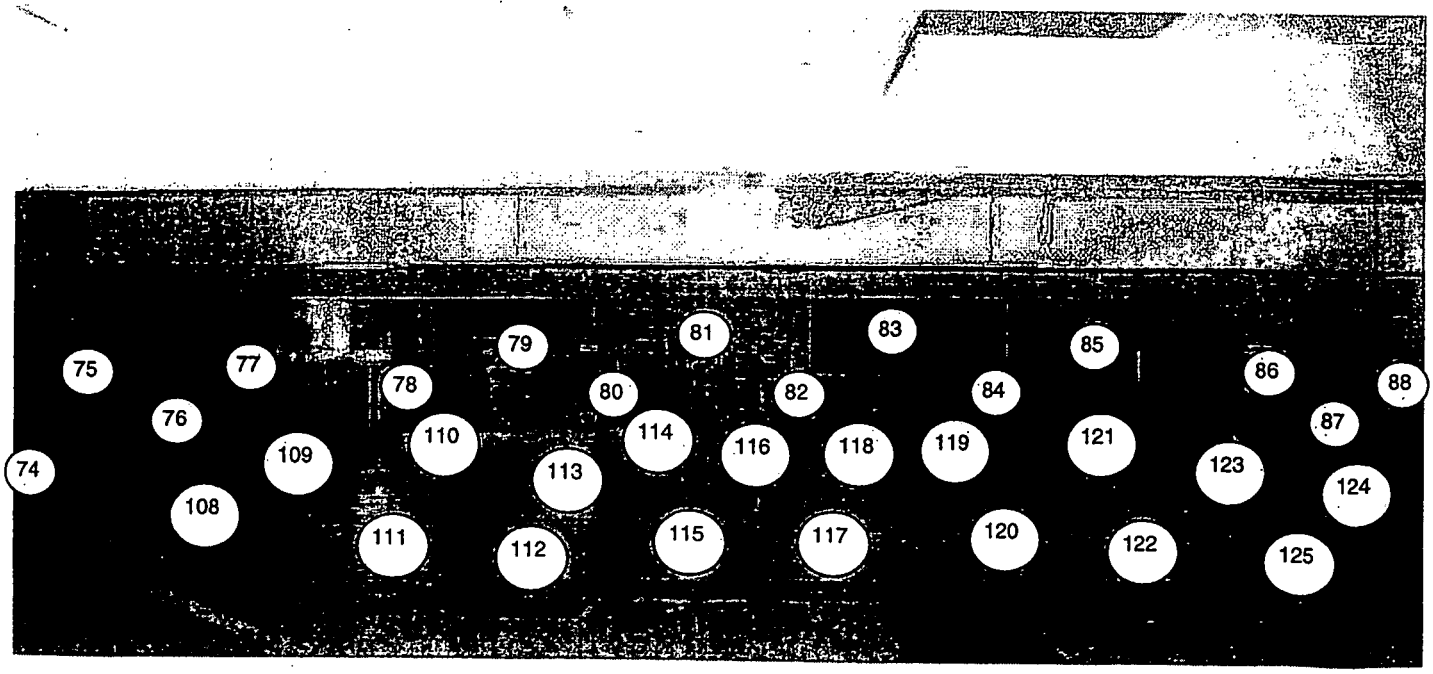
Date: 12/11/04
Time: 10:00 AM

Room 104 looking north

COPY



Room 106 looking south



COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	N/A	Mfg.	EBERLINE		Mfg.	NE	
Model	N/A	Model	N/A		Model	ELECTRA	
Serial #	N/A	Serial #	N/A		Serial #	2395	
Cal Due	N/A	Cal Due	N/A		Cal Due	5/24/05	
Bkg	N/A	Bkg	N/A	cpmα	Bkg	3	cpmα
Eff.	N/A	Eff.	N/A	%	Eff.	17.0	%
MDDR	N/A	MDA	N/A	dpmα	MDA	94	dpmα

Mfg.	N/A	Mfg.	EBERLINE		Mfg.	NE	
Model	N/A	Model	N/A		Model	ELECTRA	
Serial #	N/A	Serial #	N/A		Serial #	2395	
Cal Due	N/A	Cal Due	N/A		Cal Due	5/24/05	
Bkg	N/A	Bkg	N/A	cpmβ	Bkg	693	cpmβ
Eff.	N/A	Eff.	N/A	%	Eff.	22.0	%
MDDR	N/A	MDA	N/A	dpmβ	MDA	745	dpmβ

Survey tracking # 4UL-VIA5-02

Survey Type: α/β Contamination

Building: 444

Location: VIA-5

Purpose: Characterization (Direct) : Pre-fix

RWP #: 04-444-0005

Date: 12/14/04 Time: 11:00

[redacted]

Print name Signature Emp. #

PRN/REN # : N/A

Comments: Isotope of concern is U-238. Direct PAT Survey on Floor only. Bkg. 725 cpm Beta & 0 cpm Alpha.

SURVEY RESULTS

#	Location	Direct Alpha dpm/100cm2	Direct Beta dpm/100cm2	Dose Rate Gamma/ X-ray	#	Location	Direct Alpha dpm/100cm2	Direct Beta dpm/100cm2	Dose Rate Gamma/ X-ray
1	See Map	<94	**4000**	N/A	23	See Map	<94	<745	N/A
2	See Map	<94	**3705**	N/A	24	See Map	<94	**2600**	N/A
3	See Map	<94	**1275**	N/A	25	See Map	<94	**3150**	N/A
4	See Map	<94	**1675**	N/A	26	See Map	<94	<745	N/A
5	On Pipe See Map	<94	**185000**	N/A	27	See Map	<94	<745	N/A
6	See Map	<94	**3875**	N/A	28	See Map	<94	**1675**	N/A
7	See Map	<94	**1970**	N/A	29	See Map	<94	**1480**	N/A
8	See Map	<94	**1280**	N/A	30	See Map	<94	<745	N/A
9	See Map	<94	<745	N/A	31	See Map	<94	**1445**	N/A
10	See Map	<94	<745	N/A	32	See Map	<94	<745	N/A
11	See Map	**132**	**6490**	N/A	33	See Map	<94	<745	N/A
12	See Map	<94	**1320**	N/A	34	See Map	<94	**5745**	N/A
13	See Map	<94	**3875**	N/A	35	See Map	<94	<745	N/A
14	See Map	<94	**3600**	N/A	36	See Map	<94	**1480**	N/A
15	See Map	<94	**2600**	N/A	37	See Map	<94	**1275**	N/A
16	See Map	**198**	**1350**	N/A	38	See Map	<94	<745	N/A
17	See Map	<94	<745	N/A	39	See Map	<94	**1300**	N/A
18	See Map	<94	<745	N/A	40	See Map	**180**	**5835**	N/A
19	See Map	<94	**2600**	N/A	41	See Map	<94	**4825**	N/A
20	See Map	<94	**3150**	N/A	42	See Map	<94	**3875**	N/A
21	See Map	<94	<745	N/A	43	See Map	<94	**3600**	N/A
22	See Map	<94	<745	N/A	44	See Map	<94	**12155**	N/A

Date Reviewed: 12-15-04 **RS Supervision:** [redacted]

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

#	Location	Direct Alpha dpm/100cm2	Direct Beta dpm/100cm2	Dose Rate Gamma/ X-ray	#	Location	Direct Alpha dpm/100cm2	Direct Beta dpm/100cm2	Dose Rate Gamma/ X-ray
45	See Map	<94	<745	N/A	90	See Map	N/A	N/A	N/A
46	See Map	**108**	**184000**	N/A	91	See Map	N/A	N/A	N/A
47	See Map	<94	**40250**	N/A	92	See Map	N/A	N/A	N/A
48	See Map	<94	**35100**	N/A	93	See Map	N/A	N/A	N/A
49	See Map	<94	<745	N/A	94	See Map	N/A	N/A	N/A
50	See Map	**156**	**160000**	N/A	95	See Map	N/A	N/A	N/A
51	See Map	**270**	**115000**	N/A	96	See Map	N/A	N/A	N/A
52	See Map	<94	**5305**	N/A	97	See Map	N/A	N/A	N/A
53	See Map	<94	**7725**	N/A	98	See Map	N/A	N/A	N/A
54	See Map	<94	**12155**	N/A	98	See Map	N/A	N/A	N/A
55	See Map	<94	**40250**	N/A	99	See Map	N/A	N/A	N/A
56	See Map	<94	**90000**	N/A	100	See Map	N/A	N/A	N/A
57	See Map	**180**	**5835**	N/A	101	See Map	N/A	N/A	N/A
58	See Map	<94	**4825**	N/A	102	See Map	N/A	N/A	N/A
59	See Map	<94	**3875**	N/A	103	See Map	N/A	N/A	N/A
60	See Map	<94	**3600**	N/A	104	See Map	N/A	N/A	N/A
61	See Map	**120**	**12155**	N/A	105	See Map	N/A	N/A	N/A
62	See Map	<94	**4625**	N/A	106	See Map	N/A	N/A	N/A
63	See Map	<94	<745	N/A	107	See Map	N/A	N/A	N/A
64	See Map	<94	<745	N/A	108	See Map	N/A	N/A	N/A
65	See Map	<94	<745	N/A	109	See Map	N/A	N/A	N/A
66	See Map	<94	**3600**	N/A	110	See Map	N/A	N/A	N/A
67	See Map	<94	**4125**	N/A	111	See Map	N/A	N/A	N/A
68	See Map	<94	**3585**	N/A	112	See Map	N/A	N/A	N/A
69	See Map	<94	**2625**	N/A	113	See Map	N/A	N/A	N/A
70	See Map	<94	<745	N/A	114	See Map	N/A	N/A	N/A
71	See Map	<94	**2815**	N/A	115	See Map	N/A	N/A	N/A
72	See Map	<94	<745	N/A	116	See Map	N/A	N/A	N/A
73	See Map	<94	<745	N/A	117	See Map	N/A	N/A	N/A
74	See Map	<94	**3625**	N/A	118	See Map	N/A	N/A	N/A
75	See Map	<94	**2525**	N/A	119	See Map	N/A	N/A	N/A
76	See Map	<94	**3875**	N/A	120	See Map	N/A	N/A	N/A
77	See Map	<94	**3600**	N/A	121	See Map	N/A	N/A	N/A
78	See Map	<94	<745	N/A	122	See Map	N/A	N/A	N/A
79	See Map	<94	**4250**	N/A	123	See Map	N/A	N/A	N/A
80	See Map	<94	**2825**	N/A	124	See Map	N/A	N/A	N/A
81	See Map	<94	<745	N/A	125	See Map	N/A	N/A	N/A
82	See Map	<94	**4255**	N/A	126	See Map	N/A	N/A	N/A
83	See Map	<94	<745	N/A	127	See Map	N/A	N/A	N/A
84	See Map	<94	**3815**	N/A	128	See Map	N/A	N/A	N/A
85	See Map	<94	<745	N/A	129	See Map	N/A	N/A	N/A
86	See Map	<94	**1350**	N/A	130	See Map	N/A	N/A	N/A
87	See Map	<94	**1320**	N/A	131	See Map	N/A	N/A	N/A
88	See Map	<94	**1925**	N/A	132	See Map	N/A	N/A	N/A
89	See Map	N/A	N/A	N/A	133	See Map	N/A	N/A	N/A

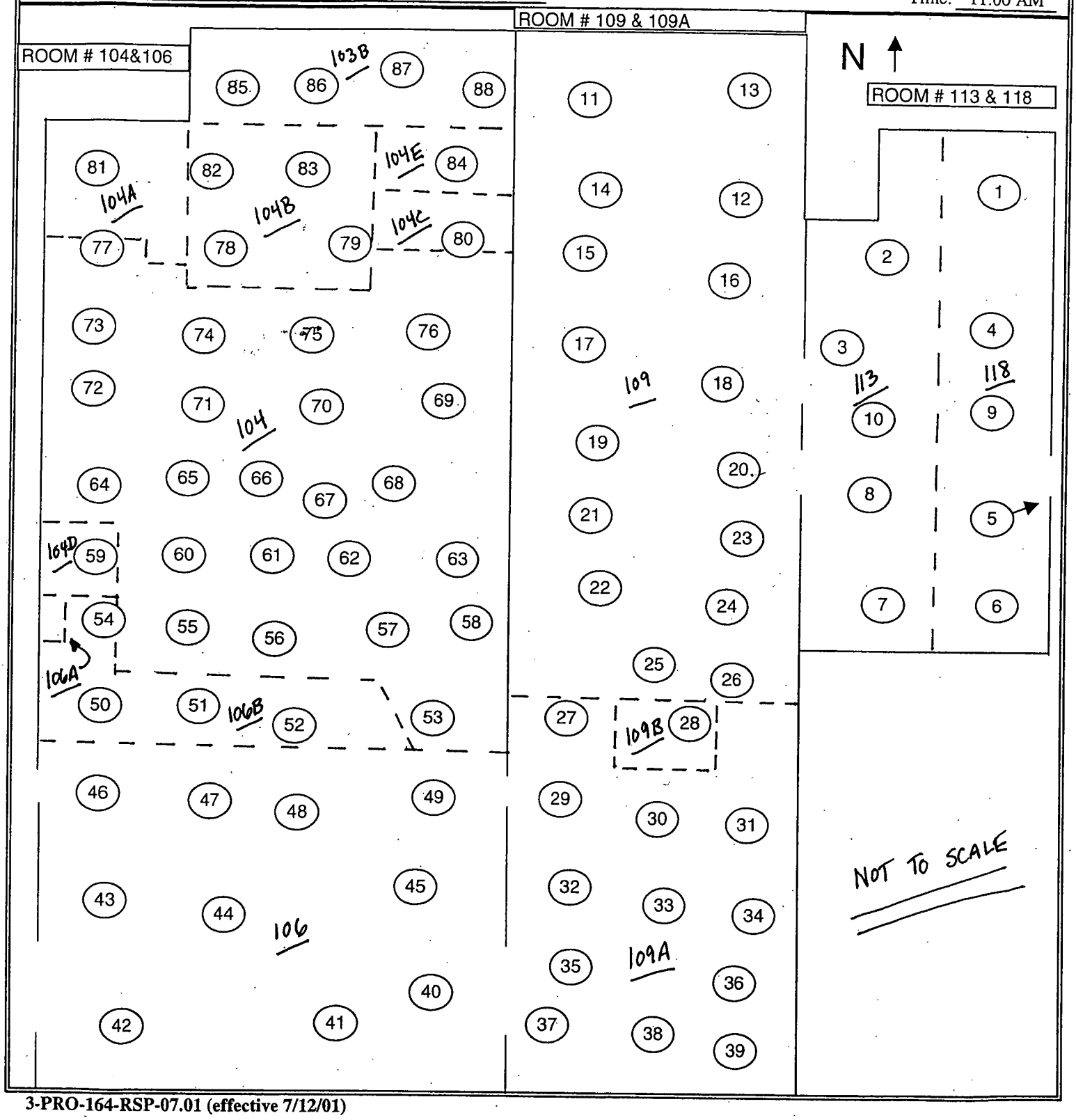
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: VIA-5
Purpose: Characterization Survey

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Date: 12/14/04
Time: 11:00 AM



3-PRO-164-RSP-07.01 (effective 7/12/01)

COPY

100
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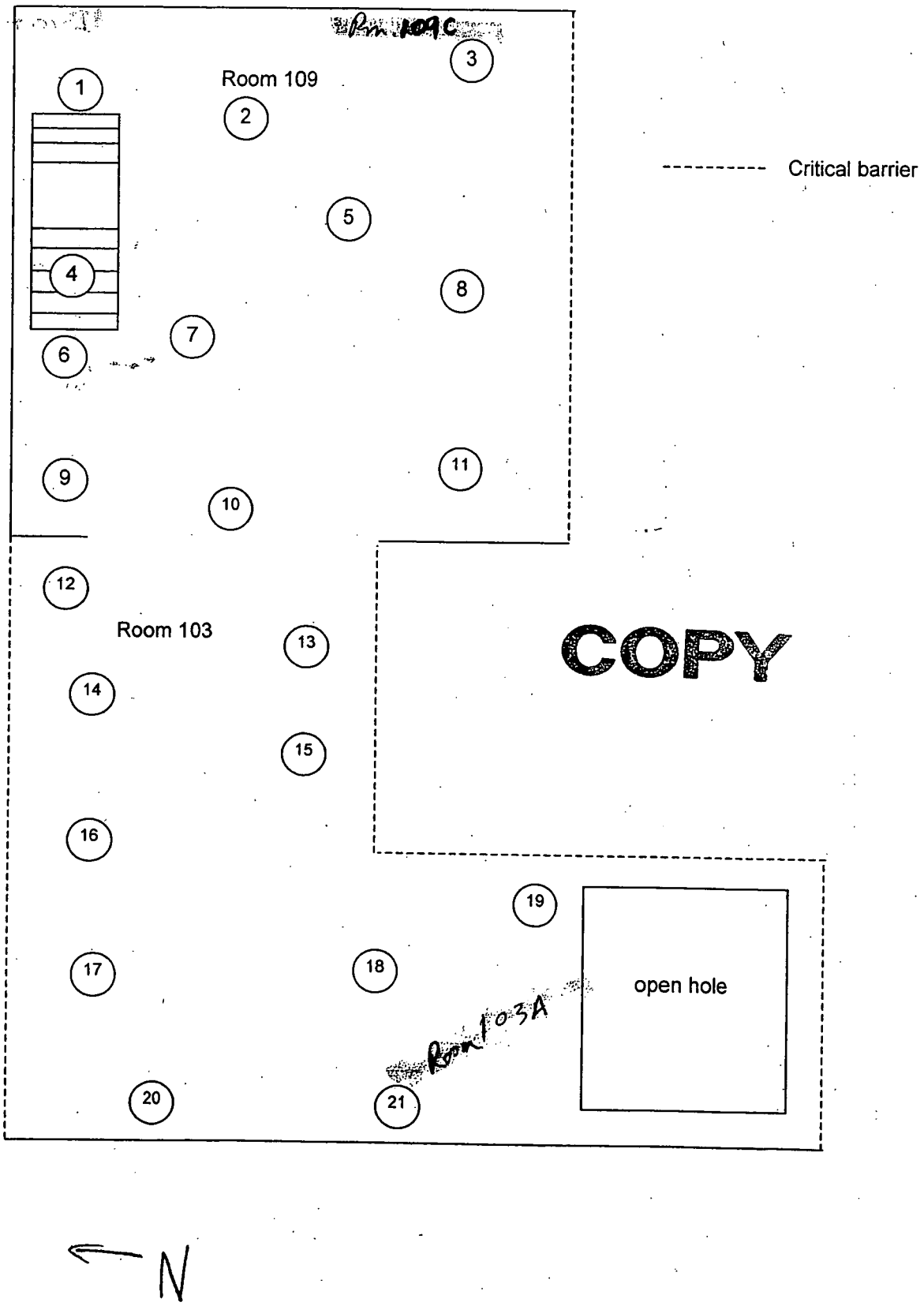
Building: 444
Location: Room 103.109 passage
Purpose: Floor characterization

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Date: 1/24/05
Time: 9:00 AM



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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	821	Serial #	1156	Serial #	1423
Cal Due	3/29/05	Cal Due	3/22/05	Cal Due	2/28/05
Bkg.	0.4 cpm α	Bkg.	0.6 cpm α	Bkg.	6 cpm α
Eff.	33 %	Eff.	33 %	Eff.	17 %
MDA	20 dpm α	MDA	20 dpm α	MDA	94 dpm α
Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	694	Serial #	706	Serial #	1423
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	2/28/05
Bkg.	38.6 cpm β	Bkg.	44.4 cpm β	Bkg.	815 cpm β
Eff.	14 %	Eff.	14 %	Eff.	22 %
MDA	258 dpm β	MDA	258 dpm β	MDA	745 dpm β

Survey Tracking #: 444-VIAS-03

Survey Type: CONTAMINATION Page 1 of 2

Building: 444

Location: Room 103/109 passage

Purpose: Floor characterization Direct + Removable Pre-fix

RWP #: N/A

Date: 1/24/05 Time: 9:00

RCT: [redacted]

RCT: [redacted]

PRN/REN: N/A

Comments: Isotope of Concern U-238.

COPY

SURVEY RESULTS

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Room 109 floor	N/A	<258	N/A	2650
2	Room 109 floor	N/A	<258	N/A	1230
3	Room 109 floor	N/A	<258	N/A	1045
4	Room 109 floor	N/A	<258	N/A	52500
5	Room 109 floor	N/A	<258	N/A	1655
6	Room 109 floor	N/A	<258	N/A	9750
7	Room 109 floor	N/A	<258	N/A	1430
8	Room 109 floor	N/A	<258	N/A	<745
9	Room 109 floor	N/A	<258	N/A	<745
10	Room 109 floor	N/A	<258	N/A	1130
11	Room 109 floor	N/A	<258	N/A	<745
12	Room 103 floor	N/A	<258	N/A	1795
13	Room 103 floor	N/A	<258	N/A	1500
14	Room 103 floor	N/A	<258	N/A	2530
15	Room 103 floor	N/A	<258	N/A	3350
16	Room 103 floor	N/A	<258	N/A	2180
17	Room 103 floor	N/A	<258	N/A	3050
18	Room 103 floor	N/A	<258	N/A	2500
19	Room 103 floor	N/A	<258	N/A	3100
20	Room 103 floor	N/A	<258	N/A	2500
21	Room 103 floor	N/A	<258	N/A	9500
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A
24	N/A	N/A	N/A	N/A	N/A
25	N/A	[redacted]			

Date Reviewed: 1-25-05 RS Supervision: [redacted]

Print Name Signature Emp. #

3-PRO-164-RSP-07.01 (effective 7/12/01)

110/814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	N/A	Mfg.	EBERLINE		Mfg.	EBERLINE	
Model	N/A	Model	N/A		Model	SAC-4	
Serial #	N/A	Serial #	N/A		Serial #	1197	
Cal Due	N/A	Cal Due	N/A		Cal Due	1/12/05	
Bkg	N/A	Bkg	N/A	cpmα	Bkg	0.5	cpmα
Eff.	N/A	Eff.	N/A	%	Eff.	33.0	%
MDDR	N/A	MDA	N/A	dpmα	MDA	20	dpmα
Mfg.	N/A	Mfg.	EBERLINE		Mfg.	EBERLINE	
Model	N/A	Model	N/A		Model	BC-4	
Serial #	N/A	Serial #	N/A		Serial #	924	
Cal Due	N/A	Cal Due	N/A		Cal Due	10/12/05	
Bkg	N/A	Bkg	N/A	cpmβ	Bkg	43.2	cpmβ
Eff.	N/A	Eff.	N/A	%	Eff.	14.0	%
MDDR	N/A	MDA	N/A	dpmβ	MDA	258	dpmβ

SURVEY TRACKING #: 444-VIAS-04

Survey Type: α/β Contamination

Building: 444

Location: Room 109 JA 12-9-04

Purpose: ~~Free Release~~ DEPOST FROM CA Pre-fix

RWP #: 04-444-0002

Date: 12/8/04 Time: 11:00

[redacted]

RCT: N/A / N/A / N/A

Print name Signature Emp. #

PRN/REN # : N/A

Comments: Isotope of concern is U-238. Smears on walls 6 feet and below.

COPY

SURVEY RESULTS

#	Location	Swipe Alpha dpm/100cm2	Swipe Beta dpm/100cm2	Dose Rate Gamma/ X-ray	#	Location	Swipe Alpha dpm/100cm2	Swipe Beta dpm/100cm2	Dose Rate Gamma/ X-ray
1	See Map	< 20	<258	N/A	23	See Map	< 20	<258	N/A
2	See Map	< 20	<258	N/A	24	See Map	< 20	<258	N/A
3	See Map	< 20	<258	N/A	25	See Map	< 20	<258	N/A
4	See Map	< 20	<258	N/A	26	See Map	< 20	<258	N/A
5	See Map	< 20	<258	N/A	27	See Map	< 20	<258	N/A
6	See Map	< 20	<258	N/A	28	See Map	< 20	<258	N/A
7	See Map	< 20	<258	N/A	29	See Map	< 20	<258	N/A
8	See Map	< 20	<258	N/A	30	See Map	< 20	<258	N/A
9	See Map	< 20	<258	N/A	31	See Map	< 20	<258	N/A
10	See Map	< 20	<258	N/A	32	See Map	< 20	<258	N/A
11	See Map	< 20	<258	N/A	33	See Map	< 20	<258	N/A
12	See Map	< 20	<258	N/A	34	See Map	< 20	<258	N/A
13	See Map	< 20	<258	N/A	35	See Map	< 20	<258	N/A
14	See Map	< 20	<258	N/A	36	See Map	< 20	<258	N/A
15	See Map	< 20	<258	N/A	37	See Map	< 20	<258	N/A
16	See Map	< 20	<258	N/A	38	See Map	< 20	<258	N/A
17	See Map	< 20	<258	N/A	39	See Map	< 20	<258	N/A
18	See Map	< 20	<258	N/A	40	See Map	< 20	<258	N/A
19	See Map	< 20	<258	N/A	41	See Map	< 20	<258	N/A
20	See Map	< 20	<258	N/A	42	See Map	< 20	<258	N/A
21	See Map	< 20	<258	N/A	43	See Map	< 20	<258	N/A
22	See Map	< 20	<258	N/A	44	See Map	< 20	<258	N/A

Date Reviewed: 12-9-04 **RS Supervision:** [redacted]

Print Name Signature Emp. #

111/814

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

#	Location	Swipe Alpha dpm/100cm2	Swipe Beta dpm/100cm2	Dose Rate Gamma/ X-ray	#	Location	Swipe Alpha dpm/100cm2	Swipe Beta dpm/100cm2	Dose Rate Gamma/ X-ray
45	See Map	< 20	<258	N/A	90	See Map	< 20	<258	N/A
46	See Map	< 20	<258	N/A	91	See Map	< 20	<258	N/A
47	See Map	< 20	<258	N/A	92	See Map	< 20	<258	N/A
48	See Map	< 20	<258	N/A	93	See Map	< 20	<258	N/A
49	See Map	< 20	<258	N/A	94	See Map	< 20	<258	N/A
50	See Map	< 20	<258	N/A	95	See Map	< 20	<258	N/A
51	See Map	< 20	<258	N/A	96	See Map	< 20	<258	N/A
52	See Map	< 20	<258	N/A	97	See Map	< 20	<258	N/A
53	See Map	< 20	<258	N/A	98	See Map	< 20	<258	N/A
54	See Map	< 20	<258	N/A	98	See Map	< 20	<258	N/A
55	See Map	< 20	<258	N/A	99	See Map	< 20	<258	N/A
56	See Map	< 20	<258	N/A	100	See Map	< 20	<258	N/A
57	See Map	< 20	<258	N/A	101	See Map	< 20	<258	N/A
58	See Map	< 20	<258	N/A	102	See Map	< 20	<258	N/A
59	See Map	< 20	<258	N/A	103	See Map	< 20	<258	N/A
60	See Map	< 20	<258	N/A	104	See Map	< 20	<258	N/A
61	See Map	< 20	<258	N/A	105	See Map	< 20	<258	N/A
62	See Map	< 20	<258	N/A	106	See Map	< 20	<258	N/A
63	See Map	< 20	<258	N/A	107	See Map	< 20	<258	N/A
64	See Map	< 20	<258	N/A	108	See Map	< 20	<258	N/A
65	See Map	< 20	<258	N/A	109	See Map	< 20	<258	N/A
66	See Map	< 20	<258	N/A	110	See Map	< 20	<258	N/A
67	See Map	< 20	<258	N/A	111	See Map	< 20	<258	N/A
68	See Map	< 20	<258	N/A	112	See Map	< 20	<258	N/A
69	See Map	< 20	<258	N/A	113	See Map	< 20	<258	N/A
70	See Map	< 20	<258	N/A	114	See Map	< 20	<258	N/A
71	See Map	< 20	<258	N/A	115	See Map	< 20	<258	N/A
72	See Map	< 20	<258	N/A	116	See Map	< 20	<258	N/A
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74	See Map	< 20	<258	N/A	118	See Map	< 20	<258	N/A
75	See Map	< 20	<258	N/A	119	See Map	< 20	<258	N/A
76	See Map	< 20	<258	N/A	120	See Map	< 20	<258	N/A
77	See Map	< 20	<258	N/A	121	See Map	< 20	<258	N/A
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79	See Map	< 20	<258	N/A	123	See Map	< 20	<258	N/A
80	See Map	< 20	<258	N/A	124	See Map	< 20	<258	N/A
81	See Map	< 20	<258	N/A	125	See Map	< 20	<258	N/A
82	See Map	< 20	<258	N/A	126	See Map	< 20	<258	N/A
83	See Map	< 20	<258	N/A	127	See Map	< 20	<258	N/A
84	See Map	< 20	<258	N/A	128	See Map	< 20	<258	N/A
85	See Map	< 20	<258	N/A	129	See Map	< 20	<258	N/A
86	See Map	< 20	<258	N/A	130	See Map	< 20	<258	N/A
87	See Map	< 20	<258	N/A	131	See Map	< 20	<258	N/A
88	See Map	< 20	<258	N/A	132	See Map	< 20	<258	N/A
89	See Map	< 20	<258	N/A	133	See Map	< 20	<258	N/A

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

#	Location	Swipe Alpha	Swipe Beta	Dose Rate X-ray	#	Location	Swipe Alpha	Swipe Beta	Dose Rate X-ray
134	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
135	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
136	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
137	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
138	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
139	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
140	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
141	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
142	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
143	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
144	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
145	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
146	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
147	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
148	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
149	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
150	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
151	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
152	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
153	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
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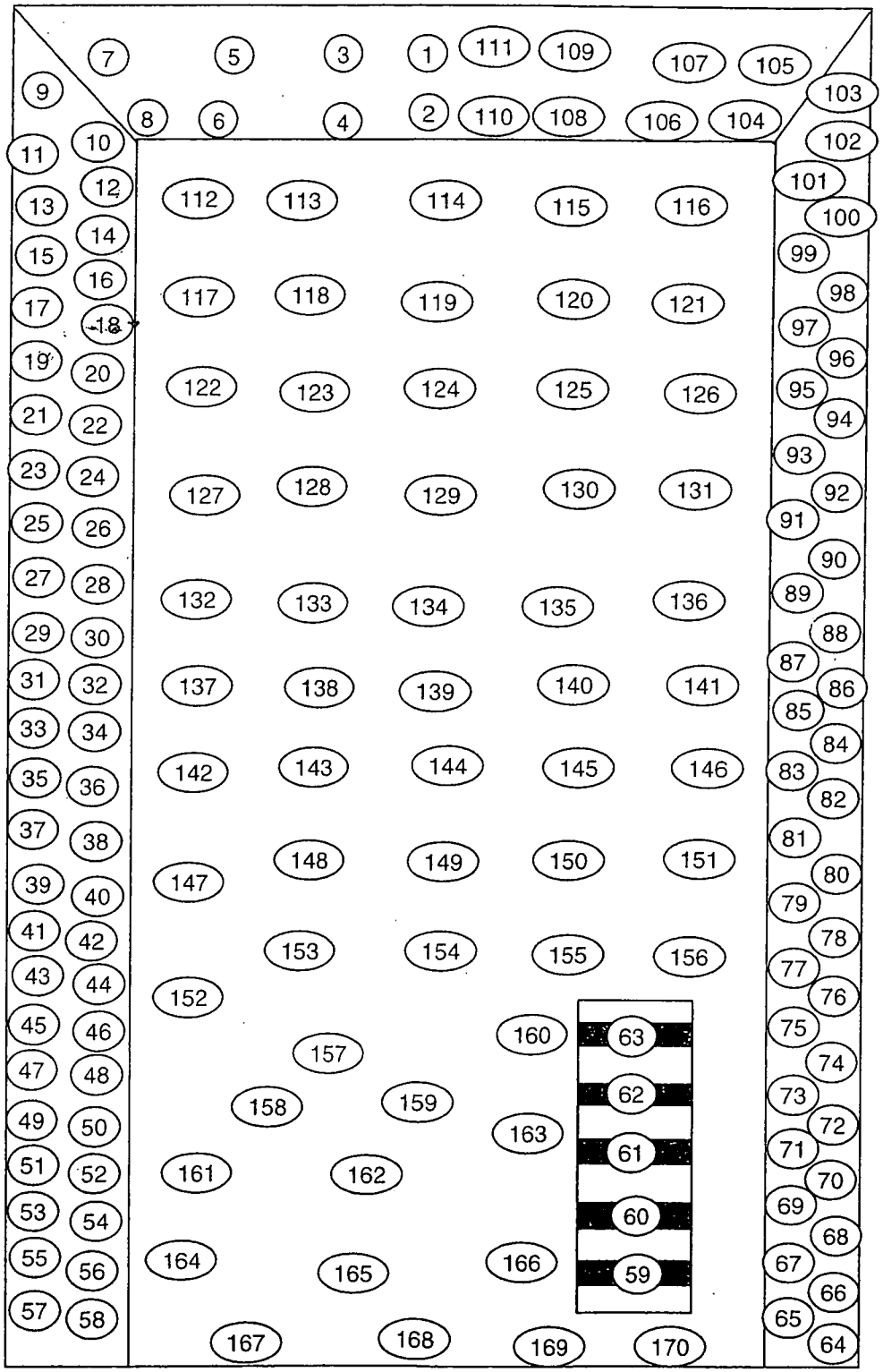
156	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
157	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
158	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
159	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
160	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
161	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
162	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
163	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
164	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
165	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
166	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
167	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
168	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
169	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
170	See Map	< 20	<258	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

N

COPY

Room 109



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COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Ludlum	Mfg.	Eberline	Mfg.	NE Electra
Model	2929	Model	SAC-4	Model	DP-6
Serial #	N/A	Serial #	1197	Serial #	N/A
Cal Due	N/A	Cal Due	1/12/05	Cal Due	N/A
Bkg	N/A cpmα	Bkg	0.5 cpmα	Bkg	N/A cpmα
Efficiency	N/A %	Efficiency	33.00 %	Efficiency	N/A %
MDA	18 dpmα	MDA	20 dpmα	MDA	####### dpmα
Mfg.	Ludlum	Mfg.	Eberline	Mfg.	NE Electra
Model	2929	Model	BC-4	Model	DP-6
Serial #	N/A	Serial #	924	Serial #	N/A
Cal Due	N/A	Cal Due	10/12/05	Cal Due	N/A
Bkg	N/A cpmβ	Bkg	43.2 cpmβ	Bkg	N/A cpmβ
Efficiency	N/A %	Efficiency	14.00 %	Efficiency	N/A %
MDA	205 dpmβ	MDA	258 dpmβ	MDA	####### dpmβ

Survey Tracking # ~~N/A~~ 444-VIA5-05

Survey Type: Contamination

Building: 444

Location: VIA 5 Rm 109A

Purpose: Depost CA (Pre-fix)

RWP #: 04-444-0002

Date: 12/8/04 Time: 1100

RCT: [redacted]

RCT: N/A / N/A / N/A

Print name / Signature / Emp. #

PRN/REN # : N/A

Comments: Nuclide of concern is Depleted Uranium (DU). Survey performed to verify removable contamination levels on in VIA 5 rm 109 prior to deposting from CA . Beta efficiency listed reflects correction for DU. Actual efficiency for BC 4 #924 was 25.0%

SURVEY RESULTS

	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
#		dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
1	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
2	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
3	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
4	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
5	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
6	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
7	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
8	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
9	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
10	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
11	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
12	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
13	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
14	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
15	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
16	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
17	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
18	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
19	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
20	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A

Date Reviewed: 12-8-04 **RS Supervision:** [redacted]

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COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

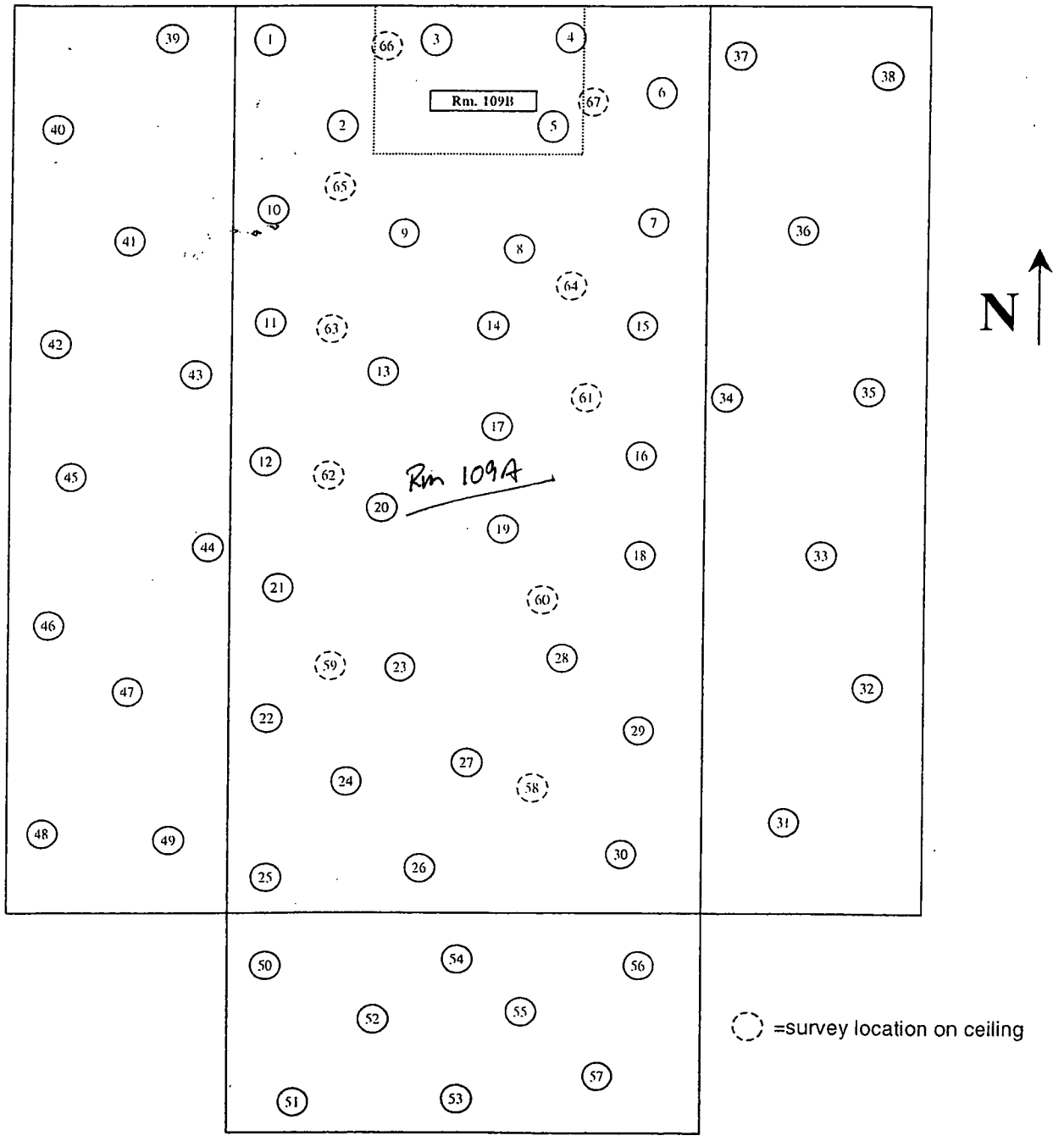
SURVEY RESULTS

	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
#		dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
21	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
22	Rm 109 Floor	<20	N/A	<52	<258	N/A	N/A
23	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
24	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
25	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
26	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
27	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
28	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
29	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
30	Rm 109 Floor	<20	N/A	N/A	<258	N/A	N/A
31	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
32	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
33	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
34	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
35	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
36	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
37	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
38	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
39	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
40	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
41	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
42	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
43	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
44	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
45	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
46	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
47	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
48	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
49	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
50	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
51	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
52	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
53	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
54	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
55	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
56	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
57	Rm 109 Walls	<20	N/A	N/A	<258	N/A	N/A
58	Rm 109 Ceiling	<20	N/A	N/A	<258	N/A	N/A
59	Rm 109 Ceiling	<20	N/A	N/A	<258	N/A	N/A
60	Rm 109 Ceiling	<20	N/A	N/A	<258	N/A	N/A
61	Rm 109 Ceiling	<20	N/A	N/A	<258	N/A	N/A
62	Rm 109 Ceiling	<20	N/A	N/A	<258	N/A	N/A
63	Rm 109 Ceiling	<20	N/A	N/A	<258	N/A	N/A
64	Rm 109 Ceiling	<20	N/A	N/A	<258	N/A	N/A
65	Rm 109 Ceiling	<20	N/A	N/A	<258	N/A	N/A
66	Rm 109 Ceiling	<20	N/A	N/A	<258	N/A	N/A
67	Rm 109 Ceiling	<20	N/A	N/A	<258	N/A	N/A

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Drawing Showing Survey Points



ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	763	Serial #	821	Serial #	2316
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	6/28/05
Bkg	0.3 cpmα	Bkg	0.2 cpmα	Bkg	5 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	706	Serial #	924	Serial #	2316
Cal Due	4/30/05	Cal Due	10/12/05	Cal Due	6/28/05
Bkg	46 cpmβ	Bkg	45.7 cpmβ	Bkg	936 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey tracking #: 444-V1A4-01

Survey Type: Alpha / Beta Contamination

Building: 444

Location: RM. 101-Pre Pressure Wash / Fix

Purpose: Characterization [redacted] Floor

RWP #: 05-444-0002

Date: 1/14/05 Time: 10:30

RC [redacted]

RC [redacted]

PRN/REN # : N/A

Comments: Isotope of concern is U-238.

COPY

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	SEE MAP	<20	N/A	N/A	<258	33,155	N/A
2	SEE MAP	<20	N/A	N/A	<258	19,586	N/A
3	SEE MAP	<20	N/A	N/A	<258	10,791	N/A
4	SEE MAP	<20	N/A	N/A	<258	16,377	N/A
5	SEE MAP	<20	N/A	N/A	<258	5,868	N/A
6	SEE MAP	<20	N/A	N/A	<258	27,341	N/A
7	SEE MAP	<20	N/A	N/A	<258	1,868	N/A
8	SEE MAP	<20	N/A	N/A	<258	5,477	N/A
9	SEE MAP	<20	N/A	N/A	<258	4,932	N/A
10	SEE MAP	<20	N/A	N/A	<258	759	N/A
11	SEE MAP	<20	N/A	N/A	<258	9,145	N/A
12	SEE MAP	<20	N/A	N/A	<258	10,336	N/A
13	SEE MAP	<20	N/A	N/A	<258	12,850	N/A
14	SEE MAP	<20	N/A	N/A	<258	2,536	N/A
15	SEE MAP	<20	N/A	N/A	<258	6,018	N/A
16	SEE MAP	<20	N/A	N/A	<258	4,732	N/A
17	SEE MAP	<20	N/A	N/A	<258	5,518	N/A
18	SEE MAP	<20	N/A	N/A	<258	<745	N/A
19	SEE MAP	<20	N/A	N/A	<258	4,273	N/A
20	SEE MAP	<20	N/A	N/A	<258	1,464	N/A

Date Reviewed: 1-15-05 **RS Supervision:** [redacted]

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe #	LOCATION SEE MAP	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
21	SEE MAP	<20	N/A	N/A	<258	3,114	N/A
22	SEE MAP	<20	N/A	N/A	<258	5,991	N/A
23	SEE MAP	<20	N/A	N/A	<258	2,168	N/A
24	SEE MAP	<20	N/A	N/A	<258	7,064	N/A
25	SEE MAP	<20	N/A	N/A	<258	2,323	N/A
26	SEE MAP	<20	N/A	N/A	<258	3,855	N/A
27	SEE MAP	<20	N/A	N/A	<258	2,473	N/A
28	SEE MAP	<20	N/A	N/A	<258	3,277	N/A
29	SEE MAP	<20	N/A	N/A	<258	1,936	N/A
30	SEE MAP	<20	N/A	N/A	<258	3,855	N/A
31	SEE MAP	<20	N/A	N/A	<258	41,718	N/A
32	SEE MAP	<20	N/A	N/A	<258	1,750	N/A
33	SEE MAP	<20	N/A	N/A	<258	4,100	N/A
34	SEE MAP	<20	N/A	N/A	<258	4,145	N/A
35	SEE MAP	<20	N/A	N/A	<258	4,086	N/A
36	SEE MAP	<20	N/A	N/A	<258	<745	N/A
37	SEE MAP	<20	N/A	N/A	<258	3,245	N/A
38	SEE MAP	<20	N/A	N/A	<258	745	N/A
39	SEE MAP	<20	N/A	N/A	<258	4,623	N/A
40	SEE MAP	<20	N/A	N/A	<258	3,536	N/A
41	SEE MAP	<20	N/A	N/A	<258	2,327	N/A
42	SEE MAP	<20	N/A	N/A	<258	4,932	N/A
43	SEE MAP	<20	N/A	N/A	<258	6,559	N/A
44	SEE MAP	<20	N/A	N/A	<258	5,273	N/A
45	SEE MAP	<20	N/A	N/A	<258	3,864	N/A
46	SEE MAP	<20	N/A	N/A	<258	2,950	N/A
47	SEE MAP	<20	N/A	N/A	<258	1,818	N/A
48	SEE MAP	<20	N/A	N/A	<258	5,273	N/A
49	SEE MAP	<20	N/A	N/A	<258	2,927	N/A
50	SEE MAP	<20	N/A	N/A	<258	5,341	N/A
51	SEE MAP	<20	N/A	N/A	<258	4,245	N/A
52	SEE MAP	<20	N/A	N/A	<258	1,955	N/A
53	SEE MAP	<20	N/A	N/A	<258	2,132	N/A
54	SEE MAP	<20	N/A	N/A	<258	3,241	N/A
55	SEE MAP	<20	N/A	N/A	<258	4,218	N/A
56	SEE MAP	<20	N/A	N/A	<258	4,205	N/A
57	SEE MAP	<20	N/A	N/A	<258	2,841	N/A
58	SEE MAP	<20	N/A	N/A	<258	868	N/A
59	SEE MAP	<20	N/A	N/A	<258	3,109	N/A
60	SEE MAP	<20	N/A	N/A	<258	1,614	N/A
61	SEE MAP	<20	N/A	N/A	<258	<745	N/A
62	SEE MAP	<20	N/A	N/A	<258	1,868	N/A
63	SEE MAP	<20	N/A	N/A	<258	2,877	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
#	SEE MAP	dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
64	SEE MAP	<20	N/A	N/A	<258	4,045	N/A
65	SEE MAP	<20	N/A	N/A	<258	6,068	N/A
66	SEE MAP	<20	N/A	N/A	<258	4,782	N/A
67	SEE MAP	<20	N/A	N/A	<258	5,550	N/A
68	SEE MAP	<20	N/A	N/A	<258	5,105	N/A
69	SEE MAP	<20	N/A	N/A	<258	1,109	N/A
70	SEE MAP	<20	N/A	N/A	<258	2,773	N/A
71	SEE MAP	<20	N/A	N/A	<258	2,886	N/A
72	SEE MAP	<20	N/A	N/A	<258	4,595	N/A
73	SEE MAP	<20	N/A	N/A	<258	3,609	N/A
74	SEE MAP	<20	N/A	N/A	<258	5,641	N/A
75	SEE MAP	<20	N/A	N/A	<258	4,505	N/A
76	SEE MAP	<20	N/A	N/A	<258	4,391	N/A
77	SEE MAP	<20	N/A	N/A	<258	5,395	N/A
78	SEE MAP	<20	N/A	N/A	<258	1,527	N/A
79	SEE MAP	<20	N/A	N/A	<258	3,686	N/A
80	SEE MAP	<20	N/A	N/A	<258	2,909	N/A
81	SEE MAP	<20	N/A	N/A	<258	936	N/A
82	SEE MAP	<20	N/A	N/A	<258	3,027	N/A
83	SEE MAP	<20	N/A	N/A	<258	2,355	N/A
84	SEE MAP	<20	N/A	N/A	<258	9,809	N/A
85	SEE MAP	<20	N/A	N/A	<258	3,682	N/A
86	SEE MAP	<20	N/A	N/A	<258	2,023	N/A
87	SEE MAP	<20	N/A	N/A	<258	2,341	N/A
88	SEE MAP	<20	N/A	N/A	<258	1,382	N/A
89	SEE MAP	<20	N/A	N/A	<258	2,736	N/A
90	SEE MAP	<20	N/A	N/A	<258	2,277	N/A
91	SEE MAP	<20	N/A	N/A	<258	2,273	N/A
92	SEE MAP	<20	N/A	N/A	<258	4,741	N/A
93	SEE MAP	<20	N/A	N/A	<258	5,395	N/A
94	SEE MAP	<20	N/A	N/A	<258	5,023	N/A
95	SEE MAP	<20	N/A	N/A	<258	4,250	N/A
96	SEE MAP	<20	N/A	N/A	<258	1,859	N/A
97	SEE MAP	<20	N/A	N/A	<258	3,282	N/A
98	SEE MAP	<20	N/A	N/A	<258	1,023	N/A
99	SEE MAP	<20	N/A	N/A	<258	4,255	N/A
100	SEE MAP	<20	N/A	N/A	<258	1,927	N/A
101	SEE MAP	<20	N/A	N/A	<258	3,877	N/A
102	SEE MAP	<20	N/A	N/A	<258	2,773	N/A
103	SEE MAP	<20	N/A	N/A	<258	3,323	N/A
104	SEE MAP	<20	N/A	N/A	<258	2,473	N/A
105	SEE MAP	<20	N/A	N/A	<258	1,659	N/A
106	SEE MAP	<20	N/A	N/A	<258	3,732	N/A

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
107	SEE MAP	<20	N/A	N/A	<258	8,673	N/A
108	SEE MAP	<20	N/A	N/A	<258	1,886	N/A
109	SEE MAP	<20	N/A	N/A	<258	3,318	N/A
110	SEE MAP	<20	N/A	N/A	<258	4,673	N/A
111	SEE MAP	<20	N/A	N/A	<258	1,818	N/A
112	SEE MAP	<20	N/A	N/A	<258	2,095	N/A
113	SEE MAP	<20	N/A	N/A	<258	5,732	N/A
114	SEE MAP	<20	N/A	N/A	<258	5,268	N/A
115	SEE MAP	<20	N/A	N/A	<258	3,936	N/A
116	SEE MAP	<20	N/A	N/A	<258	1,782	N/A
117	SEE MAP	<20	N/A	N/A	<258	1,141	N/A
118	SEE MAP	<20	N/A	N/A	<258	4,409	N/A
119	SEE MAP	<20	N/A	N/A	<258	1,264	N/A
120	SEE MAP	<20	N/A	N/A	<258	2,936	N/A
121	SEE MAP	<20	N/A	N/A	<258	<745	N/A
122	SEE MAP	<20	N/A	N/A	<258	3,264	N/A
123	SEE MAP	<20	N/A	N/A	<258	<745	N/A
124	SEE MAP	<20	N/A	N/A	<258	1,427	N/A
125	SEE MAP	<20	N/A	N/A	<258	<745	N/A
126	SEE MAP	<20	N/A	N/A	<258	964	N/A
127	SEE MAP	<20	N/A	N/A	<258	1,882	N/A
128	SEE MAP	<20	N/A	N/A	<258	1,195	N/A
129	SEE MAP	<20	N/A	N/A	<258	5,636	N/A
130	SEE MAP	<20	N/A	N/A	<258	1,264	N/A
131	SEE MAP	<20	N/A	N/A	<258	2,259	N/A
132	SEE MAP	<20	N/A	N/A	<258	<745	N/A
133	SEE MAP	<20	N/A	N/A	<258	1,932	N/A
134	SEE MAP	<20	N/A	N/A	<258	836	N/A
135	SEE MAP	<20	N/A	N/A	<258	1,459	N/A
136	SEE MAP	<20	N/A	N/A	<258	3,459	N/A
137	SEE MAP	<20	N/A	N/A	<258	1,709	N/A
138	SEE MAP	<20	N/A	N/A	<258	<745	N/A
139	SEE MAP	<20	N/A	N/A	<258	<745	N/A
140	SEE MAP	<20	N/A	N/A	<258	<745	N/A
141	SEE MAP	<20	N/A	N/A	<258	2,055	N/A
142	SEE MAP	<20	N/A	N/A	<258	2,923	N/A
143	SEE MAP	<20	N/A	N/A	<258	2,505	N/A
144	SEE MAP	<20	N/A	N/A	<258	<745	N/A
145	SEE MAP	<20	N/A	N/A	<258	3,418	N/A
146	SEE MAP	<20	N/A	N/A	<258	2,459	N/A
147	SEE MAP	<20	N/A	N/A	<258	2,573	N/A
148	SEE MAP	<20	N/A	N/A	<258	<745	N/A
149	SEE MAP	<20	N/A	N/A	<258	1,273	N/A

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe #	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
	SEE MAP	dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
150	SEE MAP	<20	N/A	N/A	<258	**2,409**	N/A
151	SEE MAP	<20	N/A	N/A	<258	**1,605**	N/A
152	SEE MAP	<20	N/A	N/A	<258	**2,814**	N/A
153	SEE MAP	<20	N/A	N/A	<258	**3,277**	N/A
154	SEE MAP	<20	N/A	N/A	<258	**1,545**	N/A
155	SEE MAP	<20	N/A	N/A	<258	**1,655**	N/A
156	SEE MAP	<20	N/A	N/A	<258	**2,405**	N/A
157	SEE MAP	<20	N/A	N/A	<258	**1,968**	N/A
158	SEE MAP	<20	N/A	N/A	<258	<745	N/A
159	SEE MAP	<20	N/A	N/A	<258	<745	N/A
160	SEE MAP	<20	N/A	N/A	<258	**3,836**	N/A
161	N/A	N/A	N/A	N/A	N/A	N/A	N/A
162	N/A	N/A	N/A	N/A	N/A	N/A	N/A
163	N/A	N/A	N/A	N/A	N/A	N/A	N/A
164	N/A	N/A	N/A	N/A	N/A	N/A	N/A
165	N/A	N/A	N/A	N/A	N/A	N/A	N/A
166	N/A	N/A	N/A	N/A	N/A	N/A	N/A
167	N/A	N/A	N/A	N/A	N/A	N/A	N/A
168	N/A	N/A	N/A	N/A	N/A	N/A	N/A
169	N/A	N/A	N/A	N/A	N/A	N/A	N/A
170	N/A	N/A	N/A	N/A	N/A	N/A	N/A
171	N/A	N/A	N/A	N/A	N/A	N/A	N/A
172	N/A	N/A	N/A	N/A	N/A	N/A	N/A
173	N/A	N/A	N/A	N/A	N/A	N/A	N/A
174	N/A	N/A	N/A	N/A	N/A	N/A	N/A
175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
176	N/A	N/A	N/A	N/A	N/A	N/A	N/A
177	N/A	N/A	N/A	N/A	N/A	N/A	N/A
178	N/A	N/A	N/A	N/A	N/A	N/A	N/A
179	N/A	N/A	N/A	N/A	N/A	N/A	N/A
180	N/A	N/A	N/A	N/A	N/A	N/A	N/A
181	N/A	N/A	N/A	N/A	N/A	N/A	N/A
182	N/A	N/A	N/A	N/A	N/A	N/A	N/A
183	N/A	N/A	N/A	N/A	N/A	N/A	N/A
184	N/A	N/A	N/A	N/A	N/A	N/A	N/A
185	N/A	N/A	N/A	N/A	N/A	N/A	N/A
186	N/A	N/A	N/A	N/A	N/A	N/A	N/A
187	N/A	N/A	N/A	N/A	N/A	N/A	N/A
188	N/A	N/A	N/A	N/A	N/A	N/A	N/A
189	N/A	N/A	N/A	N/A	N/A	N/A	N/A
190	N/A	N/A	N/A	N/A	N/A	N/A	N/A
191	N/A	N/A	N/A	N/A	N/A	N/A	N/A
192	N/A	N/A	N/A	N/A	N/A	N/A	N/A

122/814

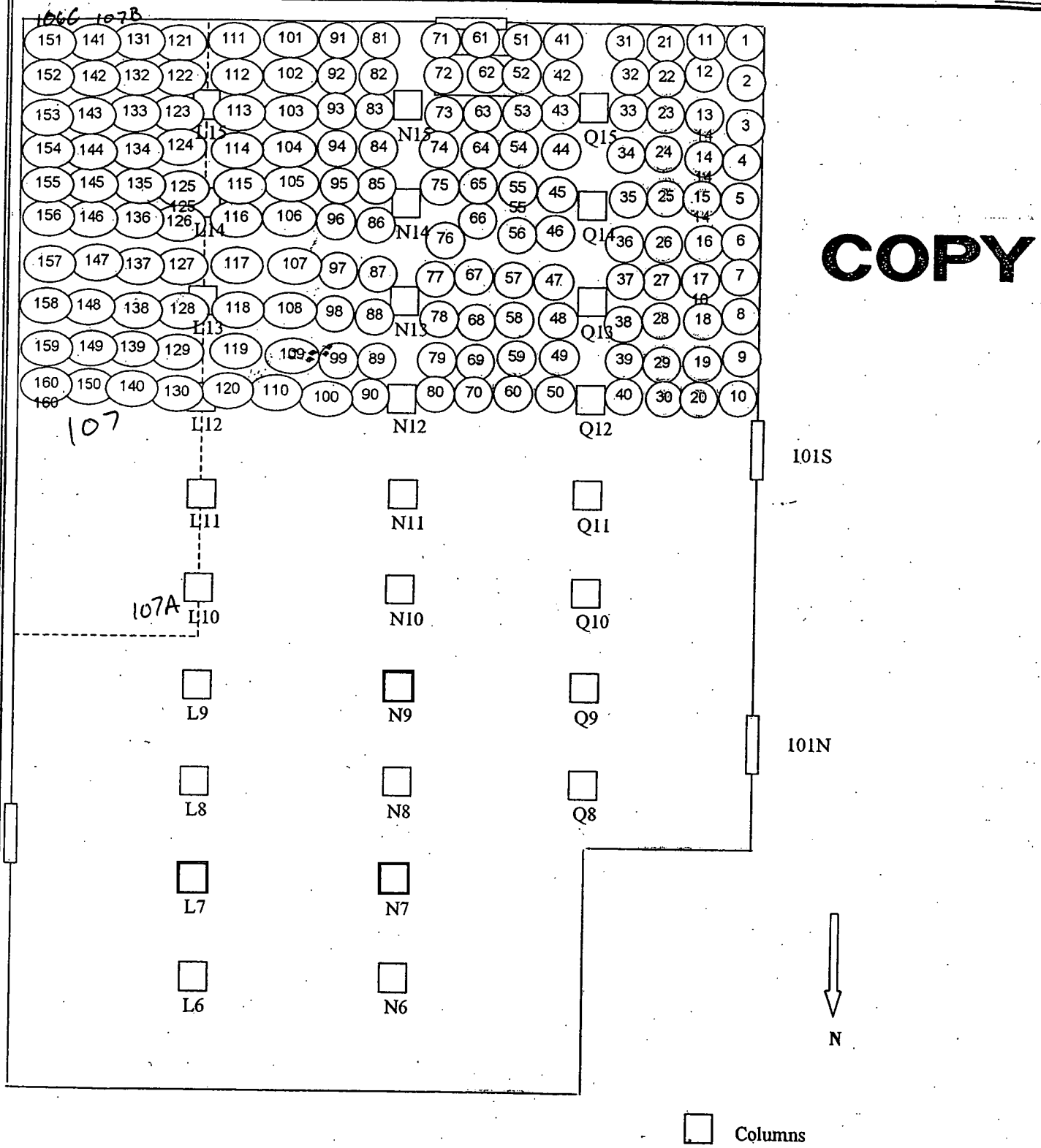
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Rm 101/107
Purpose: Pre- Pressure Wash Survey

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Date: 1/14/05
Time: 10:30



COPY

123/814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	763	Serial #	821	Serial #	2316
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	6/28/05
Bkg	0.5 cpmα	Bkg	0.2 cpmα	Bkg	3 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	706	Serial #	924	Serial #	2316
Cal Due	4/30/05	Cal Due	10/12/05	Cal Due	6/28/05
Bkg	47.6 cpmβ	Bkg	43.8 cpmβ	Bkg	975 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey tracking #: 444-VRA4-02 444-VRA4-02

Survey Type:	Alpha / Beta Contamination
Building:	444
Location:	RM. 101-Pre Pressure Wash
Purpose:	Characterization of floor Pre-fix
RWP #:	05-444-0002
Date:	1/15/05
Time:	10:30
RC	[redacted]
RC	[redacted]

PRN/REN # : N/A

Comments: Isotope of concern is U-238.

COPY

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
	SEE MAP						
1	SEE MAP	N/A	N/A	N/A	<258	3,186	N/A
2	SEE MAP	N/A	N/A	N/A	<258	1,264	N/A
3	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
4	SEE MAP	N/A	N/A	N/A	<258	11,045	N/A
5	SEE MAP	N/A	N/A	N/A	<258	2,323	N/A
6	SEE MAP	N/A	N/A	N/A	<258	1,450	N/A
7	SEE MAP	N/A	N/A	N/A	<258	3,341	N/A
8	SEE MAP	N/A	N/A	N/A	<258	3,750	N/A
9	SEE MAP	N/A	N/A	N/A	<258	4,755	N/A
10	SEE MAP	N/A	N/A	N/A	<258	2,082	N/A
11	SEE MAP	N/A	N/A	N/A	<258	4,327	N/A
12	SEE MAP	N/A	N/A	N/A	<258	2,491	N/A
13	SEE MAP	N/A	N/A	N/A	<258	3,750	N/A
14	SEE MAP	N/A	N/A	N/A	<258	2,368	N/A
15	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
16	SEE MAP	N/A	N/A	N/A	<258	5,164	N/A
17	SEE MAP	N/A	N/A	N/A	<258	3,632	N/A
18	SEE MAP	N/A	N/A	N/A	<258	2,591	N/A
19	SEE MAP	N/A	N/A	N/A	<258	2,473	N/A
20	SEE MAP	N/A	N/A	N/A	<258	5,127	N/A

Date Reviewed: 1-16-05 **RS Supervision:** [redacted]

124/814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
21	SEE MAP	N/A	N/A	N/A	<258	7,477	N/A
22	SEE MAP	N/A	N/A	N/A	<258	1,477	N/A
23	SEE MAP	N/A	N/A	N/A	<258	1,041	N/A
24	SEE MAP	N/A	N/A	N/A	<258	2,323	N/A
25	SEE MAP	N/A	N/A	N/A	<258	2,268	N/A
26	SEE MAP	N/A	N/A	N/A	<258	2,677	N/A
27	SEE MAP	N/A	N/A	N/A	<258	2,186	N/A
28	SEE MAP	N/A	N/A	N/A	<258	1,232	N/A
29	SEE MAP	N/A	N/A	N/A	<258	1,150	N/A
30	SEE MAP	N/A	N/A	N/A	<258	959	N/A
31	SEE MAP	N/A	N/A	N/A	<258	2,523	N/A
32	SEE MAP	N/A	N/A	N/A	<258	3,264	N/A
33	SEE MAP	N/A	N/A	N/A	<258	2,509	N/A
34	SEE MAP	N/A	N/A	N/A	<258	4,550	N/A
35	SEE MAP	N/A	N/A	N/A	<258	4,073	N/A
36	SEE MAP	N/A	N/A	N/A	<258	1,877	N/A
37	SEE MAP	N/A	N/A	N/A	<258	1,932	N/A
38	SEE MAP	N/A	N/A	N/A	<258	2,009	N/A
39	SEE MAP	N/A	N/A	N/A	<258	3,336	N/A
40	SEE MAP	N/A	N/A	N/A	<258	2,359	N/A
41	SEE MAP	N/A	N/A	N/A	<258	4,177	N/A
42	SEE MAP	N/A	N/A	N/A	<258	1,759	N/A
43	SEE MAP	N/A	N/A	N/A	<258	2,173	N/A
44	SEE MAP	N/A	N/A	N/A	<258	782	N/A
45	SEE MAP	N/A	N/A	N/A	<258	8,641	N/A
46	SEE MAP	N/A	N/A	N/A	<258	9,209	N/A
47	SEE MAP	N/A	N/A	N/A	<258	2,136	N/A
48	SEE MAP	N/A	N/A	N/A	<258	1,614	N/A
49	SEE MAP	N/A	N/A	N/A	<258	3,223	N/A
50	SEE MAP	N/A	N/A	N/A	<258	13,268	N/A
51	SEE MAP	N/A	N/A	N/A	<258	6,427	N/A
52	SEE MAP	N/A	N/A	N/A	<258	4,355	N/A
53	SEE MAP	N/A	N/A	N/A	<258	3,600	N/A
54	SEE MAP	N/A	N/A	N/A	<258	3,086	N/A
55	SEE MAP	N/A	N/A	N/A	<258	1,927	N/A
56	SEE MAP	N/A	N/A	N/A	<258	4,777	N/A
57	SEE MAP	N/A	N/A	N/A	<258	2,355	N/A
58	SEE MAP	N/A	N/A	N/A	<258	4,414	N/A
59	SEE MAP	N/A	N/A	N/A	<258	1,841	N/A
60	SEE MAP	N/A	N/A	N/A	<258	3,195	N/A
61	SEE MAP	N/A	N/A	N/A	<258	2,895	N/A
62	SEE MAP	N/A	N/A	N/A	<258	1,809	N/A
63	SEE MAP	N/A	N/A	N/A	<258	1,814	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
64	SEE MAP	N/A	N/A	N/A	<258	1,382	N/A
65	SEE MAP	N/A	N/A	N/A	<258	2,845	N/A
66	SEE MAP	N/A	N/A	N/A	<258	2,100	N/A
67	SEE MAP	N/A	N/A	N/A	<258	2,341	N/A
68	SEE MAP	N/A	N/A	N/A	<258	1,636	N/A
69	SEE MAP	N/A	N/A	N/A	<258	936	N/A
70	SEE MAP	N/A	N/A	N/A	<258	1,927	N/A
71	SEE MAP	N/A	N/A	N/A	<258	2,609	N/A
72	SEE MAP	N/A	N/A	N/A	<258	1,745	N/A
73	SEE MAP	N/A	N/A	N/A	<258	1,177	N/A
74	SEE MAP	N/A	N/A	N/A	<258	1,277	N/A
75	SEE MAP	N/A	N/A	N/A	<258	1,395	N/A
76	SEE MAP	N/A	N/A	N/A	<258	2,459	N/A
77	SEE MAP	N/A	N/A	N/A	<258	2,186	N/A
78	SEE MAP	N/A	N/A	N/A	<258	1,891	N/A
79	SEE MAP	N/A	N/A	N/A	<258	1,695	N/A
80	SEE MAP	N/A	N/A	N/A	<258	945	N/A
81	SEE MAP	N/A	N/A	N/A	<258	1,741	N/A
82	SEE MAP	N/A	N/A	N/A	<258	1,891	N/A
83	SEE MAP	N/A	N/A	N/A	<258	1,823	N/A
84	SEE MAP	N/A	N/A	N/A	<258	1,014	N/A
85	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
86	SEE MAP	N/A	N/A	N/A	<258	1,686	N/A
87	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
88	SEE MAP	N/A	N/A	N/A	<258	1,114	N/A
89	SEE MAP	N/A	N/A	N/A	<258	1,655	N/A
90	SEE MAP	N/A	N/A	N/A	<258	1,791	N/A
91	SEE MAP	N/A	N/A	N/A	<258	2,323	N/A
92	SEE MAP	N/A	N/A	N/A	<258	2,250	N/A
93	SEE MAP	N/A	N/A	N/A	<258	1,345	N/A
94	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
95	SEE MAP	N/A	N/A	N/A	<258	1,473	N/A
96	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
97	SEE MAP	N/A	N/A	N/A	<258	782	N/A
98	SEE MAP	N/A	N/A	N/A	<258	1,059	N/A
99	SEE MAP	N/A	N/A	N/A	<258	1,627	N/A
100	SEE MAP	N/A	N/A	N/A	<258	818	N/A
101	SEE MAP	N/A	N/A	N/A	<258	1,964	N/A
102	SEE MAP	N/A	N/A	N/A	<258	1,550	N/A
103	SEE MAP	N/A	N/A	N/A	<258	2,164	N/A
104	SEE MAP	N/A	N/A	N/A	<258	1,023	N/A
105	SEE MAP	N/A	N/A	N/A	<258	786	N/A
106	SEE MAP	N/A	N/A	N/A	<258	<745	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe #	LOCATION SEE MAP	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
107	SEE MAP	N/A	N/A	N/A	<258	1,123	N/A
108	SEE MAP	N/A	N/A	N/A	<258	1,150	N/A
109	SEE MAP	N/A	N/A	N/A	<258	2,032	N/A
110	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
111	SEE MAP	N/A	N/A	N/A	<258	1,250	N/A
112	SEE MAP	N/A	N/A	N/A	<258	1,655	N/A
113	SEE MAP	N/A	N/A	N/A	<258	1,064	N/A
114	SEE MAP	N/A	N/A	N/A	<258	973	N/A
115	SEE MAP	N/A	N/A	N/A	<258	5,814	N/A
116	SEE MAP	N/A	N/A	N/A	<258	886	N/A
117	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
118	SEE MAP	N/A	N/A	N/A	<258	1,195	N/A
119	SEE MAP	N/A	N/A	N/A	<258	2,555	N/A
120	SEE MAP	N/A	N/A	N/A	<258	1,295	N/A
121	SEE MAP	N/A	N/A	N/A	<258	1,436	N/A
122	SEE MAP	N/A	N/A	N/A	<258	1,864	N/A
123	SEE MAP	N/A	N/A	N/A	<258	3,223	N/A
124	SEE MAP	N/A	N/A	N/A	<258	918	N/A
125	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
126	SEE MAP	N/A	N/A	N/A	<258	1,609	N/A
127	SEE MAP	N/A	N/A	N/A	<258	936	N/A
128	SEE MAP	N/A	N/A	N/A	<258	2,350	N/A
129	SEE MAP	N/A	N/A	N/A	<258	5,305	N/A
130	SEE MAP	N/A	N/A	N/A	<258	1,095	N/A
131	SEE MAP	N/A	N/A	N/A	<258	1,055	N/A
132	SEE MAP	N/A	N/A	N/A	<258	1,395	N/A
133	SEE MAP	N/A	N/A	N/A	<258	959	N/A
134	SEE MAP	N/A	N/A	N/A	<258	1,555	N/A
135	SEE MAP	N/A	N/A	N/A	<258	1,586	N/A
136	SEE MAP	N/A	N/A	N/A	<258	768	N/A
137	SEE MAP	N/A	N/A	N/A	<258	1,559	N/A
138	SEE MAP	N/A	N/A	N/A	<258	1,041	N/A
139	SEE MAP	N/A	N/A	N/A	<258	768	N/A
140	SEE MAP	N/A	N/A	N/A	<258	1,277	N/A
141	SEE MAP	N/A	N/A	N/A	<258	4,345	N/A
142	SEE MAP	N/A	N/A	N/A	<258	2,341	N/A
143	SEE MAP	N/A	N/A	N/A	<258	1,468	N/A
144	SEE MAP	N/A	N/A	N/A	<258	1,586	N/A
145	SEE MAP	N/A	N/A	N/A	<258	1,723	N/A
146	SEE MAP	N/A	N/A	N/A	<258	1,505	N/A
147	SEE MAP	N/A	N/A	N/A	<258	1,091	N/A
148	SEE MAP	N/A	N/A	N/A	<258	1,245	N/A
149	SEE MAP	N/A	N/A	N/A	<258	2,355	N/A

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

Swipe #	LOCATION SEE MAP	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
150	SEE MAP	N/A	N/A	N/A	<258	**5,623**	N/A
151	SEE MAP	N/A	N/A	N/A	<258	**1,500**	N/A
152	SEE MAP	N/A	N/A	N/A	<258	**1,464**	N/A
153	SEE MAP	N/A	N/A	N/A	<258	**1,182**	N/A
154	SEE MAP	N/A	N/A	N/A	<258	**4,286**	N/A
155	SEE MAP	N/A	N/A	N/A	<258	**1,636**	N/A
156	SEE MAP	N/A	N/A	N/A	<258	**1,041**	N/A
157	SEE MAP	N/A	N/A	N/A	<258	**5,909**	N/A
158	SEE MAP	N/A	N/A	N/A	<258	**1,605**	N/A
159	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
160	SEE MAP	N/A	N/A	N/A	<258	<745	N/A
161	N/A	N/A	N/A	N/A	N/A	N/A	N/A
162	N/A	N/A	N/A	N/A	N/A	N/A	N/A
163	N/A	N/A	N/A	N/A	N/A	N/A	N/A
164	N/A	N/A	N/A	N/A	N/A	N/A	N/A
165	N/A	N/A	N/A	N/A	N/A	N/A	N/A
166	N/A	N/A	N/A	N/A	N/A	N/A	N/A
167	N/A	N/A	N/A	N/A	N/A	N/A	N/A
168	N/A	N/A	N/A	N/A	N/A	N/A	N/A
169	N/A	N/A	N/A	N/A	N/A	N/A	N/A
170	N/A	N/A	N/A	N/A	N/A	N/A	N/A
171	N/A	N/A	N/A	N/A	N/A	N/A	N/A
172	N/A	N/A	N/A	N/A	N/A	N/A	N/A
173	N/A	N/A	N/A	N/A	N/A	N/A	N/A
174	N/A	N/A	N/A	N/A	N/A	N/A	N/A
175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
176	N/A	N/A	N/A	N/A	N/A	N/A	N/A
177	N/A	N/A	N/A	N/A	N/A	N/A	N/A
178	N/A	N/A	N/A	N/A	N/A	N/A	N/A
179	N/A	N/A	N/A	N/A	N/A	N/A	N/A
180	N/A	N/A	N/A	N/A	N/A	N/A	N/A
181	N/A	N/A	N/A	N/A	N/A	N/A	N/A
182	N/A	N/A	N/A	N/A	N/A	N/A	N/A
183	N/A	N/A	N/A	N/A	N/A	N/A	N/A
184	N/A	N/A	N/A	N/A	N/A	N/A	N/A
185	N/A	N/A	N/A	N/A	N/A	N/A	N/A
186	N/A	N/A	N/A	N/A	N/A	N/A	N/A
187	N/A	N/A	N/A	N/A	N/A	N/A	N/A
188	N/A	N/A	N/A	N/A	N/A	N/A	N/A
189	N/A	N/A	N/A	N/A	N/A	N/A	N/A
190	N/A	N/A	N/A	N/A	N/A	N/A	N/A
191	N/A	N/A	N/A	N/A	N/A	N/A	N/A
192	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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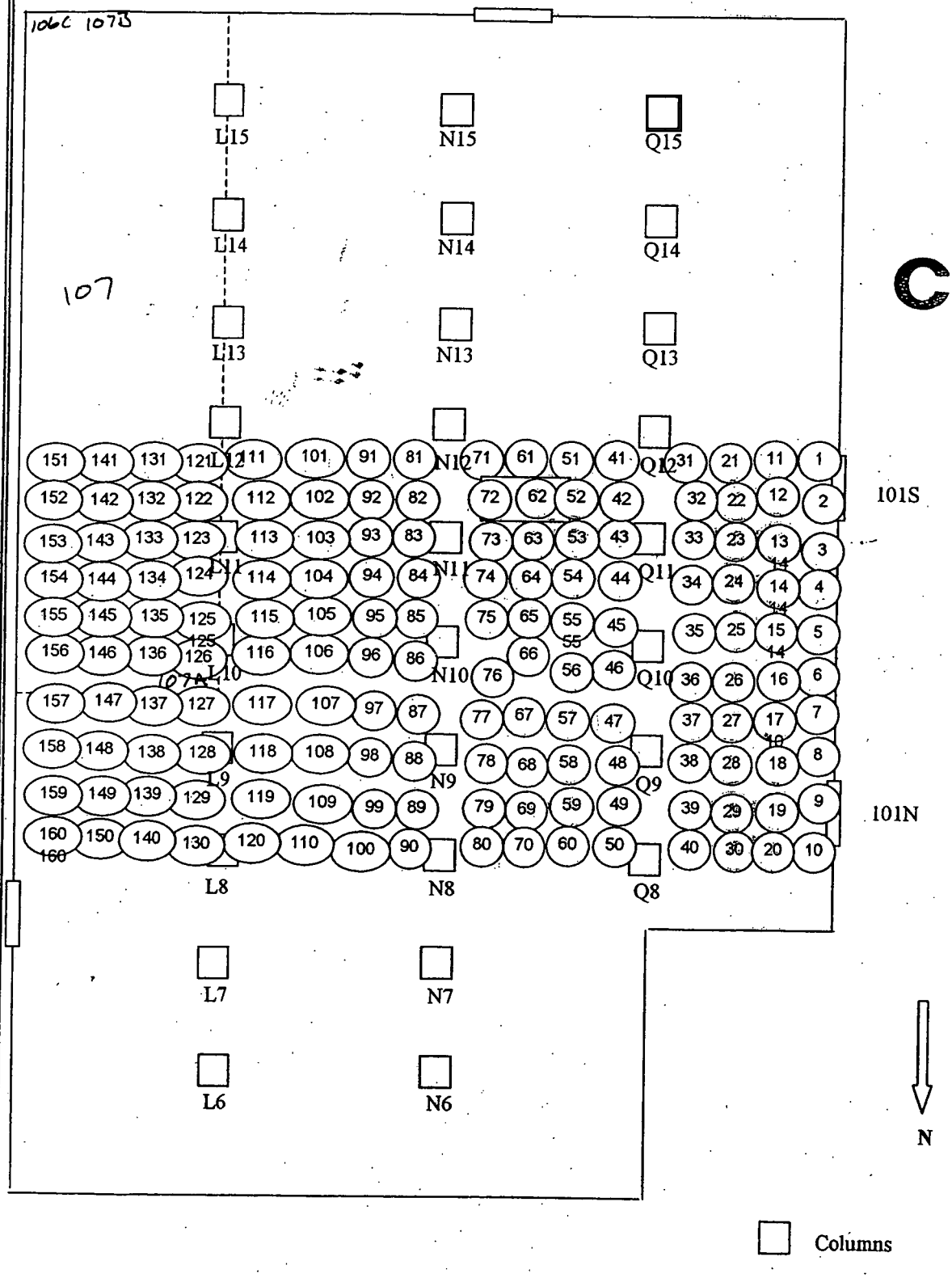
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Rm 101/107
Purpose: Pre- Pressure Wash Survey

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Page 6 of 6
Date: 1/15/05
Time: 10:30



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Columns

3-PRO-164-RSP-07.01 (effective 7/12/01)

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814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	763	Serial #	821	Serial #	1409
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	5/8/05
Bkg	0.3 cpmα	Bkg	0.4 cpmα	Bkg	6 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	706	Serial #	924	Serial #	1409
Cal Due	4/30/05	Cal Due	10/12/05	Cal Due	5/8/05
Bkg	46.5 cpmβ	Bkg	44.3 cpmβ	Bkg	664 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey Log # : 444-Y04-04

Survey Type: Alpha / Beta Contamination

Building: 444

Location: RM. 101-Ventilation Holes ? Rm 107

Purpose: Characterization ~~Pre-Decontaminating~~ Pre-fix

RWP #: 05-444-0002

Date: 1/11/05 Time: 16:00

[redacted]

PRN/REN # : N/A

Comments: Isotope of concern is U-238.

COPY

SURVEY RESULTS

Swipe #	LOCATION SEE MAP	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Sample Point # 1	<20	N/A	N/A	<258	6,318	N/A
2	Sample Point # 4	<20	N/A	N/A	<258	80,455	N/A
3	Sample Point # 5	<20	N/A	N/A	<258	554,545	N/A
4	Sample Point # 6	<20	N/A	N/A	<258	336,364	N/A
5	Sample Point # 12	<20	N/A	N/A	<258	112,273	N/A
6	Sample Point # 14	<20	N/A	N/A	<258	180,000	N/A
7	Sample Point # 17	<20	N/A	N/A	<258	142,727	N/A
8	Sample Point # 18	21	N/A	N/A	521	1,168,182	N/A
9	Sample Point # 20	<20	N/A	N/A	<258	142,727	N/A
10	Sample Point # 22	73	N/A	N/A	814	522,727	N/A
11	Sample Point # 23	<20	N/A	N/A	<258	15,591	N/A
12	Sample Point # 25	<20	N/A	N/A	<258	126,364	N/A
13	Sample Point # 27	<20	N/A	N/A	<258	52,273	N/A
14	Sample Point # 43	<20	N/A	N/A	<258	53,636	N/A
15	Sample Point # 44	<20	N/A	N/A	<258	59,091	N/A
16	Sample Point # 48	<20	N/A	N/A	<258	160,909	N/A
17	Sample Point # 49	<20	N/A	N/A	<258	110,909	N/A
18	Sample Point # 50	<20	N/A	N/A	<258	977,273	N/A
19	Sample Point # 51	<20	N/A	N/A	<258	105,000	N/A
20	Sample Point # 52	<20	N/A	N/A	<258	234,091	N/A

Date Reviewed: 1-15-05 **RS Supervision:** [redacted]

130
814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	763	Serial #	821	Serial #	1409
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	5/8/05
Bkg	0.1 cpmα	Bkg	0.6 cpmα	Bkg	5 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	706	Serial #	924	Serial #	1409
Cal Due	4/30/05	Cal Due	10/12/05	Cal Due	5/8/05
Bkg	47.3 cpmβ	Bkg	47.2 cpmβ	Bkg	813 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey Type: Alpha / Beta Contamination

Building: 444

Location: RM. 101-Ventilation Holes ? Rm 107

Purpose: Characterization

RWP #: 05-444-0002

Date: 1/13/05 Time: 15:00

[redacted]

PRN/REN # : N/A

Comments: Isotope of concern is U-238.

COPY

SURVEY RESULTS

Swipe #	LOCATION SEE MAP	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Sample Point # 19	<20	N/A	N/A	<258	232,273	N/A
2	Sample Point # 16	203	N/A	N/A	1,779	227,636	N/A
3	Sample Point # 15	36	N/A	N/A	<258	44,818	N/A
4	Sample Point # 13	91	N/A	N/A	936	60,455	N/A
5	Sample Point # 34	<20	N/A	N/A	<258	294,545	N/A
6	Sample Point # 35	67	N/A	N/A	400	120,909	N/A
7	Sample Point # 36	200	N/A	N/A	1,750	423,636	N/A
8	Sample Point # 37	118	N/A	N/A	679	94,091	N/A
9	Sample Point # 38	<20	N/A	N/A	<258	140,455	N/A
10	Sample Point # 39	70	N/A	N/A	543	289,545	N/A
11	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Date Reviewed: 1-13-05 **RS Supervision:** [redacted]

131/814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	763	Serial #	821	Serial #	1409
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	5/8/05
Bkg	0.1 cpmα	Bkg	0.6 cpmα	Bkg	5 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	706	Serial #	924	Serial #	1409
Cal Due	~~4/30/05~~	Cal Due	10/12/05	Cal Due	5/8/05
Bkg	47.3 cpmβ	Bkg	47.2 cpmβ	Bkg	813 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey Type: Alpha / Beta Contamination

Building: 444

Location: RM. 101-Ventilation Holes & Rm 107

Purpose: Characterization

RWP #: 05-444-0002

Date: 1/13/05 Time: 16:00

[redacted]

Print name Signature Emp. #

PRN/REN # : N/A

Comments: Isotope of concern is U-238.

COPY

SURVEY RESULTS

Swipe #	LOCATION SEE MAP	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Sample Point # 40	424	1,471	N/A	4,457	140,909	N/A
2	Sample Point # 41	97	465	N/A	507	29,545	N/A
3	Sample Point # 86	<20	15,294	N/A	350	827,273	N/A
4	Sample Point # 85	82	10,588	N/A	386	2,727,273	N/A
5	Sample Point # 84	182	471	N/A	2,086	109,091	N/A
6	Sample Point # 83	33	3,941	N/A	307	559,091	N/A
7	Sample Point # 82	542	1,294	N/A	4,836	363,636	N/A
8	Sample Point # 81	39	1,647	N/A	1,750	59,091	N/A
9	Sample Point # 80	N/A	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	N/A	[redacted]					

Date Reviewed: 1-15-05 **RS Supervision:** [redacted]

132
814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model	N/A	Model	N/A	Model	DP-6
Serial #	N/A	Serial #	N/A	Serial #	1423
Cal Due	N/A	Cal Due	N/A	Cal Due	2/28/05
Bkg	N/A cpmα	Bkg	N/A cpmα	Bkg	1 cpmα
Efficiency	N/A %	Efficiency	N/A %	Efficiency	17 %
MDA	N/A dpmα	MDA	N/A dpmα	MDA	94 dpmα

Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model	N/A	Model	N/A	Model	DP-6
Serial #	N/A	Serial #	N/A	Serial #	1423
Cal Due	N/A	Cal Due	N/A	Cal Due	2/28/05
Bkg	N/A cpmβ	Bkg	N/A cpmβ	Bkg	719 cpmβ
Efficiency	N/A %	Efficiency	N/A %	Efficiency	22 %
MDA	N/A dpmβ	MDA	N/A dpmβ	MDA	745 dpmβ

Survey Type: Alpha & Beta Contamination

Building: 444

Location: Rm 101 Ventilation Holes ; Rm 107

Purpose: Characterization

RWP #: 05-444-0002

Date: 1/14/05 **Time:** 13:45

[redacted]

	Print name	Signature	Emp. #
RCT:	N/A	N/A	N/A

PRN/REN # : N/A

Comments: Isotope of concern U-238.

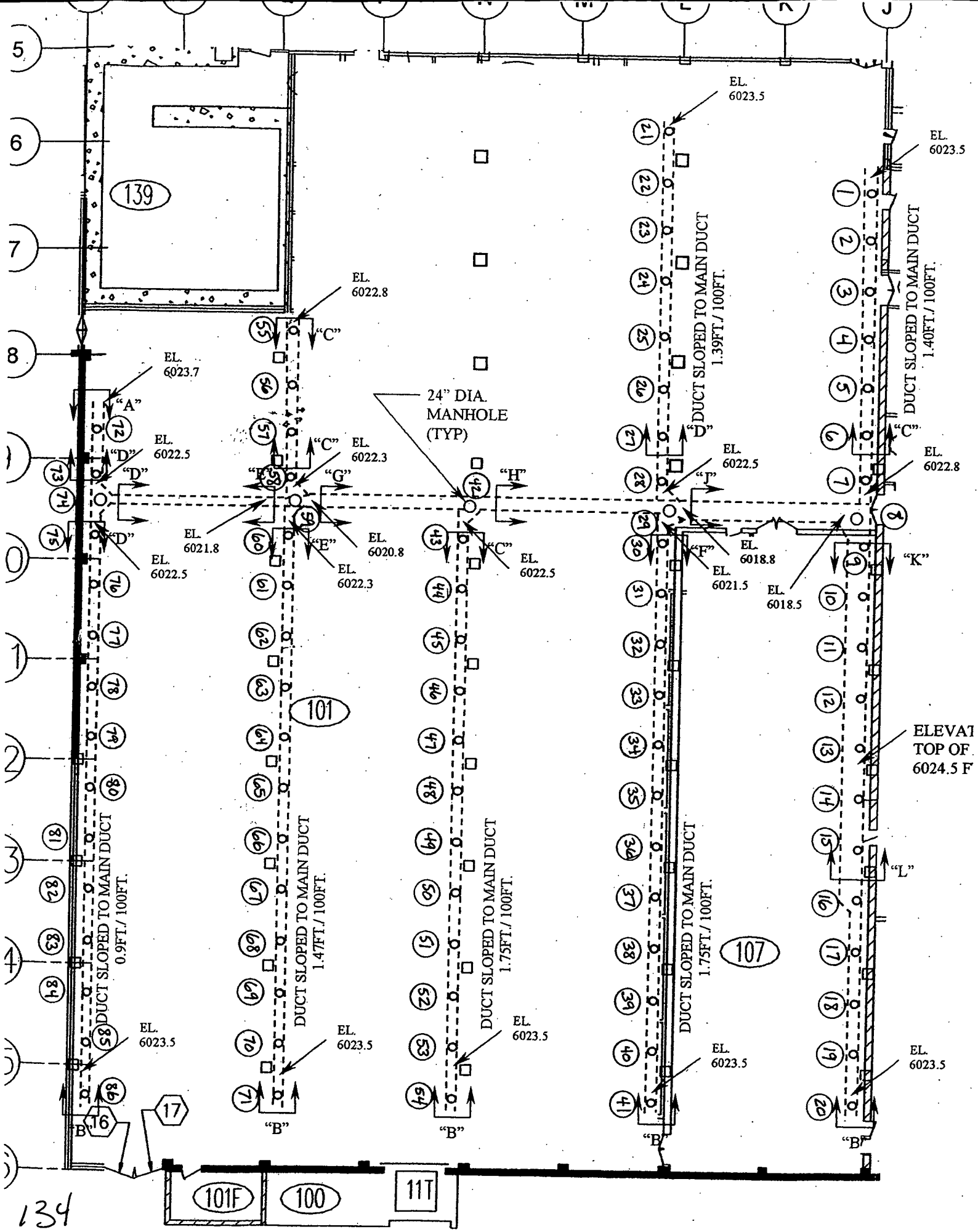
COPY

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Sample Point # 2	<94	N/A	N/A	1750	103636	N/A
2	Sample Point # 3	<94	N/A	N/A	5000	463636	N/A
3	Sample Point # 7	<94	N/A	N/A	<745	173636	N/A
4	Sample Point # 8	<94	N/A	N/A	<745	221818	N/A
5	Sample Point # 9	<94	N/A	N/A	<745	106364	N/A
6	Sample Point # 10	<94	N/A	N/A	<745	290909	N/A
7	Sample Point # 11	<94	N/A	N/A	1500	256818	N/A
8	Sample Point # 21	<94	N/A	N/A	<745	297727	N/A
9	Sample Point # 24	<94	N/A	N/A	1000	95909	N/A
10	Sample Point # 26	<94	N/A	N/A	1500	99545	N/A
11	Sample Point # 28	<94	N/A	N/A	<745	170909	N/A
12	Sample Point # 29	<94	N/A	N/A	<745	5677	N/A
13	Sample Point # 30	<94	N/A	N/A	<745	39136	N/A
14	Sample Point # 31	<94	N/A	N/A	<745	30227	N/A
15	Sample Point # 32	<94	N/A	N/A	<745	49091	N/A
16	Sample Point # 33	<94	N/A	N/A	1095	225909	N/A
17	Sample Point # 42	228	N/A	N/A	3635	3363636	N/A
18	Sample Point # 45	<94	N/A	N/A	<745	70455	N/A
19	Sample Point # 46	<94	N/A	N/A	<745	46364	N/A
20	Sample Point # 47	<94	N/A	N/A	<745	46364	N/A

Date Reviewed: 1-15-05 **RS Supervision:** [redacted]

133/814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24" DIA. MANHOLE (TYP)
DUCT SLOPED TO MAIN DUCT 0.9FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 1.47FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 1.75FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 1.75FT./ 100FT.
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134

814

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	N/A
Model	SAC-4	Model	SAC-4	Model	N/A
Serial #	763	Serial #	821	Serial #	N/A
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	N/A
Bkg	0.6 cpmα	Bkg	0.6 cpmα	Bkg	N/A cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	N/A %
MDA	20 dpmα	MDA	20 dpmα	MDA	N/A dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	N/A
Model	BC-4	Model	BC-4	Model	N/A
Serial #	694	Serial #	706	Serial #	N/A
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	N/A
Bkg	41.7 cpmβ	Bkg	44.4 cpmβ	Bkg	N/A cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	N/A %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	N/A dpmβ

Survey Tracking # 444-V1R4-05

Survey Type: Contamination 444-V1R4-05

Building: 444

Location: Room 101 ; Rm 107

Purpose: Post Decon of ventilation tunnels

Pre-fix

RWP #: N/A

Date: 2/1/05 Time: 15:00

[redacted]

Print name Signature Emp. #

PRN/REN # : N/A

Comments: Isotope of concern is U-238. Survey is post decon of ventilation tunnels in Room 101.

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Survey Point 1	<20	N/A	N/A	<258	N/A	N/A
2	Survey Point 2	<20			<258		
3	Survey Point 3	<20			<258		
4	Survey Point 4	24			<258		
5	Survey Point 5	72			550		
6	Survey Point 6	36			300		
7	Survey Point 7	111			1064		
8	Survey Point 8	48			879		
9	Survey Point 9	135			1471		
10	Survey Point 10	51			929		
11	Survey Point 11	72			521		
12	Survey Point 12	66			779		
13	Survey Point 13	51			664		
14	Survey Point 14	72			929		
15	Survey Point 15	54			443		
16	Survey Point 16	99			5536		
17	Survey Point 17	<20			<258		
18	Survey Point 18	99			1079		
19	Survey Point 19	48			<258		
20	Survey Point 20	21	N/A	N/A	<258	N/A	N/A

Date Reviewed: 2-1-05 **RS Supervision:** [redacted]

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
21	Survey Point 21	33	N/A	N/A	307	N/A	N/A
22	Survey Point 22	<20			<258		
23	Survey Point 23	<20			<258		
24	Survey Point 24	<20			<258		
25	Survey Point 25	<20			<258		
26	Survey Point 26	39			314		
27	Survey Point 27	27			1129		
28	Survey Point 28	72			4057		
29	Survey Point 29	48			<258		
30	Survey Point 30	24			<258		
31	Survey Point 31	84			807		
32	Survey Point 32	69			750		
33	Survey Point 33	<20			407		
34	Survey Point 34	84			1364		
35	Survey Point 35	66			557		
36	Survey Point 36	117			2264		
37	Survey Point 37	60			743		
38	Survey Point 38	21			1021		
39	Survey Point 39	24			<258		
40	Survey Point 40	<20			<258		
41	Survey Point 41	<20			<258		
42	Survey Point 42	60			950		
43	Survey Point 43	<20			<258		
44	Survey Point 44	<20			<258		
45	Survey Point 45	<20			<258		
46	Survey Point 46	48			457		
47	Survey Point 47	<20			379		
48	Survey Point 48	<20			<258		
49	Survey Point 49	75			736		
50	Survey Point 50	114			2107		
51	Survey Point 51	57			421		
52	Survey Point 52	<20			<258		
53	Survey Point 53	<20			<258		
54	Survey Point 54	<20			<258		
55	Survey Point 55	21			<258		
56	Survey Point 56	<20			<258		
57	Survey Point 57	21			<258		
58	Survey Point 58	<20			<258		
59	Survey Point 59	30			<258		
60	Survey Point 60	<20			<258		
61	Survey Point 61	48			336		
62	Survey Point 62	57	↓	↓	450	↓	↓
63	Survey Point 63	27	N/A	N/A	321	N/A	N/A

rev. 2

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
64	Survey Point 64	**24**	N/A	N/A	<258	N/A	N/A
65	Survey Point 65	**33**			<258		
66	Survey Point 66	<20			**279**		
67	Survey Point 67	<20			<258		
68	Survey Point 68	<20			<258		
69	Survey Point 69	**69**			**1086**		
70	Survey Point 70	<20			<258		
71	Survey Point 71	**99**			**571**		
72	Survey Point 72	**24**			<258		
73	Survey Point 73	**135**			**650**		
74	Survey Point 74	**159**			**4114**		
75	Survey Point 75	**297**			**2543**		
76	Survey Point 76	**183**			**6929**		
77	Survey Point 77	**105**			**793**		
78	Survey Point 78	**132**			**964**		
79	Survey Point 79	**87**			**836**		
80	Survey Point 80	**234**			**2229**		
81	Survey Point 81	**228**			**2257**		
82	Survey Point 82	**69**			**386**		
83	Survey Point 83	**369**			**4986**		
84	Survey Point 84	**285**			**3379**		
85	Survey Point 85	**372**			**3707**		
86	Survey Point 86	**729**			**8807**		
87	N/A	N/A			N/A		
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106	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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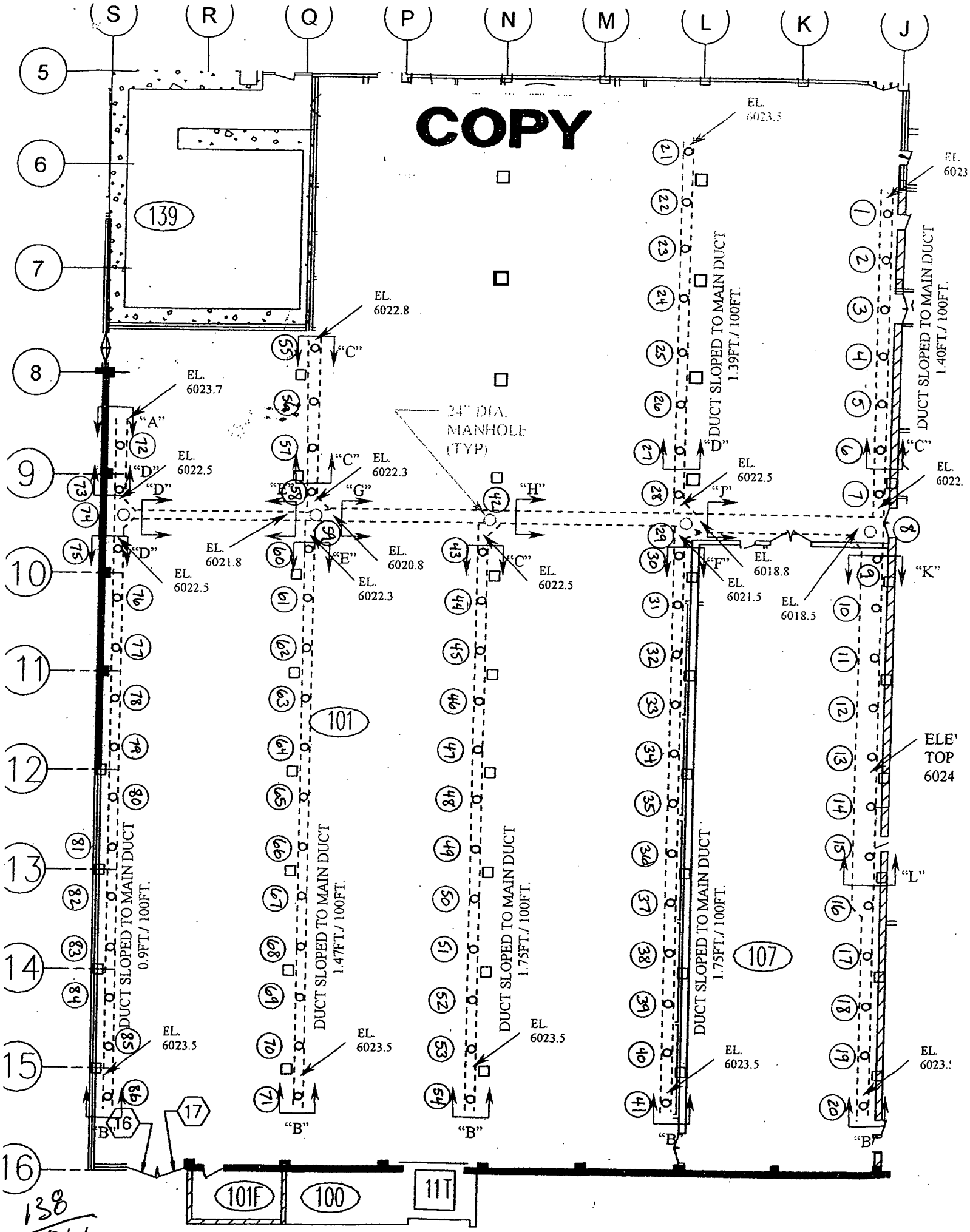
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24" DIA. MANHOLE (TYP)
DUCT SLOPED TO MAIN DUCT 1.39FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 1.40FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 0.9FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 1.47FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 1.75FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 1.75FT./ 100FT.
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138
8/4

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model	N/A	Model	N/A	Model	DP-6
Serial #	N/A	Serial #	N/A	Serial #	1392
Cal Due	N/A	Cal Due	N/A	Cal Due	6/28/05
Bkg.	N/A cpm α	Bkg.	N/A cpm α	Bkg.	3 cpm α
Eff.	N/A %	Eff.	N/A %	Eff.	17 %
MDA	N/A dpm α	MDA	N/A dpm α	MDA	94 dpm α
Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	694	Serial #	706	Serial #	1392
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	6/28/05
Bkg.	38.8 cpm β	Bkg.	45.4 cpm β	Bkg.	832 cpm β
Eff.	14 %	Eff.	14 %	Eff.	22 %
MDA	258 dpm β	MDA	258 dpm β	MDA	745 dpm β

SURVEY TRACKING #: 444-ELE-01

Survey Type: CONTAMINATION Page 1 of 4

Building: 444 Room 7

Location: Elevator Shaft Small Elevator #1

Purpose: Post pressure wash and Pre-Fixative

RWP #: N/A

Date: 1/19/05 Time: 14:00

[redacted]

	Print Name	Signature	Emp. #
RCT:	N/A	N/A	N/A

PRN/REN:

Comments: Isotope of Concern U-238. Shaft below basement floor not surveyed due to water.

SURVEY RESULTS

COPY

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Ceiling	N/A	<258	N/A	<745
2	Ceiling	N/A	<258	N/A	<745
3	Ceiling	N/A	<258	N/A	<745
4	Ceiling	N/A	<258	N/A	<745
5	Wall 6th Level	N/A	<258	N/A	959
6	Wall 6th Level	N/A	<258	N/A	<745
7	Wall 6th Level	N/A	<258	N/A	<745
8	Wall 6th Level	N/A	<258	N/A	1009
9	Wall 6th Level	N/A	<258	N/A	<745
10	Wall 6th Level	N/A	<258	N/A	<745
11	Wall 6th Level	N/A	<258	N/A	<745
12	Wall 6th Level	N/A	<258	N/A	<745
13	Wall 6th Level	N/A	<258	N/A	<745
14	Wall 6th Level	N/A	<258	N/A	<745
15	Wall 6th Level	N/A	<258	N/A	<745
16	Wall 6th Level	N/A	<258	N/A	<745
17	Wall 6th Level	N/A	<258	N/A	<745
18	Wall 6th Level	N/A	<258	N/A	<745
19	Wall 6th Level	N/A	<258	N/A	<745
20	Wall 6th Level	N/A	<258	N/A	<745
21	Wall 5th Level	N/A	<258	N/A	1409
22	Wall 5th Level	N/A	<258	N/A	1164
23	Wall 5th Level	N/A	<258	N/A	955
24	Wall 5th Level	N/A	<258	N/A	918
25	Wall 5th Level	[redacted]			

Date Reviewed: 1-20-05 RS Supervision: [redacted]

3-PRO-164-RSP-07.01 (effective 7/12/01)

139/814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444 **RADIOLOGICAL SAFETY** Page 2 of 4

Location: Elevator shaft Small Date: 1/19/05

Purpose: Post pressure wash and Pre-Fixative Survey. Time: 2:00 PM

COPY

#	Description	REMOVABLE DPM/100 CM²		DIRECT DPM/100 CM²	
		ALPHA	BETA	ALPHA	BETA
26	Wall 5th Level	N/A	<258	N/A	<745
27	Wall 5th Level	N/A	<258	N/A	1009
28	Wall 5th Level	N/A	<258	N/A	977
29	Wall 5th Level	N/A	<258	N/A	986
30	Wall 5th Level	N/A	<258	N/A	795
31	Wall 5th Level	N/A	<258	N/A	<745
32	Wall 5th Level	N/A	<258	N/A	<745
33	Wall 5th Level	N/A	<258	N/A	<745
34	Wall 5th Level	N/A	<258	N/A	955
35	Wall 4th Level	N/A	<258	N/A	1868
36	Wall 4th Level	N/A	<258	N/A	1409
37	Wall 4th Level	N/A	<258	N/A	1250
38	Wall 4th Level	N/A	<258	N/A	982
39	Wall 4th Level	N/A	<258	N/A	<745
40	Wall 4th Level	N/A	<258	N/A	<745
41	Wall 4th Level	N/A	<258	N/A	50923
42	Wall 4th Level	N/A	<258	N/A	101750
43	Wall 4th Level	N/A	<258	N/A	<745
44	Wall 4th Level	N/A	<258	N/A	<745
45	Wall 4th Level	N/A	<258	N/A	<745
46	Wall 4th Level	N/A	<258	N/A	<745
47	Wall 4th Level	N/A	<258	N/A	1286
48	Wall 4th Level	N/A	<258	N/A	782
49	Wall 4th Level	N/A	<258	N/A	<745
50	Wall 4th Level	N/A	<258	N/A	<745
51	Wall 3rd Level	N/A	<258	N/A	1018
52	Wall 3rd Level	N/A	<258	N/A	<745
53	Wall 3rd Level	N/A	<258	N/A	<745
54	Wall 3rd Level	N/A	<258	N/A	<745
55	Wall 3rd Level	N/A	<258	N/A	45909
56	Wall 3rd Level	N/A	<258	N/A	23709
57	Wall 3rd Level	N/A	<258	N/A	9564
58	Wall 3rd Level	N/A	<258	N/A	27973
59	Wall 3rd Level	N/A	<258	N/A	21609
60	Wall 3rd Level	N/A	<258	N/A	5832
61	Wall 3rd Level	N/A	<258	N/A	8295
62	Wall 3rd Level	N/A	<258	N/A	6873
63	Wall 3rd Level	N/A	<258	N/A	2386
64	Wall 3rd Level	N/A	<258	N/A	1886
65	Wall 2nd Level	N/A	<258	N/A	1118
66	Wall 2nd Level	N/A	<258	N/A	982
67	Wall 2nd Level	N/A	<258	N/A	<745
68	Wall 2nd Level	N/A	<258	N/A	<745
69	Wall 2nd Level	N/A	<258	N/A	19895
70	Wall 2nd Level	N/A	<258	N/A	15091
71	Wall 2nd Level	N/A	<258	N/A	9945

Building: 444

Location: Elevator shaft Small

Purpose: Post pressure wash and Pre-Fixative Survey.

RADIOLOGICAL SAFETY

Date: 1/19/05

Time: 2:00 PM

COPY

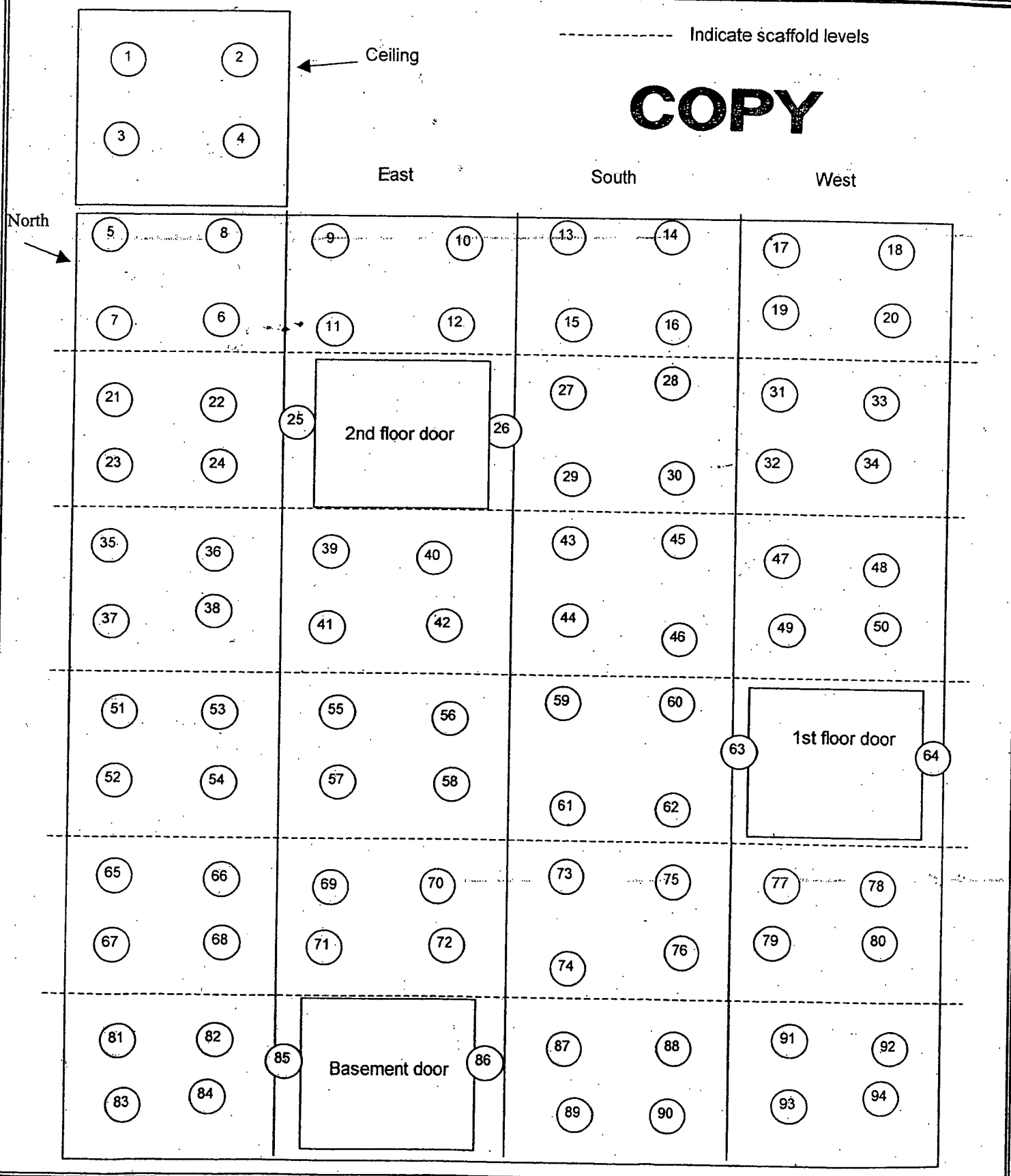
#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
72	Wall 2nd Level	N/A	<258	N/A	2391
73	Wall 2nd Level	N/A	<258	N/A	1627
74	Wall 2nd Level	N/A	<258	N/A	973
75	Wall 2nd Level	N/A	<258	N/A	<745
76	Wall 2nd Level	N/A	<258	N/A	859
77	Wall 2nd Level	N/A	<258	N/A	38795
78	Wall 2nd Level	N/A	<258	N/A	8918
79	Wall 2nd Level	N/A	<258	N/A	23791
80	Wall 2nd Level	N/A	<258	N/A	2909
81	Wall 1st Level	N/A	<258	N/A	1023
82	Wall 1st Level	N/A	<258	N/A	<745
83	Wall 1st Level	N/A	<258	N/A	<745
84	Wall 1st Level	N/A	<258	N/A	<745
85	Wall 1st Level	N/A	<258	N/A	1886
86	Wall 1st Level	N/A	<258	N/A	<745
87	Wall 1st Level	N/A	<258	N/A	1691
88	Wall 1st Level	N/A	<258	N/A	1132
89	Wall 1st Level	N/A	<258	N/A	900
90	Wall 1st Level	N/A	<258	N/A	<745
91	Wall 1st Level	N/A	<258	N/A	20132
92	Wall 1st Level	N/A	<258	N/A	5664
93	Wall 1st Level	N/A	<258	N/A	5395
94	Wall 1st Level	N/A	<258	N/A	5023
95	N/A	N/A	N/A	N/A	N/A
96	N/A	N/A	N/A	N/A	N/A
97	N/A	N/A	N/A	N/A	N/A
98	N/A	N/A	N/A	N/A	N/A
99	N/A	N/A	N/A	N/A	N/A
100	N/A	N/A	N/A	N/A	N/A
101	N/A	N/A	N/A	N/A	N/A
102	N/A	N/A	N/A	N/A	N/A
103	N/A	N/A	N/A	N/A	N/A
104	N/A	N/A	N/A	N/A	N/A
105	N/A	N/A	N/A	N/A	N/A
106	N/A	N/A	N/A	N/A	N/A
107	N/A	N/A	N/A	N/A	N/A
108	N/A	N/A	N/A	N/A	N/A
109	N/A	N/A	N/A	N/A	N/A
110	N/A	N/A	N/A	N/A	N/A
111	N/A	N/A	N/A	N/A	N/A
112	N/A	N/A	N/A	N/A	N/A
113	N/A	N/A	N/A	N/A	N/A
114	N/A	N/A	N/A	N/A	N/A
115	N/A	N/A	N/A	N/A	N/A
116	N/A	N/A	N/A	N/A	N/A
117	N/A	N/A	N/A	N/A	N/A

Building: 444
Location: Elevator Shaft Small
Purpose: Post pressure wash and Pre-Fixative Survey

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Date: 1/19/05
Time: 2:00 PM



142/814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	821	Serial #	1156	Serial #	2316
Cal Due	3/29/05	Cal Due	3/22/05	Cal Due	6/28/05
Bkg.	0.3 cpm α	Bkg.	0.6 cpm α	Bkg.	3 cpm α
Eff.	33 %	Eff.	33 %	Eff.	17 %
MDA	20 dpm α	MDA	20 dpm α	MDA	94 dpm α
Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	694	Serial #	706	Serial #	2316
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	6/28/05
Bkg.	40 cpm β	Bkg.	42.6 cpm β	Bkg.	898 cpm β
Eff.	14 %	Eff.	14 %	Eff.	22 %
MDA	258 dpm β	MDA	258 dpm β	MDA	745 dpm β

SURVEY TRACKING #: 444-ELE-02

Survey Type: CONTAMINATION Page 1 of 5

Building: 444

Location: Elevator Shaft ACCESS FROM Rm 3 Elevator #2

Purpose: Post pressure wash PRE Fix

RWP #: N/A

Date: 1/17/05 Time: 10:45

RCT: [redacted]

Print Name	Signature	Emp. #
N/A	N/A	N/A

PRN/REN:

Comments: Isotope of Concern U-238. Shaft below basement floor not surveyed due to filled with water.

SURVEY RESULTS

COPY

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Ceiling	N/A	<258	N/A	<745
2	Ceiling	N/A	<258	N/A	<745
3	Ceiling	N/A	<258	N/A	<745
4	Ceiling	N/A	<258	N/A	<745
5	Ceiling	N/A	<258	N/A	<745
6	Ceiling	N/A	<258	N/A	<745
7	North shaft wall	N/A	<258	N/A	<745
8	North shaft wall	N/A	<258	N/A	<745
9	North shaft wall	N/A	<258	N/A	<745
10	North shaft wall	N/A	<258	N/A	<745
11	North shaft wall	N/A	<258	N/A	<745
12	North shaft wall	N/A	<258	N/A	<745
13	North shaft wall	N/A	<258	N/A	<745
14	North shaft wall	N/A	<258	N/A	<745
15	North shaft wall	N/A	<258	N/A	<745
16	North shaft wall	N/A	<258	N/A	<745
17	North shaft wall	N/A	<258	N/A	<745
18	North shaft wall	N/A	<258	N/A	<745
19	North shaft wall	N/A	<258	N/A	<745
20	North shaft wall	N/A	<258	N/A	<745
21	North shaft wall	N/A	<258	N/A	<745
22	North shaft wall	N/A	<258	N/A	<745
23	North shaft wall	N/A	<258	N/A	<745
24	North shaft wall	N/A	<258	N/A	<745
25	North shaft wall	N/A	<258	N/A	<745

Date Reviewed: 1-18-05 RS Supervision: [redacted]

3-PRO-164-RSP-07.01 (effective 7/12/01)

143/814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Elevator shaft
Purpose: Post pressure wash

RADIOLOGICAL SAFETY

Date: 1/17/05
Time: 10:45 AM

COPY

#	Description	REMOVABLE DPM/100 CM²		DIRECT DPM/100 CM²	
		ALPHA	BETA	ALPHA	BETA
26	North shaft wall	N/A	<258	N/A	<745
27	North shaft wall	N/A	<258	N/A	<745
28	North shaft wall	N/A	<258	N/A	<745
29	North shaft wall	N/A	<258	N/A	<745
30	North shaft wall	N/A	<258	N/A	<745
31	North shaft wall	N/A	<258	N/A	<745
32	North shaft wall	N/A	<258	N/A	<745
33	North shaft wall	N/A	<258	N/A	<745
34	North shaft wall	N/A	<258	N/A	<745
35	North shaft wall	N/A	<258	N/A	<745
36	North shaft wall	N/A	<258	N/A	<745
37	North shaft wall	N/A	<258	N/A	<745
38	North shaft wall	N/A	<258	N/A	<745
39	North shaft wall	N/A	<258	N/A	<745
40	North shaft wall	N/A	<258	N/A	<745
41	North shaft wall	N/A	<258	N/A	<745
42	North shaft wall	N/A	<258	N/A	<745
43	East shaft wall	N/A	<258	N/A	<745
44	East shaft wall	N/A	<258	N/A	<745
45	East shaft wall	N/A	<258	N/A	<745
46	East shaft wall	N/A	<258	N/A	<745
47	East shaft wall	N/A	<258	N/A	<745
48	East shaft wall	N/A	<258	N/A	<745
49	East shaft wall	N/A	<258	N/A	<745
50	East shaft wall	N/A	<258	N/A	<745
51	East shaft wall	N/A	<258	N/A	<745
52	East shaft wall	N/A	<258	N/A	<745
53	East shaft wall	N/A	<258	N/A	**10500**
54	East shaft wall	N/A	<258	N/A	**9000**
55	East shaft wall	N/A	<258	N/A	**8000**
56	East shaft wall	N/A	<258	N/A	**11750**
57	East shaft wall	N/A	<258	N/A	**5750**
58	East shaft wall	N/A	<258	N/A	**10000**
59	East shaft wall	N/A	<258	N/A	<745
60	East shaft wall	N/A	<258	N/A	<745
61	East shaft wall	N/A	<258	N/A	<745
62	East shaft wall	N/A	<258	N/A	<745
63	East shaft wall	N/A	<258	N/A	**28000**
64	East shaft wall	N/A	<258	N/A	**21000**
65	East shaft wall	N/A	<258	N/A	**12250**
66	East shaft wall	N/A	<258	N/A	**29000**
67	East shaft wall	N/A	<258	N/A	**38000**
68	East shaft wall	N/A	<258	N/A	**15500**
69	East shaft wall	N/A	<258	N/A	<745
70	East shaft wall	N/A	<258	N/A	<745
71	East shaft wall	N/A	<258	N/A	<745

Building: 444 **RADIOLOGICAL SAFETY** Page 3 of 5

Location: Elevator shaft Date: 1/17/05

Purpose: Post pressure wash Time: 10:45 AM

COPY

#	Description	REMOVABLE DPM/100 CM²		DIRECT DPM/100 CM²	
		ALPHA	BETA	ALPHA	BETA
72	East shaft wall	N/A	<258	N/A	<745
73	South shaft wall	N/A	<258	N/A	<745
74	South shaft wall	N/A	<258	N/A	<745
75	South shaft wall	N/A	<258	N/A	<745
76	South shaft wall	N/A	<258	N/A	<745
77	South shaft wall	N/A	<258	N/A	<745
78	South shaft wall	N/A	<258	N/A	<745
79	South shaft wall	N/A	<258	N/A	<745
80	South shaft wall	N/A	<258	N/A	<745
81	South shaft wall	N/A	<258	N/A	<745
82	South shaft wall	N/A	<258	N/A	<745
83	South shaft wall	N/A	<258	N/A	<745
84	South shaft wall	N/A	<258	N/A	<745
85	South shaft wall	N/A	<258	N/A	<745
86	South shaft wall	N/A	<258	N/A	<745
87	South shaft wall	N/A	<258	N/A	<745
88	South shaft wall	N/A	<258	N/A	<745
89	South shaft wall	N/A	<258	N/A	<745
90	South shaft wall	N/A	<258	N/A	<745
91	South shaft wall	N/A	<258	N/A	<745
92	South shaft wall	N/A	<258	N/A	<745
93	South shaft wall	N/A	<258	N/A	<745
94	South shaft wall	N/A	<258	N/A	<745
95	South shaft wall	N/A	<258	N/A	<745
96	South shaft wall	N/A	<258	N/A	<745
97	South shaft wall	N/A	<258	N/A	<745
98	South shaft wall	N/A	<258	N/A	<745
99	South shaft wall	N/A	<258	N/A	<745
100	South shaft wall	N/A	<258	N/A	<745
101	South shaft wall	N/A	<258	N/A	<745
102	South shaft wall	N/A	<258	N/A	<745
103	South shaft wall	N/A	<258	N/A	<745
104	South shaft wall	N/A	<258	N/A	<745
105	South shaft wall	N/A	<258	N/A	<745
106	South shaft wall	N/A	<258	N/A	<745
107	South shaft wall	N/A	<258	N/A	<745
108	South shaft wall	N/A	<258	N/A	<745
109	West shaft wall	N/A	<258	N/A	<745
110	West shaft wall	N/A	<258	N/A	<745
111	West shaft wall	N/A	<258	N/A	<745
112	West shaft wall	N/A	<258	N/A	<745
113	West shaft wall	N/A	<258	N/A	<745
114	West shaft wall	N/A	<258	N/A	<745
115	West shaft wall	N/A	<258	N/A	<745
116	West shaft wall	N/A	<258	N/A	<745
117	West shaft wall	N/A	<258	N/A	<745

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444

Location: Elevator shaft

Purpose: Post pressure wash

RADIOLOGICAL SAFETY

Date: 1/17/05

Time: 10:45 AM

COPY

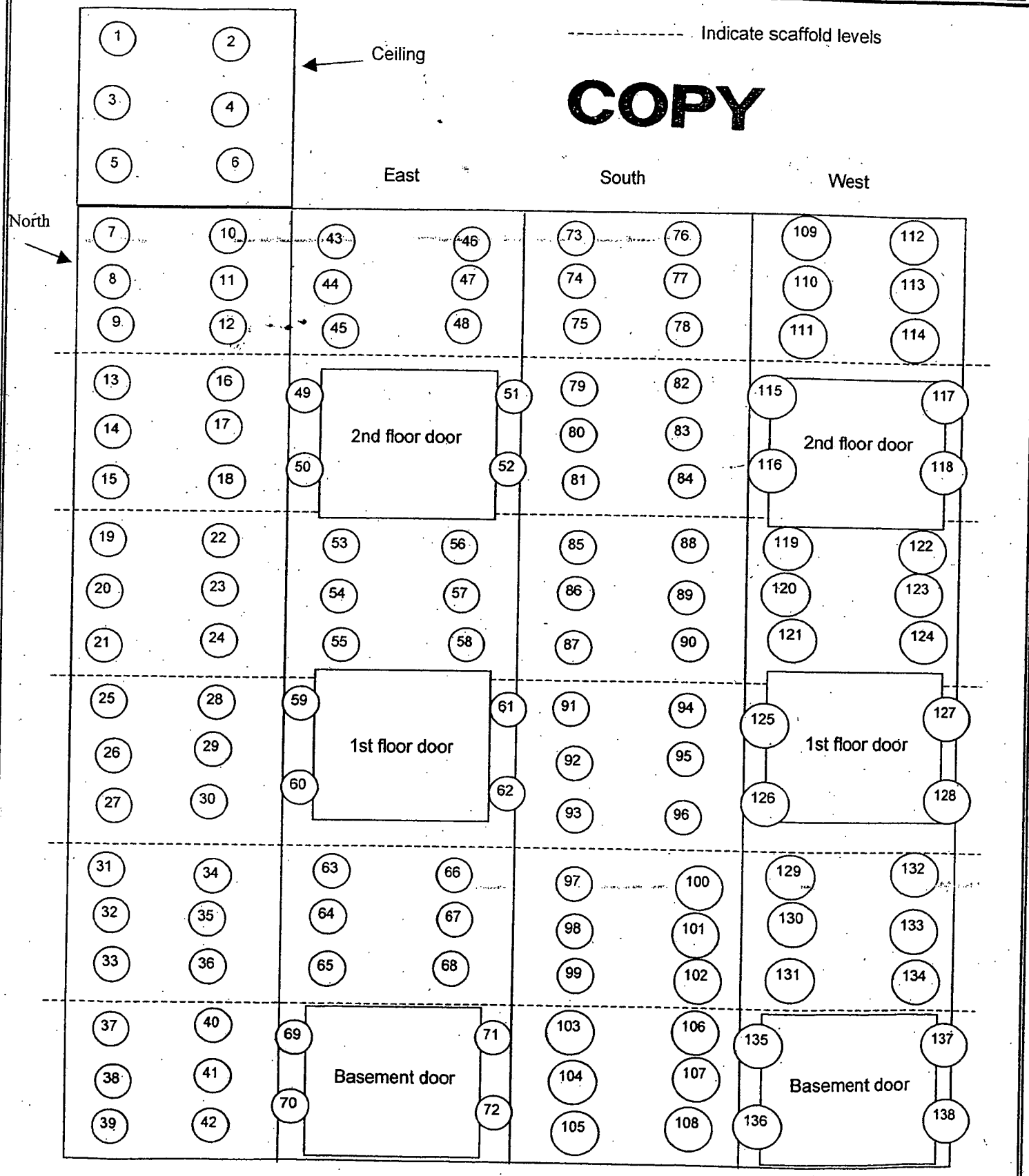
#	Description	REMOVABLE DPM/100 CM²		DIRECT DPM/100 CM²	
		ALPHA	BETA	ALPHA	BETA
118	West shaft wall	N/A	<258	N/A	<745
119	West shaft wall	N/A	<258	N/A	**23500**
120	West shaft wall	N/A	<258	N/A	**10500**
121	West shaft wall	N/A	<258	N/A	**6500**
122	West shaft wall	N/A	<258	N/A	**11000**
123	West shaft wall	N/A	<258	N/A	**10000**
124	West shaft wall	N/A	<258	N/A	**6500**
125	West shaft wall	N/A	<258	N/A	<745
126	West shaft wall	N/A	<258	N/A	<745
127	West shaft wall	N/A	<258	N/A	<745
128	West shaft wall	N/A	<258	N/A	<745
129	West shaft wall	N/A	<258	N/A	**11000**
130	West shaft wall	N/A	<258	N/A	**3750**
131	West shaft wall	N/A	<258	N/A	**8500**
132	West shaft wall	N/A	<258	N/A	**9500**
133	West shaft wall	N/A	<258	N/A	**3250**
134	West shaft wall	N/A	<258	N/A	**6750**
135	West shaft wall	N/A	<258	N/A	<745
136	West shaft wall	N/A	<258	N/A	<745
137	West shaft wall	N/A	<258	N/A	<745
138	West shaft wall	N/A	<258	N/A	<745
139	N/A	N/A	N/A	N/A	N/A
140	N/A	N/A	N/A	N/A	N/A
141	N/A	N/A	N/A	N/A	N/A
142	N/A	N/A	N/A	N/A	N/A
143	N/A	N/A	N/A	N/A	N/A
144	N/A	N/A	N/A	N/A	N/A
145	N/A	N/A	N/A	N/A	N/A
146	N/A	N/A	N/A	N/A	N/A
147	N/A	N/A	N/A	N/A	N/A
148	N/A	N/A	N/A	N/A	N/A
149	N/A	N/A	N/A	N/A	N/A
150	N/A	N/A	N/A	N/A	N/A
151	N/A	N/A	N/A	N/A	N/A
152	N/A	N/A	N/A	N/A	N/A
153	N/A	N/A	N/A	N/A	N/A
154	N/A	N/A	N/A	N/A	N/A
155	N/A	N/A	N/A	N/A	N/A
156	N/A	N/A	N/A	N/A	N/A
157	N/A	N/A	N/A	N/A	N/A
158	N/A	N/A	N/A	N/A	N/A
159	N/A	N/A	N/A	N/A	N/A
160	N/A	N/A	N/A	N/A	N/A
161	N/A	N/A	N/A	N/A	N/A
162	N/A	N/A	N/A	N/A	N/A
163	N/A	N/A	N/A	N/A	N/A

Building: 444
Location: Elevator Shaft
Purpose: Post pressure wash

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Date: 1/17/05
Time: 10:45 AM



ATTACHMENT B-10

VIA 5 POST-FIXATIVE LLW SURVEY FORMS

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg. N/A	Mfg. N/A	Mfg. NE Electra
Model	Model	Model DP-6
Serial #	Serial #	Serial # 1423
Cal Due	Cal Due	Cal Due 2/28/05
Bkg. cpm α	Bkg. cpm α	Bkg. 4 cpm α
Eff. %	Eff. %	Eff. 17 %
MDA N/A dpm α	MDA N/A dpm α	MDA 94 dpm α
Mfg. N/A	Mfg. N/A	Mfg. NE Electra
Model	Model	Model DP-6
Serial #	Serial #	Serial # 1423
Cal Due	Cal Due	Cal Due 2/28/05
Bkg. cpm β	Bkg. cpm β	Bkg. 827 cpm β
Eff. %	Eff. %	Eff. 22 %
MDA N/A dpm β	MDA N/A dpm β	MDA 745 dpm β

Survey tracking #: 444-V1A4-06

Survey Type: CONTAMINATION Page 1 of 1

Building: 444

Location: Rm 101 ventilation holes ? Rm 107

Purpose: Resurvey (Post Cleaning)

RWP #: N/A

COPY

Date: 2/7/05 Time: 10:45

RCT: [redacted]

RCT:	N/A	N/A	N/A
	Print Name	Signature	Emp. #

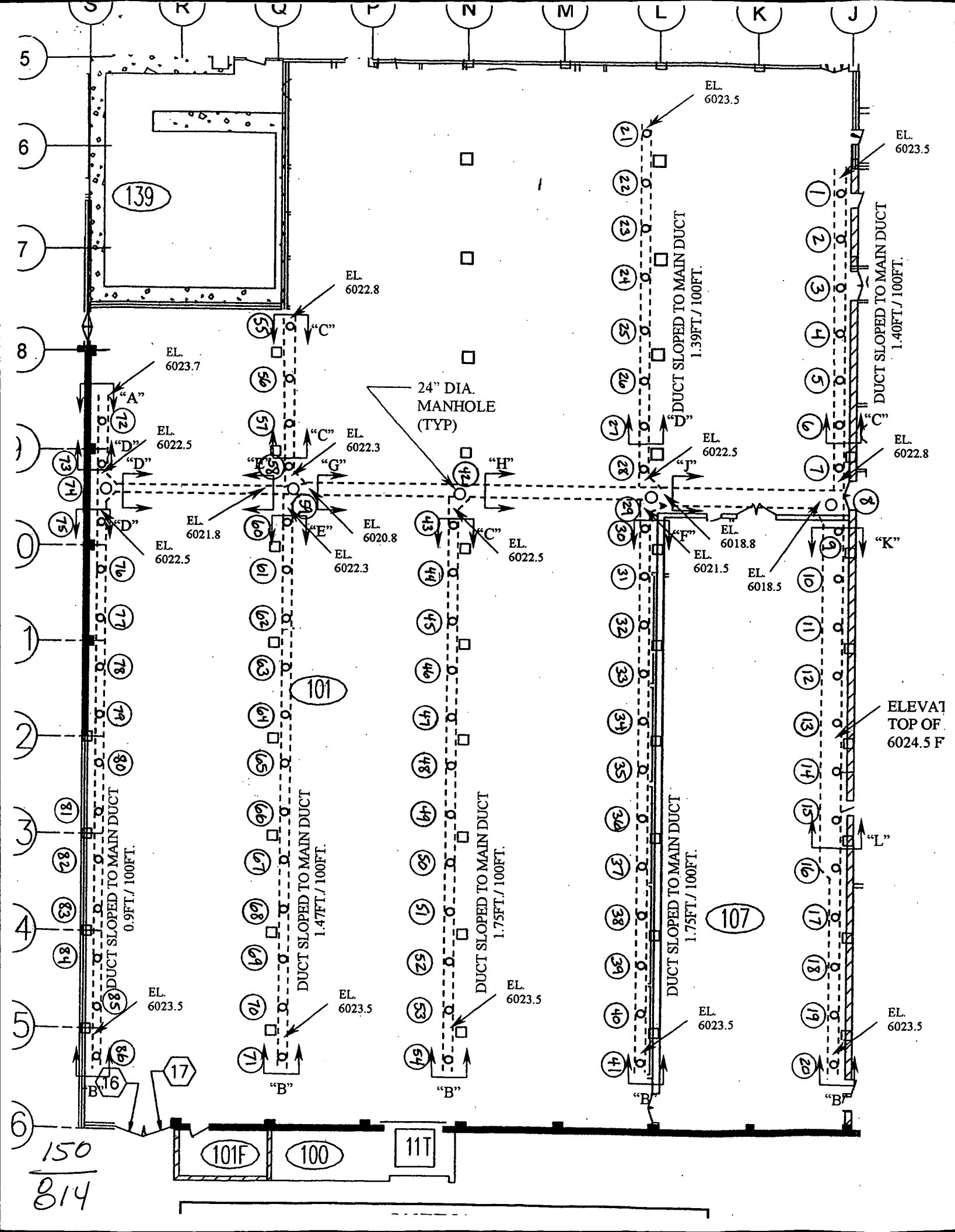
PRN/REN: N/A

Comments: Isotope of Concern U-238.See attached survey. Type of surface on all locations appears to be smooth concrete with fixative applied.

SURVEY RESULTS

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Location 3 on attached survey.	N/A	N/A	N/A	<745
2	Location 5 on attached survey.	N/A	N/A	N/A	23515
3	Location 18 on attached survey.	N/A	N/A	N/A	133500
4	Location 22 on attached survey.	N/A	N/A	N/A	<745
5	Location 36 on attached survey.	N/A	N/A	N/A	<745
6	Location 42 on attached survey.	N/A	N/A	N/A	145000
7	Location 47 on attached survey.	N/A	N/A	N/A	15900
8	Location 50 on attached survey.	N/A	N/A	N/A	239000
9	Location 58 on attached survey.	N/A	N/A	N/A	3750
10	Location 59 on attached survey.	N/A	N/A	N/A	45625
11	Location 64 on attached survey.	N/A	N/A	N/A	83000
12	Location 66 on attached survey.	N/A	N/A	N/A	60000
13	Location 69 on attached survey.	N/A	N/A	N/A	32625
14	Location 70 on attached survey.	N/A	N/A	N/A	25000
15	Location 71 on attached survey.	N/A	N/A	N/A	43385
16	Location 74 on attached survey.	N/A	N/A	N/A	278000
17	Location 76 on attached survey.	N/A	N/A	N/A	1030000
18	Location 83 on attached survey.	N/A	N/A	N/A	388000
19	Location 85 on attached survey.	N/A	N/A	N/A	418500
20	Location 86 on attached survey.	N/A	N/A	N/A	550000
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A
24	N/A	N/A	N/A	N/A	N/A
25	N/A	N/A	N/A	N/A	N/A

Date Reviewed: 2-7-05 **RS Superv** [redacted]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"B"
"C"
"D"
"E"
"F"
"G"
"H"
"J"
"K"
"L"
24" DIA. MANHOLE (TYP)
DUCT SLOPED TO MAIN DUCT 1.39FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 1.40FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 0.9FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 1.47FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 1.75FT./ 100FT.
DUCT SLOPED TO MAIN DUCT 1.75FT./ 100FT.
ELEVAT
TOP OF
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COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	N/A
Model	SAC-4	Model	SAC-4	Model	N/A
Serial #	763	Serial #	821	Serial #	N/A
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	N/A
Bkg	0.2 cpmα	Bkg	0.6 cpmα	Bkg	N/A cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	N/A %
MDA	20 dpmα	MDA	20 dpmα	MDA	N/A dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	N/A
Model	BC-4	Model	BC-4	Model	N/A
Serial #	694	Serial #	706	Serial #	N/A
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	N/A
Bkg	40.1 cpmβ	Bkg	32.1 cpmβ	Bkg	N/A cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	N/A %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	N/A dpmβ

Survey tracking #: 444-VIA4-07

Survey Type: Alpha & Beta Contamination

Building: 444

Location: Room 101 ventilation tunnels ? Rm 107

Purpose: post fixative

RWP #: 05-444-0002

Date: 2/9/05 Time: 9:00

RCT: [redacted]

Print name / Signature / Emp. #

RCT: N/A / N/A / N/A

Print name / Signature / Emp. #

PRN/REN # : N/A

Comments: Isotope of concern U-238. Survey is post fixative for ventilation tunnels in Room 101 slab. Sample point 29 has no fixative applied. See attached map.

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Sample Point 1	<20	N/A	N/A	<258	N/A	N/A
2	Sample Point 2	<20			<258		
3	Sample Point 3	<20			<258		
4	Sample Point 4	<20			<258		
5	Sample Point 5	<20			<258		
6	Sample Point 6	<20			<258		
7	Sample Point 7	<20			<258		
8	Sample Point 8	<20			<258		
9	Sample Point 9	27			<258		
10	Sample Point 10	<20			<258		
11	Sample Point 11	<20			<258		
12	Sample Point 12	<20			<258		
13	Sample Point 13	<20			<258		
14	Sample Point 14	<20			<258		
15	Sample Point 15	<20			<258		
16	Sample Point 16	111			5014		
17	Sample Point 17	<20			<258		
18	Sample Point 18	<20			<258		
19	Sample Point 19	<20			<258		
20	Sample Point 20	[redacted]					

Date Reviewed: 2-9-05 **RS Supervision:** [redacted]

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COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
21	Sample Point 21	<20	N/A	N/A	<258	N/A	N/A
22	Sample Point 22	<20			<258		
23	Sample Point 23	<20			<258		
24	Sample Point 24	<20			<258		
25	Sample Point 25	<20			<258		
26	Sample Point 26	<20			<258		
27	Sample Point 27	<20			<258		
28	Sample Point 28	<20			<258		
29	Sample Point 29	**33**			<258		
30	Sample Point 30	<20			<258		
31	Sample Point 31	<20			<258		
32	Sample Point 32	<20			<258		
33	Sample Point 33	<20			<258		
34	Sample Point 34	<20			<258		
35	Sample Point 35	<20			<258		
36	Sample Point 36	<20			<258		
37	Sample Point 37	<20			<258		
38	Sample Point 38	<20			<258		
39	Sample Point 39	<20			<258		
40	Sample Point 40	<20			<258		
41	Sample Point 41	<20			<258		
42	Sample Point 42	**54**			**293**		
43	Sample Point 43	<20			<258		
44	Sample Point 44	<20			<258		
45	Sample Point 45	<20			<258		
46	Sample Point 46	<20			<258		
47	Sample Point 47	<20			<258		
48	Sample Point 48	<20			<258		
49	Sample Point 49	<20			<258		
50	Sample Point 50	<20			<258		
51	Sample Point 51	<20			<258		
52	Sample Point 52	<20			<258		
53	Sample Point 53	<20			<258		
54	Sample Point 54	<20			<258		
55	Sample Point 55	**36**			<258		
56	Sample Point 56	<20			<258		
57	Sample Point 57	<20			<258		
58	Sample Point 58	<20			<258		
59	Sample Point 59	<20			<258		
60	Sample Point 60	<20			<258		
61	Sample Point 61	<20			<258		
62	Sample Point 62	<20	▼	▼	<258	▼	▼
63	Sample Point 63	<20	N/A	N/A	<258	N/A	N/A

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
64	Sample Point 64	<20	N/A	N/A	<258	N/A	N/A
65	Sample Point 65	<20			<258		
66	Sample Point 66	<20			<258		
67	Sample Point 67	<20			<258		
68	Sample Point 68	<20			<258		
69	Sample Point 69	<20			<258		
70	Sample Point 70	<20			<258		
71	Sample Point 71	<20			<258		
72	Sample Point 72	<20			<258		
73	Sample Point 73	<20			<258		
74	Sample Point 74	<20			<258		
75	Sample Point 75	<20			<258		
76	Sample Point 76	<20			<258		
77	Sample Point 77	<20			<258		
78	Sample Point 78	<20			<258		
79	Sample Point 79	<20			<258		
80	Sample Point 80	**99**			**986**		
81	Sample Point 81	<20			<258		
82	Sample Point 82	**39**			**350**		
83	Sample Point 83	<20			<258		
84	Sample Point 84	**36**			**500**		
85	Sample Point 85	**30**			**586**		
86	Sample Point 86	**33**			<258		
87	N/A	N/A			N/A		
88							
89							
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106	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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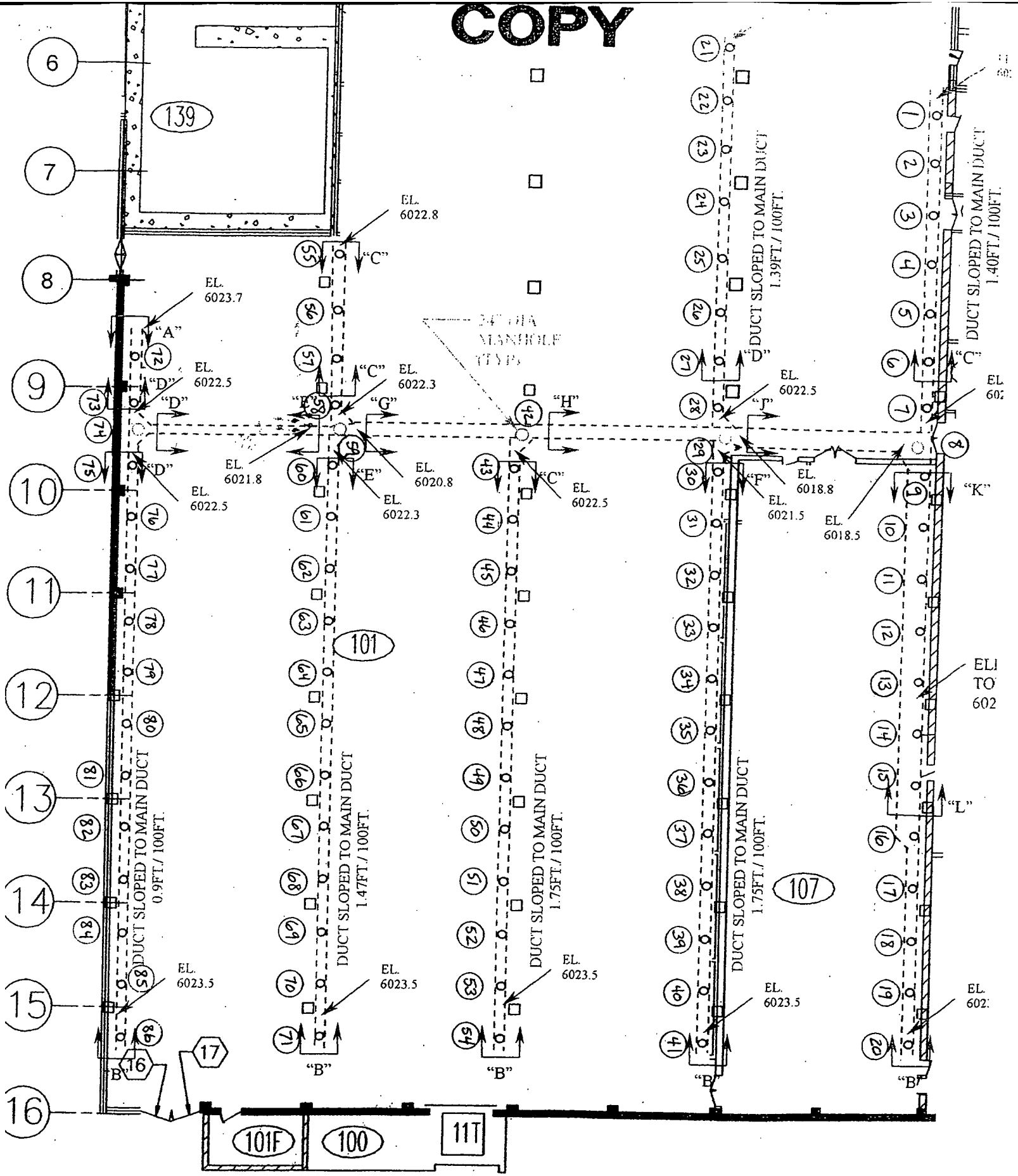

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SKETCH 1
PLAN VIEW OF BLDG 444 ROOMS 101 & 107
SHOWING UNDERFLOOR DUCTS

Rev 2.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	NE Electra	Mfg.	NE Electra
Model	BC 4	Model	DP-6	Model	DP-6
Serial #	704	Serial #	3254	Serial #	1235
Cal Due	10/14/05	Cal Due	7/4/05	Cal Due	3/16/05
Bkg	42.5 cpmβ	Bkg	3.0 cpmα	Bkg	3.0 cpmα
Efficiency	14.00 %	Efficiency	22.50 %	Efficiency	22.20 %
MDA	258 dpmβ	MDA	48 dpmα	MDA	48 dpmα
Mfg.	Eberline	Mfg.	NE Electra	Mfg.	NE Electra
Model	BC 4	Model	DP-6	Model	DP-6
Serial #	843	Serial #	3254	Serial #	1235
Cal Due	10/4/05	Cal Due	7/4/05	Cal Due	3/16/05
Bkg	40.8 cpmβ	Bkg	819.0 cpmβ	Bkg	739.0 cpmβ
Efficiency	14.00 %	Efficiency	22.00 %	Efficiency	22.00 %
MDA	258 dpmβ	MDA	745 dpmβ	MDA	745 dpmβ

Survey Tracking # ~~N/A~~ 444-U1A5-006

Survey Type: Contamination

Building: 444

Location: Staircases

Purpose: Post-fix LLW Characterization

RWP #: N/A

Date: 2/24/05 Time: 1530

RC [redacted]

RC [redacted]

PRN/REN # : N/A

Comments: Nuclides of concern is Depleted Uranium (DU). Survey performed to chacterize stairways for LLW after fixative was applied. Performed direct,swipe, and wipe surveys of both stairways leading from basement to second floor. Beta efficiency listed reflects correction for DU. Calibrated efficiency for both BC-4 # 843 and BC-4 #707 is 25.0% , for Electra #1235 is 31.6%, and Electra #3254 is 31.5%.

SURVEY RESULTS

	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
#		dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
1	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
2	Stair Risers	N/A	N/A	N/A	<258	2000	<745
3	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
4	Stair Risers	N/A	N/A	N/A	<258	**5000**	<745
5	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
6	Stair Risers	N/A	N/A	N/A	<258	4000	<745
7	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
8	Stair Risers	N/A	N/A	N/A	<258	**6000**	<745
9	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
10	Stair Risers	N/A	N/A	N/A	<258	<745	<745
11	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
12	Stair Risers	N/A	N/A	N/A	<258	<745	<745
13	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
14	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
15	Stair Risers	N/A	N/A	N/A	<258	3000	<745
16	Handrail	N/A	N/A	N/A	<258	<745	<745
17	Under side of stairs	N/A	N/A	N/A	<258	<745	<745
18	Stair Risers	N/A	N/A	N/A	<258	**100,000**	<745
19	Stair Risers	N/A	N/A	N/A	<258	**25,000**	<745
20	Stair Risers	N/A	N/A	N/A	<258	N/A	<745

Date Reviewed: 2-25-05 RS Supervision: [redacted]

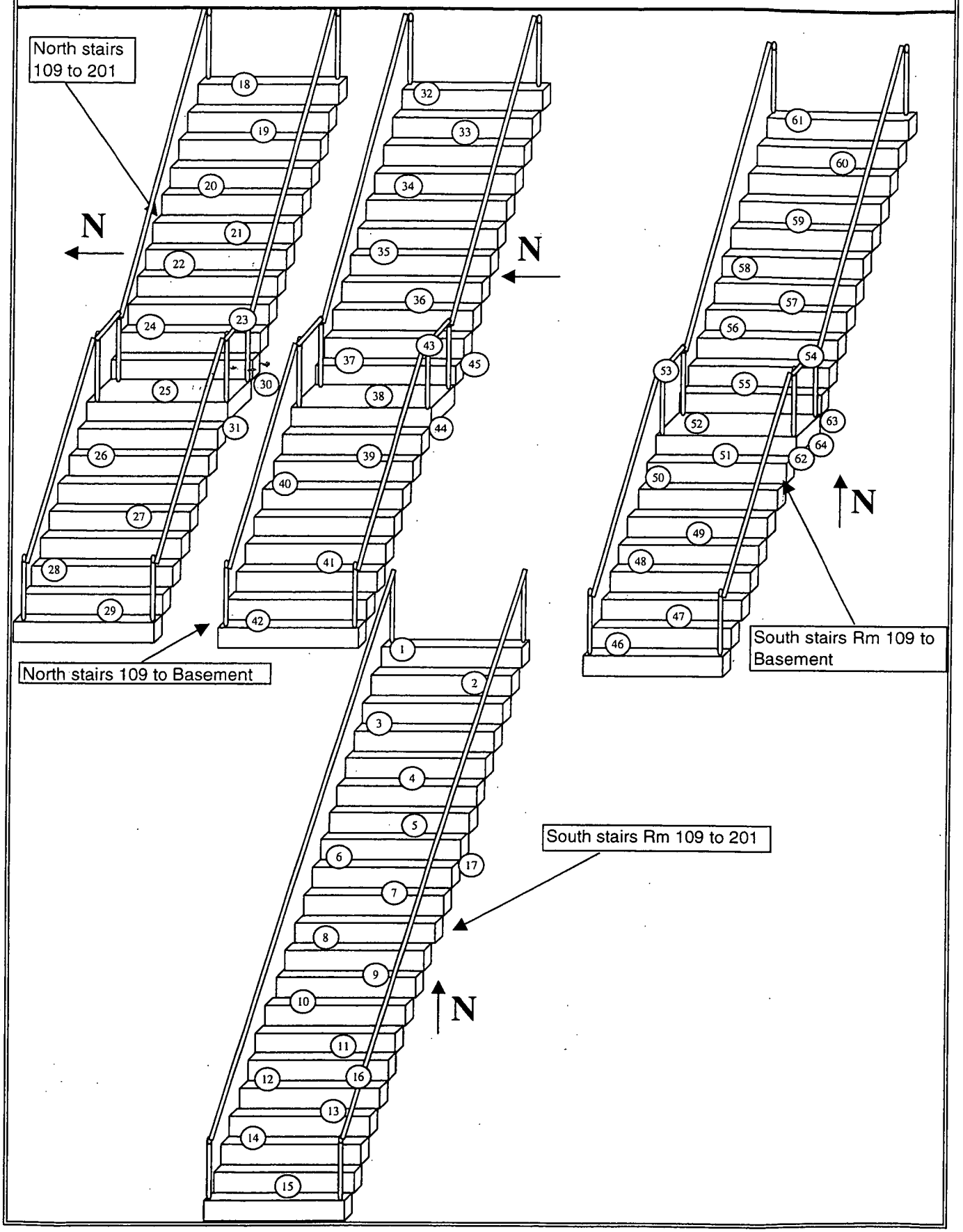
Rev 2.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
#		dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
21	Stair Risers	N/A	N/A	N/A	<258	**20,000**	<745
22	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
23	Handrail	N/A	N/A	N/A	<258	<745	<745
24	Stair Risers	N/A	N/A	N/A	<258	**40,000**	<745
25	Landing	N/A	N/A	N/A	<258	**50,000**	<745
26	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
27	Stair Risers	N/A	N/A	N/A	<258	**28,000**	<745
28	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
29	Stair Risers	N/A	N/A	N/A	<258	**30,000**	<745
30	Under side of stairs	N/A	N/A	N/A	<258	<745	<745
31	Under side of stairs	N/A	N/A	N/A	<258	N/A	<745
32	Stair Risers	N/A	N/A	N/A	<258	4000	<745
33	Stair Risers	N/A	N/A	N/A	<258	**5000**	<745
34	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
35	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
36	Stair Risers	N/A	N/A	N/A	<258	**6000**	<745
37	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
38	Landing	N/A	N/A	N/A	<258	**7000**	<745
39	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
40	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
41	Stair Risers	N/A	N/A	N/A	<258	**10,000**	<745
42	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
43	Handrail	N/A	N/A	N/A	<258	<745	<745
44	Under side of stairs	N/A	N/A	N/A	<258	<745	<745
45	Under side of stairs	N/A	N/A	N/A	<258	N/A	<745
46	Stair Risers	N/A	N/A	N/A	<258	2000	<745
47	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
48	Stair Risers	N/A	N/A	N/A	<258	**5000**	<745
49	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
50	Stair Risers	N/A	N/A	N/A	<258	**7500**	<745
51	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
52	Landing	N/A	N/A	N/A	<258	**6500**	<745
53	Handrail	N/A	N/A	N/A	<258	N/A	<745
54	Handrail	N/A	N/A	N/A	<258	<745	<745
55	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
56	Stair Risers	N/A	N/A	N/A	<258	**5000**	<745
57	Stair Risers	N/A	N/A	N/A	<258	2000	<745
58	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
59	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
60	Stair Risers	N/A	N/A	N/A	<258	**10,000**	<745
61	Stair Risers	N/A	N/A	N/A	<258	N/A	<745
62	Under side of stairs	N/A	N/A	N/A	<258	<745	<745
63	Under side of stairs	N/A	N/A	N/A	<258	N/A	<745
64	Under side of stairs	N/A	N/A	N/A	<258	<745	<745
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE



ATTACHMENT B-11

VIA 6 PPE-FIXATIVE LLW SURVEY FORMS

444-U1A6-01

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	NE	Mfg.	Eberline	Mfg.	N/A
Model	Electra	Model	SAC-4	Model	N/A
Serial#	2314	Serial#	763	Serial#	N/A
Cal Due	1/29/05	Cal Due	3/20/05	Cal Due	N/A
Bkg. α	4 cpm	Bkg. α	0.3 cpm	Bkg. α	N/A
Efficiency	17%	Efficiency	33%	Efficiency	N/A
MDA	94 dpm	MDA	20 dpm	MDA	N/A
Mfg. ELECTRA	NE	Mfg.	Eberline	Mfg.	N/A
Model	2314	Model	BC-4	Model	N/A
Serial#	~~1/29/05~~	Serial#	694	Serial#	N/A
Cal Due	1/29/05	Cal Due	7/23/05	Cal Due	N/A
Bkg. β	665 cpm	Bkg. β	38.5 cpm	Bkg. β	N/A
Efficiency	22%	Efficiency	14%	Efficiency	N/A
MDA	745 dpm	MDA	258 dpm	MDA	N/A

NA 12-13-04

Survey Type: Beta/Gamma Contamination

Building: 444

Location: Room 1 & 7, 7B

Purpose: Contamination Pre-fix

RWP #: 04-444-002

Date: 12/11/04 Time: 13:00:00

RCT [redacted]

Print name Signature Emp. #

RCT: N/A / N/A / N/A

Print name Signature Emp. #

PRE/REN #: N/A

Comments: Isotope of concern: U-238. Post Pressure wash survey.

COPY

SURVEY RESULTS

(Results in dpm / 100cm^2)

Swipe #	Location	Swipe alpha	Swipe beta	Wipe alpha	Wipe beta	Direct alpha	Direct beta
1	Room 1 West wall @ 8 ft	<20	<258	N/A	N/A	<94	<745
2	Room 1 North wall @ 8 ft	<20	<258	N/A	N/A	70	1600
3	Room 1 North wall @ 8 ft	<20	<258	N/A	N/A	<94	800
4	Room 1 Overhead	<20	<258	N/A	N/A	<94	750
5	Room 1 Overhead	<20	<258	N/A	N/A	41	<745
6	Room 1 North Wall @ 8ft	<20	<258	N/A	N/A	70	4673
7	Room 1 East Wall @ 8ft	<20	<258	N/A	N/A	<94	4541
8	Room 1 South Wall @ 8ft	<20	<258	N/A	N/A	<94	3746
9	Room 1 South Wall @ 8ft	<20	<258	N/A	N/A	<94	3999
10	Room 1 Overhead	<20	<258	N/A	N/A	<94	4391
11	Room 1 Floor	<20	<258	N/A	N/A	141	7391
12	Room 1 Floor	<20	<258	N/A	N/A	<94	1941
13	Room 1 Floor	<20	<258	N/A	N/A	<94	5695
14	Room 1 Floor	<20	<258	N/A	N/A	141	3450
15	Room 1 Floor	<20	<258	N/A	N/A	<94	2205
16	Room 7 North wall @ 8 ft	<20	<258	N/A	N/A	<94	N/A
17	Room 7 North wall @ 8 ft	<20	<258	N/A	N/A	<94	<745
18	Room 7 East wall @ 8 ft	<20	<258	N/A	N/A	<94	1091
19	Room 7 South wall @ 8 ft	<20	<258	N/A	N/A	<94	<745
20	Room 7 Overhead	<20	<258	N/A	N/A	<94	900
21	Room 7 Overhead	<20	<258	N/A	N/A	<94	1209
22	Room 7 Overhead	<20	<258	N/A	N/A	105	1341
23	Room 7 Overhead	<20	<258	N/A	N/A	147	<745
24	Room 7 Overhead	<20	<258	N/A	N/A	<94	<745
25	N/A	[redacted]					

Date Reviewed: 12-13-04 **RS Supervision:** [redacted]

Print Name Signature Emp. #

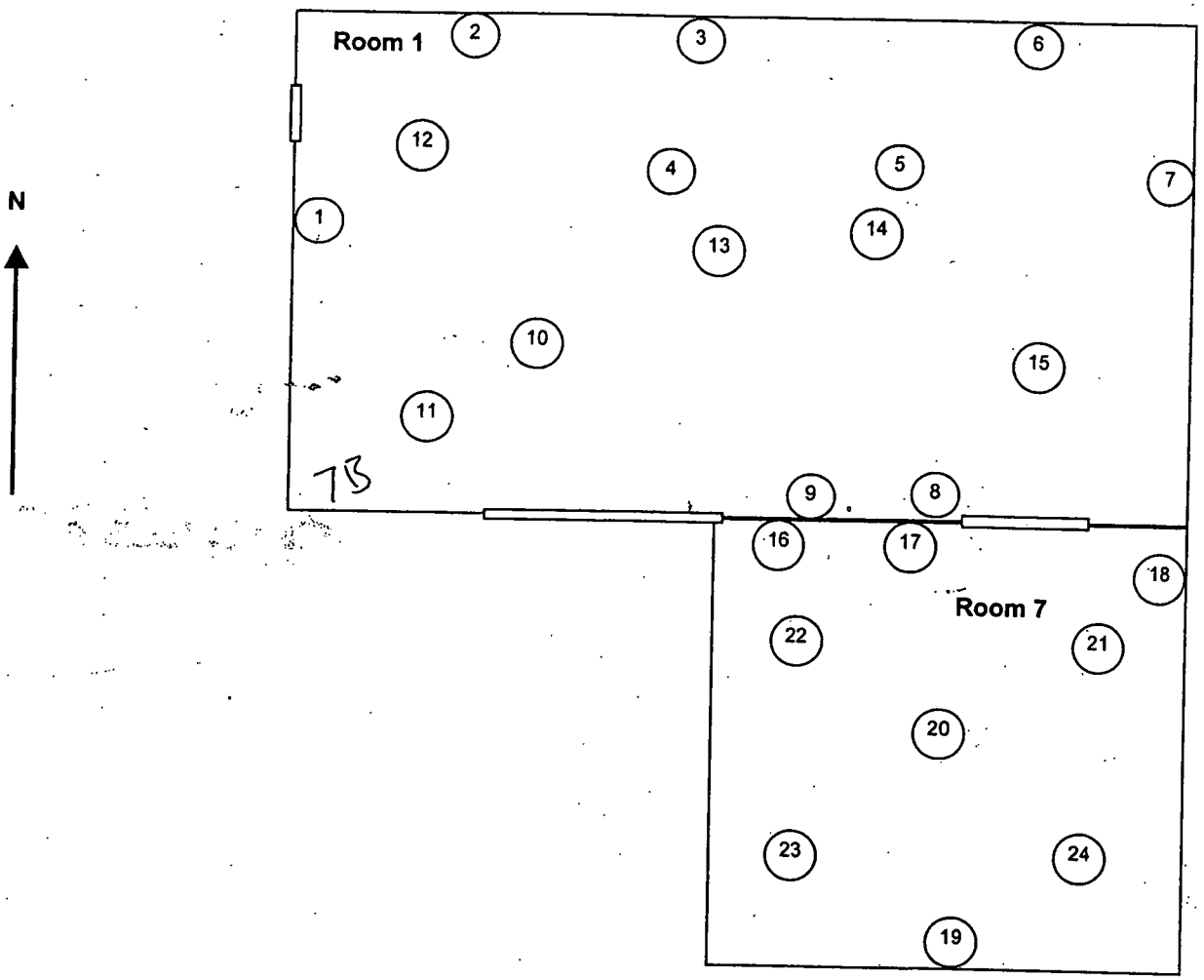
3-PRO-164-RSP-07.01 (effective 7/12/01)

159/814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

RADIOLOGICAL SAFETY

Drawing Showing Survey Points



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814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg. EBERLINE	Mfg. EBERLINE	Mfg. NE Electra
Model SAC-4	Model SAC-4	Model DP-6
Serial # 821	Serial # 1156	Serial # 2319
Cal Due 3/29/05	Cal Due 3/22/05	Cal Due 6/8/05
Bkg. 0.4 cpm α	Bkg. 0.5 cpm α	Bkg. 3 cpm α
Eff. 33 %	Eff. 33 %	Eff. 17 %
MDA 20 dpm α	MDA 20 dpm α	MDA 94 dpm α
Mfg. EBERLINE	Mfg. EBERLINE	Mfg. NE Electra
Model BC-4	Model BC-4	Model DP-6
Serial # 694	Serial # 706	Serial # 2319
Cal Due 7/23/05	Cal Due 4/30/05	Cal Due 6/8/05
Bkg. 39.7 cpm β	Bkg. 38.5 cpm β	Bkg. 933 cpm β
Eff. 14 %	Eff. 14 %	Eff. 22 %
MDA 258 dpm β	MDA 258 dpm β	MDA 745 dpm β

Survey Type: CONTAMINATION Page 1 of 3

Building: 444

Location: Rooms 2,2A,2B,3

Purpose: Post pressure wash/pre fixative

RWP #: N/A

Date: 1/20/05 Time: 10:30

RCT [redacted]

RCT:	N/A	N/A	N/A
	Print Name	Signature	Emp. #

PRN/REN: N/A

Comments: Isotope of Concern U-238.

SURVEY RESULTS

COPY

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Room 2A floor	N/A	<258	N/A	4250
2	Room 2B floor	N/A	<258	N/A	12500
3	Room 2 floor	N/A	<258	N/A	17000
4	Room 2 floor	N/A	<258	N/A	9000
5	Room 2 floor	N/A	<258	N/A	10650
6	Room 2 floor	N/A	<258	N/A	3500
7	Room 2 floor	N/A	<258	N/A	2500
8	Room 2 floor	N/A	<258	N/A	9000
9	Room 3 floor	N/A	<258	N/A	1500
10	Room 3 floor	N/A	<258	N/A	46000
11	Room 3 floor	N/A	<258	N/A	2500
12	Room 3 floor	N/A	<258	N/A	7500
13	Room 3 floor	N/A	<258	N/A	162000
14	Room 3 floor	N/A	<258	N/A	6000
15	Room 2 wall	N/A	<258	N/A	<745
16	Room 2 wall	N/A	<258	N/A	<745
17	Room 2 wall	N/A	<258	N/A	<745
18	Room 2 wall	N/A	<258	N/A	<745
19	Room 2 wall	N/A	<258	N/A	<745
20	Room 2 wall	N/A	<258	N/A	<745
21	Room 2 wall	N/A	<258	N/A	<745
22	Room 3 wall	N/A	<258	N/A	<745
23	Room 3 wall	N/A	<258	N/A	<745
24	Room 3 wall	N/A	<258	N/A	<745
25	Room 3 wall	N/A	<258	N/A	55000

Date Reviewed: 1-20-05 RS Supervision: [redacted]

3-PRO-164-RSP-07.01 (effective 7/12/01)

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Building: 444 **RADIOLOGICAL SAFETY** Page 2 of 3

Location: Rooms 2,2A,2B,3 Date: 1/20/05

Purpose: Post pressure wash/pre fixative Time: 10:30 AM

COPY

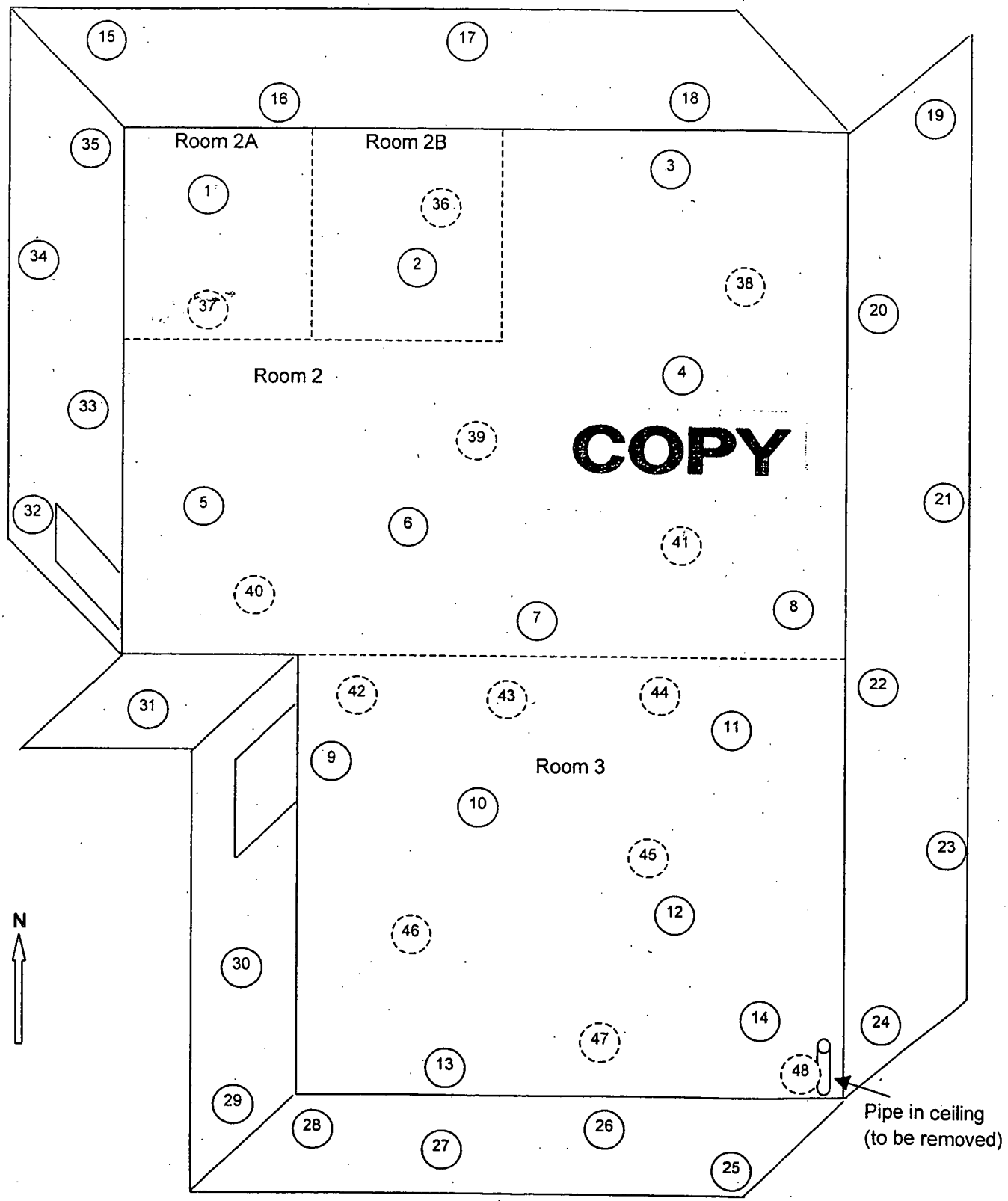
#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
26	Room 3 wall	N/A	<258	N/A	**75000**
27	Room 3 wall	N/A	<258	N/A	**104000**
28	Room 3 wall	N/A	<258	N/A	<745
29	Room 3 wall	N/A	<258	N/A	<745
30	Room 3 wall	N/A	<258	N/A	**15500**
31	Room 3 wall	N/A	<258	N/A	<745
32	Room 2 wall	N/A	<258	N/A	<745
33	Room 2 wall	N/A	<258	N/A	<745
34	Room 2 wall	N/A	<258	N/A	<745
35	Room 2 wall	N/A	<258	N/A	<745
36	Room 2 ceiling	N/A	<258	N/A	**2750**
37	Room 2 ceiling	N/A	<258	N/A	<745
38	Room 2 ceiling	N/A	<258	N/A	<745
39	Room 2 ceiling	N/A	<258	N/A	<745
40	Room 2 ceiling	N/A	<258	N/A	<745
41	Room 2 ceiling	N/A	<258	N/A	<745
42	Room 3 ceiling	N/A	<258	N/A	**6350**
43	Room 3 ceiling	N/A	<258	N/A	**2250**
44	Room 3 ceiling	N/A	<258	N/A	**140000**
45	Room 3 ceiling	N/A	<258	N/A	<745
46	Room 3 ceiling	N/A	<258	N/A	<745
47	Room 3 ceiling	N/A	<258	N/A	<745
48	Room 3 ceiling	N/A	<258	N/A	**124000**
49	N/A	N/A	N/A	N/A	N/A
50	N/A	N/A	N/A	N/A	N/A
51	N/A	N/A	N/A	N/A	N/A
52	N/A	N/A	N/A	N/A	N/A
53	N/A	N/A	N/A	N/A	N/A
54	N/A	N/A	N/A	N/A	N/A
55	N/A	N/A	N/A	N/A	N/A
56	N/A	N/A	N/A	N/A	N/A
57	N/A	N/A	N/A	N/A	N/A
58	N/A	N/A	N/A	N/A	N/A
59	N/A	N/A	N/A	N/A	N/A
60	N/A	N/A	N/A	N/A	N/A
61	N/A	N/A	N/A	N/A	N/A
62	N/A	N/A	N/A	N/A	N/A
63	N/A	N/A	N/A	N/A	N/A
64	N/A	N/A	N/A	N/A	N/A
65	N/A	N/A	N/A	N/A	N/A
66	N/A	N/A	N/A	N/A	N/A
67	N/A	N/A	N/A	N/A	N/A
68	N/A	N/A	N/A	N/A	N/A
69	N/A	N/A	N/A	N/A	N/A
70	N/A	N/A	N/A	N/A	N/A
71	N/A	N/A	N/A	N/A	N/A

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Building: 444
Location: Rooms 2,2A,2B,3
Purpose: Post pressure wash/pre fixative

Date: 1/20/05
Time: 10:30 AM



163
814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	821	Serial #	1156	Serial #	2319
Cal Due	3/29/05	Cal Due	3/22/05	Cal Due	6/8/05
Bkg.	0.3 cpm α	Bkg.	0.6 cpm α	Bkg.	3 cpm α
Eff.	33 %	Eff.	33 %	Eff.	17 %
MDA	20 dpm α	MDA	20 dpm α	MDA	94 dpm α
Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	694	Serial #	706	Serial #	2319
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	6/8/05
Bkg.	38.8 cpm β	Bkg.	45.4 cpm β	Bkg.	829 cpm β
Eff.	14 %	Eff.	14 %	Eff.	22 %
MDA	258 dpm β	MDA	258 dpm β	MDA	745 dpm β

Survey tracking # : 444-V/A6 - 03

Survey Type : CONTAMINATION Page 1 of 3

Building: 444

Location: Rooms 6,6A,7C,7D,10,10A,10B

Purpose: Post pressure wash/pre fixative

RWP # : N/A **COPY**

Date: 1/19/05 Time: 10:30

RCT: [redacted]

RCT:

PRN/REN : N/A

Comments: Isotope of Concern U-238. Interior walls scanned <MDA and swiped < MDA. Not shown for clarity.

SURVEY RESULTS

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Room 6 floor	N/A	<258	N/A	<745
2	Room 6 floor	N/A	<258	N/A	<745
3	Room 6A floor	N/A	<258	N/A	<745
4	Room 7C floor	N/A	<258	N/A	<745
5	Room 7D floor	N/A	<258	N/A	<745
6	Room 10A floor	N/A	<258	N/A	<745
7	Room 10B floor	N/A	<258	N/A	<745
8	Room 10 floor	N/A	<258	N/A	**6000**
9	Room 10 floor	N/A	<258	N/A	<745
10	Room 10 floor	N/A	<258	N/A	**15000**
11	Room 10 floor	N/A	<258	N/A	<745
12	Room 10 floor	N/A	<258	N/A	**4750**
13	Room 10 floor	N/A	<258	N/A	**27750**
14	Room 10 floor	N/A	<258	N/A	<745
15	Room 10 floor	N/A	<258	N/A	**11270**
16	Room 10 floor	N/A	<258	N/A	**114000**
17	Room 10 floor	N/A	<258	N/A	**6255**
18	Room 10 floor	N/A	<258	N/A	<745
19	Room 10 floor	N/A	<258	N/A	**6500**
20	Room 10 floor	N/A	<258	N/A	**5500**
21	Room 10 floor	N/A	<258	N/A	<745
22	Room 10 floor	N/A	<258	N/A	**26500**
23	Room 10 floor	N/A	<258	N/A	**14000**
24	Room 10 floor	N/A	<258	N/A	**2500**
25	Room 6 wall	N/A	<258	N/A	<745

Date Reviewed: 1-20-05 **RS Supervision:** [redacted]

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

RADIOLOGICAL SAFETY

COPY

Building: 444
Location: Rooms 6,6A,7C,7D,10,10A
Purpose: Post pressure wash/pre fixative

Date: 1/19/05
Time: 10:30 AM

#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
26	Room 7C wall	N/A	<258	N/A	**4650**
27	Room 7C wall	N/A	<258	N/A	**3800**
28	Room 7D wall	N/A	<258	N/A	<745
29	Room 10 wall	N/A	<258	N/A	<745
30	Room 10 wall	N/A	<258	N/A	**115000**
31	Room 10 wall	N/A	<258	N/A	**10800**
32	Room 10 wall	N/A	<258	N/A	<745
33	Room 10 wall	N/A	<258	N/A	<745
34	Room 10 wall	N/A	<258	N/A	<745
35	Room 10 wall	N/A	<258	N/A	<745
36	Room 10 wall	N/A	<258	N/A	<745
37	Room 10 wall	N/A	<258	N/A	<745
38	Room 10 wall	N/A	<258	N/A	<745
39	Room 10 wall	N/A	<258	N/A	<745
40	Room 10 wall	N/A	<258	N/A	**15000**
41	Room 10 wall	N/A	<258	N/A	**15000**
42	Room 10 wall	N/A	<258	N/A	**35000**
43	Room 10 wall	N/A	<258	N/A	**150000**
44	Room 10 wall	N/A	<258	N/A	<745
45	Room 10 ceiling	N/A	<258	N/A	<745
46	Room 10 ceiling	N/A	<258	N/A	<745
47	Room 10 ceiling	N/A	<258	N/A	**5000**
48	Room 10 ceiling	N/A	<258	N/A	<745
49	Room 10 ceiling	N/A	<258	N/A	<745
50	Room 10 ceiling	N/A	<258	N/A	<745
51	Room 10 ceiling	N/A	<258	N/A	<745
52	Room 10 ceiling	N/A	<258	N/A	<745
53	Room 10 ceiling	N/A	<258	N/A	<745
54	Room 10 ceiling	N/A	<258	N/A	<745
55	Room 10 ceiling	N/A	<258	N/A	<745
56	Room 10 ceiling	N/A	<258	N/A	<745
57	Floor	N/A	<258	N/A	<745
58	Floor	N/A	<258	N/A	<745
59	N/A	N/A	N/A	N/A	N/A
60	N/A	N/A	N/A	N/A	N/A
61	N/A	N/A	N/A	N/A	N/A
62	N/A	N/A	N/A	N/A	N/A
63	N/A	N/A	N/A	N/A	N/A
64	N/A	N/A	N/A	N/A	N/A
65	N/A	N/A	N/A	N/A	N/A
66	N/A	N/A	N/A	N/A	N/A
67	N/A	N/A	N/A	N/A	N/A
68	N/A	N/A	N/A	N/A	N/A
69	N/A	N/A	N/A	N/A	N/A
70	N/A	N/A	N/A	N/A	N/A
71	N/A	N/A	N/A	N/A	N/A

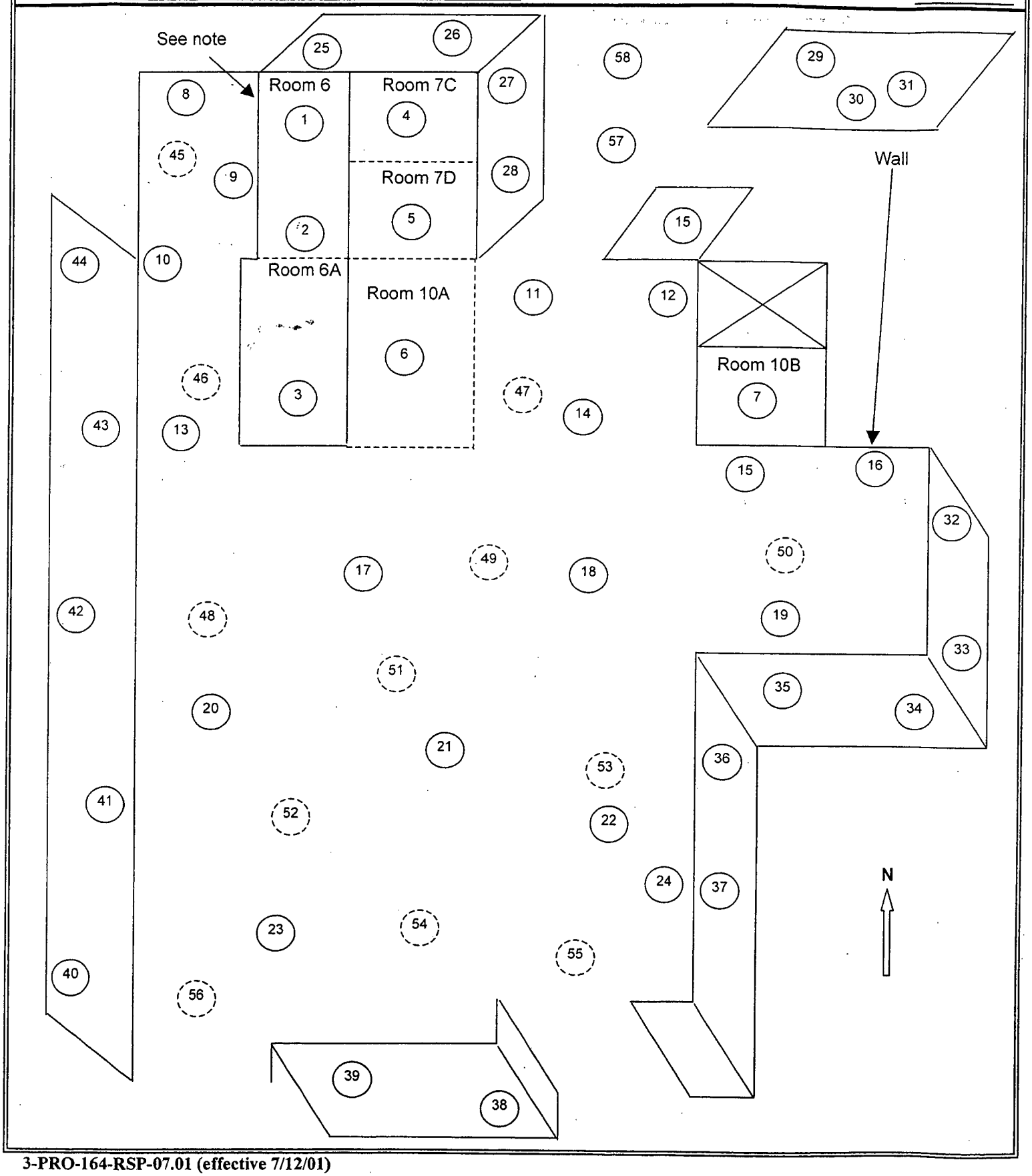
RADIOLOGICAL SAFETY

Drawing Showing Survey Points

COPY

Building: 444
Location: Rooms 6,6A,7C,7D;10,10A,10B
Purpose: Post pressure wash/pre fixative

Date: 1/19/05
Time: 10:30 AM



166/814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg. EBERLINE	Mfg. EBERLINE	Mfg. NE Electra
Model SAC-4	Model SAC-4	Model DP-6
Serial # 821	Serial # 1156	Serial # 2316
Cal Due 3/29/05	Cal Due 3/22/05	Cal Due 6/28/05
Bkg. 0.3 cpm α	Bkg. 0.6 cpm α	Bkg. 4 cpm α
Eff. 33 %	Eff. 33 %	Eff. 17 %
MDA 20 dpm α	MDA 20 dpm α	MDA 94 dpm α
Mfg. EBERLINE	Mfg. EBERLINE	Mfg. NE Electra
Model BC-4	Model BC-4	Model DP-6
Serial # 694	Serial # 706	Serial # 2316
Cal Due 7/23/05	Cal Due 4/30/05	Cal Due 6/28/05
Bkg. 38 cpm β	Bkg. 40.4 cpm β	Bkg. 938 cpm β
Eff. 14 %	Eff. 14 %	Eff. 22 %
MDA 258 dpm β	MDA 258 dpm β	MDA 745 dpm β

Survey Type: CONTAMINATION Page 1 of 4

Building: 444

Location: Rooms 9, 11, 15 & 15A

Purpose: Post pressure wash/pre fixative

RWP #: N/A

Date: 1/18/05 Time: 15:00

[redacted]

PRN/REN: N/A

Comments: Isotope of Concern U-238. Interior walls scanned <MDA and swiped < MDA. Not shown for clarity.

SURVEY RESULTS

COPY

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Room 9 floor	N/A	<258	N/A	6290
2	Room 9 floor	N/A	<258	N/A	8720
3	Room 9 floor	N/A	<258	N/A	1500
4	Room 9 floor	N/A	<258	N/A	2500
5	Room 9 floor	N/A	<258	N/A	7630
6	Room 9 floor	N/A	<258	N/A	3180
7	Room 9 floor	N/A	<258	N/A	80500
8	Room 9 ceiling	N/A	<258	N/A	<745
9	Room 9 ceiling	N/A	<258	N/A	<745
10	Room 9 ceiling	N/A	<258	N/A	<745
11	Room 9 ceiling	N/A	<258	N/A	<745
12	Room 9 ceiling	N/A	<258	N/A	<745
13	Room 9 south wall	N/A	<258	N/A	<745
14	Room 9 south wall	N/A	<258	N/A	<745
15	Room 9 east wall	N/A	<258	N/A	<745
16	Room 9 east wall	N/A	<258	N/A	<745
17	Room 9 east wall	N/A	<258	N/A	<745
18	Room 11 floor	N/A	<258	N/A	20075
19	Room 11 floor	N/A	<258	N/A	4145
20	Stairs	N/A	<258	N/A	8665
21	Room 11 floor	N/A	<258	N/A	19000
22	Room 11 floor	N/A	<258	N/A	2250
23	Room 11 floor	N/A	<258	N/A	2625
24	Room 11 floor	N/A	<258	N/A	15500
25	Room 11 floor	[redacted]			

Date Reviewed: 1-20-05 **RS Supervision:** [redacted]

Building: 444 **RADIOLOGICAL SAFETY** Page 2 of 4

Location: Rooms 9, 11, 15 Date: 1/18/05

Purpose: Post pressure wash/pre fixative Time: 3:00 PM

COPY

#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
26	Room 11 floor	N/A	<258	N/A	**4650**
27	Room 11 floor	N/A	<258	N/A	**3800**
28	Room 11 east wall	N/A	<258	N/A	<745
29	Room 11 east wall	N/A	<258	N/A	<745
30	Room 11 east wall	N/A	<258	N/A	<745
31	Room 11 east wall	N/A	<258	N/A	<745
32	Room 11 east wall	N/A	<258	N/A	<745
33	Room 11 north wall	N/A	<258	N/A	<745
34	Room 11 north wall	N/A	<258	N/A	<745
35	Room 11 north wall	N/A	<258	N/A	<745
36	Room 11 ceiling	N/A	<258	N/A	<745
37	Room 11 ceiling	N/A	<258	N/A	<745
38	Room 11 ceiling	N/A	<258	N/A	<745
39	Room 11 ceiling	N/A	<258	N/A	<745
40	Room 11 ceiling	N/A	<258	N/A	<745
41	Room 11 ceiling	N/A	<258	N/A	<745
42	Room 11 ceiling	N/A	<258	N/A	<745
43	Room 15 floor	N/A	<258	N/A	<745
44	Room 15 floor	N/A	<258	N/A	**16000**
45	Room 15 floor	N/A	<258	N/A	**12500**
46	Room 15 floor	N/A	<258	N/A	<745
47	Room 15 floor	N/A	<258	N/A	**28500**
48	Room 15 floor	N/A	<258	N/A	<745
49	Room 15 floor	N/A	<258	N/A	**1400**
50	Room 15 floor	N/A	<258	N/A	<745
51	Room 15 floor	N/A	<258	N/A	<745
52	Room 15 floor	N/A	<258	N/A	<745
53	Room 15 floor	N/A	<258	N/A	<745
54	Room 15 floor	N/A	<258	N/A	<745
55	Room 15 floor	N/A	<258	N/A	<745
56	Room 15 south wall	N/A	<258	N/A	<745
57	Room 15 south wall	N/A	<258	N/A	<745
58	Room 15 south wall	N/A	<258	N/A	<745
59	Room 15 south wall	N/A	<258	N/A	<745
60	Room 15 west wall	N/A	<258	N/A	<745
61	Room 15 west wall	N/A	<258	N/A	<745
62	Room 15 west wall	N/A	<258	N/A	<745
63	Room 15 west wall	N/A	<258	N/A	<745
64	Room 15 west wall pipe	N/A	<258	N/A	**18250**
65	Room 15 west wall	N/A	<258	N/A	<745
66	Room 15 ceiling	N/A	<258	N/A	<745
67	Room 15 ceiling	N/A	<258	N/A	<745
68	Room 15 ceiling	N/A	<258	N/A	<745
69	Room 15 ceiling	N/A	<258	N/A	**11000**
70	Room 15 ceiling	N/A	<258	N/A	<745
71	Room 15 ceiling	N/A	<258	N/A	<745

Building: 444 **RADIOLOGICAL SAFETY** Page 3 of 4

Location: Rooms 9, 11, 15 Date: 1/18/05

Purpose: Post pressure wash/pre fixative Time: 3:00 PM

COPY

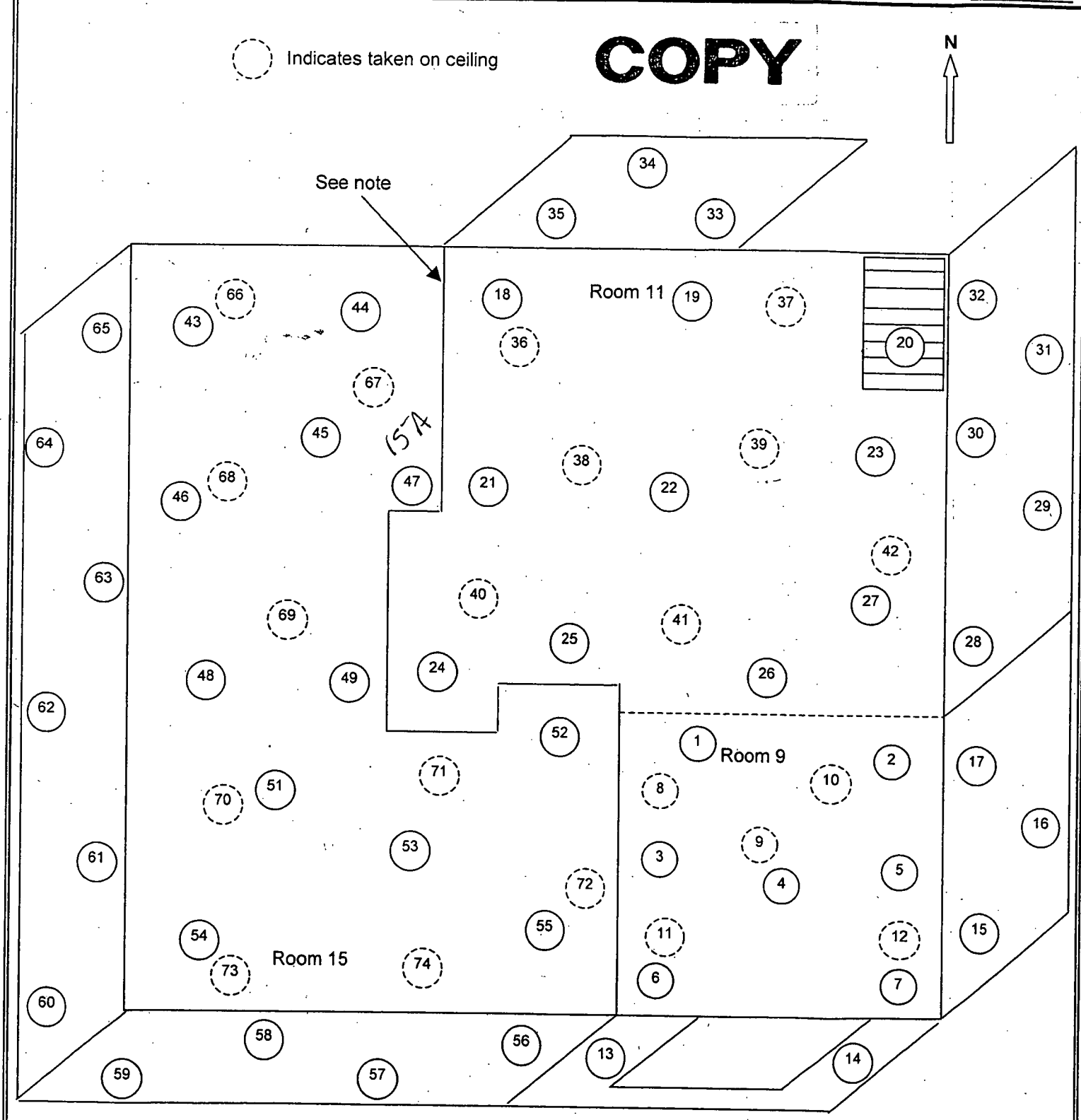
#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
72	Room 15 ceiling	N/A	<258	N/A	<745
73	Room 15 ceiling	N/A	<258	N/A	<745
74	Room 15 ceiling	N/A	<258	N/A	<745
75	N/A	N/A	N/A	N/A	N/A
76	N/A	N/A	N/A	N/A	N/A
77	N/A	N/A	N/A	N/A	N/A
78	N/A	N/A	N/A	N/A	N/A
79	N/A	N/A	N/A	N/A	N/A
80	N/A	N/A	N/A	N/A	N/A
81	N/A	N/A	N/A	N/A	N/A
82	N/A	N/A	N/A	N/A	N/A
83	N/A	N/A	N/A	N/A	N/A
84	N/A	N/A	N/A	N/A	N/A
85	N/A	N/A	N/A	N/A	N/A
86	N/A	N/A	N/A	N/A	N/A
87	N/A	N/A	N/A	N/A	N/A
88	N/A	N/A	N/A	N/A	N/A
89	N/A	N/A	N/A	N/A	N/A
90	N/A	N/A	N/A	N/A	N/A
91	N/A	N/A	N/A	N/A	N/A
92	N/A	N/A	N/A	N/A	N/A
93	N/A	N/A	N/A	N/A	N/A
94	N/A	N/A	N/A	N/A	N/A
95	N/A	N/A	N/A	N/A	N/A
96	N/A	N/A	N/A	N/A	N/A
97	N/A	N/A	N/A	N/A	N/A
98	N/A	N/A	N/A	N/A	N/A
99	N/A	N/A	N/A	N/A	N/A
100	N/A	N/A	N/A	N/A	N/A
101	N/A	N/A	N/A	N/A	N/A
102	N/A	N/A	N/A	N/A	N/A
103	N/A	N/A	N/A	N/A	N/A
104	N/A	N/A	N/A	N/A	N/A
105	N/A	N/A	N/A	N/A	N/A
106	N/A	N/A	N/A	N/A	N/A
107	N/A	N/A	N/A	N/A	N/A
108	N/A	N/A	N/A	N/A	N/A
109	N/A	N/A	N/A	N/A	N/A
110	N/A	N/A	N/A	N/A	N/A
111	N/A	N/A	N/A	N/A	N/A
112	N/A	N/A	N/A	N/A	N/A
113	N/A	N/A	N/A	N/A	N/A
114	N/A	N/A	N/A	N/A	N/A
115	N/A	N/A	N/A	N/A	N/A
116	N/A	N/A	N/A	N/A	N/A
117	N/A	N/A	N/A	N/A	N/A

Building: 444
Location: Rooms 9, 11, 15
Purpose: Post pressure wash/pre fixative

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Date: 1/18/05
Time: 3:00 PM



170
814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	821	Serial #	1156	Serial #	2314
Cal Due	3/29/05	Cal Due	3/22/05	Cal Due	7/18/05
Bkg.	0.3 cpm α	Bkg.	0.1 cpm α	Bkg.	0 cpm α
Eff.	33 %	Eff.	33 %	Eff.	17 %
MDA	20 dpm α	MDA	20 dpm α	MDA	94 dpm α
Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	694	Serial #	706	Serial #	2314
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	7/18/05
Bkg.	39.4 cpm β	Bkg.	44.3 cpm β	Bkg.	717 cpm β
Eff.	14 %	Eff.	14 %	Eff.	22 %
MDA	258 dpm β	MDA	258 dpm β	MDA	745 dpm β

SURVEY TRACKING #: 444-V1A6-05

Survey Type: CONTAMINATION Page 1 of 3

Building: 444

Location: Rooms 7,7A,8,13,14

Purpose: Post pressure wash/pre-fixative

RWP #: N/A COPY

Date: 1/22/05 Time: 10:30

RCT [redacted]

RCT: N/A | N/A | N/A

Print Name | Signature | Emp. #

PRN/REN: N/A

Comments: Isotope of Concern U-238.

SURVEY RESULTS

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Room 13 floor	N/A	<258	N/A	**10000**
2	Room 13 floor	N/A	<258	N/A	**13000**
3	Room 13 floor	N/A	<258	N/A	**11000**
4	Room 13 floor	N/A	<258	N/A	**47500**
5	Room 13 floor	N/A	<258	N/A	**9000**
6	Room 14 floor	N/A	<258	N/A	**5000**
7	Room 14 floor	N/A	<258	N/A	**20000**
8	Room 14 floor	N/A	<258	N/A	**30000**
9	Room 14 floor	N/A	<258	N/A	**17750**
10	Room 14 floor	N/A	<258	N/A	**30000**
11	Room 7/8 floor	N/A	<258	N/A	<745
12	Room 7/8 floor	N/A	<258	N/A	<745
13	Room 7/8 floor	N/A	<258	N/A	**26250**
14	Room 7/8 floor	N/A	<258	N/A	<745
15	Room 7/8 floor	N/A	<258	N/A	<745
16	Room 7/8 floor	N/A	<258	N/A	**4000**
17	Room 7/8 floor	N/A	<258	N/A	**50000**
18	Room 7/8 floor	N/A	<258	N/A	<745
19	Room 7/8 floor	N/A	<258	N/A	<745
20	Room 7/8 floor	N/A	<258	N/A	**50000**
21	Room 7/8 floor	N/A	<258	N/A	**16270**
22	Room 7/8 floor	N/A	<258	N/A	**7500**
23	Stairs	N/A	<258	N/A	**8750**
24	Stairs	N/A	<258	N/A	**5500**
25	Stairs	[redacted]			

Date Reviewed: 1-22-05 **RS Supervision:** [redacted]

Print Name | Signature | Emp. #

3-PRO-164-RSP-07.01 (effective 7/12/01)

171
B14

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Rooms 7,7A,8,13,14
Purpose: Post pressure wash/pre fixative

RADIOLOGICAL SAFETY

COPY

Date: 1/22/05
Time: 10:30 AM

#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
26	West wall	N/A	<258	N/A	<745
27	West wall	N/A	<258	N/A	<745
28	West wall	N/A	<258	N/A	<745
29	West wall	N/A	<258	N/A	<745
30	West wall	N/A	<258	N/A	<745
31	West wall	N/A	<258	N/A	**12500**
32	West wall	N/A	<258	N/A	<745
33	Wall	N/A	<258	N/A	<745
34	Wall	N/A	<258	N/A	<745
35	Wall	N/A	<258	N/A	<745
36	Column	N/A	<258	N/A	**15000**
37	Room 13 ceiling	N/A	<258	N/A	<745
38	Room 13 ceiling	N/A	<258	N/A	<745
39	Room 13 ceiling	N/A	<258	N/A	<745
40	Room 14 ceiling	N/A	<258	N/A	<745
41	Room 14 ceiling	N/A	<258	N/A	<745
42	Room 14 ceiling	N/A	<258	N/A	<745
43	Room 7/8 ceiling	N/A	<258	N/A	<745
44	Room 7/8 ceiling	N/A	<258	N/A	<745
45	Room 7/8 ceiling	N/A	<258	N/A	<745
46	Room 7/8 ceiling	N/A	<258	N/A	<745
47	Room 7/8 ceiling	N/A	<258	N/A	<745
48	Room 7/8 ceiling	N/A	<258	N/A	<745
49	Room 7/8 ceiling	N/A	<258	N/A	<745
50	Room 7 floor	N/A	<258	N/A	<745
51	Room 7 floor	N/A	<258	N/A	<745
52	Room 7 floor	N/A	<258	N/A	<745
53	Room 7 floor	N/A	<258	N/A	<745
54	Room 7 floor	N/A	<258	N/A	<745
55	N/A	N/A	N/A	N/A	N/A
56	N/A	N/A	N/A	N/A	N/A
57	N/A	N/A	N/A	N/A	N/A
58	N/A	N/A	N/A	N/A	N/A
59	N/A	N/A	N/A	N/A	N/A
60	N/A	N/A	N/A	N/A	N/A
61	N/A	N/A	N/A	N/A	N/A
62	N/A	N/A	N/A	N/A	N/A
63	N/A	N/A	N/A	N/A	N/A
64	N/A	N/A	N/A	N/A	N/A
65	N/A	N/A	N/A	N/A	N/A
66	N/A	N/A	N/A	N/A	N/A
67	N/A	N/A	N/A	N/A	N/A
68	N/A	N/A	N/A	N/A	N/A
69	N/A	N/A	N/A	N/A	N/A
70	N/A	N/A	N/A	N/A	N/A
71	N/A	N/A	N/A	N/A	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

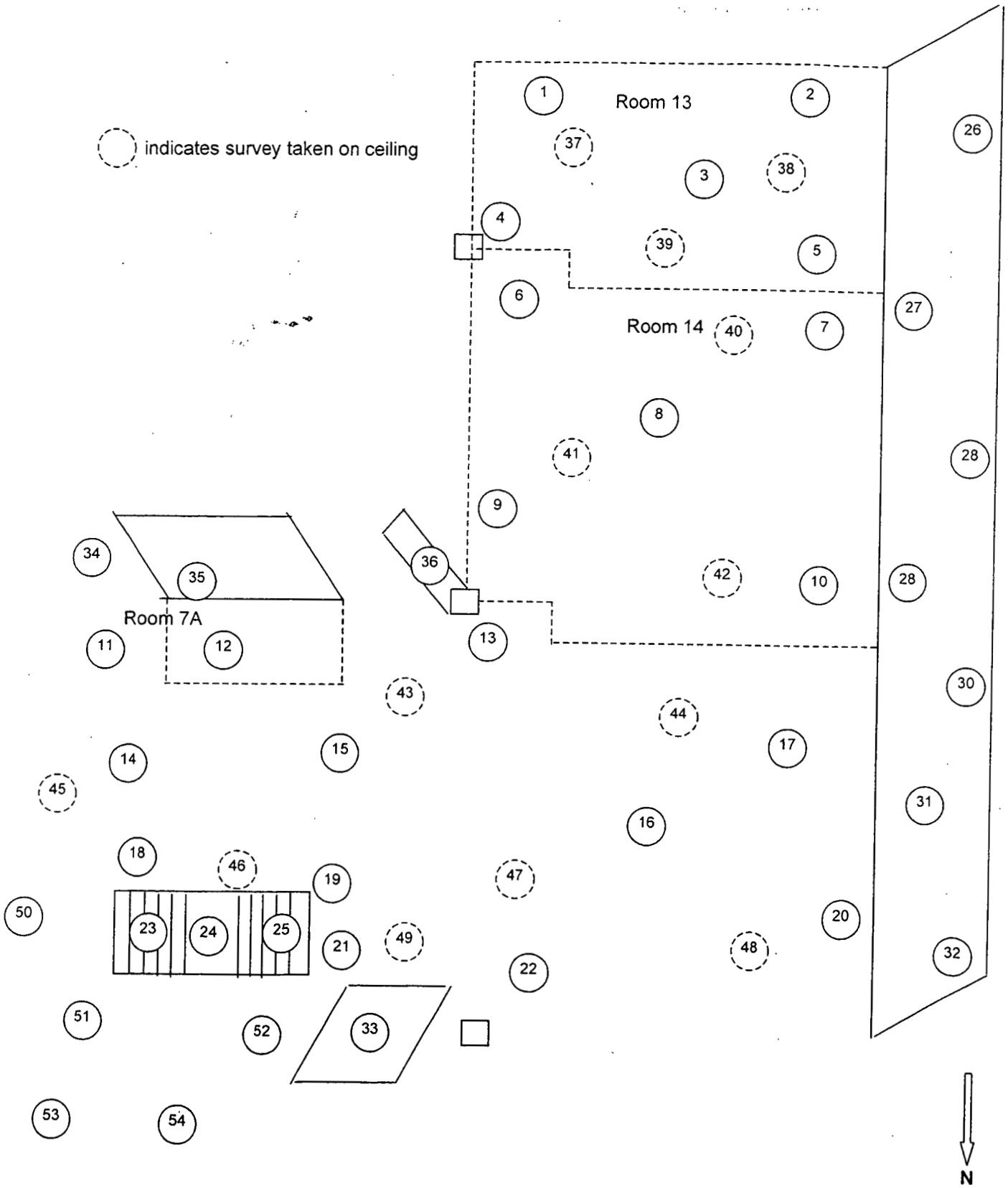
Building: 444
Location: Rooms 7,7A,8,13,14
Purpose: Post pressure wash/pre fixative

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

COPY

Date: 1/22/05
Time: 10:30 AM



444-U1A6-06

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	1048	Serial #	1197	Serial #	1535
Cal Due	3/3/05	Cal Due	1/12/05	Cal Due	10/15/04
Bkg.	0.6 dpm α	Bkg.	0.2 dpm α	Bkg.	2 dpm α
Efficiency	33 %	Efficiency	33 %	Efficiency	21.6 %
MDA	20 dpm α	MDA	20 dpm α	MDA	94 dpm α
Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	706	Serial #	924	Serial #	1535
Cal Due	4/30/05	Cal Due	10/20/04	Cal Due	10/15/04
Bkg.	43.1 dpm β	Bkg.	38.2 dpm β	Bkg.	765 dpm β
Efficiency	14 %	Efficiency	14 %	Efficiency	22.0 %
MDA	258 dpm β	MDA	258 dpm β	MDA	745 dpm β

Survey Type: Contamination
Building: 444
Location: Room 9A
Purpose: Pre-fixative
RWP #: N/A
Date: 9/10/04 Time: 15:00
[redacted]
RCT: N/A / N/A / N/A
Print name / Signature / Emp. #

PRN/REN #: N/A
Comments: Isotope of concern U-238

COPY

SURVEY RESULTS

#	Location/Description	Gamma/ X-ray	Shallow Dose	Total	Alpha Swipe	Alpha Direct	Alpha Wipe	Beta Swipe	Beta Direct	Beta Wipe
		mr/hr	mr/hr	mr/hr	dpm/100cm²	dpm/100cm²	dpm/wipe	dpm/100cm²	dpm/100cm²	dpm/wipe
1	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
2	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
3	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
4	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
5	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
6	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
7	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
8	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
9	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
10	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
11	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
12	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
13	See Map (floor)	N/A	N/A	N/A	<20	300	N/A	<258	15750	N/A
14	See Map (floor)	N/A	N/A	N/A	<20	350	N/A	<258	32000	N/A
15	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
16	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
17	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	8000	N/A
18	See Map (floor)	N/A	N/A	N/A	<20	335	N/A	<258	137500	N/A
19	See Map (floor)	N/A	N/A	[redacted]						
20	See Map (floor)	N/A	N/A							

Date Reviewed: 9-13-04 **RS Supervision** [redacted]
Print Name / Signature / Emp. #

174
814

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

#	Location/Description	Gamma/ X-ray	Shallow Dose	Total	Alpha Swipe	Alpha Direct	Alpha Wipe	Beta Swipe	Beta Direct	Beta Wipe
		mr/hr	mr/hr	mr/hr	dpm/100cm²	dpm/100cm²	dpm/wipe	dpm/100cm²	dpm/100cm²	dpm/wipe
21	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
22	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
23	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	8000	N/A
24	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	10000	N/A
25	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
26	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
27	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
28	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
29	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
30	See Map (floor)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
31	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
32	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
33	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
34	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
35	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
36	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
37	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
38	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
39	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
40	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
41	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
42	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
43	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
44	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
45	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
46	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
47	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
48	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
49	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
50	See Map (south wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
51	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
52	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
53	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
54	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
55	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
56	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
57	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
58	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
59	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
60	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
61	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
62	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
63	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
64	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

COPY

#	Location/Description	Gamma/ X-ray	Shallow Dose	Total	Alpha Swipe	Alpha Direct	Alpha Wipe	Beta Swipe	Beta Direct	Beta Wipe
		mr/hr	mr/hr	mr/hr	dpm/100cm²	dpm/100cm²	dpm/wipe	dpm/100cm²	dpm/100cm²	dpm/wipe
65	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
66	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
67	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
68	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
69	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
70	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
71	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
72	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
73	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
74	See Map (east wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
75	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
76	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
77	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
78	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
79	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
80	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
81	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
82	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
83	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
84	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
85	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
86	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
87	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
88	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
89	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
90	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
91	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
92	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
93	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
94	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
95	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
96	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
97	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
98	See Map (west wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
99	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
100	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
101	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
102	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
103	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
104	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	**6000**	N/A
105	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	**6650**	N/A
106	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
107	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
108	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS COPY

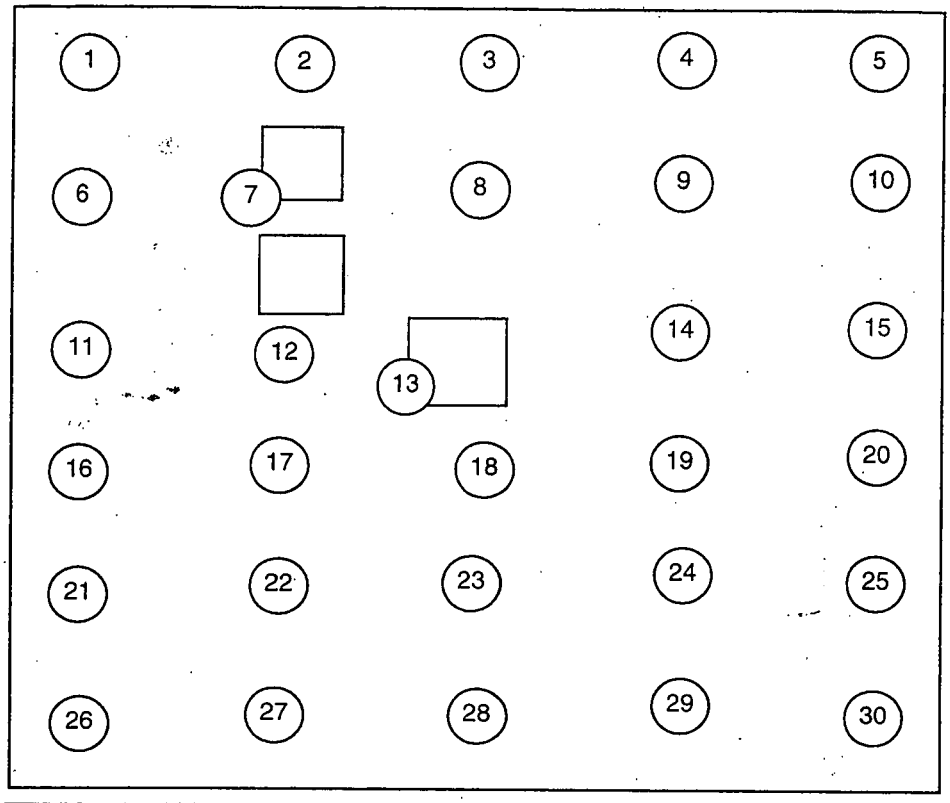
#	Location/Description	Gamma/ X-ray	Shallow Dose	Total	Alpha Swipe	Alpha Direct	Alpha Wipe	Beta Swipe	Beta Direct	Beta Wipe
		mr/hr	mr/hr	mr/hr	dpm/100cm²	dpm/100cm²	dpm/wipe	dpm/100cm²	dpm/100cm²	dpm/wipe
109	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	5500	N/A
110	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
111	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
112	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
113	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	10500	N/A
114	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
115	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
116	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
117	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	11500	N/A
118	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
119	See Map (north wall)	N/A	N/A	N/A	<20	<94	N/A	<258	<745	N/A
120	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
121	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
122	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
123	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
124	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
127	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
128	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
129	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
130	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
131	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
132	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
133	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
134	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
135	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
136	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
137	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
139	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
140	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
141	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
142	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
143	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
144	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
145	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
146	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
147	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
148	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
149	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
150	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
151	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
152	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

COPY

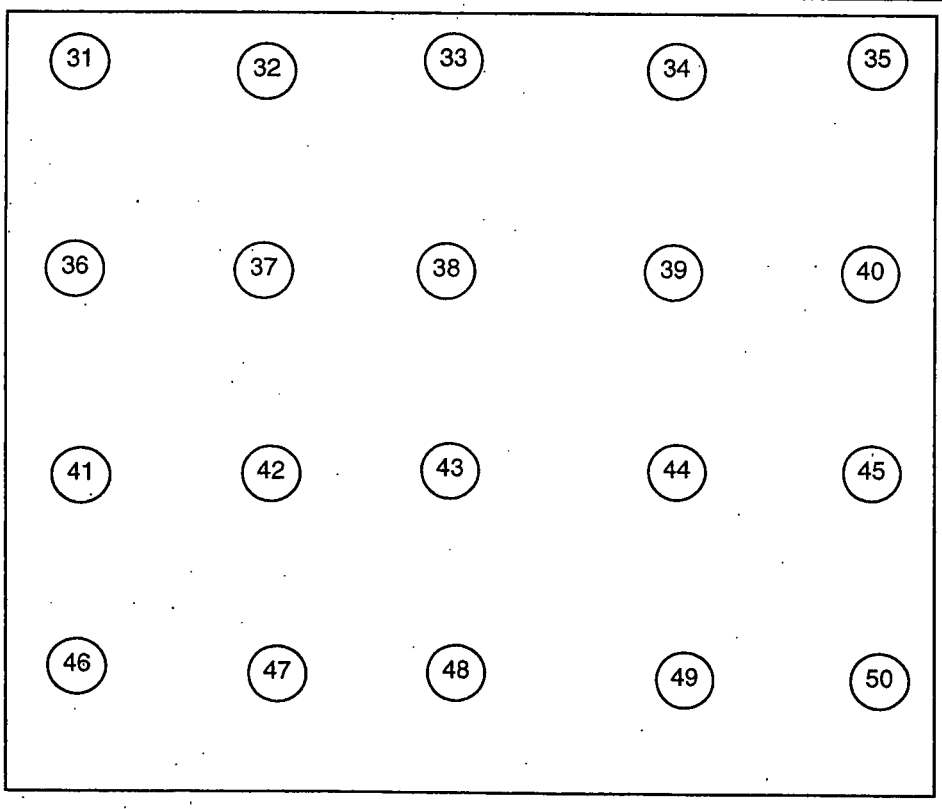
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Drawing Showing Survey Points

Floor



South wall

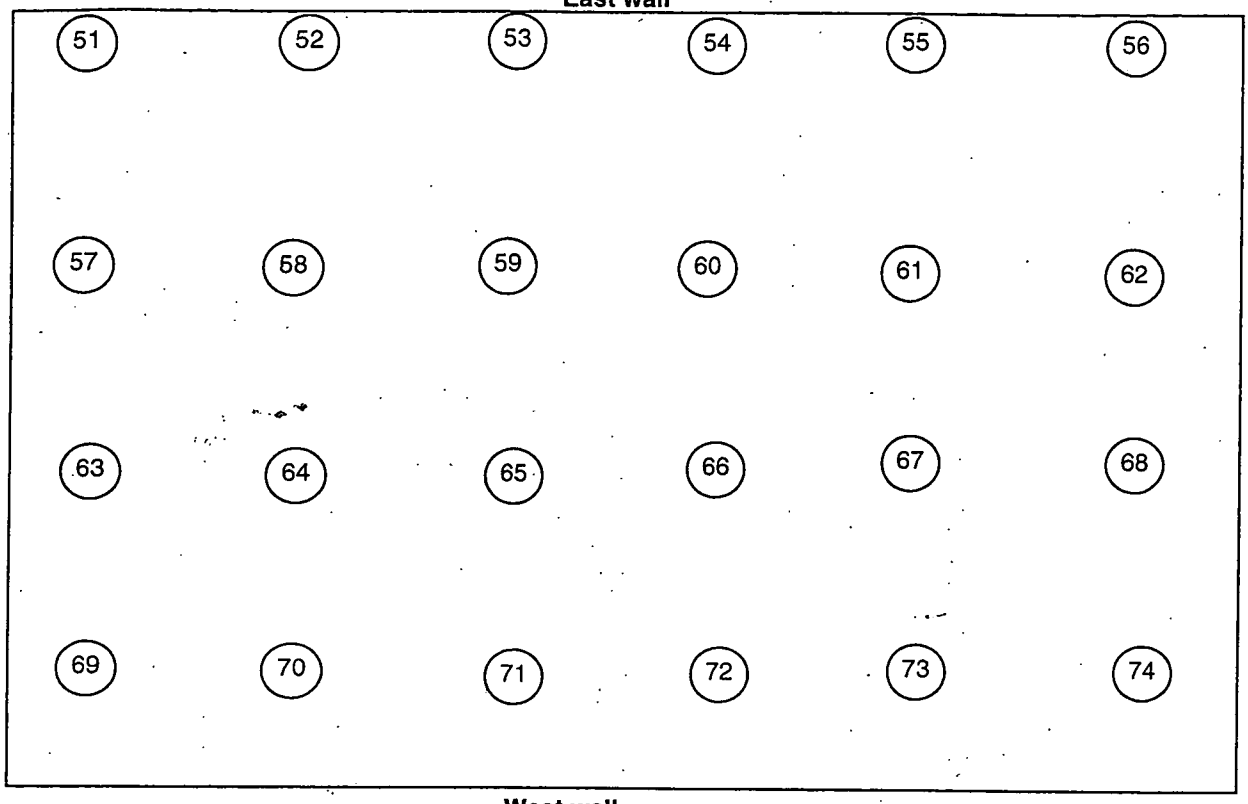


COPY

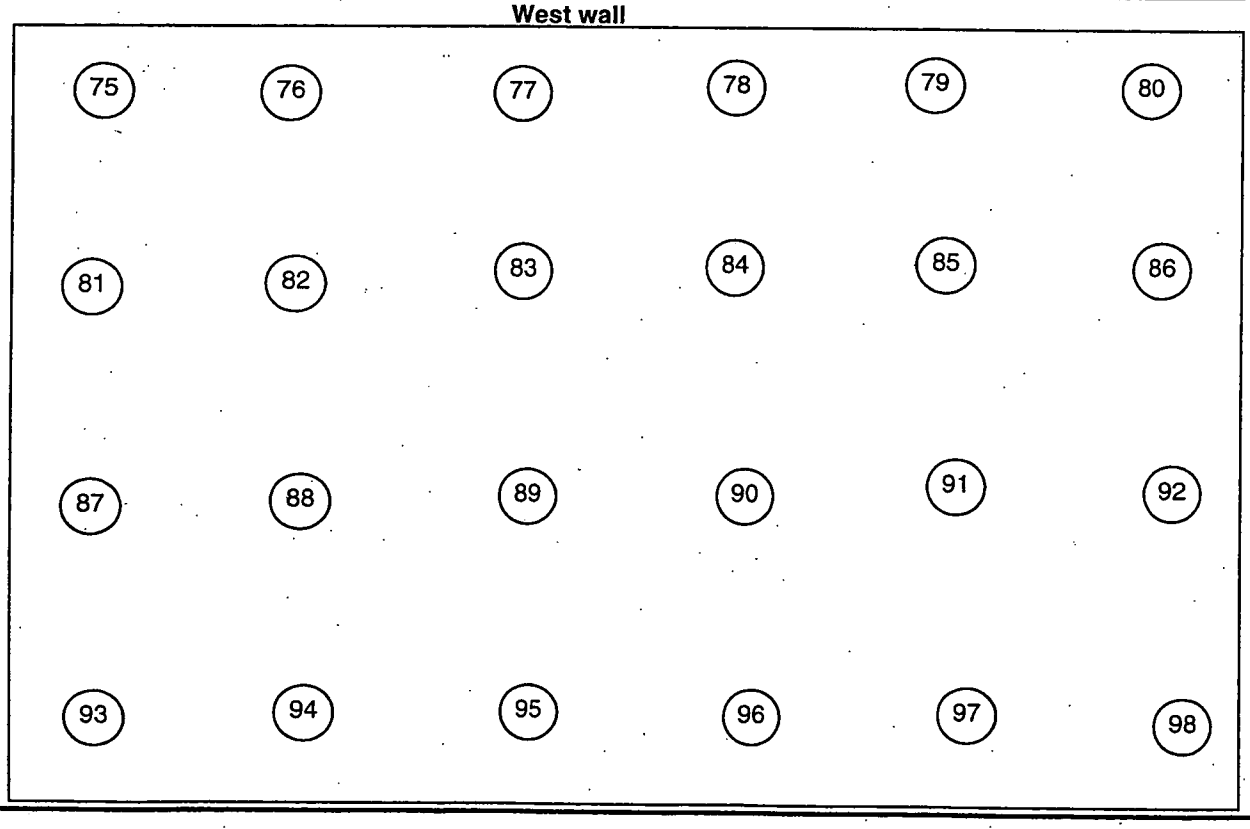
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Drawing Showing Survey Points

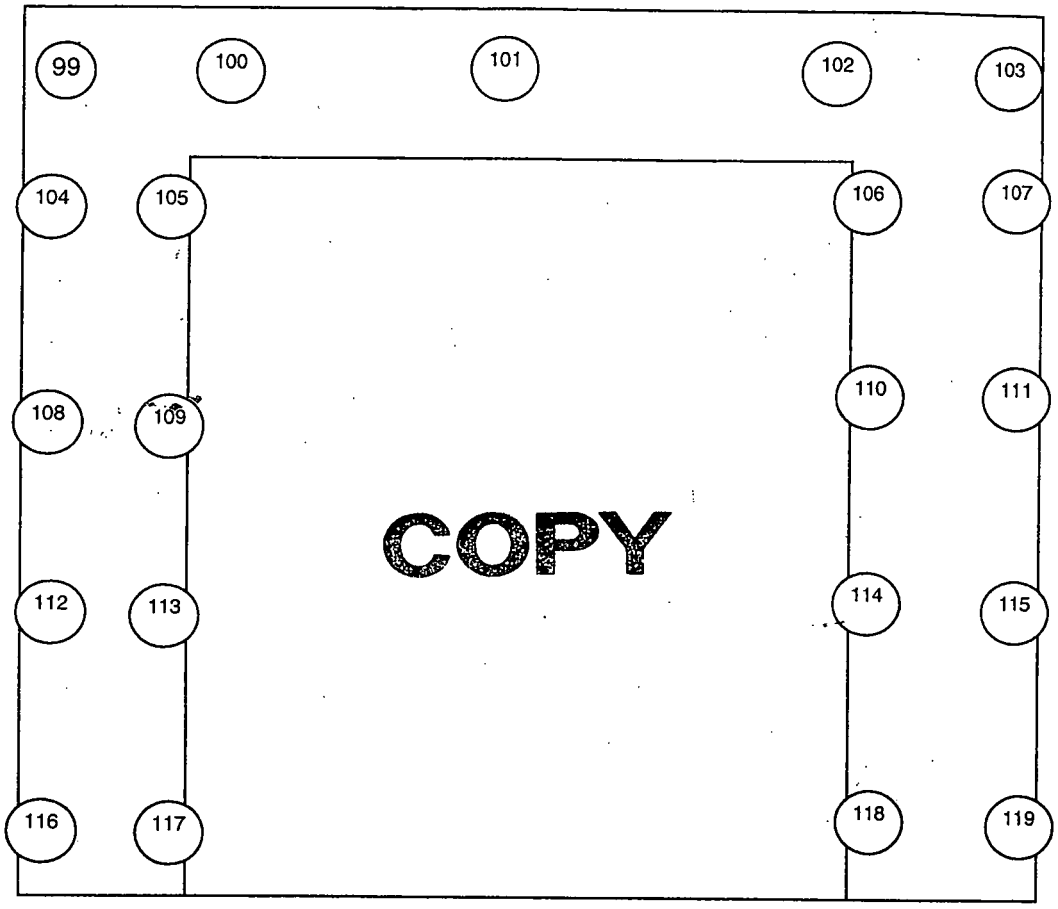
East wall



West wall



Drawing Showing Survey Points



North Wall

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814

444-U1A6-07

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	763	Serial #	821	Serial #	3370
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	2/16/05
Bkg	0.3 cpmα	Bkg	0.4 cpmα	Bkg	5 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα
Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	694	Serial #	706	Serial #	3370
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	2/16/05
Bkg	39.8 cpmβ	Bkg	42.3 cpmβ	Bkg	789 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey Type: Alpha & Beta Contamination
Building: 444
Location: Room 8
Purpose: Post pressure wash

RWP #: N/A

[redacted]

RCT: N/A / N/A / N/A
Print name / Signature / Emp. #

PRN/REN # : N/A
Comments: Isotope of concern U-238. Survey is post pressure washing for room 8 and tunnel.

COPY

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	See Map	<20	<94	N/A	<258	<745	N/A
2	See Map	<20	<94		<258	<745	
3	See Map	<20	<94		<258	<745	
4	See Map	<20	<94		<258	<745	
5	See Map	<20	<94		<258	<745	
6	See Map	<20	<94		<258	<745	
7	See Map	<20	<94		<258	<745	
8	See Map	<20	<94		<258	<745	
9	See Map	<20	<94		<258	<745	
10	See Map	<20	<94		<258	<745	
11	See Map	<20	<94		<258	<745	
12	See Map	<20	<94		<258	<745	
13	See Map	<20	<94		<258	<745	
14	See Map	<20	<94		<258	<745	
15	See Map	<20	<94		<258	<745	
16	See Map	<20	<94		<258	<745	
17	See Map	<20	<94		<258	**20000**	
18	See Map	<20	<94		<258	<745	
19	See Map	<20	<94		<258	<745	
20	See Map						

Date Reviewed: 12-14-04 **RS Supervision:** [redacted]

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814

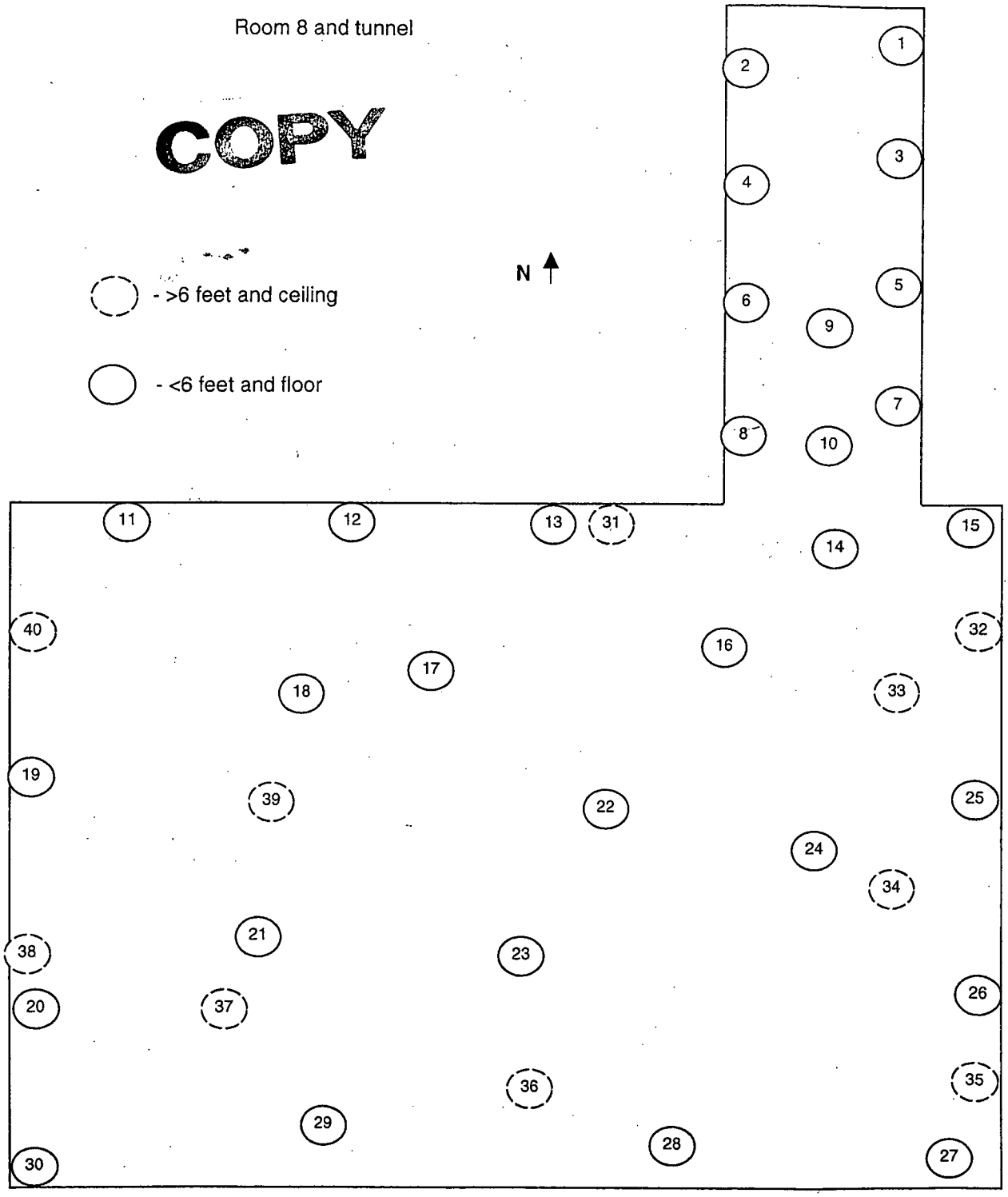
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

COPY

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
21	See Map	<20	<94	N/A	<258	<745	N/A
22	See Map	<20	<94		<258	<745	
23	See Map	<20	<94		<258	<745	
24	See Map	<20	<94		<258	<745	
25	See Map	<20	<94		<258	<745	
26	See Map	<20	<94		<258	<745	
27	See Map	<20	<94		<258	<745	
28	See Map	<20	<94		<258	<745	
29	See Map	<20	<94		<258	<745	
30	See Map	<20	<94		<258	**15000**	
31	See Map	<20	<94		<258	<745	
32	See Map	<20	<94		<258	<745	
33	See Map	<20	<94		<258	<745	
34	See Map	<20	<94		<258	<745	
35	See Map	<20	<94		<258	<745	
36	See Map	<20	<94		<258	<745	
37	See Map	<20	<94		<258	<745	
38	See Map	<20	<94		<258	<745	
39	See Map	<20	<94		<258	<745	
40	See Map	<20	<94		<258	<745	
41	N/A	N/A	N/A		N/A	N/A	
42							
43							
44							
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
55							
56							
57							
58							
59							
60							
61							
62							
63	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Drawing Showing Survey Points



44T CLC 01

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg. N/A	Mfg. N/A	Mfg. NE Electra
Model N/A	Model N/A	Model DP-6
Serial # N/A	Serial # N/A	Serial # 1392
Cal Due N/A	Cal Due N/A	Cal Due 6/28/05
Bkg. N/A cpm α	Bkg. N/A cpm α	Bkg. 3 cpm α
Eff. N/A %	Eff. N/A %	Eff. 17 %
MDA N/A dpm α	MDA N/A dpm α	MDA 94 dpm α
Mfg. EBERLINE	Mfg. EBERLINE	Mfg. NE Electra
Model BC-4	Model BC-4	Model DP-6
Serial # 694	Serial # 706	Serial # 1392
Cal Due 7/23/05	Cal Due 4/30/05	Cal Due 6/28/05
Bkg. 38.8 cpm β	Bkg. 45.4 cpm β	Bkg. 832 cpm β
Eff. 14 %	Eff. 14 %	Eff. 22 %
MDA 258 dpm β	MDA 258 dpm β	MDA 745 dpm β

SURVEY TRACKING #: 444-ELE-01

Survey Type: CONTAMINATION Page 1 of 4

Building: 444 Room 7

Location: Elevator Shaft Small Elevator #1

Purpose: Post pressure wash and Pre-Fixative

RWP #: N/A

Date: 1/19/05 Time: 14:00

RC [redacted]

RCT: N/A | N/A | N/A

Print Name | Signature | Emp. #

PRN/REN:

Comments: Isotope of Concern U-238. Shaft below basement floor not surveyed due to water.

SURVEY RESULTS

COPY

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Ceiling	N/A	<258	N/A	<745
2	Ceiling	N/A	<258	N/A	<745
3	Ceiling	N/A	<258	N/A	<745
4	Ceiling	N/A	<258	N/A	<745
5	Wall 6th Level	N/A	<258	N/A	959
6	Wall 6th Level	N/A	<258	N/A	<745
7	Wall 6th Level	N/A	<258	N/A	<745
8	Wall 6th Level	N/A	<258	N/A	1009
9	Wall 6th Level	N/A	<258	N/A	<745
10	Wall 6th Level	N/A	<258	N/A	<745
11	Wall 6th Level	N/A	<258	N/A	<745
12	Wall 6th Level	N/A	<258	N/A	<745
13	Wall 6th Level	N/A	<258	N/A	<745
14	Wall 6th Level	N/A	<258	N/A	<745
15	Wall 6th Level	N/A	<258	N/A	<745
16	Wall 6th Level	N/A	<258	N/A	<745
17	Wall 6th Level	N/A	<258	N/A	<745
18	Wall 6th Level	N/A	<258	N/A	<745
19	Wall 6th Level	N/A	<258	N/A	<745
20	Wall 6th Level	N/A	<258	N/A	<745
21	Wall 5th Level	N/A	<258	N/A	1409
22	Wall 5th Level	N/A	<258	N/A	1164
23	Wall 5th Level	N/A	<258	N/A	955
24	Wall 5th Level	N/A	<258	N/A	918
25	Wall 5th Level	[redacted]			

Date Reviewed: 1-20-05 RS Supervision: [redacted]

3-PRO-164-RSP-07.01 (effective 7/12/01)

184/814

RADIOLOGICAL SAFETY

Building: 444
Location: Elevator shaft Small
Purpose: Post pressure wash and Pre-Fixative Survey.

Date: 1/19/05
Time: 2:00 PM

COPY

#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
26	Wall 5th Level	N/A	<258	N/A	<745
27	Wall 5th Level	N/A	<258	N/A	1009
28	Wall 5th Level	N/A	<258	N/A	977
29	Wall 5th Level	N/A	<258	N/A	986
30	Wall 5th Level	N/A	<258	N/A	795
31	Wall 5th Level	N/A	<258	N/A	<745
32	Wall 5th Level	N/A	<258	N/A	<745
33	Wall 5th Level	N/A	<258	N/A	<745
34	Wall 5th Level	N/A	<258	N/A	955
35	Wall 4th Level	N/A	<258	N/A	1868
36	Wall 4th Level	N/A	<258	N/A	1409
37	Wall 4th Level	N/A	<258	N/A	1250
38	Wall 4th Level	N/A	<258	N/A	982
39	Wall 4th Level	N/A	<258	N/A	<745
40	Wall 4th Level	N/A	<258	N/A	<745
41	Wall 4th Level	N/A	<258	N/A	50923
42	Wall 4th Level	N/A	<258	N/A	101750
43	Wall 4th Level	N/A	<258	N/A	<745
44	Wall 4th Level	N/A	<258	N/A	<745
45	Wall 4th Level	N/A	<258	N/A	<745
46	Wall 4th Level	N/A	<258	N/A	<745
47	Wall 4th Level	N/A	<258	N/A	1286
48	Wall 4th Level	N/A	<258	N/A	782
49	Wall 4th Level	N/A	<258	N/A	<745
50	Wall 4th Level	N/A	<258	N/A	<745
51	Wall 3rd Level	N/A	<258	N/A	1018
52	Wall 3rd Level	N/A	<258	N/A	<745
53	Wall 3rd Level	N/A	<258	N/A	<745
54	Wall 3rd Level	N/A	<258	N/A	<745
55	Wall 3rd Level	N/A	<258	N/A	45909
56	Wall 3rd Level	N/A	<258	N/A	23709
57	Wall 3rd Level	N/A	<258	N/A	9564
58	Wall 3rd Level	N/A	<258	N/A	27973
59	Wall 3rd Level	N/A	<258	N/A	21609
60	Wall 3rd Level	N/A	<258	N/A	5832
61	Wall 3rd Level	N/A	<258	N/A	8295
62	Wall 3rd Level	N/A	<258	N/A	6873
63	Wall 3rd Level	N/A	<258	N/A	2386
64	Wall 3rd Level	N/A	<258	N/A	1886
65	Wall 2nd Level	N/A	<258	N/A	1118
66	Wall 2nd Level	N/A	<258	N/A	982
67	Wall 2nd Level	N/A	<258	N/A	<745
68	Wall 2nd Level	N/A	<258	N/A	<745
69	Wall 2nd Level	N/A	<258	N/A	19895
70	Wall 2nd Level	N/A	<258	N/A	15091
71	Wall 2nd Level	N/A	<258	N/A	9945

Building: 444 **RADIOLOGICAL SAFETY** Page 3 of 4

Location: Elevator shaft Small Date: 1/19/05

Purpose: Post pressure wash and Pre-Fixative Survey. Time: 2:00 PM

COPY

#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
72	Wall 2nd Level	N/A	<258	N/A	**2391**
73	Wall 2nd Level	N/A	<258	N/A	**1627**
74	Wall 2nd Level	N/A	<258	N/A	**973**
75	Wall 2nd Level	N/A	<258	N/A	<745
76	Wall 2nd Level	N/A	<258	N/A	**859**
77	Wall 2nd Level	N/A	<258	N/A	**38795**
78	Wall 2nd Level	N/A	<258	N/A	**8918**
79	Wall 2nd Level	N/A	<258	N/A	**23791**
80	Wall 2nd Level	N/A	<258	N/A	**2909**
81	Wall 1st Level	N/A	<258	N/A	**1023**
82	Wall 1st Level	N/A	<258	N/A	<745
83	Wall 1st Level	N/A	<258	N/A	<745
84	Wall 1st Level	N/A	<258	N/A	<745
85	Wall 1st Level	N/A	<258	N/A	**1886**
86	Wall 1st Level	N/A	<258	N/A	<745
87	Wall 1st Level	N/A	<258	N/A	**1691**
88	Wall 1st Level	N/A	<258	N/A	**1132**
89	Wall 1st Level	N/A	<258	N/A	**900**
90	Wall 1st Level	N/A	<258	N/A	<745
91	Wall 1st Level	N/A	<258	N/A	**20132**
92	Wall 1st Level	N/A	<258	N/A	**5664**
93	Wall 1st Level	N/A	<258	N/A	**5395**
94	Wall 1st Level	N/A	<258	N/A	**5023**
95	N/A	N/A	N/A	N/A	N/A
96	N/A	N/A	N/A	N/A	N/A
97	N/A	N/A	N/A	N/A	N/A
98	N/A	N/A	N/A	N/A	N/A
99	N/A	N/A	N/A	N/A	N/A
100	N/A	N/A	N/A	N/A	N/A
101	N/A	N/A	N/A	N/A	N/A
102	N/A	N/A	N/A	N/A	N/A
103	N/A	N/A	N/A	N/A	N/A
104	N/A	N/A	N/A	N/A	N/A
105	N/A	N/A	N/A	N/A	N/A
106	N/A	N/A	N/A	N/A	N/A
107	N/A	N/A	N/A	N/A	N/A
108	N/A	N/A	N/A	N/A	N/A
109	N/A	N/A	N/A	N/A	N/A
110	N/A	N/A	N/A	N/A	N/A
111	N/A	N/A	N/A	N/A	N/A
112	N/A	N/A	N/A	N/A	N/A
113	N/A	N/A	N/A	N/A	N/A
114	N/A	N/A	N/A	N/A	N/A
115	N/A	N/A	N/A	N/A	N/A
116	N/A	N/A	N/A	N/A	N/A
117	N/A	N/A	N/A	N/A	N/A

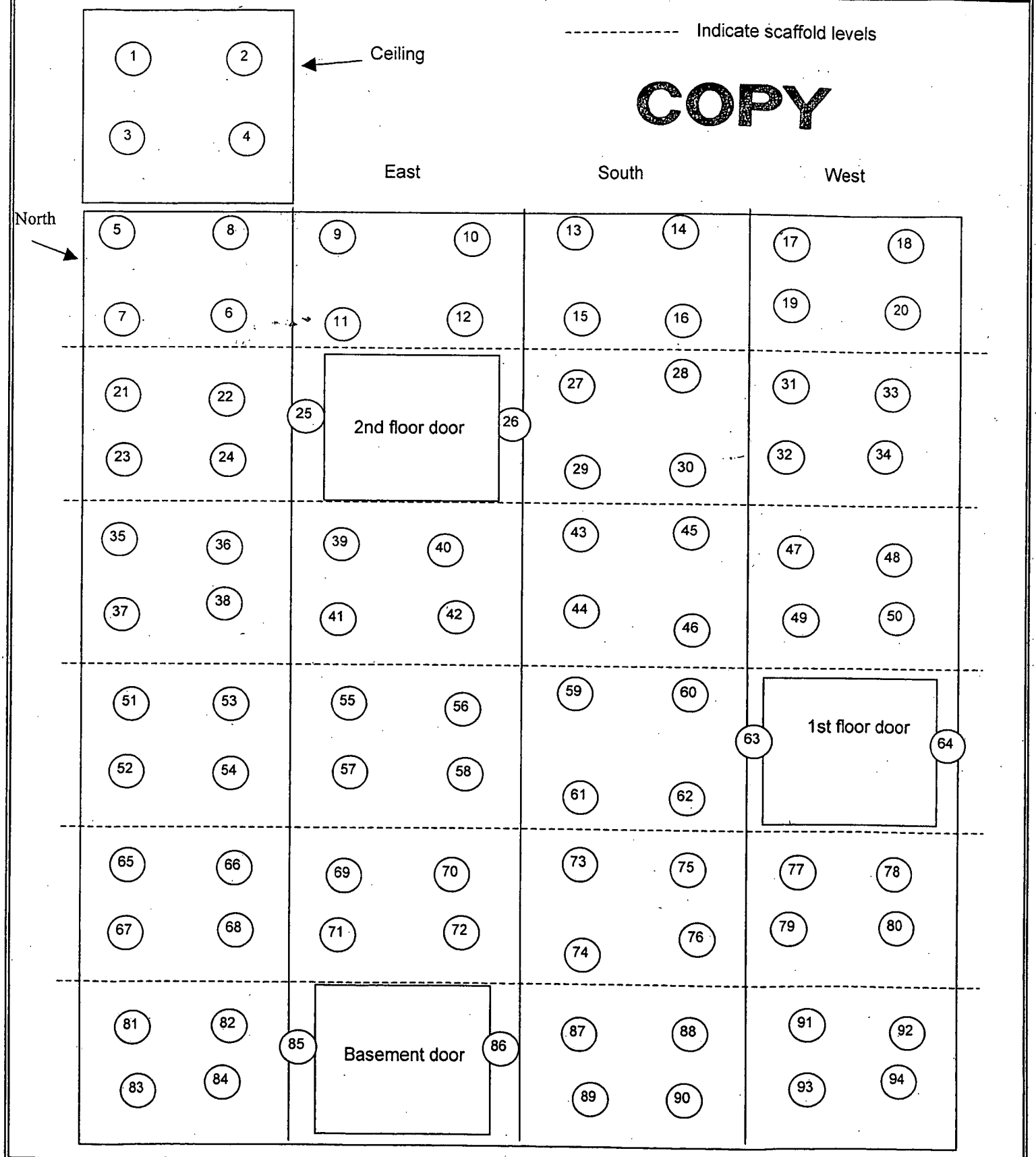
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Building: 444
Location: Elevator Shaft Small
Purpose: Post pressure wash and Pre-Fixative Survey

Date: 1/19/05
Time: 2:00 PM



444-222-0.C

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	821	Serial #	1156	Serial #	2316
Cal Due	3/29/05	Cal Due	3/22/05	Cal Due	6/28/05
Bkg.	0.3 cpm α	Bkg.	0.6 cpm α	Bkg.	3 cpm α
Eff.	33 %	Eff.	33 %	Eff.	17 %
MDA	20 dpm α	MDA	20 dpm α	MDA	94 dpm α
Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	694	Serial #	706	Serial #	2316
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	6/28/05
Bkg.	40 cpm β	Bkg.	42.6 cpm β	Bkg.	898 cpm β
Eff.	14 %	Eff.	14 %	Eff.	22 %
MDA	258 dpm β	MDA	258 dpm β	MDA	745 dpm β

SURVEY TRACKING #: 444-ELE-02

Survey Type: CONTAMINATION Page 1 of 5

Building: 444

Location: Elevator Shaft ACCESS FROM Rm 3 Elevator #2

Purpose: Post pressure wash PRE Fix

RWP #: N/A

Date: 1/17/05 Time: 10:45

RCT: [redacted]

RCT:	N/A	N/A	N/A
	Print Name	Signature	Emp. #

PRN/REN:

Comments: Isotope of Concern U-238. Shaft below basement floor not surveyed due to filled with water.

SURVEY RESULTS

COPY

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Ceiling	N/A	<258	N/A	<745
2	Ceiling	N/A	<258	N/A	<745
3	Ceiling	N/A	<258	N/A	<745
4	Ceiling	N/A	<258	N/A	<745
5	Ceiling	N/A	<258	N/A	<745
6	Ceiling	N/A	<258	N/A	<745
7	North shaft wall	N/A	<258	N/A	<745
8	North shaft wall	N/A	<258	N/A	<745
9	North shaft wall	N/A	<258	N/A	<745
10	North shaft wall	N/A	<258	N/A	<745
11	North shaft wall	N/A	<258	N/A	<745
12	North shaft wall	N/A	<258	N/A	<745
13	North shaft wall	N/A	<258	N/A	<745
14	North shaft wall	N/A	<258	N/A	<745
15	North shaft wall	N/A	<258	N/A	<745
16	North shaft wall	N/A	<258	N/A	<745
17	North shaft wall	N/A	<258	N/A	<745
18	North shaft wall	N/A	<258	N/A	<745
19	North shaft wall	N/A	<258	N/A	<745
20	North shaft wall	N/A	<258	N/A	<745
21	North shaft wall	N/A	<258	N/A	<745
22	North shaft wall	N/A	<258	N/A	<745
23	North shaft wall	N/A	<258	N/A	<745
24	North shaft wall	N/A	<258	N/A	<745
25	North shaft wall	[redacted]			

Date Reviewed: 1-18-05 **RS Supervision:** [redacted]

Print Name Signature Emp. #

3-PRO-164-RSP-07.01 (effective 7/12/01)

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

RADIOLOGICAL SAFETY

Building: 444
Location: Elevator shaft
Purpose: Post pressure wash

Date: 1/17/05
Time: 10:45 AM

COPY

#	Description	REMOVABLE DPM/100 CM²		DIRECT DPM/100 CM²	
		ALPHA	BETA	ALPHA	BETA
26	North shaft wall	N/A	<258	N/A	<745
27	North shaft wall	N/A	<258	N/A	<745
28	North shaft wall	N/A	<258	N/A	<745
29	North shaft wall	N/A	<258	N/A	<745
30	North shaft wall	N/A	<258	N/A	<745
31	North shaft wall	N/A	<258	N/A	<745
32	North shaft wall	N/A	<258	N/A	<745
33	North shaft wall	N/A	<258	N/A	<745
34	North shaft wall	N/A	<258	N/A	<745
35	North shaft wall	N/A	<258	N/A	<745
36	North shaft wall	N/A	<258	N/A	<745
37	North shaft wall	N/A	<258	N/A	<745
38	North shaft wall	N/A	<258	N/A	<745
39	North shaft wall	N/A	<258	N/A	<745
40	North shaft wall	N/A	<258	N/A	<745
41	North shaft wall	N/A	<258	N/A	<745
42	North shaft wall	N/A	<258	N/A	<745
43	East shaft wall	N/A	<258	N/A	<745
44	East shaft wall	N/A	<258	N/A	<745
45	East shaft wall	N/A	<258	N/A	<745
46	East shaft wall	N/A	<258	N/A	<745
47	East shaft wall	N/A	<258	N/A	<745
48	East shaft wall	N/A	<258	N/A	<745
49	East shaft wall	N/A	<258	N/A	<745
50	East shaft wall	N/A	<258	N/A	<745
51	East shaft wall	N/A	<258	N/A	<745
52	East shaft wall	N/A	<258	N/A	<745
53	East shaft wall	N/A	<258	N/A	**10500**
54	East shaft wall	N/A	<258	N/A	**9000**
55	East shaft wall	N/A	<258	N/A	**8000**
56	East shaft wall	N/A	<258	N/A	**11750**
57	East shaft wall	N/A	<258	N/A	**5750**
58	East shaft wall	N/A	<258	N/A	**10000**
59	East shaft wall	N/A	<258	N/A	<745
60	East shaft wall	N/A	<258	N/A	<745
61	East shaft wall	N/A	<258	N/A	<745
62	East shaft wall	N/A	<258	N/A	<745
63	East shaft wall	N/A	<258	N/A	**28000**
64	East shaft wall	N/A	<258	N/A	**21000**
65	East shaft wall	N/A	<258	N/A	**12250**
66	East shaft wall	N/A	<258	N/A	**29000**
67	East shaft wall	N/A	<258	N/A	**38000**
68	East shaft wall	N/A	<258	N/A	**15500**
69	East shaft wall	N/A	<258	N/A	<745
70	East shaft wall	N/A	<258	N/A	<745
71	East shaft wall	N/A	<258	N/A	<745

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

RADIOLOGICAL SAFETY

Building: 444
Location: Elevator shaft
Purpose: Post pressure wash

Date: 1/17/05
Time: 10:45 AM

COPY

#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
72	East shaft wall	N/A	<258	N/A	<745
73	South shaft wall	N/A	<258	N/A	<745
74	South shaft wall	N/A	<258	N/A	<745
75	South shaft wall	N/A	<258	N/A	<745
76	South shaft wall	N/A	<258	N/A	<745
77	South shaft wall	N/A	<258	N/A	<745
78	South shaft wall	N/A	<258	N/A	<745
79	South shaft wall	N/A	<258	N/A	<745
80	South shaft wall	N/A	<258	N/A	<745
81	South shaft wall	N/A	<258	N/A	<745
82	South shaft wall	N/A	<258	N/A	<745
83	South shaft wall	N/A	<258	N/A	<745
84	South shaft wall	N/A	<258	N/A	<745
85	South shaft wall	N/A	<258	N/A	<745
86	South shaft wall	N/A	<258	N/A	<745
87	South shaft wall	N/A	<258	N/A	<745
88	South shaft wall	N/A	<258	N/A	<745
89	South shaft wall	N/A	<258	N/A	<745
90	South shaft wall	N/A	<258	N/A	<745
91	South shaft wall	N/A	<258	N/A	<745
92	South shaft wall	N/A	<258	N/A	<745
93	South shaft wall	N/A	<258	N/A	<745
94	South shaft wall	N/A	<258	N/A	<745
95	South shaft wall	N/A	<258	N/A	<745
96	South shaft wall	N/A	<258	N/A	<745
97	South shaft wall	N/A	<258	N/A	<745
98	South shaft wall	N/A	<258	N/A	<745
99	South shaft wall	N/A	<258	N/A	<745
100	South shaft wall	N/A	<258	N/A	<745
101	South shaft wall	N/A	<258	N/A	<745
102	South shaft wall	N/A	<258	N/A	<745
103	South shaft wall	N/A	<258	N/A	<745
104	South shaft wall	N/A	<258	N/A	<745
105	South shaft wall	N/A	<258	N/A	<745
106	South shaft wall	N/A	<258	N/A	<745
107	South shaft wall	N/A	<258	N/A	<745
108	South shaft wall	N/A	<258	N/A	<745
109	West shaft wall	N/A	<258	N/A	<745
110	West shaft wall	N/A	<258	N/A	<745
111	West shaft wall	N/A	<258	N/A	<745
112	West shaft wall	N/A	<258	N/A	<745
113	West shaft wall	N/A	<258	N/A	<745
114	West shaft wall	N/A	<258	N/A	<745
115	West shaft wall	N/A	<258	N/A	<745
116	West shaft wall	N/A	<258	N/A	<745
117	West shaft wall	N/A	<258	N/A	<745

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

RADIOLOGICAL SAFETY

Building: 444
Location: Elevator shaft
Purpose: Post pressure wash

Date: 1/17/05
Time: 10:45 AM

COPY

#	Description	REMOVABLE DPM/100 CM²		DIRECT DPM/100 CM²	
		ALPHA	BETA	ALPHA	BETA
118	West shaft wall	N/A	<258	N/A	<745
119	West shaft wall	N/A	<258	N/A	**23500**
120	West shaft wall	N/A	<258	N/A	**10500**
121	West shaft wall	N/A	<258	N/A	**6500**
122	West shaft wall	N/A	<258	N/A	**11000**
123	West shaft wall	N/A	<258	N/A	**10000**
124	West shaft wall	N/A	<258	N/A	**6500**
125	West shaft wall	N/A	<258	N/A	<745
126	West shaft wall	N/A	<258	N/A	<745
127	West shaft wall	N/A	<258	N/A	<745
128	West shaft wall	N/A	<258	N/A	<745
129	West shaft wall	N/A	<258	N/A	**11000**
130	West shaft wall	N/A	<258	N/A	**3750**
131	West shaft wall	N/A	<258	N/A	**8500**
132	West shaft wall	N/A	<258	N/A	**9500**
133	West shaft wall	N/A	<258	N/A	**3250**
134	West shaft wall	N/A	<258	N/A	**6750**
135	West shaft wall	N/A	<258	N/A	<745
136	West shaft wall	N/A	<258	N/A	<745
137	West shaft wall	N/A	<258	N/A	<745
138	West shaft wall	N/A	<258	N/A	<745
139	N/A	N/A	N/A	N/A	N/A
140	N/A	N/A	N/A	N/A	N/A
141	N/A	N/A	N/A	N/A	N/A
142	N/A	N/A	N/A	N/A	N/A
143	N/A	N/A	N/A	N/A	N/A
144	N/A	N/A	N/A	N/A	N/A
145	N/A	N/A	N/A	N/A	N/A
146	N/A	N/A	N/A	N/A	N/A
147	N/A	N/A	N/A	N/A	N/A
148	N/A	N/A	N/A	N/A	N/A
149	N/A	N/A	N/A	N/A	N/A
150	N/A	N/A	N/A	N/A	N/A
151	N/A	N/A	N/A	N/A	N/A
152	N/A	N/A	N/A	N/A	N/A
153	N/A	N/A	N/A	N/A	N/A
154	N/A	N/A	N/A	N/A	N/A
155	N/A	N/A	N/A	N/A	N/A
156	N/A	N/A	N/A	N/A	N/A
157	N/A	N/A	N/A	N/A	N/A
158	N/A	N/A	N/A	N/A	N/A
159	N/A	N/A	N/A	N/A	N/A
160	N/A	N/A	N/A	N/A	N/A
161	N/A	N/A	N/A	N/A	N/A
162	N/A	N/A	N/A	N/A	N/A
163	N/A	N/A	N/A	N/A	N/A

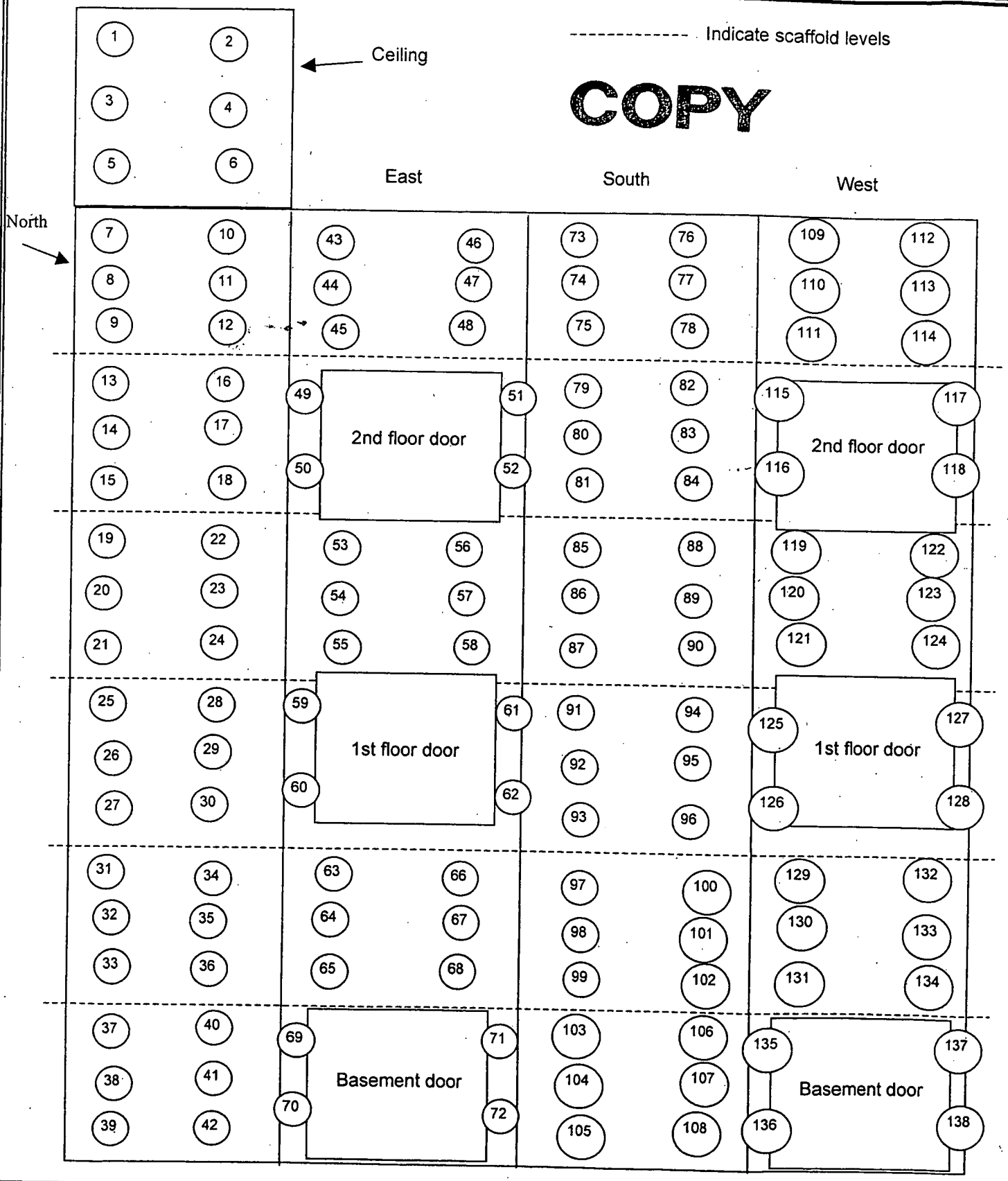
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Elevator Shaft
Purpose: Post pressure wash

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Page 5 of 5
Date: 1/17/05
Time: 10:45 AM



3-PRO-164-RSP-07.01 (effective 7/12/01)

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg. EBERLINE	Mfg. EBERLINE	Mfg. NE Electra
Model SAC-4	Model SAC-4	Model DP-6
Serial # 821	Serial # 1156	Serial # 2319
Cal Due 3/29/05	Cal Due 3/22/05	Cal Due 6/8/05
Bkg. 0.3 cpm α	Bkg. 0.1 cpm α	Bkg. 6 cpm α
Eff. 33 %	Eff. 33 %	Eff. 17 %
MDA 20 dpm α	MDA 20 dpm α	MDA 94 dpm α
Mfg. EBERLINE	Mfg. EBERLINE	Mfg. NE Electra
Model BC-4	Model BC-4	Model DP-6
Serial # 694	Serial # 706	Serial # 2319
Cal Due 7/23/05	Cal Due 4/30/05	Cal Due 6/8/05
Bkg. 39.4 cpm β	Bkg. 44.3 cpm β	Bkg. 926 cpm β
Eff. 14 %	Eff. 14 %	Eff. 22 %
MDA 258 dpm β	MDA 258 dpm β	MDA 745 dpm β

Survey Type: CONTAMINATION Page 1 of 2

Building: 444

Location: Room 7 elevator (small) Elevator #1

Purpose: Post decon/pre fixative

RWP #: N/A

Date: 1/22/05 Time: 15:00

RCT: [redacted]

RCT:	N/A	N/A	N/A
	Print Name	Signature	Emp. #

PRN/REN: N/A

Comments: Isotope of Concern U-238.

SURVEY RESULTS

COPY

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Elevator bottom	N/A	<258	N/A	70000
2	Elevator bottom	N/A	<258	N/A	165000
3	Elevator bottom	N/A	<258	N/A	37500
4	Elevator bottom	N/A	<258	N/A	25000
5	Elevator bottom	N/A	<258	N/A	6750
6	N/A	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A
24	N/A	N/A	N/A	N/A	N/A
25	N/A	N/A	N/A	N/A	N/A

Date Reviewed: 1-24-05 **RS Supervision:** [redacted]

Print Name Signature Emp. #

3-PRO-164-RSP-07.01 (effective 7/12/01)

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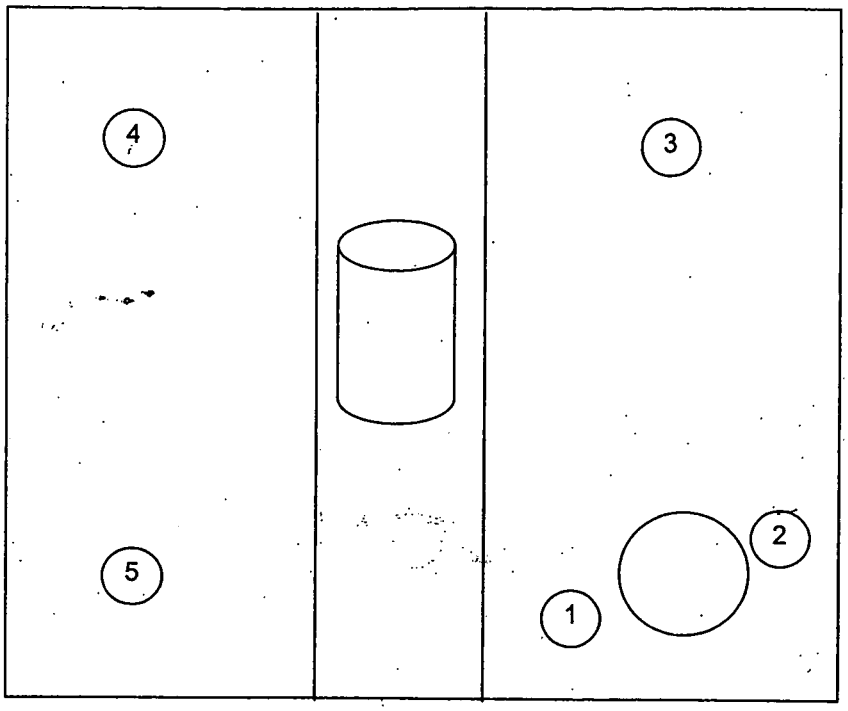
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Building: 444
Location: Room 7 elevator (small)
Purpose: Post decon/pre fixative

Date: 1/22/05
Time: 3:00 PM



N

COPY

444 ELE-04

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model	N/A	Model	N/A	Model	DP-6
Serial #	N/A	Serial #	N/A	Serial #	2319
Cal Due	N/A	Cal Due	N/A	Cal Due	6/8/05
Bkg.	N/A cpm α	Bkg.	N/A cpm α	Bkg.	4 cpm α
Eff.	N/A %	Eff.	N/A %	Eff.	17 %
MDA	N/A dpm α	MDA	N/A dpm α	MDA	94 dpm α
Mfg.	EBERLINE	Mfg.	EBERLINE	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	694	Serial #	706	Serial #	2319
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	6/8/05
Bkg.	38.9 cpm β	Bkg.	42.8 cpm β	Bkg.	918 cpm β
Eff.	14 %	Eff.	14 %	Eff.	22 %
MDA	258 dpm β	MDA	258 dpm β	MDA	745 dpm β

SURVEY TRACKING #: 444-ELE-04

Survey Type: CONTAMINATION Page 1 of 2

Building: 444 Room 3

Location: ~~Room 10~~ elevator (Large) Elevator #2

Purpose: Post decon/pre fixative

RWP # : N/A

Date: 1/25/05 Time: 15:00

RCT [redacted]

Print Name	Signature	Emp. #

RCT: N/A | N/A | N/A

Print Name	Signature	Emp. #

PRN/REN : N/A

Comments: Isotope of Concern U-238. Scan Surface Area for Highest Level.

COPY

SURVEY RESULTS

#	See Map	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Elevator Wall	N/A	<258	N/A	175000
2	Elevator bottom	N/A	<258	N/A	130000
3	Elevator bottom	N/A	<258	N/A	75000
4	Elevator bottom	N/A	<258	N/A	65000
5	Elevator bottom	N/A	<258	N/A	50000
6	Elevator Wall	N/A	<258	N/A	30000
7	Elevator Wall	N/A	<258	N/A	12500
8	Elevator Wall	N/A	<258	N/A	12500
9	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A
24	N/A	N/A	N/A	N/A	N/A
25	N/A	N/A	N/A	N/A	N/A

Date Reviewed: 1-26-05 RS Supervision: [redacted]

3-PRO-164-RSP-07.01 (effective 7/12/01)

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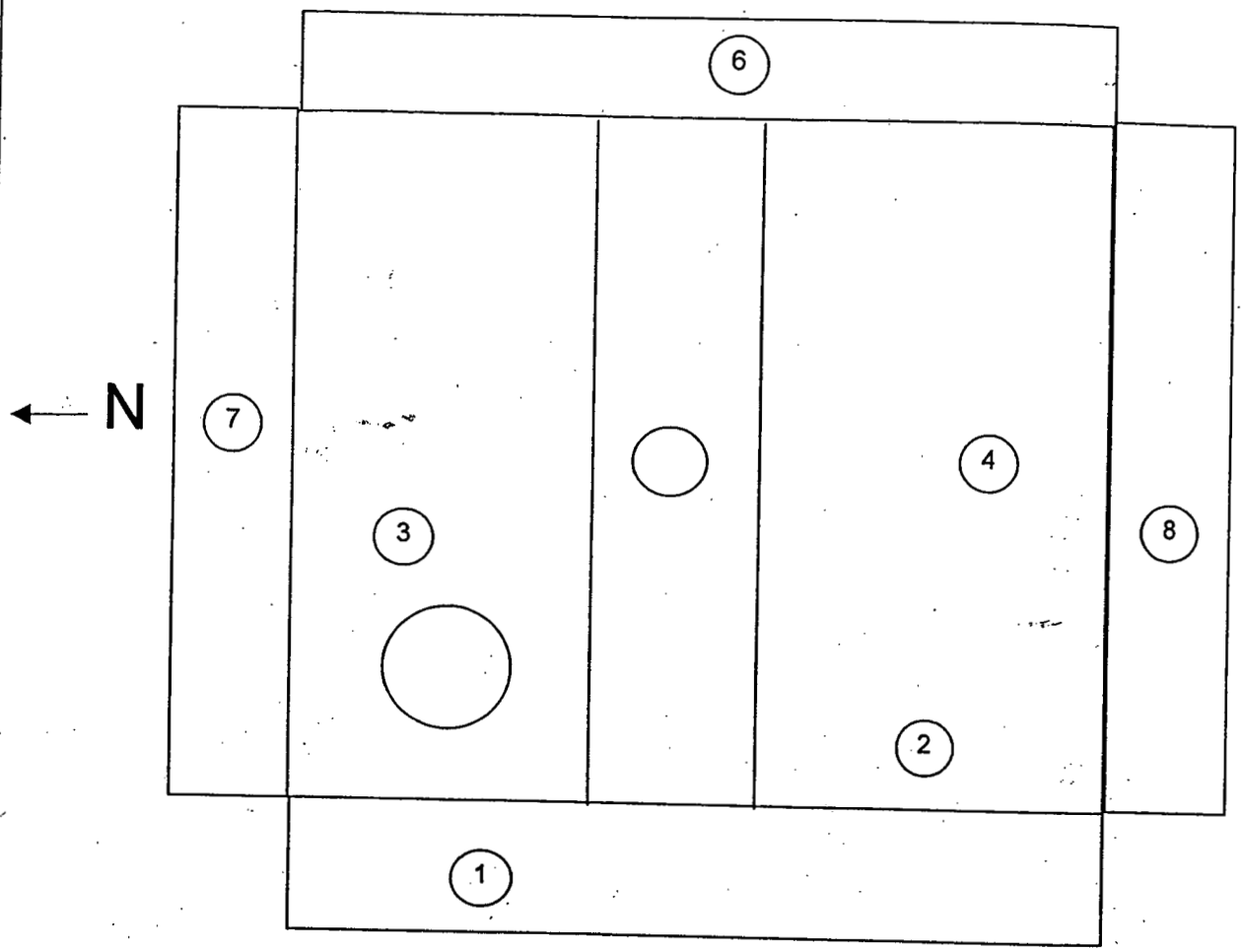
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Room 10 elevator (Large)
Purpose: Post decon/pre fixative

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Date: 1/25/05
Time: 3:00 PM



COPY

COPY 444-U146-08

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	763	Serial #	821	Serial #	1242
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	2/28/05
Bkg	0.4 cpmα	Bkg	0.5 cpmα	Bkg	8 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	694	Serial #	706	Serial #	1242
Cal Due	7/23/05	Cal Due	4/30/05	Cal Due	2/28/05
Bkg	49.2 cpmβ	Bkg	42.7 cpmβ	Bkg	800 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey Type: Alpha & Beta Contamination

Building: 444

Location: Room 10 large pit

Purpose: Post decon

Pre-fix

RWP #: 05-444-0003

Date: 1/31/05 Time: 14:30

[redacted]

	Print name	Signature	Emp. #
RCT:	N/A	N/A	N/A

PRN/REN # : N/A

Comments: Isotope of concern U-238. Survey is for post decon in Room 10 large pit. Readings are highest found in area indicated. Dashed areas on map indicate ceiling readings and features.

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Northeast corner on floor	<20	<94	N/A	<258	**413636**	N/A
2	North wall 3 feet from floor	<20	<94		<258	<745	
3	North wall 2 feet from floor	<20	<94		<258	<745	
4	West wall 2 feet from floor	<20	<94		<258	<745	
5	West wall 3 feet from floor	<20	<94		<258	<745	
6	South wall 3 feet from floor	<20	<94		<258	<745	
7	South wall 2 feet from floor	<20	<94		<258	<745	
8	East wall 3 feet from floor	<20	<94		<258	<745	
9	East wall 2 feet from floor	<20	<94		<258	<745	
10	Floor 4 feet from west wall	<20	<94		<258	<745	
11	Ceiling 2 feet from west wall	<20	<94		<258	<745	
12	Ceiling 3 feet from east wall	<20	<94		<258	<745	
13	N/A	N/A	N/A		N/A	N/A	
14							
15							
16							
17							
18							
19							
20	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Date Reviewed: 1-31-05 **RS Supervision:** [redacted]

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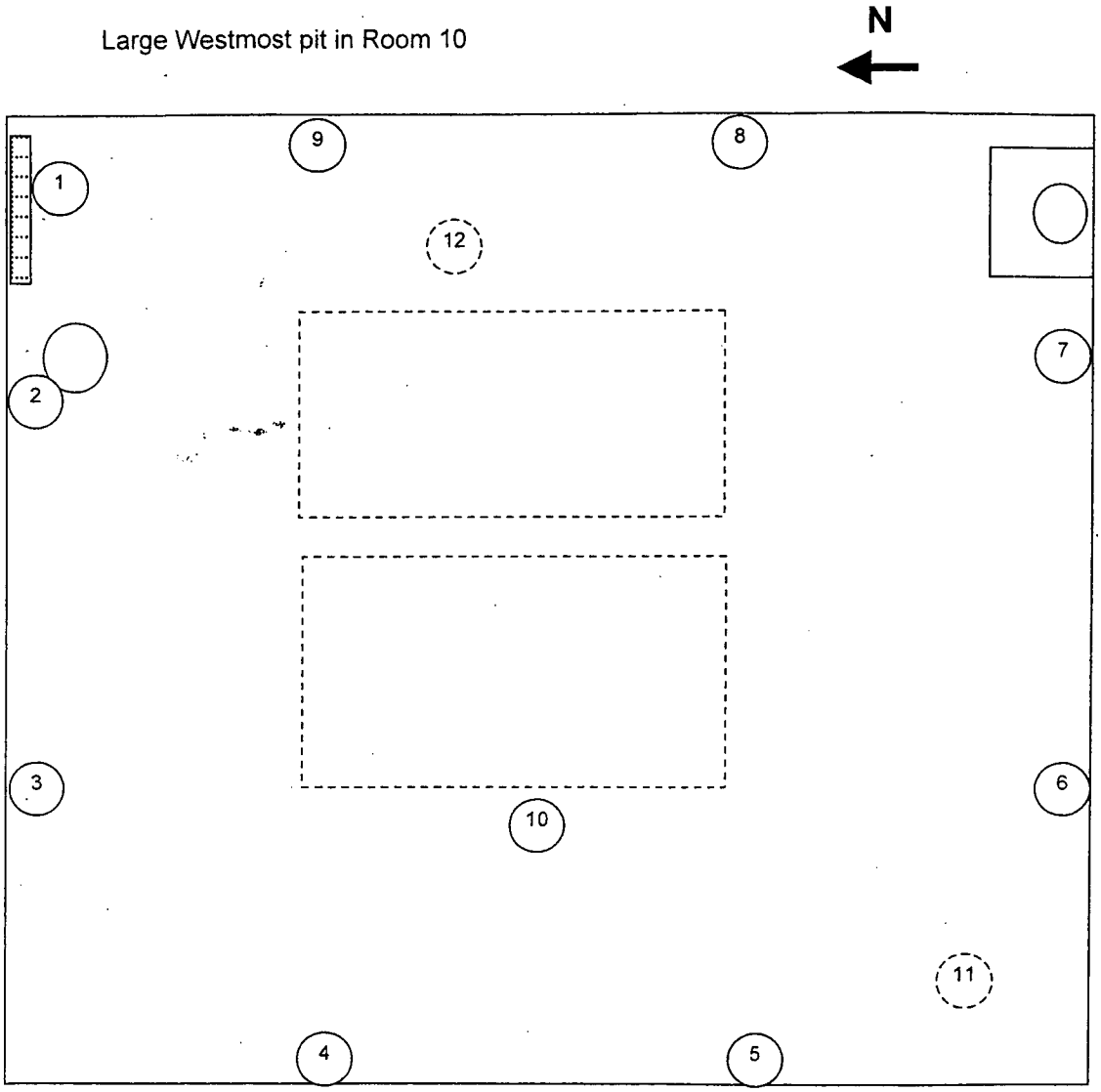
COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Drawing Showing Survey Points

Large Westmost pit in Room 10



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444-V146-~~10~~ 09

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	NE	Mfg.	EBERLINE	Mfg.	EBERLINE
Model	ELECTRA	Model	SAC-4	Model	SAC-4
Serial #	1392	Serial #	971	Serial #	763
Cal Due	6/28/05	Cal Due	3/20/05	Cal Due	3/20/05
Bkg.	7 cpm α	Bkg.	0.3 cpm α	Bkg.	0.4 cpm α
Eff.	22.0 %	Eff.	33 %	Eff.	33.0 %
MDA	94 dpm α	MDA	20 dpm α	MDA	20 dpm α

Mfg.	NE	Mfg.	EBERLINE	Mfg.	EBERLINE
Model	ELECTRA	Model	BC-4	Model	BC-4
Serial #	1392	Serial #	924	Serial #	773
Cal Due	6/28/05	Cal Due	7/8/05	Cal Due	10/21/05
Bkg.	806 cpm β	Bkg.	43.7 cpm β	Bkg.	43.4 cpm β
Eff.	17 %	Eff.	14 %	Eff.	14.0 %
MDA	745 dpm β	MDA	248 dpm β	MDA	248 dpm β

Survey Type: CONTAMINATION Page 1 of 2

Building: 444

Location: Rm. 10 Small Sump

Purpose: Post Decon & Pre-Fixative Survey

RWP #: 05-444-0003 **COPY**

Date: 3-Feb-05 Time: 9:00

RCT: [redacted]

Print Name Signature Emp. #

RCT: N/A | N/A | N/A

Print Name Signature Emp. #

PRN/REN:

Comments: Isotope of Concern U-238. Scan for Highest Reading. Swipes Oily.

SURVEY RESULTS

#	See Map	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	On Floor	**99**	**371**	N/A	**300K**
2	On Floor	**24**	<258	N/A	**50K**
3	On Wall	**102**	**968**	N/A	**300K**
4	On Wall	**105**	**700**	N/A	**425K**
5	On Wall	<20	<258	N/A	**300k**
6	On Wall	**57**	**329**	N/A	**150k**
7	On Wall	**24**	**291**	N/A	**300k**
8	On Wall	**105**	**825**	N/A	**150k**
9	On Ceiling	<20	<258	N/A	**50k**
10	On Ceiling	**30**	<258	N/A	**50k**
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A
24	N/A	N/A	N/A	N/A	N/A
25	N/A	N/A	N/A	N/A	N/A

Date Reviewed: 2-4-05 RS Supervision: [redacted]

Print Name Signature Emp. #

3-PRO-164-RSP-07.01 (effective 7/12/01)

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

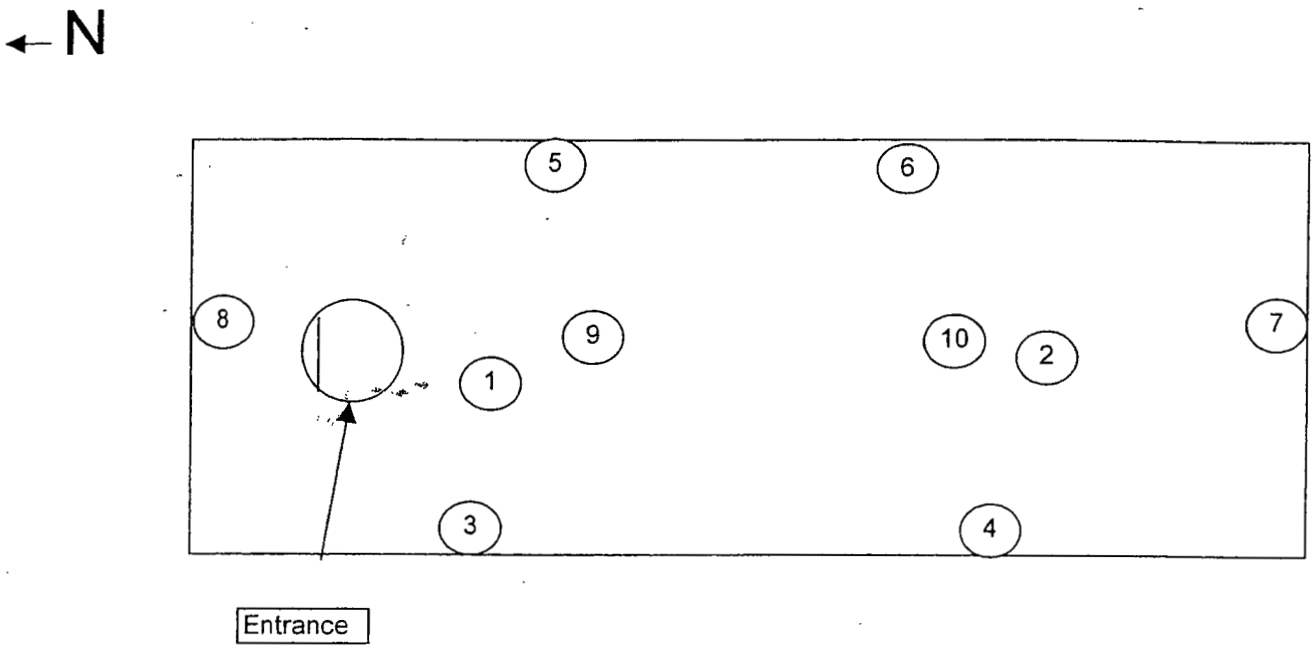
Building: 444
Location: Rm. 10 Small Sump
Purpose: Post Decon & Pre-fixative Survey.

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

COPY

Date: 2/3/05
Time: 9:00 AM



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ATTACHMENT B-12

VIA 6 POST-FIXATIVE LLW SURVEY FORMS

444-U146-1D

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	N/A	Mfg.	N/A	Mfg.	N/A
Model		Model		Model	
Serial #		Serial #		Serial #	
Cal Due		Cal Due		Cal Due	
Bkg.	cpm α	Bkg.	cpm α	Bkg.	cpm α
Eff.	%	Eff.	%	Eff.	%
MDA	N/A dpm α	MDA	N/A dpm α	MDA	N/A dpm α
Mfg.	N/A	Mfg.	EBERLINE	Mfg.	EBERLINE
Model		Model	BC-4	Model	BC-4
Serial #		Serial #	924	Serial #	773
Cal Due		Cal Due	10/12/05	Cal Due	10/21/05
Bkg.	cpm β	Bkg.	43.9 cpm β	Bkg.	41.5 cpm β
Eff.	%	Eff.	14 %	Eff.	14.0 %
MDA	N/A dpm β	MDA	248 dpm β	MDA	248 dpm β

Survey Type: CONTAMINATION **Page** 1 **of** 2

Building: 444

Location: Rm. 10 Small Sump

Purpose: Post Fixative Survey

RWP #: 05-444-0003 **COPY**

Date: 02/07/05 Time: 9:45

RC[redacted]

RCT: N/A | N/A | N/A

Print Name | Signature | Emp. #

PRN/REN:

Comments: Isotope of Concern U-238. Swipes

SURVEY RESULTS

#	See Map	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	On Floor	N/A	<258	N/A	N/A
2	On Floor	N/A	<258	N/A	N/A
3	On Wall	N/A	<258	N/A	N/A
4	On Wall	N/A	<258	N/A	N/A
5	On Wall	N/A	<258	N/A	N/A
6	On Wall	N/A	<258	N/A	N/A
7	On Wall	N/A	<258	N/A	N/A
8	On Wall	N/A	<258	N/A	N/A
9	On Ceiling	N/A	<258	N/A	N/A
10	On Ceiling	N/A	<258	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A
24	N/A	N/A	N/A	N/A	N/A
25	N/A	N/A	N/A	N/A	N/A

Date Reviewed: 2-7-05 **RS Supervision:** [redacted]

3-PRO-164-RSP-07.01 (effective 7/12/01)

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

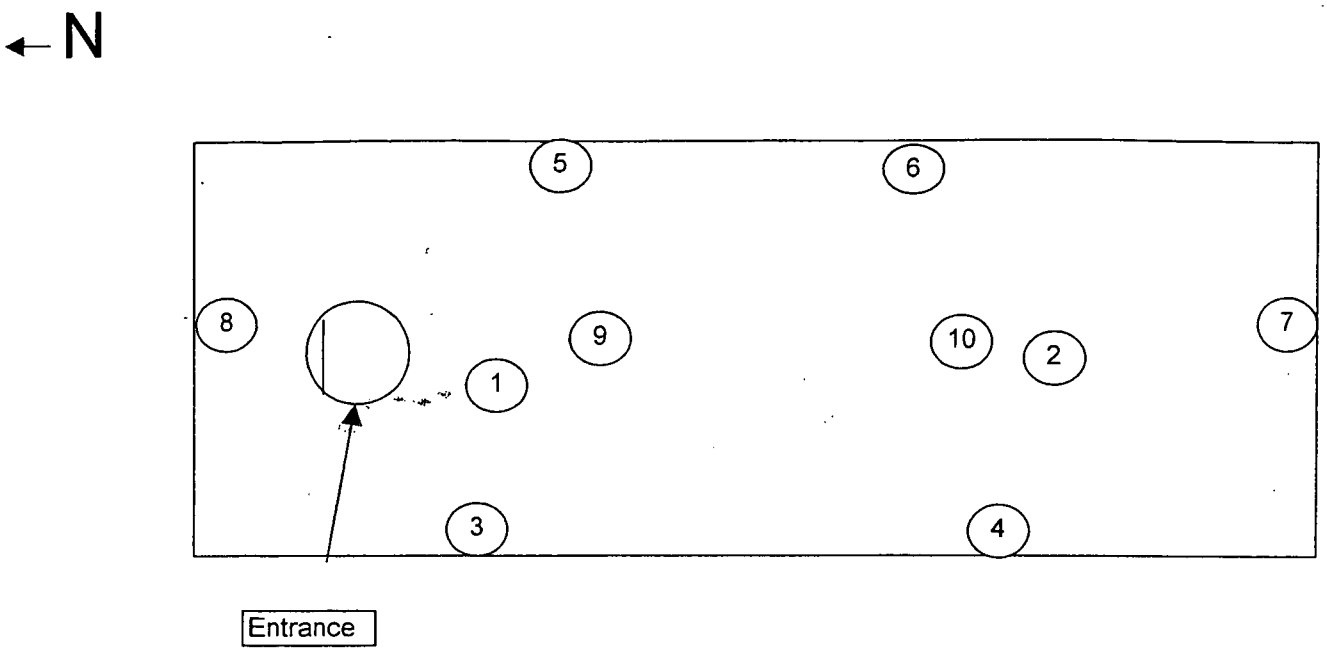
Building: 444
Location: Rm. 10 Small Sump
Purpose: Post Fixative Survey.

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

COPY

Date: 2/7/05
Time: 9:45 AM



ATTACHMENT B-13

VIA 7 PRE-FIXATIVE LLW SURVEY FORMS

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model		Model		Model	DP-6
Serial #		Serial #		Serial #	1535
Cal Due		Cal Due		Cal Due	7/10/05
Bkg	cpmα	Bkg	cpmα	Bkg	3 cpmα
Efficiency	▽ %	Efficiency	▽ %	Efficiency	17 %
MDA	N/A dpmα	MDA	N/A dpmα	MDA	94 dpmα

Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model		Model		Model	DP-6
Serial #		Serial #		Serial #	1535
Cal Due		Cal Due		Cal Due	7/10/05
Bkg	cpmβ	Bkg	cpmβ	Bkg	827 cpmβ
Efficiency	▽ %	Efficiency	▽ %	Efficiency	22 %
MDA	N/A dpmβ	MDA	N/A dpmβ	MDA	745 dpmβ

Survey tracking#: 444-V/A7-01

Survey Type: Contamination

Building: 444

Location: RM-4 Plenum

Purpose: survey conductd after presure wash

RWP #: **05-444-0003** Pre-fix

Date: **1/22/05** Time: 10:00

[redacted]

PRN/REN #: N/A

Comments: Isotope of concern U-238

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Floor	<94	<94	N/A	<745	<745	N/A
2	Floor	<94	<94	N/A	<745	<745	N/A
3	Floor	<94	<94	N/A	<745	<745	N/A
4	Wall above 6'	<94	**4.86k**	N/A	<745	**15k**	N/A
5	Wall below 6'	<94	**7.5k**	N/A	<745	**265k**	N/A
6	Wall above 6'	<94	**1.4k**	N/A	<745	**825k**	N/A
7	Wall below 6'	<94	**1.5k**	N/A	<745	**600k**	N/A
8	Frame above 6'	<94	<94	N/A	<745	<745	N/A
9	Frame below 6'	<94	<94	N/A	<745	<745	N/A
10	Frame above 6'	<94	**3.5k**	N/A	<745	**30k**	N/A
11	Frame below 6'	<94	**650**	N/A	<745	**20k**	N/A
12	Frame above 6'	<94	<94	N/A	<745	<745	N/A
13	Frame below 6'	<94	**378**	N/A	<745	**95k**	N/A
14	Frame above 6'	<94	<94	N/A	<745	<745	N/A
15	Frame below 6'	<94	<94	N/A	<745	<745	N/A
16	Frame above 6'	<94	<94	N/A	<745	<745	N/A
17	Frame below 6'	<94	**104.8k**	N/A	<745	**40k**	N/A
18	Frame above 6'	<94	**2.52k**	N/A	<745	**20k**	N/A
19	Frame below 6'	<94	<94	N/A	<745	<745	N/A
20	Frame above 6'	<94	**246**	N/A	<745	**40k**	N/A

Date Reviewed: 1-26-05 **RS Supervision:** [redacted]

205/814

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
21	Frame below 6'	<94	<94	N/A	<745	<745	N/A
22	Wall above 6'	<94	**150k**	N/A	<745	**145k**	N/A
23	Wall below 6'	<94	**7.2k**	N/A	<745	**70k**	N/A
24	Frame above 6'	<94	<94	N/A	<745	<745	N/A
25	Frame below 6'	<94	<94	N/A	<745	<745	N/A
26	Frame above 6'	<94	**4.2k**	N/A	<745	**4.2k**	N/A
27	Frame below 6'	<94	**1.7k**	N/A	<745	<745	N/A
28	Frame above 6'	<94	**7.2**	N/A	<745	**5k**	N/A
29	Frame below 6'	<94	**2k**	N/A	<745	<745	N/A
30	Frame above 6'	<94	**1.9k**	N/A	<745	<745	N/A
31	Frame below 6'	<94	**3.8k**	N/A	<745	**5k**	N/A
32	Frame above 6'	<94	**2.5k**	N/A	<745	<745	N/A
33	Frame below 6'	<94	**786**	N/A	<745	<745	N/A
34	Frame above 6'	<94	<94	N/A	<745	<745	N/A
35	Frame below 6'	<94	<94	N/A	<745	<745	N/A
36	Frame above 6'	<94	<94	N/A	<745	<745	N/A
37	Frame below 6'	<94	**2.34k**	N/A	<745	**6k**	N/A
38	Frame above 6'	<94	**240**	N/A	<745	**8k**	N/A
39	Frame below 6'	<94	**300**	N/A	<745	<745	N/A
40	Frame above 6'	<94	**420**	N/A	<745	<745	N/A
41	Wall above 6'	<94	**16.8k**	N/A	<745	**200k**	N/A
42	Wall below 6'	<94	**2.5k**	N/A	<745	<745	N/A
43	Wall above 6'	<94	**2.4k**	N/A	<745	**100k**	N/A
44	Frame above 6'	<94	**246**	N/A	<745	<745	N/A
45	Frame below 6'	<94	<94	N/A	<745	<745	N/A
46	Frame above 6'	<94	**720**	N/A	<745	**6.5k**	N/A
47	Frame below 6'	<94	**607**	N/A	<745	**14.5k**	N/A
48	Frame above 6'	<94	**252**	N/A	<745	<745	N/A
49	Frame below 6'	<94	<94	N/A	<745	<745	N/A
50	Frame above 6'	<94	**1.1k**	N/A	<745	**9k**	N/A
51	Frame below 6'	<94	**810**	N/A	<745	<745	N/A
52	Frame above 6'	<94	<94	N/A	<745	<745	N/A
53	Frame below 6'	<94	<94	N/A	<745	**32k**	N/A
54	Frame above 6'	<94	<94	N/A	<745	**8k**	N/A
55	Frame below 6'	<94	<94	N/A	<745	**9.5k**	N/A
56	Frame above 6'	<94	<94	N/A	**10k**	**66k**	N/A
57	Frame below 6'	<94	**1.41k**	N/A	**11.5k**	**51k**	N/A
58	Frame above 6'	<94	**186**	N/A	<745	**27k**	N/A
59	Frame below 6'	<94	**270**	N/A	<745	**13.5k**	N/A
60	Frame above 6'	<94	**1.89k**	N/A	<745	<745	N/A
61	Frame below 6'	<94	**2.46k**	N/A	<745	**1.9k**	N/A
62	Frame above 6'	<94	**246**	N/A	<745	**14k**	N/A
63	Frame below 6'	**4.8k**	**5.4k**	N/A	**17.5k**	**3.5k**	N/A

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SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
64	Wall above 6'	<94	**1.5k**	N/A	<745	**6.5k**	N/A
65	O/S of Duct 101	<94	<94	N/A	<745	**11.5k**	N/A
66	I/S of Duct 101	<94	<94	N/A	<745	**4.6k**	N/A
67	O/S of Duct 101	<94	<94	N/A	<745	<745	N/A
68	I/S of Duct 101	<94	**846**	N/A	<745	<745	N/A
69	Wall below 6'	<94	**312**	N/A	<745	**39k**	N/A
70	Frame above 6'	<94	**558**	N/A	<745	**2.1k**	N/A
71	Frame below 6'	<94	**696**	N/A	<745	<745	N/A
72	Frame above 6'	<94	**282**	N/A	<745	**125k**	N/A
73	Frame below 6'	<94	**378**	N/A	**15k**	**12.5k**	N/A
74	Frame above 6'	<94	**270**	N/A	**2.6k**	**4.7k**	N/A
75	Frame below 6'	<94	<94	N/A	<745	**3.5k**	N/A
76	Frame above 6'	<94	<94	N/A	<745	<745	N/A
77	Frame below 6'	<94	<94	N/A	<745	<745	N/A
78	Frame above 6'	<94	**288**	N/A	**3k**	**7.5k**	N/A
79	Frame below 6'	<94	<94	N/A	**2.8k**	**15.5k**	N/A
80	Frame above 6'	<94	<94	N/A	<745	**5.5k**	N/A
81	Frame below 6'	<94	<94	N/A	<745	<745	N/A
82	Wall above 6'	<94	<94	N/A	<745	<745	N/A
83	Wall below 6'	<94	**342**	N/A	<745	<745	N/A
84	Wall above 6'	<94	**222**	N/A	<745	<745	N/A
85	Frame above 6'	<94	**336**	N/A	<745	**2.1k**	N/A
86	Frame below 6'	**246**	**1.2k**	N/A	**2k**	**5.5k**	N/A
87	Frame above 6'	<94	**198**	N/A	<745	**7.5k**	N/A
88	Frame below 6'	<94	**1.9k**	N/A	<745	**8.5k**	N/A
89	Frame above 6'	<94	<94	N/A	<745	<745	N/A
90	Frame below 6'	<94	<94	N/A	<745	<745	N/A
91	Frame above 6'	<94	**1k**	N/A	<745	**5.5k**	N/A
92	Frame below 6'	<94	<94	N/A	<745	<745	N/A
93	Frame above 6'	<94	**252**	N/A	<745	<745	N/A
94	Frame below 6'	<94	<94	N/A	<745	**3.8k**	N/A
95	Frame above 6'	<94	<94	N/A	<745	<745	N/A
96	Frame below 6'	<94	<94	N/A	<745	<745	N/A
97	Frame above 6'	<94	<94	N/A	<745	<745	N/A
98	Frame below 6'	<94	**156**	N/A	<745	**1.6k**	N/A
99	Frame above 6'	<94	<94	N/A	<745	<745	N/A
100	Frame below 6'	<94	**288**	N/A	<745	**6.5k**	N/A
101	Frame above 6'	<94	<94	N/A	<745	<745	N/A
102	Frame below 6'	<94	<94	N/A	<745	**8.5k**	N/A
103	Frame above 6'	<94	**2.4k**	N/A	<745	**18k**	N/A
104	Wall below 6'	<94	<94	N/A	<745	**6k**	N/A
105	Wall above 6'	<94	<94	N/A	<745	<745	N/A
106	Wall below 6'	**618**	**12.6k**	N/A	**4k**	**120k**	N/A

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COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
107	Wall above 6'	360	11.4k	N/A	<745	185k	N/A
108	Wall below 6'	240	28.8k	N/A	<745	115k	N/A
109	Wall above 6'	<94	360	N/A	<745	<745	N/A
110	Wall below 6'	<94	1.89k	N/A	<745	8.5k	N/A
111	Wall above 6'	<94	2.1k	N/A	<745	13k	N/A
112	Wall below 6'	<94	2.2k	N/A	12k	105k	N/A
113	Wall above 6'	<94	<94	N/A	<745	6k	N/A
114	Wall below 6'	138	3.9k	N/A	<745	45.5k	N/A
115	Wall above 6'	<94	606	N/A	<745	15k	N/A
116	Wall below 6'	<94	282	N/A	<745	<745	N/A
117	Wall above 6'	<94	<94	N/A	<745	<745	N/A
118	Wall below 6'	<94	<94	N/A	<745	<745	N/A
119	Wall above 6'	<94	<94	N/A	<745	<745	N/A
120	Wall below 6'	<94	<94	N/A	<745	<745	N/A
121	Wall above 6'	<94	<94	N/A	<745	<745	N/A
122	Ceiling	<94	<94	N/A	<745	<745	N/A
123	Ceiling	<94	<94	N/A	<745	1.75k	N/A
124	Ceiling	<94	<94	N/A	<745	<745	N/A
125	Ceiling	<94	<94	N/A	<745	<745	N/A
126	Ceiling	<94	<94	N/A	<745	<745	N/A
127	Ceiling	<94	<94	N/A	<745	<745	N/A
128	Ceiling	<94	<94	N/A	<745	<745	N/A
129	Ceiling	<94	<94	N/A	<745	<745	N/A
130	Ceiling	<94	<94	N/A	<745	<745	N/A
131	Ceiling	<94	<94	N/A	<745	<745	N/A
132	Ceiling	<94	<94	N/A	<745	<745	N/A
133	Ceiling	<94	<94	N/A	<745	<745	N/A
134	Ceiling	<94	<94	N/A	<745	<745	N/A
135	Ceiling	900	3.6k	N/A	12.5k	95k	N/A
136	Ceiling	900	7.2k	N/A	15k	110k	N/A
137	Ceiling	780	10.8k	N/A	45k	1.49E+0[illegible]	N/A
138	Ceiling	600	4.98k	N/A	15k	420k	N/A
139	Tunnel Floor	<94	<94	N/A	<745	<745	N/A
140	Tunnel Floor	<94	<94	N/A	<94	<94	N/A
141	Tunnel Wall	<94	<94	N/A	<94	<94	N/A
142	Tunnel Wall	<94	<94	N/A	<94	<94	N/A
143	Tunnel Wall	<94	1.2k	N/A	<94	2.1k	N/A
144	Tunnel Floor	<94	<94	N/A	<94	<94	N/A
145	Tunnel Floor	<94	<94	N/A	<94	<94	N/A
146	Tunnel Shaft	<94	<94	N/A	<94	<94	N/A
147	Tunnel Shaft	<94	<94	N/A	<94	<94	N/A
148	Tunnel Wall	<94	240	N/A	<94	<94	N/A
149	Tunnel Wall	<94	<94	N/A	<94	<94	N/A

DAP 2/15/05

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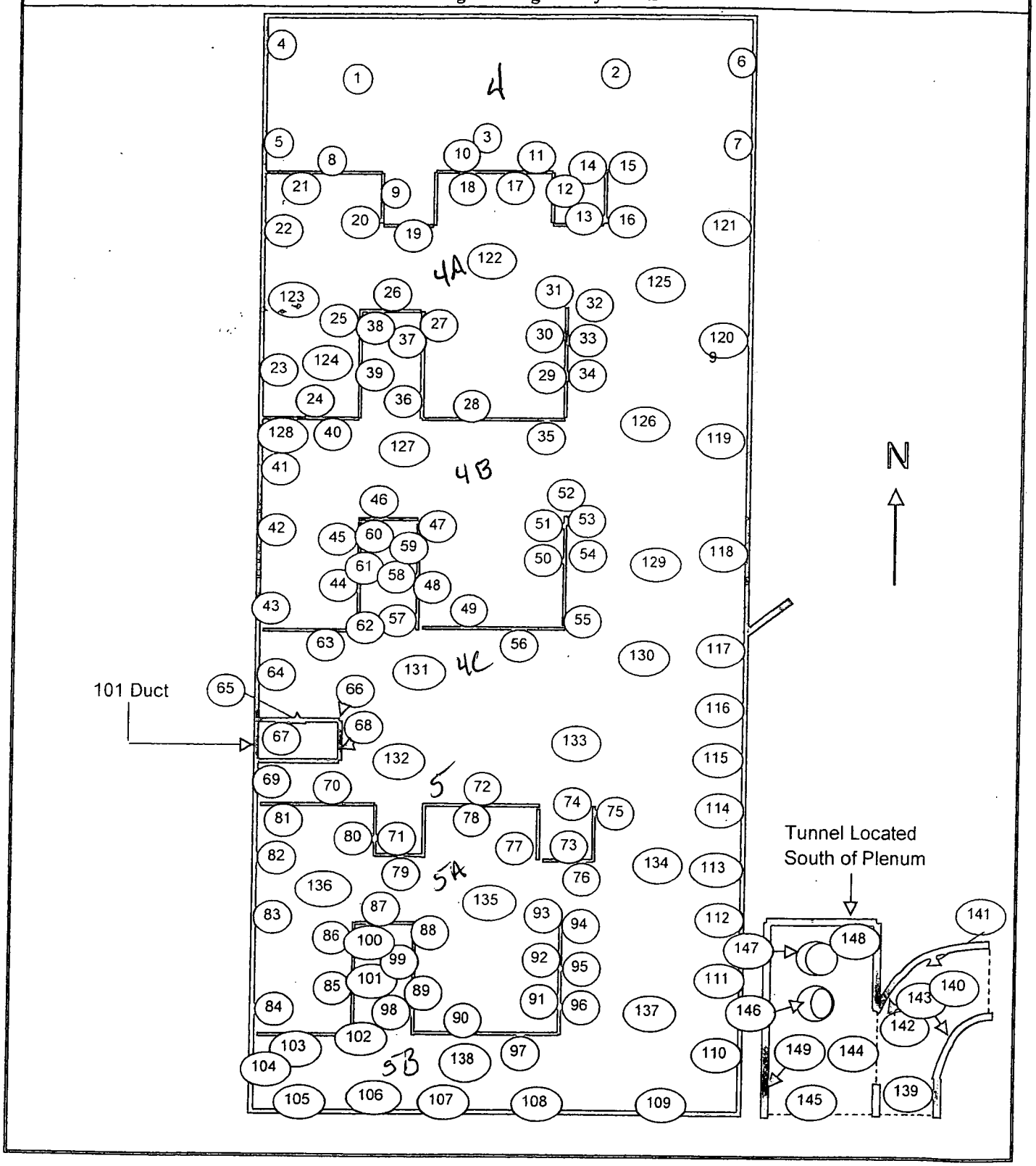
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Drawing Showing Survey Points



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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Survey tracking #: 444-V/A7-02

INSTRUMENT DATA

Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model		Model		Model	DP-6
Serial #		Serial #		Serial #	2316
Cal Due		Cal Due		Cal Due	6/28/05
Bkg.	cpm α	Bkg.	cpm α	Bkg.	3 cpm α
Eff.	%	Eff.	%	Eff.	17 %
MDA	N/A dpm α	MDA	N/A dpm α	MDA	94 dpm α
Mfg.	N/A	Mfg.	N/A	Mfg.	NE Electra
Model		Model		Model	DP-6
Serial #		Serial #		Serial #	2316
Cal Due		Cal Due		Cal Due	6/28/05
Bkg.	cpm β	Bkg.	cpm β	Bkg.	908 cpm β
Eff.	%	Eff.	%	Eff.	22 %
MDA	N/A dpm β	MDA	N/A dpm β	MDA	745 dpm β

Survey Type: CONTAMINATION **Page** 1 **of** 1

Building: 444

Location: Rm 4 plenum

Purpose: Resurvey Pre-fix

RWP #: N/A COPY

Date: 2/5/05 Time: 9:00

[redacted]

RCT: N/A | N/A | N/A

Print Name | Signature | Emp. #

PRN/REN: N/A

Comments: Isotope of Concern U-238.See attached survey. Resurvey of locations 6,7,137, and 138. Area around locations 6 & 7 >500K dpm is approximatly 15 foot along wall, floor to ceiling. Highest reading documented. Area around location 137 surveyed and no readings found >10K. Highest reading also documented for area around location 138.

SURVEY RESULTS

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Location 6 on attached survey. Surface type: block wall	N/A	N/A	N/A	**1530000**
2	Location 7 on attached survey Surface type: block wall	N/A	N/A	N/A	**2540000**
3	Location 137 on attached survey Surface type: rough concrete	N/A	N/A	N/A	**10000**
4	Location 138 on attached survey Surface type: bumpy concrete	N/A	N/A	N/A	**75000**
5	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A
24	N/A	N/A	N/A	N/A	N/A
25	N/A	N/A	N/A	N/A	N/A

Date Reviewed: 2-5-05 **RS Supervision:** [redacted]

3-PRO-164-RSP-07.01 (effective 7/12/01)

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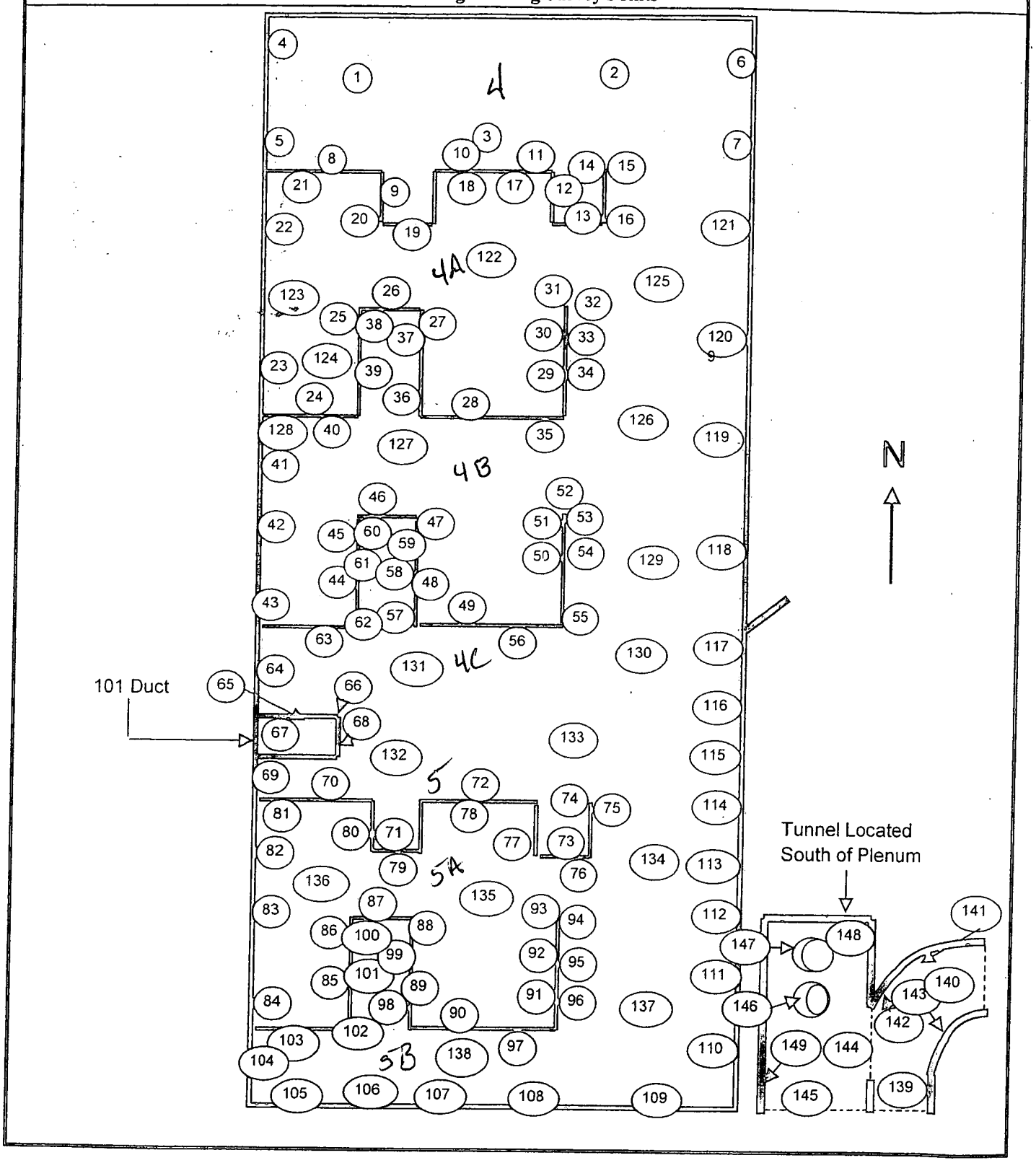
COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Drawing Showing Survey Points



COPY Survey tracking #: 444-VIA7-03

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	N/A	Mfg.	EBERLINE	Mfg.	EBERLINE
Model	N/A	Model	SAC-4	Model	SAC-4
Serial #	N/A	Serial #	1156	Serial #	821
Cal Due	N/A	Cal Due	3/22/05	Cal Due	3/29/05
Bkg	N/A	Bkg	0 cpmα	Bkg	0.6 cpmα
Eff.	N/A	Eff.	33 %	Eff.	33 %
MDDR	N/A	MDA	20 dpmα	MDA	20 dpmα
Mfg.	N/A	Mfg.	EBERLINE	Mfg.	EBERLINE
Model	N/A	Model	BC-4	Model	BC-4
Serial #	N/A	Serial #	694	Serial #	706
Cal Due	N/A	Cal Due	7/23/05	Cal Due	4/30/05
Bkg	N/A	Bkg	38.1 cpmβ	Bkg	42.3 cpmβ
Eff.	N/A	Eff.	14 %	Eff.	14 %
MDDR	N/A	MDA	258 dpmβ	MDA	258 dpmβ

Survey tracking #: 444-VIA7-03

Survey Type: α/β Contamination & Dose Rate

Building: 444

Location: CONTAMINATION AREAS

Purpose: Weekly, downpost from CA

RWP #: N/A (Post fix)

Date: 2/10/05 Time: 14:00

RCT: [redacted]

RCT: N/A / N/A / N/A

Print name / Signature / Emp. #

PRN/REN # : N/A

Comments: Isotope of concern is U-238. Survey also for plenum post fixative.

SURVEY RESULTS

#	Location	Swipe Alpha dpm/100cm2	Swipe Beta dpm/100cm2	Dose Rate Gamma/ X-ray	#	Location	Swipe Alpha dpm/100cm2	Swipe Beta dpm/100cm2	Dose Rate Gamma/ X-ray
1	Wall (see map)	< 20	<258	N/A	23	Floor (see map)	< 20	<258	N/A
2	Wall (see map)	< 20	<258	N/A	24	Floor (see map)	< 20	<258	N/A
3	Wall (see map)	< 20	<258	N/A	25	Floor (see map)	< 20	<258	N/A
4	Wall (see map)	< 20	<258	N/A	26	Floor (see map)	< 20	<258	N/A
5	Wall (see map)	< 20	<258	N/A	27	Ceiling (see map)	< 20	<258	N/A
6	Wall (see map)	< 20	<258	N/A	28	Floor (see map)	< 20	<258	N/A
7	Wall (see map)	< 20	<258	N/A	29	Floor (see map)	< 20	<258	N/A
8	Wall (see map)	< 20	<258	N/A	30	Ceiling (see map)	< 20	<258	N/A
9	Wall (see map)	< 20	<258	N/A	31	Floor (see map)	< 20	<258	N/A
10	Wall (see map)	< 20	<258	N/A	32	Floor (see map)	< 20	<258	N/A
11	Wall (see map)	< 20	<258	N/A	33	Ceiling (see map)	< 20	<258	N/A
12	Floor (see map)	< 20	<258	N/A	34	Floor (see map)	< 20	<258	N/A
13	Floor (see map)	< 20	<258	N/A	35	Floor (see map)	< 20	<258	N/A
14	Floor (see map)	< 20	<258	N/A	36	Ceiling (see map)	< 20	<258	N/A
15	Floor (see map)	< 20	<258	N/A	37	Floor (see map)	< 20	<258	N/A
16	Floor (see map)	< 20	<258	N/A	38	Floor (see map)	< 20	<258	N/A
17	Floor (see map)	< 20	<258	N/A	39	Floor (see map)	< 20	<258	N/A
18	Floor (see map)	< 20	<258	N/A	40	N/A	N/A	N/A	N/A
19	Floor (see map)	< 20	<258	N/A	41	N/A	N/A	N/A	N/A
20	Floor (see map)	< 20	<258	N/A	42	N/A	N/A	N/A	N/A
21	Floor (see map)	< 20	<258	N/A	43	N/A	N/A	N/A	N/A
22	Floor (see map)	< 20	<258	N/A	44	N/A	N/A	N/A	N/A

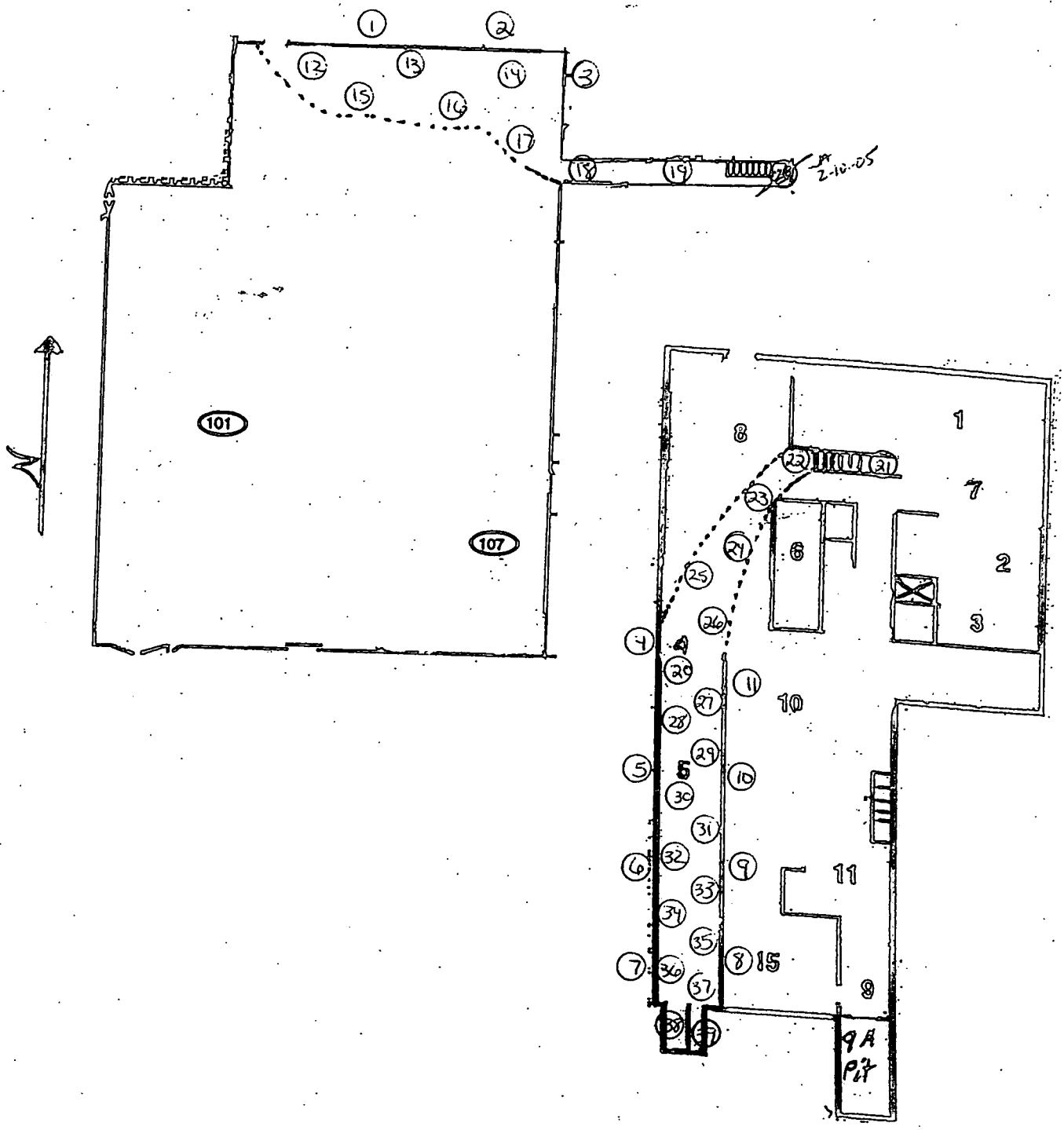
Date Reviewed: 2-10-05 **RS Supervision:** [redacted]

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

COPY



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ATTACHMENT B-14

VIA 7 POST-FIXATIVE LLW SURVEY FORMS

444-V147-04

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	NE Electra	Mfg.	NE Electra
Model	BC 4	Model	DP-6	Model	DP-6
Serial #	704	Serial #	N/A	Serial #	3370
Cal Due	10/14/05	Cal Due	N/A	Cal Due	7/27/05
Bkg	48.6 cpmβ	Bkg	N/A cpmα	Bkg	2.0 cpmα
Efficiency	14.00 %	Efficiency	N/A %	Efficiency	21.30 %
MDA	258 dpmβ	MDA	###### dpmα	MDA	44 dpmα

Mfg.	Eberline	Mfg.	NE Electra	Mfg.	NE Electra
Model	BC 4	Model	DP-6	Model	DP-6
Serial #	843	Serial #	N/A	Serial #	3370
Cal Due	10/4/05	Cal Due	N/A	Cal Due	7/27/05
Bkg	41.6 cpmβ	Bkg	N/A cpmβ	Bkg	751.0 cpmβ
Efficiency	14.00 %	Efficiency	N/A %	Efficiency	22.00 %
MDA	258 dpmβ	MDA	###### dpmβ	MDA	745 dpmβ

Survey Tracking # N/A
Survey Type: Contamination
Building: 444
Location: Exhaust plenum
Purpose: Post-fixative LLW characterization

RWP #: N/A

Date: 2/16/05 Time: 0730

[redacted]

PRN/REN # : N/A

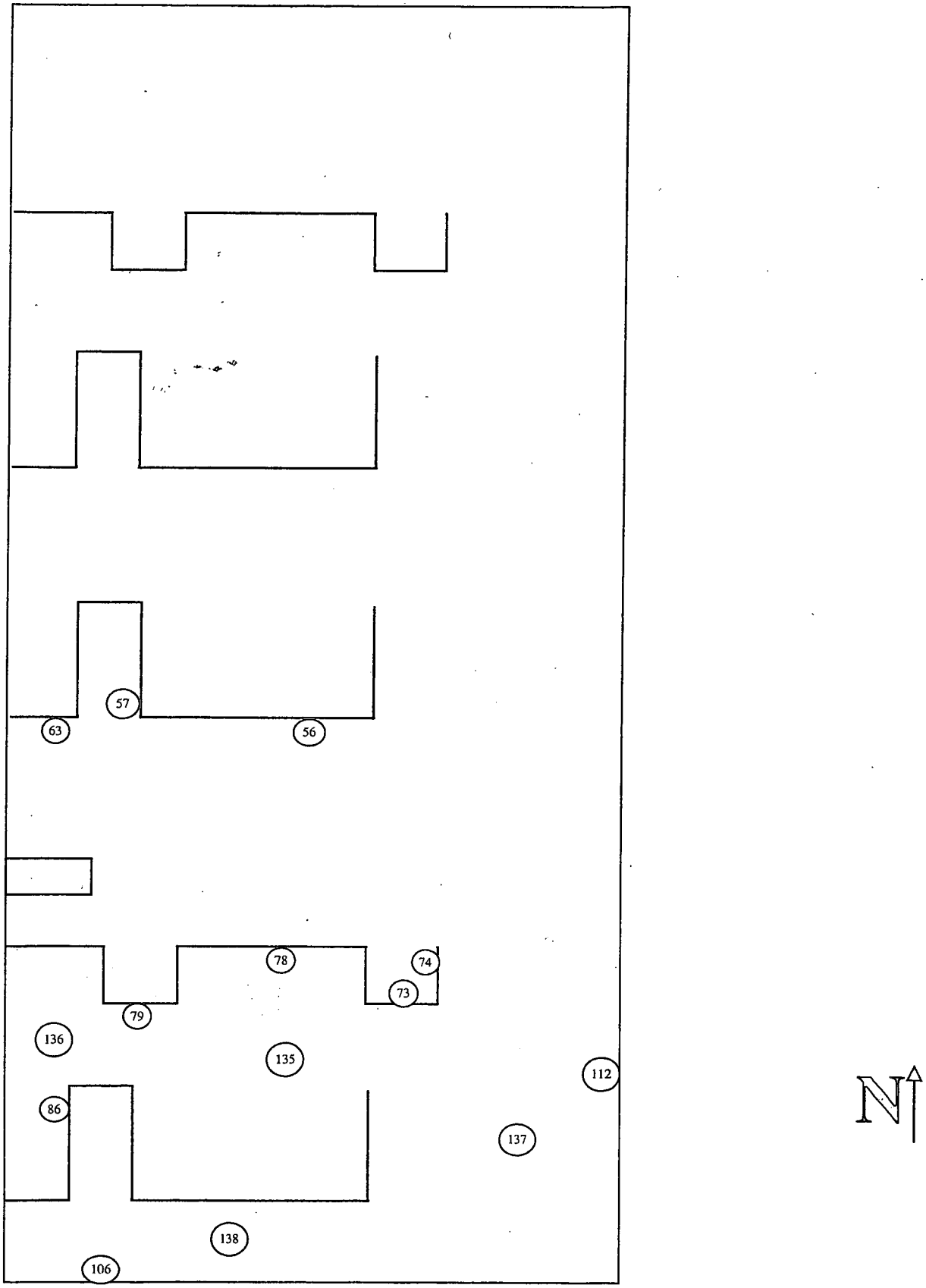
Comments: Nuclides of concern is Depleted Uranium (DU). Survey performed to verify contamination levels of B444 Exhaust plenum where pre-fix surveys indicated removable contamination after fixative was applied in the exhaust plenum. Beta efficiency listed reflects correction for DU. Calibrated efficiency for both BC-4 # 843 and BC-4 #704 is 25.0% and for Electra #3370 is 31.3%

SURVEY RESULTS

		ALPHA			BETA		
	LOCATION	Swipe	Direct	Wipe	Swipe	Direct	Wipe
#		dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
56	Frame above 6 ft.	N/A	N/A	N/A	<258	N/A	N/A
57	Frame below 6 ft.	N/A	N/A	N/A	<258	N/A	N/A
63	Frame below 6 ft.	N/A	N/A	N/A	<258	N/A	N/A
73	Frame below 6 ft.	N/A	N/A	N/A	<258	N/A	N/A
74	Frame above 6 ft.	N/A	N/A	N/A	<258	N/A	N/A
78	Frame above 6 ft.	N/A	N/A	N/A	<258	N/A	N/A
79	Frame below 6 ft.	N/A	N/A	N/A	<258	N/A	N/A
86	Frame below 6 ft.	N/A	N/A	N/A	<258	N/A	N/A
106	Wall below 6 ft.	N/A	N/A	N/A	<258	N/A	N/A
112	Wall below 6 ft.	N/A	N/A	N/A	<258	N/A	N/A
135	Ceiling	N/A	N/A	N/A	<258	N/A	N/A
136	Ceiling	N/A	N/A	N/A	<258	N/A	N/A
137	Ceiling	N/A	N/A	N/A	<258	N/A	N/A
138	Ceiling	N/A	N/A	N/A	<258	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Date Reviewed: 2-16-05 **RS Supervision:** [redacted]

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE



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ATTACHMENT B-15

VIA 8 PRE-FIXATIVE LLW SURVEY FORMS

None Required – No LLW Surveys included in this Attachment

ATTACHMENT B-16

VIA 8 POST-FIXATIVE LLW SURVEY FORMS

None Required – No LLW Surveys included in this Attachment

ATTACHMENT B-17

VIA 9 PRE-FIXATIVE LLW SURVEY FORMS

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	NE	Mfg.	EBERLINE	Mfg.	EBERLINE
Model	ELECTRA	Model	SAC-4	Model	SAC-4
Serial #	1392	Serial #	971	Serial #	1197
Cal Due	6/28/05	Cal Due	3/20/05	Cal Due	7/20/05
Bkg.	5 cpm α	Bkg.	0.4 cpm α	Bkg.	0.2 cpm α
Eff.	17 %	Eff.	33 %	Eff.	33.0 %
MDA	94 dpm α	MDA	20 dpm α	MDA	20 dpm α
Mfg.	NE	Mfg.	EBERLINE	Mfg.	EBERLINE
Model	ELECTRA	Model	BC-4	Model	BC-4
Serial #	1392	Serial #	383	Serial #	924
Cal Due	6/28/05	Cal Due	1/17/06	Cal Due	10/12/05
Bkg.	824 cpm β	Bkg.	45.1 cpm β	Bkg.	41.8 cpm β
Eff.	22 %	Eff.	14 %	Eff.	14.0 %
MDA	745 dpm β	MDA	258 dpm β	MDA	258 dpm β

Survey tracking #: 444-V149-03

Survey Type: CONTAMINATION Page 1 of 4

Building: 444

Location: Door 1,2 & 31

Purpose: Characterization Survey

COPY

RWP #: 05-444-0002

Date: 26-Jan-05 Time: 13:00

[redacted]

PRN/REN:

Comments: Isotope of Concern U-238. Scan for Highest Reading.

SURVEY RESULTS

#	SEE MAP	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Side of Platform	<20	<258	<94	1186
2	Side of Platform	<20	<258	<94	1864
3	Side of Platform	<20	<258	<94	1568
4	Side of Platform	<20	<258	<94	1300
5	Side of Platform	<20	<258	<94	1277
6	Side of Platform	<20	<258	<94	1473
7	Side of Platform	<20	<258	<94	1745
8	Side of Platform	<20	<258	<94	<745
9	Side of Platform	<20	<258	<94	2605
10	Side of Platform	<20	<258	<94	2400
11	On Floor	<20	<258	<94	2595
12	On Floor	<20	<258	<94	2118
13	On Floor	<20	<258	<94	1286
14	On Floor	<20	<258	<94	1882
15	On Floor	<20	<258	<94	2605
16	On Floor	<20	<258	<94	1186
17	On Floor	<20	<258	<94	<745
18	On Floor	<20	<258	<94	1923
19	On Stair	<20	<258	<94	1755
20	On Stair	<20	<258	<94	1323
21	On Floor	<20	<258	<94	1841
22	On Floor	<20	<258	<94	1745
23	On Floor	<20	<258	<94	1718
24	On Floor	<20	<258	<94	2186
25	On Stair	<20	<258	<94	1450

Date Reviewed: 1-28-05 RS Supervision: [redacted]

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

RADIOLOGICAL SAFETY

COPY

Building: 444
Location: Door # 1,2 & 31
Purpose: Characterization Survey

Date: 1/26/05
Time: 1:00 PM

#	Description	REMOVABLE DPM/100 CM^2		DIRECT DPM/100 CM^2	
		ALPHA	BETA	ALPHA	BETA
26	On Stair	<20	<258	<94	1482
27	On Stair	<20	<258	<94	2568
28	On Stair	<20	<258	<94	1705
29	On Floor	<20	<258	<94	1186
30	On Floor	<20	<258	<94	1864
31	On Floor	<20	<258	<94	1568
32	On Floor	<20	<258	<94	1300
33	On Wall	<20	<258	<94	1886
34	On Wall	<20	<258	<94	1418
35	On Wall	<20	<258	<94	1277
36	On Wall	<20	<258	<94	2382
37	Side of Platform	<20	<258	<94	1050
38	Side of Platform	<20	<258	<94	1473
39	Side of Platform	<20	<258	<94	1745
40	Side of Platform	<20	<258	<94	2595
41	Side of Platform	<20	<258	<94	2600
42	On Wall	<20	<258	<94	2400
43	On Wall	<20	<258	<94	2118
44	On Wall	<20	<258	<94	1286
45	On Wall	<20	<258	<94	1882
46	On Floor	<20	<258	<94	1736
47	On Floor	<20	<258	<94	2268
48	On Floor	<20	<258	<94	2082
49	On Floor	<20	<258	<94	1205
50	On Floor	<20	<258	<94	1864
51	On Floor	<20	<258	<94	1568
52	On Floor	<20	<258	<94	1705
53	On Floor	<20	<258	<94	1473
54	On Floor	<20	<258	<94	2118
55	On Floor	<20	<258	<94	2268
56	Side of Platform	<20	<258	<94	<745
57	Side of Platform	<20	<258	<94	<745
58	Side of Stair	<20	<258	<94	<745
59	Side of Stair	<20	<258	<94	<745
60	Side of Platform	<20	<258	<94	810
61	Side of Platform	<20	<258	<94	<745
62	Side of Platform	<20	<258	<94	1030
63	Side of Platform	<20	<258	<94	1405
64	Side of Stair	<20	<258	<94	<745
65	Side of Stair	<20	<258	<94	<745
66	On Wall	<20	<258	<94	<745
67	On Wall	<20	<258	<94	980
68	On Wall	<20	<258	<94	905
69	On Wall	<20	<258	<94	<745
70	On Wall	<20	<258	<94	2140
71	On Wall	<20	<258	<94	<745

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Building: 444
Location: Door # 1,2 & 31
Purpose: Characterization Survey

RADIOLOGICAL SAFETY

COPY

Date: 1/26/05
Time: 1:00 PM

#	SEE MAP	REMOVABLE DPM/100 CM²		DIRECT DPM/100 CM²	
		ALPHA	BETA	ALPHA	BETA
72	On Wall	<20	<258	<94	1370
73	On Wall	<20	<258	<94	940
74	On Wall	<20	<258	<94	<745
75	On Platform	<20	<258	<94	2685
76	On Platform	<20	<258	<94	2720
77	On Platform	<20	<258	<94	1280
78	On Platform	<20	<258	<94	1465
79	On Platform	<20	<258	<94	1730
80	On Platform	<20	<258	<94	<745
81	Side of Platform	<20	<258	<94	<745
82	Side of Platform	<20	<258	<94	1705
83	Side of Platform	<20	<258	<94	1240
84	Side of Platform	<20	<258	<94	<745
85	N/A	N/A	N/A	N/A	N/A
86	N/A	N/A	N/A	N/A	N/A
87	N/A	N/A	N/A	N/A	N/A
88	N/A	N/A	N/A	N/A	N/A
89	N/A	N/A	N/A	N/A	N/A
90	N/A	N/A	N/A	N/A	N/A
91	N/A	N/A	N/A	N/A	N/A
92	N/A	N/A	N/A	N/A	N/A
93	N/A	N/A	N/A	N/A	N/A
94	N/A	N/A	N/A	N/A	N/A
95	N/A	N/A	N/A	N/A	N/A
96	N/A	N/A	N/A	N/A	N/A
97	N/A	N/A	N/A	N/A	N/A
98	N/A	N/A	N/A	N/A	N/A
99	N/A	N/A	N/A	N/A	N/A
100	N/A	N/A	N/A	N/A	N/A
101	N/A	N/A	N/A	N/A	N/A
102	N/A	N/A	N/A	N/A	N/A
103	N/A	N/A	N/A	N/A	N/A
104	N/A	N/A	N/A	N/A	N/A
105	N/A	N/A	N/A	N/A	N/A
106	N/A	N/A	N/A	N/A	N/A
107	N/A	N/A	N/A	N/A	N/A
108	N/A	N/A	N/A	N/A	N/A
109	N/A	N/A	N/A	N/A	N/A
110	N/A	N/A	N/A	N/A	N/A
111	N/A	N/A	N/A	N/A	N/A
112	N/A	N/A	N/A	N/A	N/A
113	N/A	N/A	N/A	N/A	N/A
114	N/A	N/A	N/A	N/A	N/A
115	N/A	N/A	N/A	N/A	N/A
116	N/A	N/A	N/A	N/A	N/A
117	N/A	N/A	N/A	N/A	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

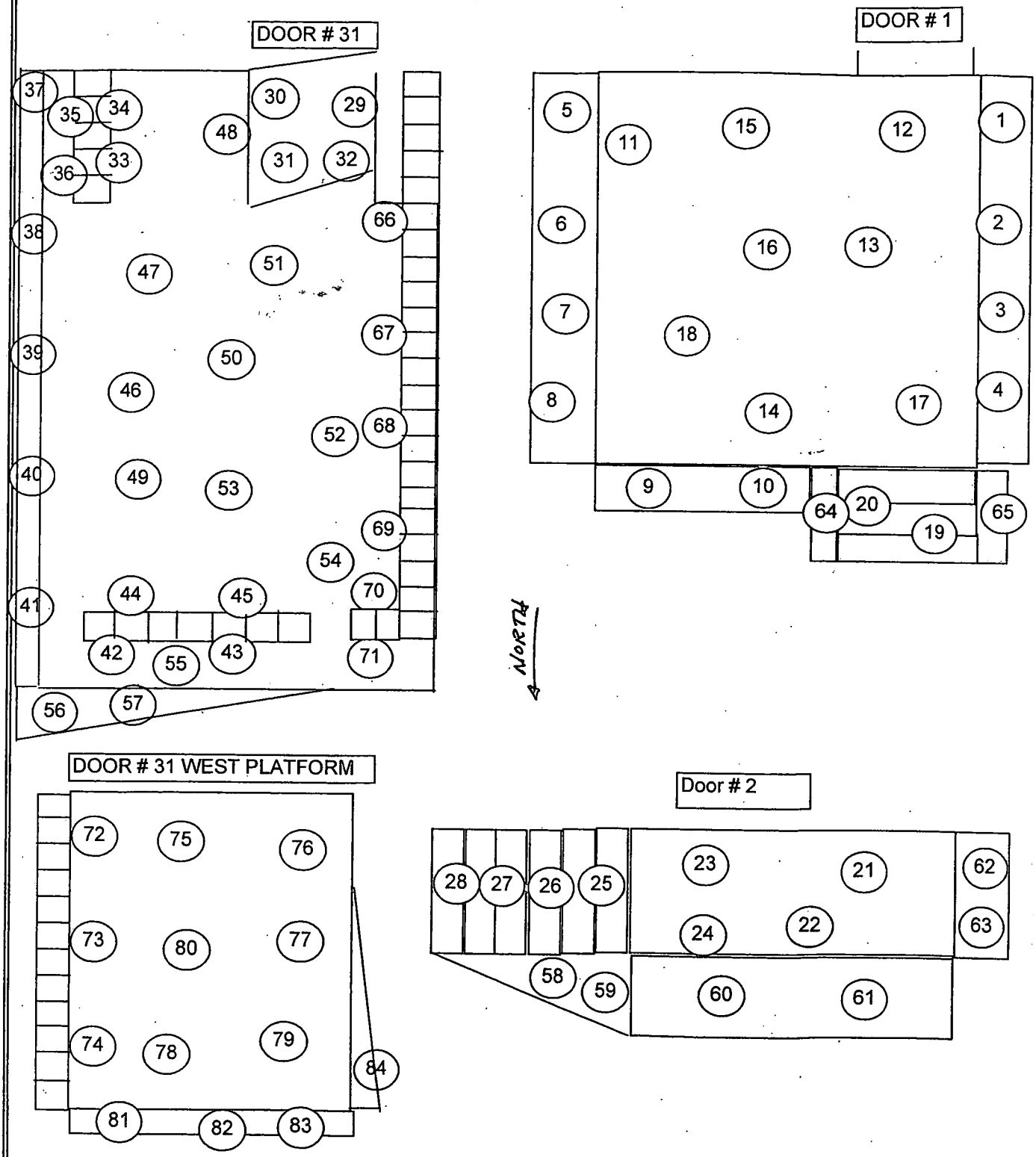
Building: 444
Location: Door 1,2 & 31
Purpose: Characterization Survey

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

COPY

Date: 1/26/05
Time: 1:00 PM



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814

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Bberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	821	Serial #	971	Serial #	2314
Cal Due	3/29/05	Cal Due	3/20/05	Cal Due	7/18/05
Bkg	0.5 cpmα	Bkg	0.4 cpmα	Bkg	4 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17.0 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	924	Serial #	773	Serial #	2314
Cal Due	10/12/05	Cal Due	10/21/05	Cal Due	7/18/05
Bkg	41.8 cpmβ	Bkg	42.8 cpmβ	Bkg	757 cpmβ
Efficiency	25 %	Efficiency	25 %	Efficiency	22.0 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey tracking #: 444-V1A9-04

Survey Type: Contamination

Building: 444

Location: Exterior doors and slabs (SE roof access)

Purpose: Characterization

RWP #: N/A

Date: 1/26/05 Time: 16:00

[redacted]

PRN/REN # : N/A

Comments: Isotope of concern U-238.

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	Steps	<20	<94	N/A	<258	891	N/A
2	Steps	<20	<94	N/A	<258	**1455**	N/A
3	Steps	<20	<94	N/A	<258	**1464**	N/A
4	Steps	<20	<94	N/A	<258	927	N/A
5	Steps	<20	<94	N/A	<258	**868**	N/A
6	Steps	<20	<94	N/A	<258	<745	N/A
7	Steps	<20	<94	N/A	<258	<745	N/A
8	Landing	<20	<94	N/A	<258	**1095**	N/A
9	Landing	<20	<94	N/A	<258	**1123**	N/A
10	Steps	<20	<94	N/A	<258	**1295**	N/A
11	Steps	<20	<94	N/A	<258	**1191**	N/A
12	Steps	<20	<94	N/A	<258	**759**	N/A
13	Steps	<20	<94	N/A	<258	**1441**	N/A
14	Main Landing	<20	<94	N/A	<258	**959**	N/A
15	Main Landing	<20	<94	N/A	<258	<745	N/A
16	Main Landing	<20	<94	N/A	<258	**1023**	N/A
17	Main Landing	<20	<94	N/A	<258	**959**	N/A
18	Main Landing	<20	<94	N/A	<258	<745	N/A
19	Main Landing	<20	<94	N/A	<258	<745	N/A
20	Main Landing	<20	<94	N/A	<258	<745	N/A

Date Reviewed: 1-28-05 **RS Supervision:** [redacted]

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COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
21	Main Landing	<20	<94	N/A	<258	**832**	N/A
22	Main Landing	<20	<94	N/A	<258	**791**	N/A
23	Main Landing	<20	<94	N/A	<258	<745	N/A
24	Main Landing	<20	<94	N/A	<258	<745	N/A
25	Main Landing	<20	<94	N/A	<258	**968**	N/A
26	Main Landing	<20	<94	N/A	<258	<745	N/A
27	Main Landing	<20	<94	N/A	<258	<745	N/A
28	Steps	<20	<94	N/A	<258	**1232**	N/A
29	Steps	<20	<94	N/A	<258	**750**	N/A
30	Steps	<20	<94	N/A	<258	<745	N/A
31	Steps	<20	<94	N/A	<258	**936**	N/A
32	Steps	<20	<94	N/A	<258	**918**	N/A
33	Steps	<20	<94	N/A	<258	<745	N/A
34	Steps	<20	<94	N/A	<258	**1005**	N/A
35	Steps	<20	<94	N/A	<258	**773**	N/A
36	Steps	<20	<94	N/A	<258	<745	N/A
37	Steps	<20	<94	N/A	<258	<745	N/A
38	Landing	<20	<94	N/A	<258	<745	N/A
39	Landing	<20	<94	N/A	<258	<745	N/A
40	Landing	<20	<94	N/A	<258	**850**	N/A
41	Landing	<20	<94	N/A	<258	**900**	N/A
42	Bottom Landing	<20	<94	N/A	<258	<745	N/A
43	Bottom Landing	<20	<94	N/A	<258	**1041**	N/A
44	Bottom Landing	<20	<94	N/A	<258	**955**	N/A
45	Bottom Landing	<20	<94	N/A	<258	<745	N/A
46	Bottom Landing	<20	<94	N/A	<258	**832**	N/A
47	Bottom Landing	<20	<94	N/A	<258	<745	N/A
48	Bottom Landing	<20	<94	N/A	<258	<745	N/A
49	Bottom Landing	<20	<94	N/A	<258	<745	N/A
50	Bottom Landing	<20	<94	N/A	<258	**1286**	N/A
51	Bottom Landing	<20	<94	N/A	<258	<745	N/A
52	Bottom Landing	<20	<94	N/A	<258	**982**	N/A
53	Bottom Landing	<20	<94	N/A	<258	<745	N/A
54	Concrete@ door 107E	<20	<94	N/A	<258	909	N/A
55	Concrete@ door 107E	<20	<94	N/A	<258	**<745**	N/A
56	Concrete@ door 107E	<20	<94	N/A	<258	**955**	N/A
57	Concrete@ door 107E	<20	<94	N/A	<258	<745	N/A
58	Concrete@ door 107E	<20	<94	N/A	<258	**968**	N/A
59	Concrete@ door 107E	<20	<94	N/A	<258	<745	N/A
60	Concrete@ door 107E	<20	<94	N/A	<258	<745	N/A
61	Concrete@ door 107E	<20	<94	N/A	<258	<745	N/A
62	Concrete@ door 107E	<20	<94	N/A	<258	<745	N/A
63	Concrete@ door 107E	<20	<94	N/A	<258	<745	N/A

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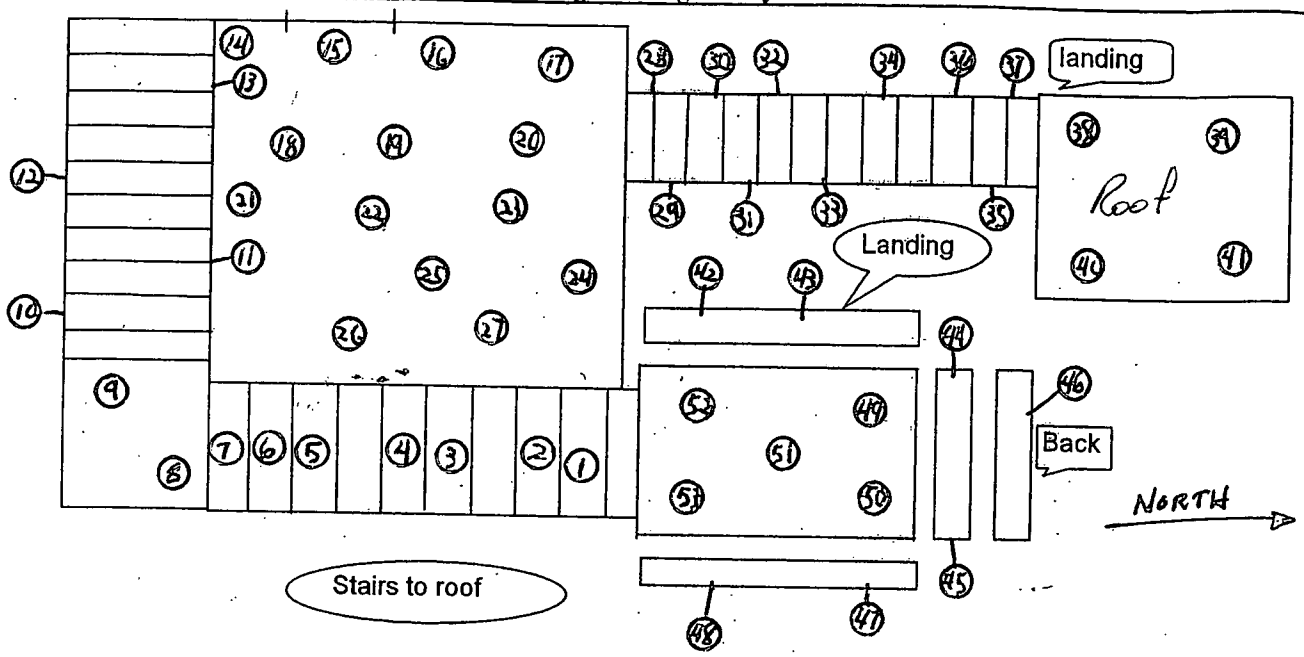
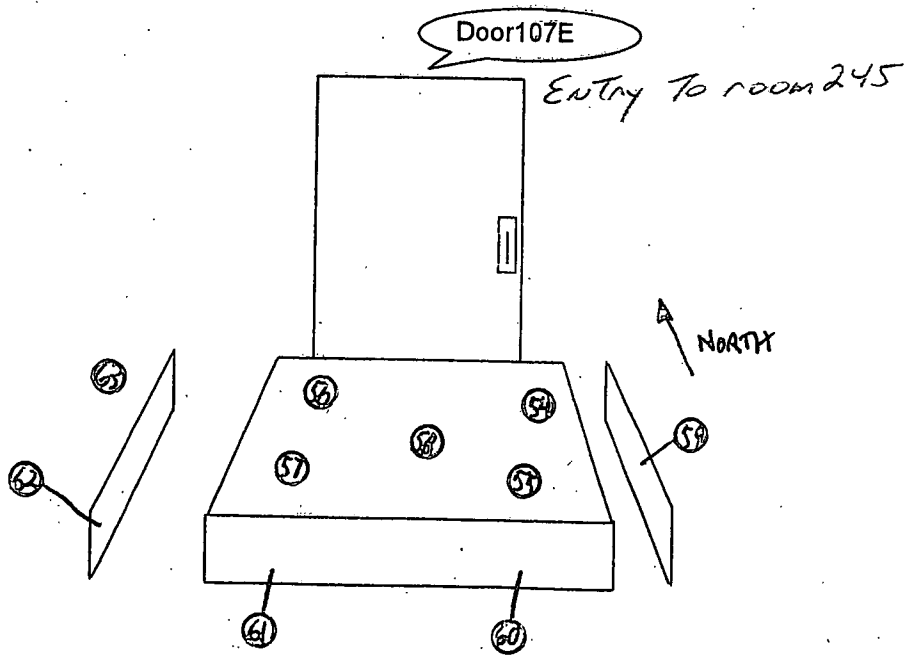
814

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Drawing Showing Survey Points





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814

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	SAC-4	Model	SAC-4	Model	DP-6
Serial #	763	Serial #	821	Serial #	2319
Cal Due	3/20/05	Cal Due	3/29/05	Cal Due	6/8/05
Bkg	0.4 cpmα	Bkg	0.5 cpmα	Bkg	5 cpmα
Efficiency	33 %	Efficiency	33 %	Efficiency	17 %
MDA	20 dpmα	MDA	20 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	Eberline	Mfg.	NE Electra
Model	BC-4	Model	BC-4	Model	DP-6
Serial #	706	Serial #	924	Serial #	2319
Cal Due	4/30/05	Cal Due	10/12/05	Cal Due	6/8/05
Bkg	45.3 cpmβ	Bkg	41.8 cpmβ	Bkg	933 cpmβ
Efficiency	14 %	Efficiency	14 %	Efficiency	22 %
MDA	258 dpmβ	MDA	258 dpmβ	MDA	745 dpmβ

Survey tracking #: 444-V1A9-05

Survey Type: Alpha / Beta Contamination

Building: 444

Location: Exterior structures Door 42

Purpose: Characterization

RWP #: N/A

Date: 1/26/05 Time: 15:00

[redacted]

PRN/REN # : N/A

Comments: Isotope of concern is U-238.

SURVEY RESULTS

Swipe	LOCATION	ALPHA Swipe	ALPHA Direct	ALPHA Wipe	BETA Swipe	BETA Direct	BETA Wipe
#	SEE MAP	dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
1	Steps to door 42	<20	<94	N/A	<258	1,441	N/A
2	Steps to door 42	<20	<94	N/A	<258	1,173	N/A
3	Steps to door 42	<20	<94	N/A	<258	<745	N/A
4	Steps to door 42	<20	<94	N/A	<258	<745	N/A
5	Steps to door 42	<20	<94	N/A	<258	1,123	N/A
6	Steps to door 42	<20	<94	N/A	<258	823	N/A
7	Landing in front of door 42	<20	<94	N/A	<258	<745	N/A
8	Landing in front of door 42	<20	<94	N/A	<258	<745	N/A
9	Landing in front of door 42	<20	<94	N/A	<258	1,095	N/A
10	Landing in front of door 42	<20	<94	N/A	<258	809	N/A
11	Landing in front of door 42	<20	<94	N/A	<258	832	N/A
12	Landing in front of door 42	<20	<94	N/A	<258	918	N/A
13	Landing in front of door 42	<20	<94	N/A	<258	1,114	N/A
14	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Date Reviewed: 1-28-05 **RS Supervision:** [redacted]

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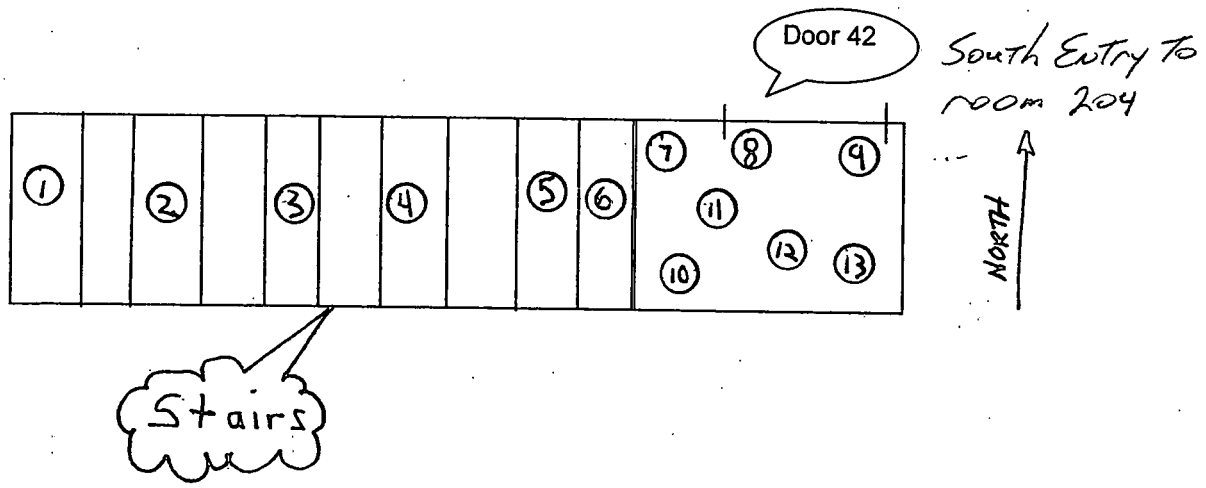
B14

COPY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS



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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	NE Electra	Mfg.	NE Electra
Model	SAC-4	Model	DP-6	Model	DP-6
Serial #	763	Serial #	1279	Serial #	1679
Cal Due	3/20/05	Cal Due	6/16/05	Cal Due	5/17/05
Bkg	0.1 cpmα	Bkg	7 cpmα	Bkg	7 cpmα
Efficiency	33 %	Efficiency	17 %	Efficiency	17 %
MDA	20 dpmα	MDA	94 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	NE Electra	Mfg.	NE Electra
Model	BC-4	Model	DP-6	Model	DP-6
Serial #	694	Serial #	1279	Serial #	1679
Cal Due	7/23/05	Cal Due	6/16/05	Cal Due	5/17/05
Bkg	37 cpmβ	Bkg	771 cpmβ	Bkg	741 cpmβ
Efficiency	14 %	Efficiency	22 %	Efficiency	22 %
MDA	258 dpmβ	MDA	745 dpmβ	MDA	745 dpmβ

Survey tracking #: 444-VA9-06

Survey Type: Alpha & Beta Contamination

Building: 444

Location: South Dock #3

Purpose: Characterization

RWP #: N/A

Date: 1/9/05 Time: 10:00

[redacted]

PRN/REN # : N/A

Comments: Isotope of concern U-238.

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	See Map	<20	<94	N/A	<258	**3085**	N/A
2	See Map	<20	<94	N/A	<258	**6210**	N/A
3	See Map	<20	<94	N/A	<258	**2135**	N/A
4	See Map	<20	<94	N/A	<258	<745	N/A
5	See Map	<20	<94	N/A	<258	**2725**	N/A
6	See Map	<20	<94	N/A	<258	**3500**	N/A
7	See Map	<20	<94	N/A	<258	**3595**	N/A
8	See Map	<20	<94	N/A	<258	**6490**	N/A
9	See Map	<20	<94	N/A	<258	**3120**	N/A
10	See Map	<20	<94	N/A	<258	**2675**	N/A
11	See Map	<20	<94	N/A	<258	**6470**	N/A
12	See Map	<20	<94	N/A	<258	**1285**	N/A
13	See Map	<20	<94	N/A	<258	**2270**	N/A
14	See Map	<20	**294**	N/A	<258	**1125**	N/A
15	See Map	<20	<94	N/A	<258	**7710**	N/A
16	See Map	<20	<94	N/A	<258	**3275**	N/A
17	See Map	<20	<94	N/A	<258	**7195**	N/A
18	See Map	<20	<94	N/A	<258	**3440**	N/A
19	See Map	<20	<94	N/A	<258	**4100**	N/A
20	See Map	<20	<94	N/A	<258	**8885**	N/A

Date Reviewed: 1-10-05 **RS Supervision:** [redacted]

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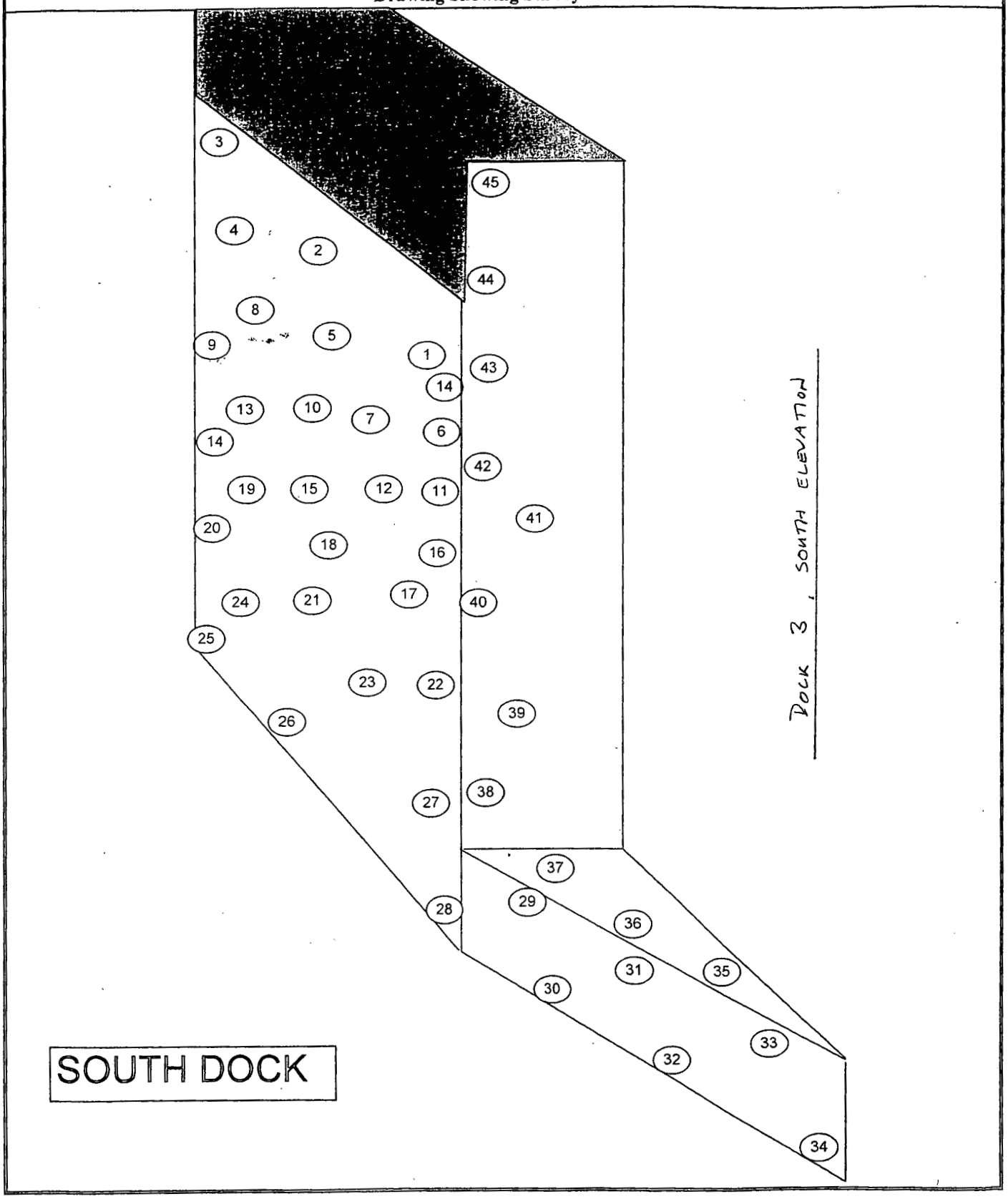
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

Swipe	LOCATION	ALPHA			BETA		
		Swipe	Direct	Wipe	Swipe	Direct	Wipe
#		dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
21	See Map	<20	<94	N/A	<258	**1885**	N/A
22	See Map	<20	<94	N/A	<258	**945**	N/A
23	See Map	<20	<94	N/A	<258	**4430**	N/A
24	See Map	<20	<94	N/A	<258	**3915**	N/A
25	See Map	<20	<94	N/A	<258	**4225**	N/A
26	See Map	<20	<94	N/A	<258	**5675**	N/A
27	See Map	<20	<94	N/A	<258	**3935**	N/A
28	See Map	<20	<94	N/A	<258	**7415**	N/A
29	See Map	<20	<94	N/A	<258	**3375**	N/A
30	See Map	<20	<94	N/A	<258	**2875**	N/A
31	See Map	<20	<94	N/A	<258	**1620**	N/A
32	See Map	<20	<94	N/A	<258	**1375**	N/A
33	See Map	<20	<94	N/A	<258	**1765**	N/A
34	See Map	<20	<94	N/A	<258	**3260**	N/A
35	See Map	<20	<94	N/A	<258	**1075**	N/A
36	See Map	<20	<94	N/A	<258	**890**	N/A
37	See Map	<20	<94	N/A	<258	**3100**	N/A
38	See Map	<20	<94	N/A	<258	**950**	N/A
39	See Map	<20	<94	N/A	<258	**3335**	N/A
40	See Map	<20	<94	N/A	<258	**2605**	N/A
41	See Map	<20	<94	N/A	<258	**3180**	N/A
42	See Map	<20	**102**	N/A	<258	**14485**	N/A
43	See Map	<20	<94	N/A	<258	**8415**	N/A
44	See Map	<20	**132**	N/A	<258	**13100**	N/A
45	See Map	<20	<94	N/A	<258	**16000**	N/A
46	N/A	N/A	N/A	N/A	N/A	N/A	N/A
47	N/A	N/A	N/A	N/A	N/A	N/A	N/A
48	N/A	N/A	N/A	N/A	N/A	N/A	N/A
49	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50	N/A	N/A	N/A	N/A	N/A	N/A	N/A
51	N/A	N/A	N/A	N/A	N/A	N/A	N/A
52	N/A	N/A	N/A	N/A	N/A	N/A	N/A
53	N/A	N/A	N/A	N/A	N/A	N/A	N/A
54	N/A	N/A	N/A	N/A	N/A	N/A	N/A
55	N/A	N/A	N/A	N/A	N/A	N/A	N/A
56	N/A	N/A	N/A	N/A	N/A	N/A	N/A
57	N/A	N/A	N/A	N/A	N/A	N/A	N/A
58	N/A	N/A	N/A	N/A	N/A	N/A	N/A
59	N/A	N/A	N/A	N/A	N/A	N/A	N/A
60	N/A	N/A	N/A	N/A	N/A	N/A	N/A
61	N/A	N/A	N/A	N/A	N/A	N/A	N/A
62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
63	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Drawing Showing Survey Points



ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg. EBERLINE	Mfg. EBERLINE	Mfg. NE Electra
Model SAC-4	Model SAC-4	Model DP-6
Serial # 821	Serial # 1156	Serial # 2316
Cal Due 3/29/05	Cal Due 3/22/05	Cal Due 6/28/05
Bkg. 0.2 cpm α	Bkg. 0.3 cpm α	Bkg. 3 cpm α
Eff. 33 %	Eff. 33 %	Eff. 17 %
MDA 20 dpm α	MDA 20 dpm α	MDA 94 dpm α
Mfg. EBERLINE	Mfg. EBERLINE	Mfg. NE Electra
Model BC-4	Model BC-4	Model DP-6
Serial # 694	Serial # 706	Serial # 2316
Cal Due 7/23/05	Cal Due 4/30/05	Cal Due 6/28/05
Bkg. 38.3 cpm β	Bkg. 45.5 cpm β	Bkg. 959 cpm β
Eff. 14 %	Eff. 14 %	Eff. 22 %
MDA 258 dpm β	MDA 258 dpm β	MDA 745 dpm β

SURVEY TRACKING #: 444-VIA9-07

Survey Type: CONTAMINATION **Page** 1 **of** 2

Building: 444

Location: Dock 2

Purpose: Characterization (Pre/Post fix) No fix

COPY

RWP #: N/A

Date: 2/11/05 Time: 15:00

[redacted]

PRN/REN: N/A

Comments: Isotope of Concern U-238.

SURVEY RESULTS

#	Description	REMOVABLE DPM/100 CM² ALPHA	REMOVABLE DPM/100 CM² BETA	DIRECT DPM/100 CM² ALPHA	DIRECT DPM/100 CM² BETA
1	Dock	N/A	<258	N/A	**2750**
2	Dock	N/A	<258	N/A	**30250**
3	Dock	N/A	<258	N/A	**1100**
4	Dock	N/A	<258	N/A	**14800**
5	Dock	N/A	<258	N/A	<745
6	Dock	N/A	<258	N/A	**8500**
7	Dock	N/A	<258	N/A	**66000**
8	Dock	N/A	<258	N/A	**1200**
9	Dock	N/A	<258	N/A	**9300**
10	Dock face	N/A	<258	N/A	<745
11	Dock face	N/A	<258	N/A	**5100**
12	Dock face	N/A	<258	N/A	**41000**
13	Dock face	N/A	<258	N/A	**135000**
14	Dock face	N/A	<258	N/A	<745
15	Dock face	N/A	<258	N/A	<745
16	Dock face	N/A	<258	N/A	<745
17	Stairs	N/A	<258	N/A	<745
18	Dock	N/A	<258	N/A	**2750**
19	Dock	N/A	<258	N/A	<745
20	Dock	N/A	<258	N/A	**1400**
21	Dock	N/A	<258	N/A	**1500**
22	Dock	N/A	<258	N/A	**1650**
23	Dock	N/A	<258	N/A	<745
24	Dock	N/A	<258	N/A	**15925**
25	Dock	N/A	<258	N/A	**1950**

Date Reviewed: 2-14-05 **RS Supervision:** [redacted]

3-PRO-164-RSP-07.01 (effective 7/12/01)

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

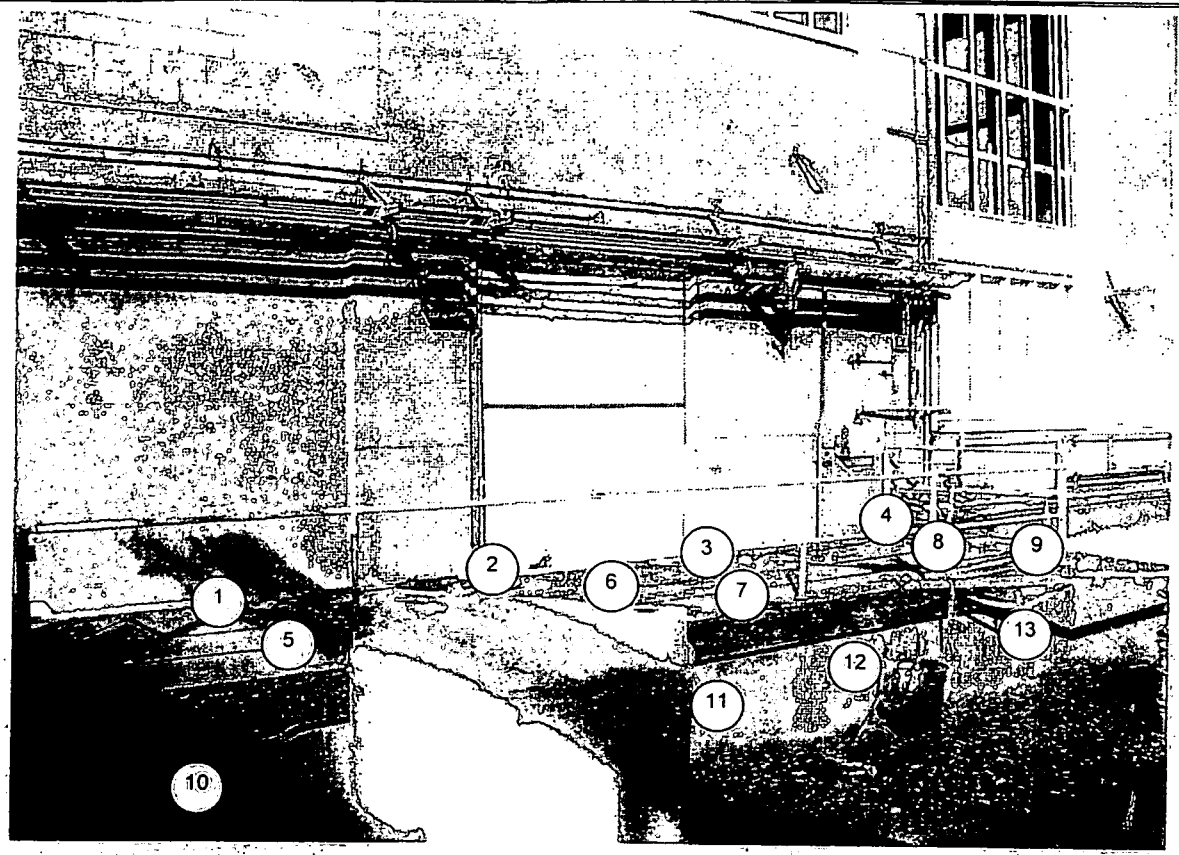
Building: 444
Location: Dock 2
Purpose: Characterization

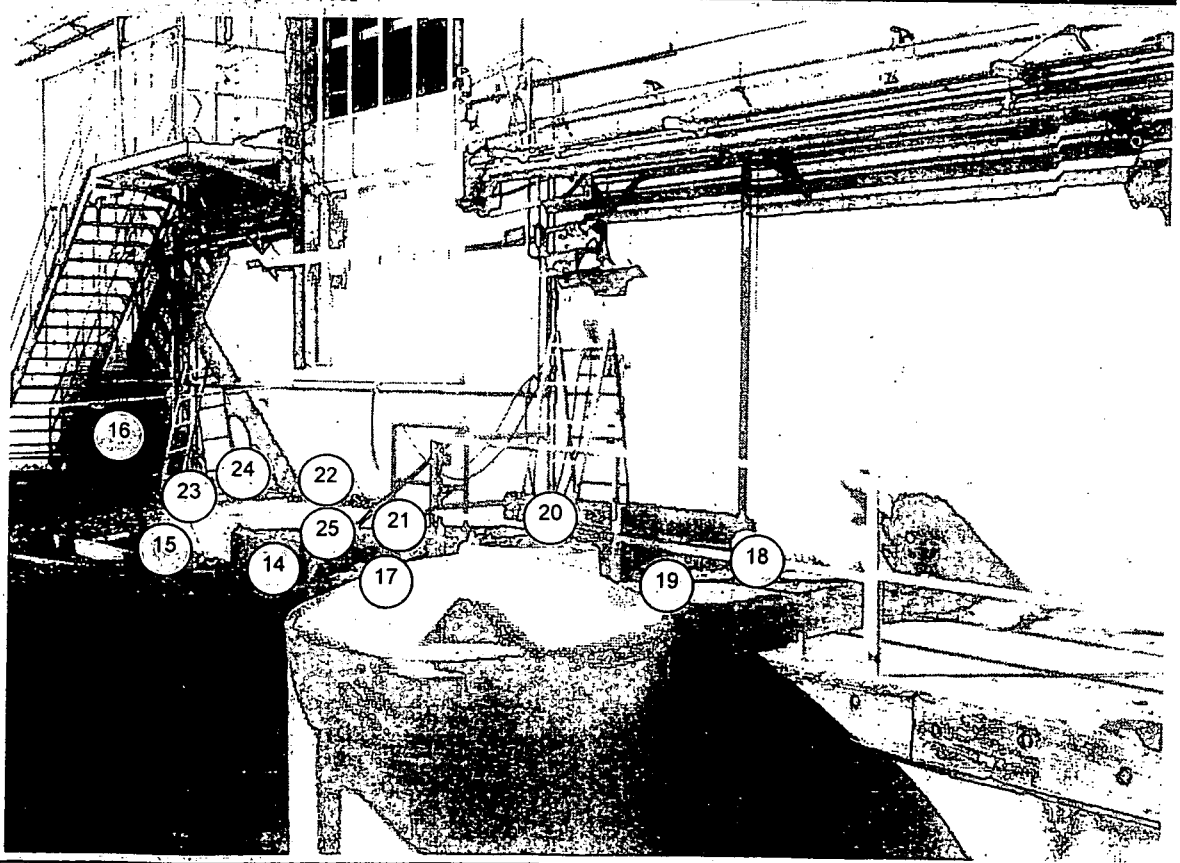
RADIOLOGICAL SAFETY

Drawing Showing Survey Points

COPY

Date: 2/11/05
Time: 3:00 PM





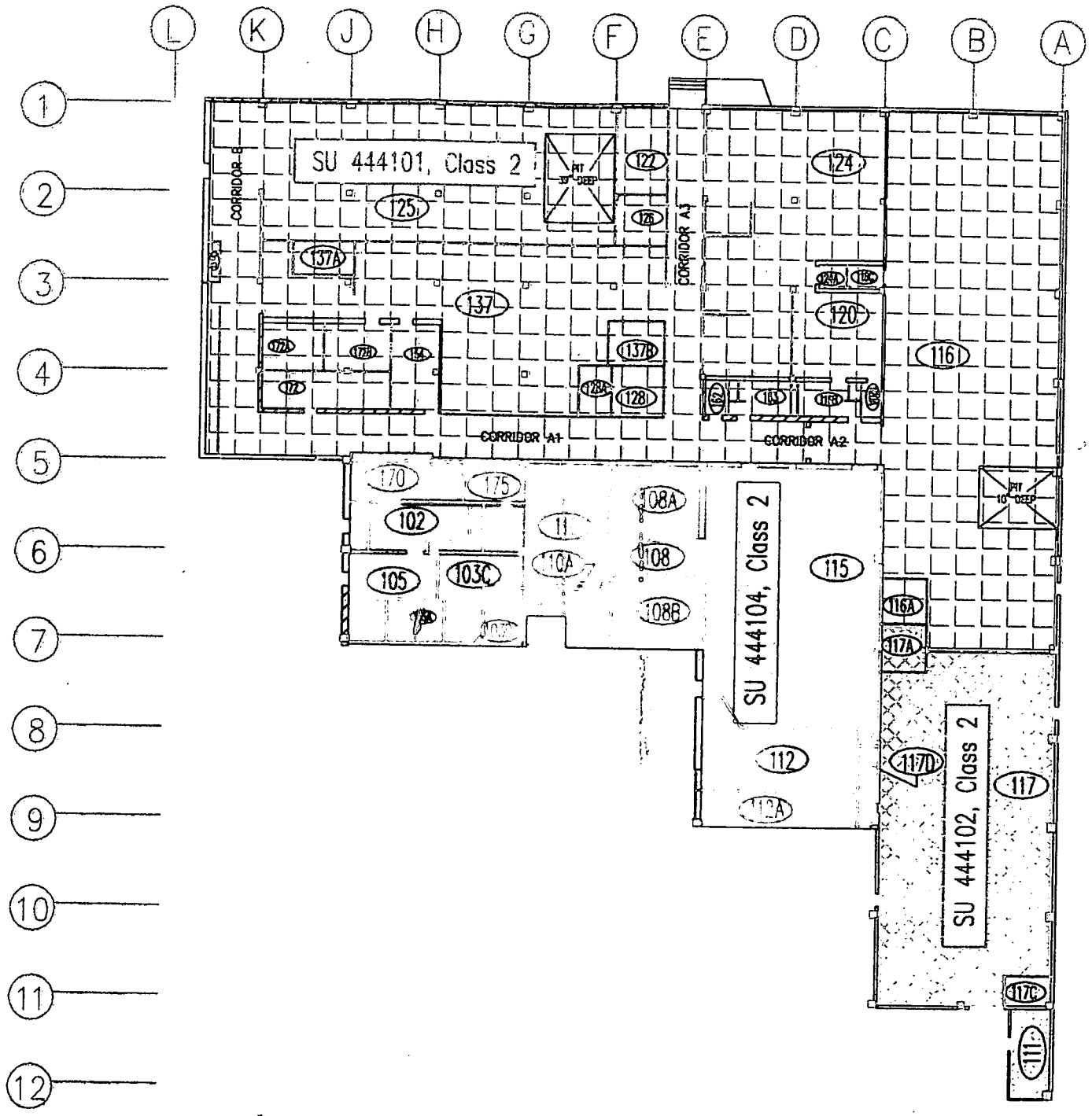
ATTACHMENT B-18

VIA 9 POST-FIXATIVE LLW SURVEY FORMS

None Required – No LLW Surveys included in this Attachment

ATTACHMENT B-19

VIA 1 PDS RADIOLOGICAL SURVEY UNIT DATA SUMMARIES AND SURVEY MAPS



PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1

Survey Area/Unit Description: VIA-1 Radiological Key Map

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Low Level Waste Area
- RCRA/CERCLA Sample Location
- Wall Removed
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 32

0 METERS 10

1 inch = 32 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444 VIA-1 KEY MAP.DWG | Sheet: 1 of 1 | Rev: 1

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Survey Area: VIA 1	Survey Unit: 444101	Building: 444

Description: Building 444 VIA # 1, All Surfaces Rooms 116, 116 Pit, 116A, 116B, 116C, Corridor A1, A2, A3, & B, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, and 172B

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 24
Nbr Random Measurements Performed: 33

Nbr Biased Measurements Required: 24
Nbr Biased Measurements Performed: 24

Nbr QC Required: 2
Nbr QC Performed: 2

Beta

Maximum:	1,711.0 dpm/100cm²
Minimum:	-343.9 dpm/100cm²
Mean:	602.7 dpm/100cm²
Standard Deviation:	467.4
QC Maximum:	1,259.1 dpm/100cm²
QC Minimum:	1,045.4 dpm/100cm²
QC Mean:	1,152.2 dpm/100cm²
Uranium DCGLW:	5,000.0 dpm/100cm²
Uranium DCGLEMC:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 24
Nbr Random Measurements Performed: 33

Nbr Biased Measurements Required: 24
Nbr Biased Measurements Performed: 24

Beta

Maximum:	136.4 dpm/100cm²
Minimum:	-92.8 dpm/100cm²
Mean:	2.3 dpm/100cm²
Standard Deviation:	49.8
Uranium DCGLW:	1,000.0

Media Sample Results

Nbr Random Required: 21
Nbr Random Collected: 21

Nbr Biased Required: 24
Nbr Biased Collected: 24

Uranium

Maximum:	889 dpm/100cm²
Minimum:	-79 dpm/100cm²
Mean:	189 dpm/100cm²
Standard Deviation:	270
Uranium DCGLW:	5,000 dpm/100cm²
Uranium DCGLEMC:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGLW:	100 dpm/100cm²
Transuranic DCGLEMC:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

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Survey Area: VIA 1	Survey Unit: 444101	Building: 444

Description: Building 444 VIA # 1, All Surfaces Rooms 116, 116 Pit, 116A, 116B, 116C, Corridor A1, A2, A3, & B, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, and 172B

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
5	510646	09/23/03	Electra	1255	DP-6	11/22/03	NA	0.220	NA	745.0	T
6	511390	09/23/03	BC-4	772	NA	06/24/04	NA	0.140	NA	258.0	R
7	512590	09/23/03	Electra	3115	DP-6	02/27/04	NA	0.220	NA	745.0	T
8	516299	09/24/03	Electra	3115	DP-6	02/27/04	NA	0.220	NA	745.0	T
9	510646	09/24/03	BC-4	772	NA	06/24/04	NA	0.140	NA	258.0	R
10	511390	09/24/03	Electra	1273	DP-6	01/09/04	NA	0.220	NA	745.0	T
11	702567	11/19/04	Electra	666	DP-8	03/08/05	NA	0.160	NA	745.0	S
12	712467	11/19/04	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
13	701841	11/19/04	Electra	668	DP-8	03/14/05	NA	0.160	NA	745.0	S
14	712193	11/19/04	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	T/S
15	712193	11/20/04	Electra	1415	DP-6	04/21/05	NA	0.220	NA	745.0	S
16	712467	11/20/04	Electra	668	DP-8	03/14/05	NA	0.160	NA	745.0	S
17	712467	11/20/04	Electra	3104	DP-6	03/17/05	NA	0.220	NA	745.0	S
18	712193	11/22/04	Electra	1415	DP-6	04/21/05	NA	0.220	NA	745.0	T/S
19	711447	12/04/04	Electra	666	DP-8	03/08/05	NA	0.160	NA	745.0	S
20	711447	12/04/04	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	T/S
21	712193	12/04/04	Electra	1261	DP-8	02/26/05	NA	0.160	NA	745.0	S
22	712193	12/04/04	Electra	3096	DP-6	04/13/05	NA	0.220	NA	745.0	T/S
23	700831	12/04/04	Electra	2340	DP-6	05/15/05	NA	0.220	NA	745.0	S
24	712467	12/09/04	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	Q
25	700831	12/11/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
26	700831	12/20/04	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 1	Survey Unit: 444101	Building: 444

Description: Building 444 VIA # 1, All Surfaces Rooms 116, 116 Pit, 116A, 116B, 116C, Corridor A1, A2, A3, & B, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, and 172B

Comments Sheet

General Comments: N/A

TSA Comments: N/A

RSA Comments: N/A

Media Comments:

1. The in-process media samples were taken in VIA 1 as a whole and later when the VIA was divided into survey units, the samples were moved to the applicable survey unit. Media Sample locations 1-12 were moved to survey units 444102 and 444104. Media Sample location 17 was not taken because all the surfaces in that area were transite. Media Sample location 18, 26, 28, and 48 had no painted surfaces and were also removed from this package.

2. Removed media sample survey locations 27, 29, 30, 36, 45, 46, 47, and 49 because the wall was removed.

3. Added media samples at locations 50-55, 58, 59, 61, 62, 63, 67-72, 76, 79, 80, and 81 because TSA and RSA survey locations were painted.

4. Media samples (i.e., paint samples) were collected from all non-factory painted surfaces, either during in-process surveys or during the PDS. Since the PDS gridded maps were not completed at the time of the in-process media samples, these in-process media samples were collected at evenly spaced and biased locations throughout all non-factory painted surfaces, in the same density and fashion as if they were PDS gridded and biased locations. Additionally, if there were media sample data gaps discovered during the PDS process, additional media samples were collected at gridded TSA/RSA locations, and biased locations, as necessary. Media samples were not collected or required on bare concrete surfaces or factory painted metal/transite/etc. surfaces. Otherwise, all other painted surfaces were properly characterized per the PDSP requirements. If in-process media samples were collected in areas where the painted surfaces were removed during in-process shaving or scabbling, then these media samples were removed from the data set because they are no longer applicable. Areas on the media maps that do not show media sample locations, are areas where there were no painted surfaces or contained factory painted surfaces. Based on the above discussion, and in-process and PDS media samples collected to date, no further media samples are required to meet PDSP requirements for this survey unit. Both applicable in-process and PDS media samples are reported in this survey unit data summary report, and all media sample data meets PDSP unrestricted release criteria.

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Survey Area: VIA 1	Survey Unit: 444101	Building: 444

Description: Building 444 VIA # 1, All Surfaces Rooms 116, 116 Pit, 116A, 116B, 116C, Corridor A1, A2, A3, & B, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, and 172B

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444101PRP-N050	26	N/A	14.3	26	N/A	21.5
444101PRP-N051	26	N/A	-50.0	26	N/A	50.0
444101PRP-N052	26	N/A	-50.0	26	N/A	50.0
444101PRP-N053	26	N/A	-14.2	26	N/A	7.2
444101PRP-N054	26	N/A	-71.4	26	N/A	-14.2
444101PRP-N055	26	N/A	7.2	26	N/A	-42.8
444101PRP-N056	26	N/A	14.3	N/A	N/A	N/A
444101PRP-N057	26	N/A	7.2	N/A	N/A	N/A
444101PRP-N058	26	N/A	78.6	26	N/A	-92.8
444101PRP-N059	26	N/A	-42.8	26	N/A	-35.7
444101PRP-N060	25	N/A	-62.2	N/A	N/A	N/A
444101PRP-N061	25	N/A	66.4	25	N/A	30.7
444101PRP-N062	25	N/A	80.7	25	N/A	52.1
444101PRP-N063	25	N/A	-26.5	25	N/A	-5.0
444101PRP-N064	25	N/A	9.2	N/A	N/A	N/A
444101PRP-N065	25	N/A	2.1	N/A	N/A	N/A
444101PRP-N066	25	N/A	-33.6	N/A	N/A	N/A
444101PRP-N067	25	N/A	-40.8	25	N/A	30.7
444101PRP-N068	25	N/A	59.2	25	N/A	16.4
444101PRP-N069	25	N/A	23.5	25	N/A	95.0
444101PRP-N070	25	N/A	9.2	25	N/A	23.5
444101PRP-N071	26	N/A	-7.1	26	N/A	-28.5
444101PRP-N072	26	N/A	14.3	26	N/A	85.8
444101PRP-N073	26	N/A	7.2	N/A	N/A	N/A
444101PRP-N074	26	N/A	-42.8	N/A	N/A	N/A
444101PRP-N075	26	N/A	21.5	N/A	N/A	N/A
444101PRP-N076	26	N/A	-85.7	26	N/A	-14.2
444101PRP-N077	26	N/A	-42.8	N/A	N/A	N/A
444101PRP-N078	26	N/A	-50.0	N/A	N/A	N/A

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Survey Area: VIA 1	Survey Unit: 444101	Building: 444

Description: Building 444 VIA # 1, All Surfaces Rooms 116, 116 Pit, 116A, 116B, 116C, Corridor A1, A2, A3, & B, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, and 172B

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444101PRP-N079	26	N/A	57.2	26	N/A	-50.0
444101PRP-N080	26	N/A	71.5	26	N/A	-64.2
444101PRP-N081	26	N/A	57.2	26	N/A	-28.5
444101PRP-N082	26	N/A	71.5	N/A	N/A	N/A

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Survey Area: VIA 1	Survey Unit: 444101	Building: 444

Description: Building 444 VIA # 1, All Surfaces Rooms 116, 116 Pit, 116A, 116B, 116C, Corridor A1, A2, A3, & B, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, and 172B

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444101PBP-N013	6	N/A	-13.6	6	N/A	93.6
444101PBP-N014	6	N/A	-20.7	6	N/A	-42.2
444101PBP-N015	6	N/A	-27.9	6	N/A	15.0
444101PBP-N016	6	N/A	-13.6	6	N/A	50.7
444101PBP-N019	6	N/A	-27.9	6	N/A	50.7
444101PBP-N020	6	N/A	22.1	6	N/A	-20.7
444101PBP-N021	6	N/A	-42.2	6	N/A	-6.4
444101PBP-N022	6	N/A	15.0	6	N/A	-56.4
444101PBP-N023	6	N/A	22.1	6	N/A	93.6
444101PBP-N024	6	N/A	-27.9	6	N/A	136.4
444101PBP-N025	6	N/A	50.7	6	N/A	-13.6
444101PBP-N031	6	N/A	65.0	6	N/A	86.4
444101PBP-N032	6	N/A	0.7	6	N/A	36.4
444101PBP-N033	9	N/A	-55.7	9	N/A	-62.9
444101PBP-N034	9	N/A	-48.6	9	N/A	15.7
444101PBP-N035	9	N/A	65.7	9	N/A	-77.1
444101PBP-N037	9	N/A	8.6	9	N/A	30.0
444101PBP-N038	9	N/A	15.7	9	N/A	-48.6
444101PBP-N039	9	N/A	94.3	9	N/A	-27.1
444101PBP-N040	9	N/A	15.7	9	N/A	-41.4
444101PBP-N041	9	N/A	-41.4	9	N/A	-20.0
444101PBP-N042	9	N/A	-91.4	9	N/A	-55.7
444101PBP-N043	9	N/A	15.7	9	N/A	8.6
444101PBP-N044	9	N/A	65.7	9	N/A	-91.4

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Survey Area: VIA.1	Survey Unit: 444101	Building: 444

Description: Building 444 VIA # 1, All Surfaces Rooms 116, 116 Pit, 116A, 116B, 116C, Corridor A1, A2, A3, & B, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, and 172B

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444101PRP-N050	14	N/A	148.3	20	N/A	1,051.9
444101PRP-N051	14	N/A	393.8	20	N/A	1,201.9
444101PRP-N052	18	N/A	471.1	20	N/A	1,229.2
444101PRP-N053	18	N/A	780.1	20	N/A	1,242.9
444101PRP-N054	14	N/A	507.4	20	N/A	1,638.3
444101PRP-N055	14	N/A	62.0	20	N/A	1,570.1
444101PRP-N056	14	N/A	398.3	N/A	N/A	N/A
444101PRP-N057	18	N/A	1,112.0	N/A	N/A	N/A
444101PRP-N058	18	N/A	593.8	20	N/A	1,415.6
444101PRP-N059	18	N/A	962.0	20	N/A	892.9
444101PRP-N060	14	N/A	748.3	N/A	N/A	N/A
444101QRP-N060	24	N/A	1,045.4	N/A	N/A	N/A
444101PRP-N061	24	N/A	1,093.8	20	N/A	883.8
444101QRP-N061	24	N/A	1,259.1	N/A	N/A	N/A
444101PRP-N062	22	N/A	943.8	20	N/A	611.0
444101PRP-N063	22	N/A	1,689.2	20	N/A	1,465.6
444101PRP-N064	20	N/A	-56.2	N/A	N/A	N/A
444101PRP-N065	20	N/A	39.2	N/A	N/A	N/A
444101PRP-N066	20	N/A	-15.3	N/A	N/A	N/A
444101PRP-N067	20	N/A	902.9	22	N/A	1,033.8
444101PRP-N068	20	N/A	948.3	22	N/A	883.8
444101PRP-N069	20	N/A	316.5	22	N/A	929.2
444101PRP-N070	18	N/A	571.1	22	N/A	1,356.5
444101PRP-N071	18	N/A	675.6	22	N/A	756.5
444101PRP-N072	18	N/A	362.0	22	N/A	1,151.9
444101PRP-N073	14	N/A	898.3	N/A	N/A	N/A
444101PRP-N074	14	N/A	1,352.9	N/A	N/A	N/A

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Survey Area: VIA 1	Survey Unit: 444101	Building: 444

Description: Building 444 VIA # 1, All Surfaces Rooms 116, 116 Pit, 116A, 116B, 116C, Corridor A1, A2, A3, & B, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, and 172B

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444101PRP-N075	14	N/A	330.1	N/A	N/A	N/A
444101PRP-N076	18	N/A	180.1	22	N/A	1,379.2
444101PRP-N077	14	N/A	771.1	N/A	N/A	N/A
444101PRP-N078	14	N/A	566.5	N/A	N/A	N/A
444101PRP-N079	18	N/A	830.1	22	N/A	1,242.9
444101PRP-N080	18	N/A	1,080.1	20	N/A	1,324.7
444101PRP-N081	14	N/A	1,225.6	20	N/A	1,711.0
444101PRP-N082	14	N/A	884.7	N/A	N/A	N/A

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Survey Area: VIA 1	Survey Unit: 444101	Building: 444

Description: Building 444 VIA # 1, All Surfaces Rooms 116, 116 Pit, 116A, 116B, 116C, Corridor A1, A2, A3, & B, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, and 172B

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444101PBP-N013	5	N/A	433.3	5	N/A	214.5
444101PBP-N014	5	N/A	324.2	5	N/A	390.3
444101PBP-N015	7	N/A	492.4	7	N/A	371.3
444101PBP-N016	5	N/A	315.2	5	N/A	488.1
444101PBP-N019	5	N/A	160.6	5	N/A	631.4
444101PBP-N020	7	N/A	497.0	7	N/A	771.3
444101PBP-N021	5	N/A	524.2	5	N/A	602.1
444101PBP-N022	7	N/A	128.8	7	N/A	417.2
444101PBP-N023	5	N/A	237.9	5	N/A	501.1
444101PBP-N024	7	N/A	47.0	7	N/A	240.2
444101PBP-N025	5	N/A	24.2	5	N/A	90.7
444101PBP-N031	5	N/A	342.4	5	N/A	374.1
444101PBP-N032	7	N/A	592.4	7	N/A	692.6
444101PBP-N033	8	N/A	-343.9	8	N/A	-307.4
444101PBP-N034	8	N/A	-16.7	8	N/A	384.5
444101PBP-N035	8	N/A	433.3	8	N/A	515.6
444101PBP-N037	10	N/A	424.2	10	N/A	552.4
444101PBP-N038	10	N/A	-175.8	10	N/A	94.6
444101PBP-N039	10	N/A	-266.7	10	N/A	487.4
444101PBP-N040	10	N/A	101.5	10	N/A	276.4
444101PBP-N041	8	N/A	251.5	8	N/A	699.2
444101PBP-N042	8	N/A	197.0	8	N/A	345.1
444101PBP-N043	8	N/A	24.2	8	N/A	295.9
444101PBP-N044	8	N/A	415.2	8	N/A	446.7

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Survey Unit 444101
Media Sample Results Table

Map Loc	BLDG	VIA	Room	Sample Location Description	Random or Biased	Media Type	Survey Unit Package #	Sample RIN#	Sample Result (dpm/100cm2)
13	444	1	116	Wall	Biased	Paint Chips	444101	03S0349-052.001	37.0
14	444	1	116	Wall	Biased	Paint Chips	444101	03S0349-052.001	37.0
15	444	1	116	Wall	Biased	Paint Chips	444101	03S0349-052.001	37.0
16	444	1	116	Wall	Biased	Paint Chips	444101	03S0349-052.001	37.0
19	444	1	120	Wall	Biased	Paint Chips	444101	03S0349-053.001	317.0
20	444	1	120	Wall	Biased	Paint Chips	444101	03S0349-053.001	317.0
21	444	1	Corridor A1	Wall	Biased	Paint Chips	444101	03S0349-053.001	317.0
22	444	1	Corridor A1	Wall	Biased	Paint Chips	444101	03S0349-053.001	317.0
23	444	1	Corridor A2	Wall	Biased	Paint Chips	444101	03S0349-053.001	317.0
24	444	1	124	Wall	Biased	Paint Chips	444101	03S0349-053.001	317.0
25	444	1	124	Wall	Biased	Paint Chips	444101	03S0349-053.001	317.0
31	444	1	Corridor B	Wall	Biased	Paint Chips	444101	03S0349-053.001	317.0
32	444	1	163	Wall	Biased	Paint Chips	444101	03S0349-054.001	94.0
33	444	1	163	Wall	Biased	Paint Chips	444101	03S0349-054.001	94.0
34	444	1	125	Wall	Biased	Paint Chips	444101	03S0349-055.001	707.0
35	444	1	125	Floor	Biased	Paint Chips	444101	03S0349-055.001	707.0
37	444	1	125	Floor	Biased	Paint Chips	444101	03S0349-055.001	707.0
38	444	1	125	Wall	Biased	Paint Chips	444101	03S0349-055.001	707.0
39	444	1	125 Pit	Wall	Biased	Paint Chips	444101	03S0349-055.001	707.0
40	444	1	125 Pit	Floor	Biased	Paint Chips	444101	03S0349-055.001	707.0
41	444	1	137A	Wall	Biased	Paint Chips	444101	03S0349-056.002	0.0
42	444	1	137A	Wall	Biased	Paint Chips	444101	03S0349-056.002	0.0
43	444	1	137	Wall	Biased	Paint Chips	444101	03S0349-056.002	0.0
44	444	1	137	Wall	Biased	Paint Chips	444101	03S0349-056.002	0.0
50	444	1	Corridor A1	Wall	Random	Paint Chips	444101	NA	888.6
51	444	1	Corridor A2	Wall	Random	Paint Chips	444101	NA	7.0
52	444	1	125	Ceiling	Random	Paint Chips	444101	NA	-14.8
53	444	1	125	Ceiling	Random	Paint Chips	444101	NA	-8.4
54	444	1	125	Floor	Random	Paint Chips	444101	NA	81.8
55	444	1	125	Floor	Random	Paint Chips	444101	NA	77.8
58	444	1	124	Ceiling	Random	Paint Chips	444101	NA	-62.1
59	444	1	Corridor B	Ceiling	Random	Paint Chips	444101	NA	-10.6
61	444	1	116	Ceiling	Random	Paint Chips	444101	NA	10.4
62	444	1	116	Ceiling	Random	Paint Chips	444101	NA	-43.2
63	444	1	116	Ceiling	Random	Paint Chips	444101	NA	-78.6
67	444	1	116	Wall	Random	Paint Chips	444101	NA	5.2
68	444	1	116	Wall	Random	Paint Chips	444101	NA	-60.9
69	444	1	116	Wall	Random	Paint Chips	444101	NA	28.7
70	444	1	137A	Ceiling	Random	Paint Chips	444101	NA	253.6
71	444	1	137	Ceiling	Random	Paint Chips	444101	NA	-28.7
72	444	1	137	Ceiling	Random	Paint Chips	444101	NA	320.2
76	444	1	137B	Ceiling	Random	Paint Chips	444101	NA	-3.0
79	444	1	120	Ceiling	Random	Paint Chips	444101	NA	46.9
80	444	1	122	Ceiling	Random	Paint Chips	444101	NA	-25.2
81	444	1	163	Floor	Random	Paint Chips	444101	NA	4.8
								MIN	-78.6
								MAX	888.6
								MEAN	189.0
								SD	270.1
								DCGLW =	5000.0

Note ** If N/A is listed for 'Sample RIN#' then the samples were counted on the BC-4 instead of Gamma Spectroscopy.
rev. 1 The reported sample results are for uranium isotopes only. Transuranic isotope results are not required for building 444.

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Survey Area: VIA 1	Survey Unit: 444101	Building: 444

Description: Building 444 VIA # 1, All Surfaces Rooms 116, 116 Pit, 116A, 116B, 116C, Corridor A1, A2, A3, & B, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, and 172B

Media Samples Data Sheet

Site Sample ID / Nbr Description	Nuclide	Sample (pCi/g)	Sample MDA (pCi/g)	Weight (g)	Surface Area (in²)	Sample Nuclide (dpm/100cm²)	Sample Nuclide MDA (dpm/100cm²)	Sample Total (dpm/100cm²)
03S0349-052.001 13	U234	0.0000	27.8000	59.80	24.5	0	2,335	
Building 444 VIA 1 Rooms 116A and 116 Samples 13, 14, 15 and 16	U235	0.0000	0.1350			0	11	Uranium
	U238	0.4340	0.6350			37	53	37
	Pu239/240	0.0000	0.6638			0	56	Transuranic
	Am241	0.0000	0.0922			0	8	0
03S0349-053.001 19	U234	0.4880	0.5110	220.70	24.5	151	158	
Building 444 VIA 1 Rooms 120, Corr A, 124, 172, 172B, Corr B Samples 19, 20, 21, 22, 23, 24, 25, 31	U235	0.0474	0.0425			15	13	Uranium
	U238	0.4880	0.5110			151	158	317
	Pu239/240	0.0000	0.4723			0	146	Transuranic
	Am241	0.0000	0.0656			0	20	0
03S0349-054.001 32	U234	0.6080	0.6430	55.10	24.5	47	50	
Building 444 VIA 1 Rooms 163 and 162 Samples 32 and 33	U235	0.0000	0.1470			0	11	Uranium
	U238	0.6080	0.6430			47	50	94
	Pu239/240	0.0000	0.6581			0	51	Transuranic
	Am241	0.0000	0.0914			0	7	0
03S0349-055.001 34	U234	1.4700	0.4280	165.80	24.5	342	100	
Building 444 VIA 1 Rooms 125 and 125 Pit Samples 34, 35, 37-40	U235	0.0979	0.0607			23	14	Uranium
	U238	1.4700	0.4280			342	100	707
	Pu239/240	0.0000	0.3902			0	91	Transuranic
	Am241	0.0000	0.0542			0	13	0
03S0349-056.001 41	U234	0.0000	0.5530	120.50	24.5	0	94	
Building 444 VIA 1 Rooms 137, 126, 128, and 137A Samples 41-44	U235	0.0000	0.0883			0	15	Uranium
	U238	0.0000	0.5530			0	94	0
	Pu239/240	0.0000	0.4601			0	78	Transuranic
	Am241	0.0000	0.0639			0	11	0

rev.1

The uranium results on this page are also reported on page 10.

Although transuranic results are reported on this page, these sample results are not required for Building 444.

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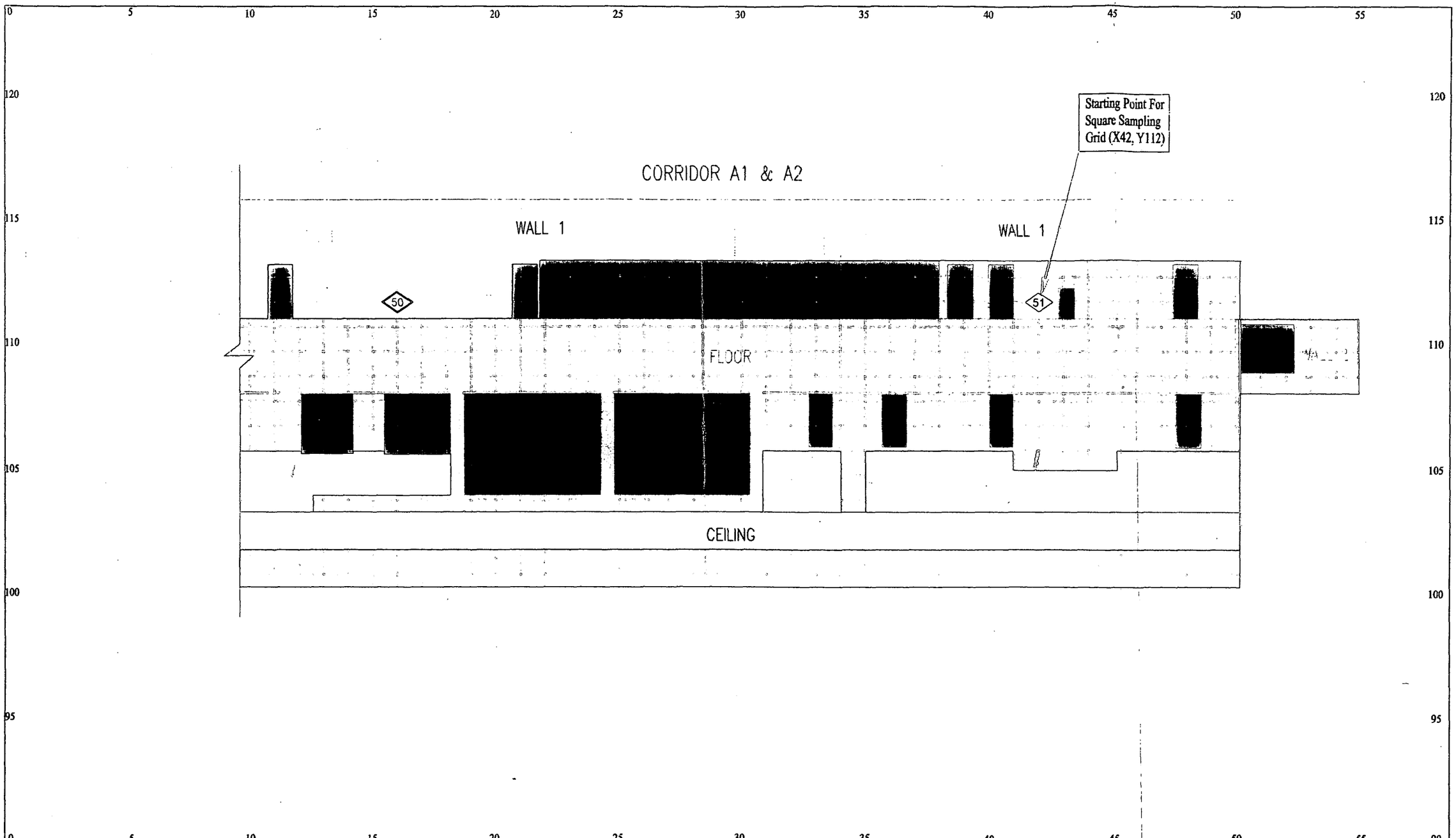

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444101 Classification: 2

Survey Area/Unit Description: Building 444 VIA#1, All Surfaces Corridor A1, A2, A3, B & Rooms 116, 116 Pit, 116A, 116B, 116C, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, & 172B

Floor Area: 1,592 sq.m Total Area: 4,259 sq.m Grid Spacing for Survey Area: 13 m x 13 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 12
0 METERS 4

1 inch = 12 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444101 SHT 01.DWG | Sheet: 1 of 13 | Rev: 0

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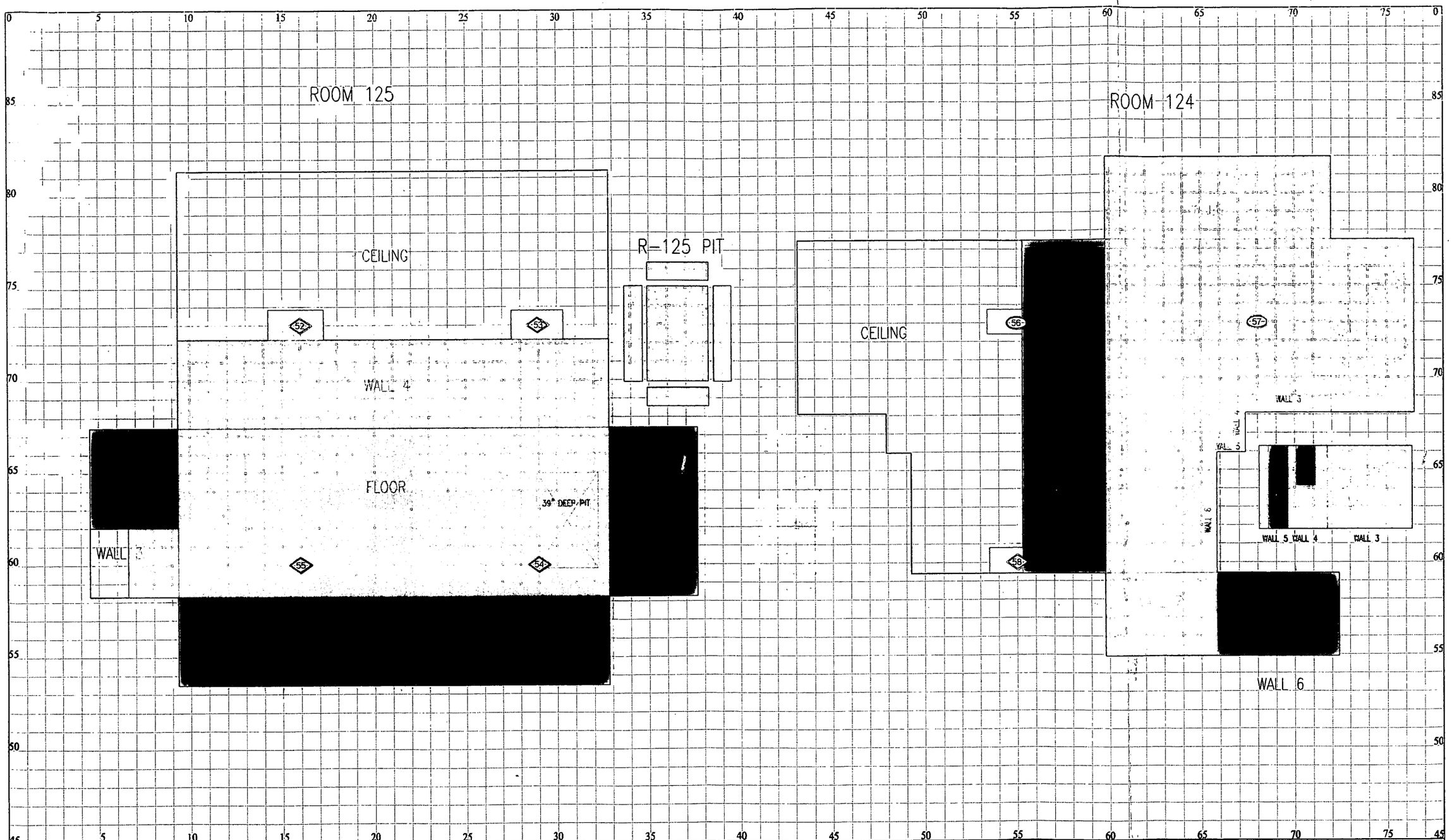

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444101 Classification: 2

Survey Area/Unit Description: Building 444 VIA#1, All Surfaces Corridor A1, A2, A3, B & Rooms 116, 116 Pit, 116A, 116B, 116C, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, & 172B

Floor Area: 1,592 sq.m Total Area: 4,259 sq.m Grid Spacing for Survey Area: 13 m x 13 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 16
0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

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Rocky Flats Environmental Technology Site

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Prepared for: KAISER HILL

File Name: PDS 444101 SHT 02.DWG | Sheet: 2 of 13 | Rev: 0

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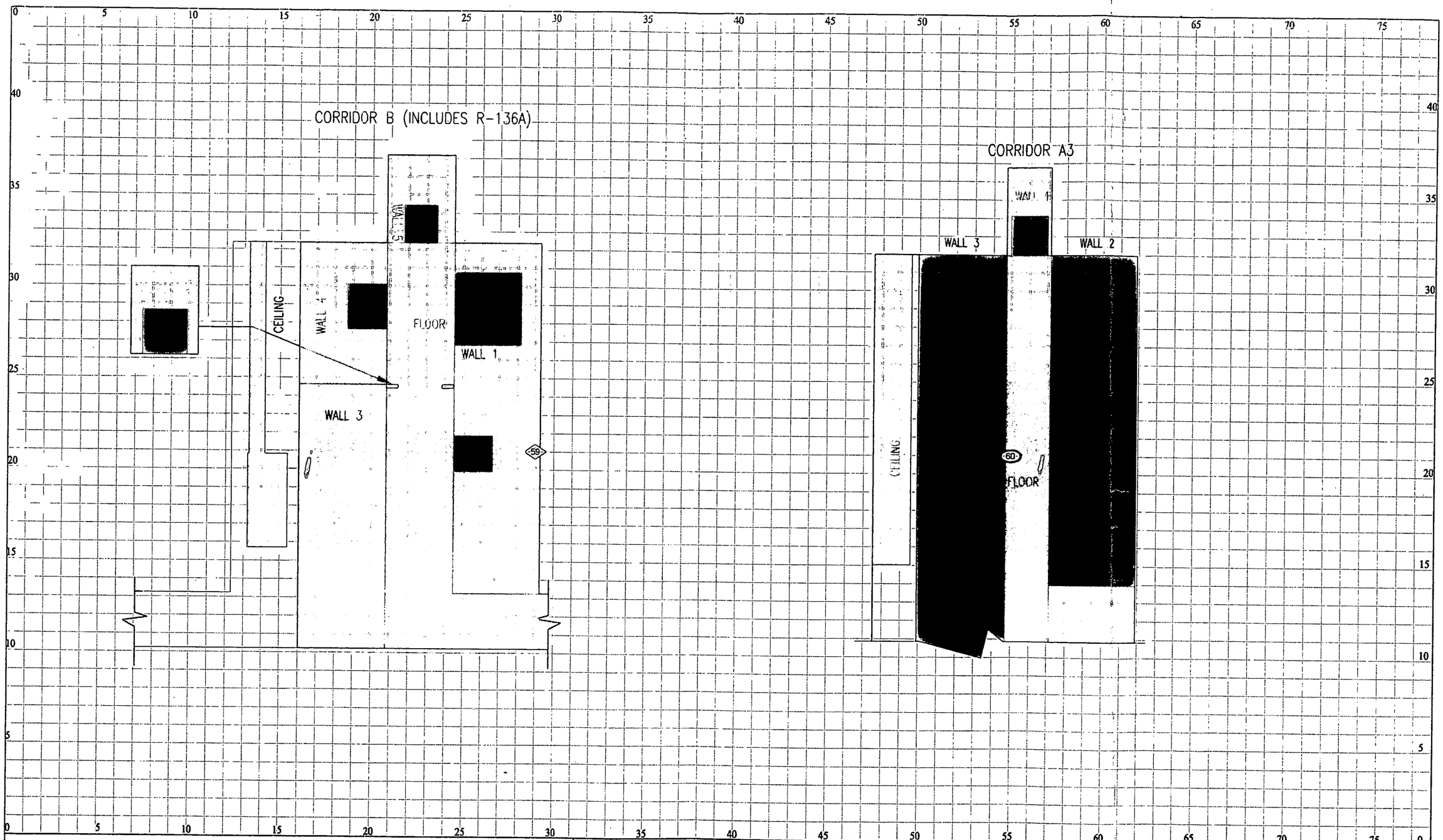

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444101 Classification: 2

Survey Area/Unit Description: Building 444 VIA#1, All Surfaces Corridor A1, A2, A3 & B & Rooms 116, 116 Pit 116A, 116B, 116C, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, & 172B

Floor Area: 1,592 sq.m Total Area: 4,259 sq.m Grid Spacing for Survey Area: 13 m x 13 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 16
0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

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Prepared for: KAISER HILL

File Name: PDS 444101 SHT 03.DWG Sheet: 3 of 13 Rev: 0

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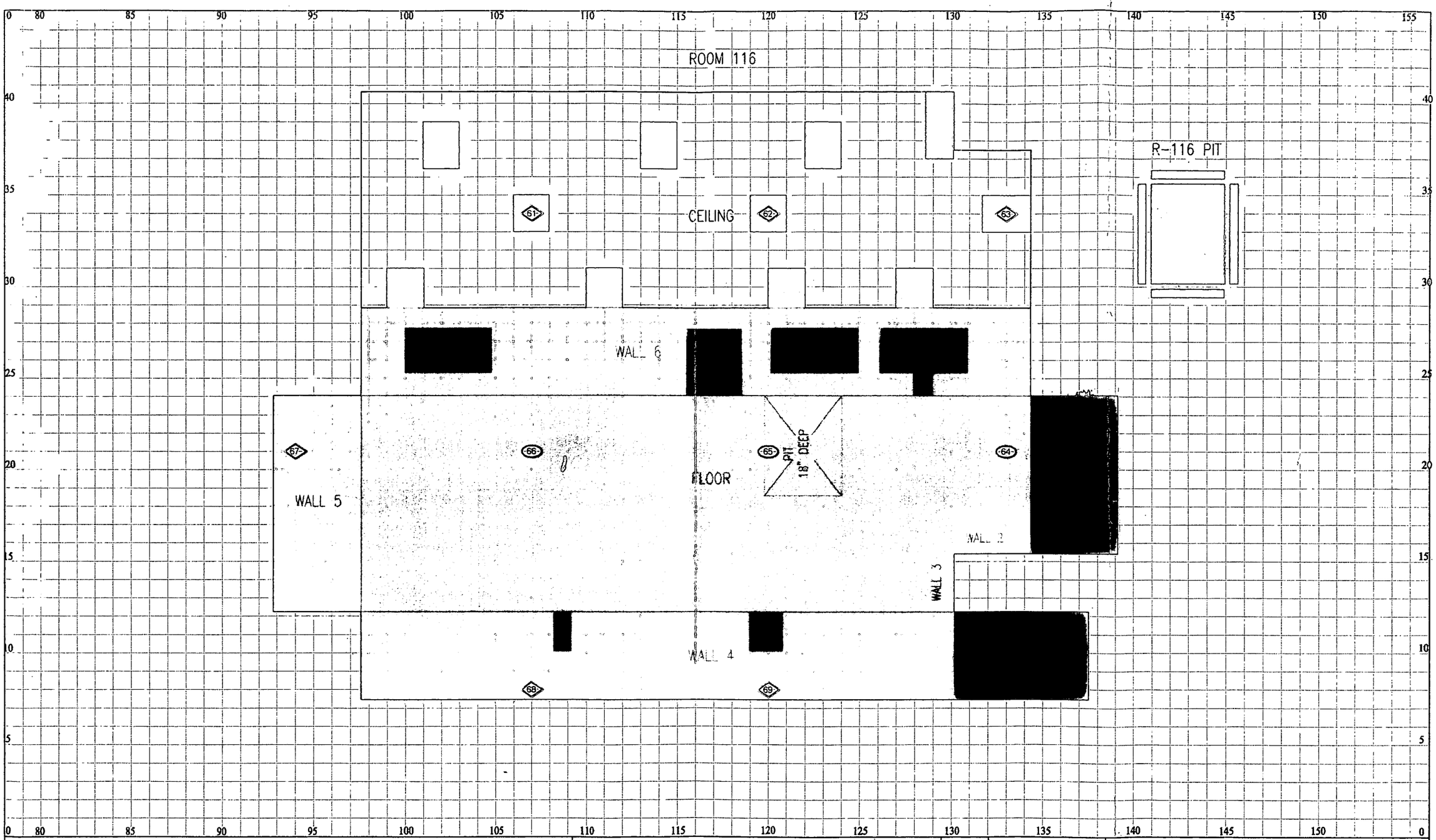

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444101 Classification: 2

Survey Area/Unit Description: Building 444 VIA#1, all surfaces Corridor A1, A2, A3, B & Rooms 116, 116 Pit, 116A, 116B, 116C, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, & 172B

Floor Area: 1,592 sq.m Total Area: 4,259 sq.m Grid Spacing for Survey Area: 13 m x 13 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Areas

N

0 FEET 16
0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

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Prepared for: KAISER HILL

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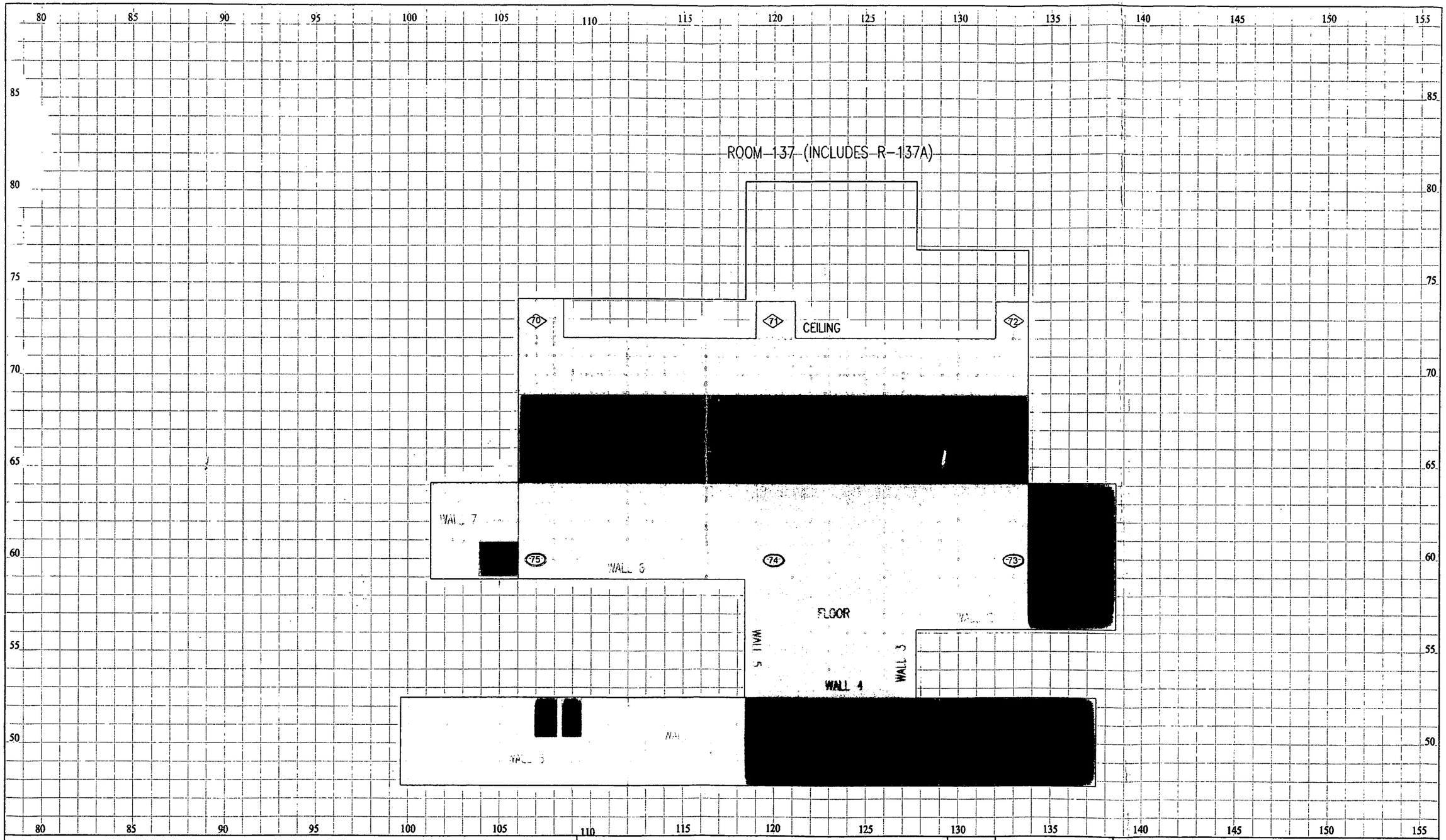

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444101 Classification: 2

Survey Area/Unit Description: Building 444 VIA#1, all Surfaces Corridor A1, A2, A3, B & Rooms 116, 116 Pit, 116A, 116B, 116C, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, & 172B

Floor Area: 1,592 sq.m Total Area: 4,259 sq.m Grid Spacing for Survey Area: 13 m x 13 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 16
0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

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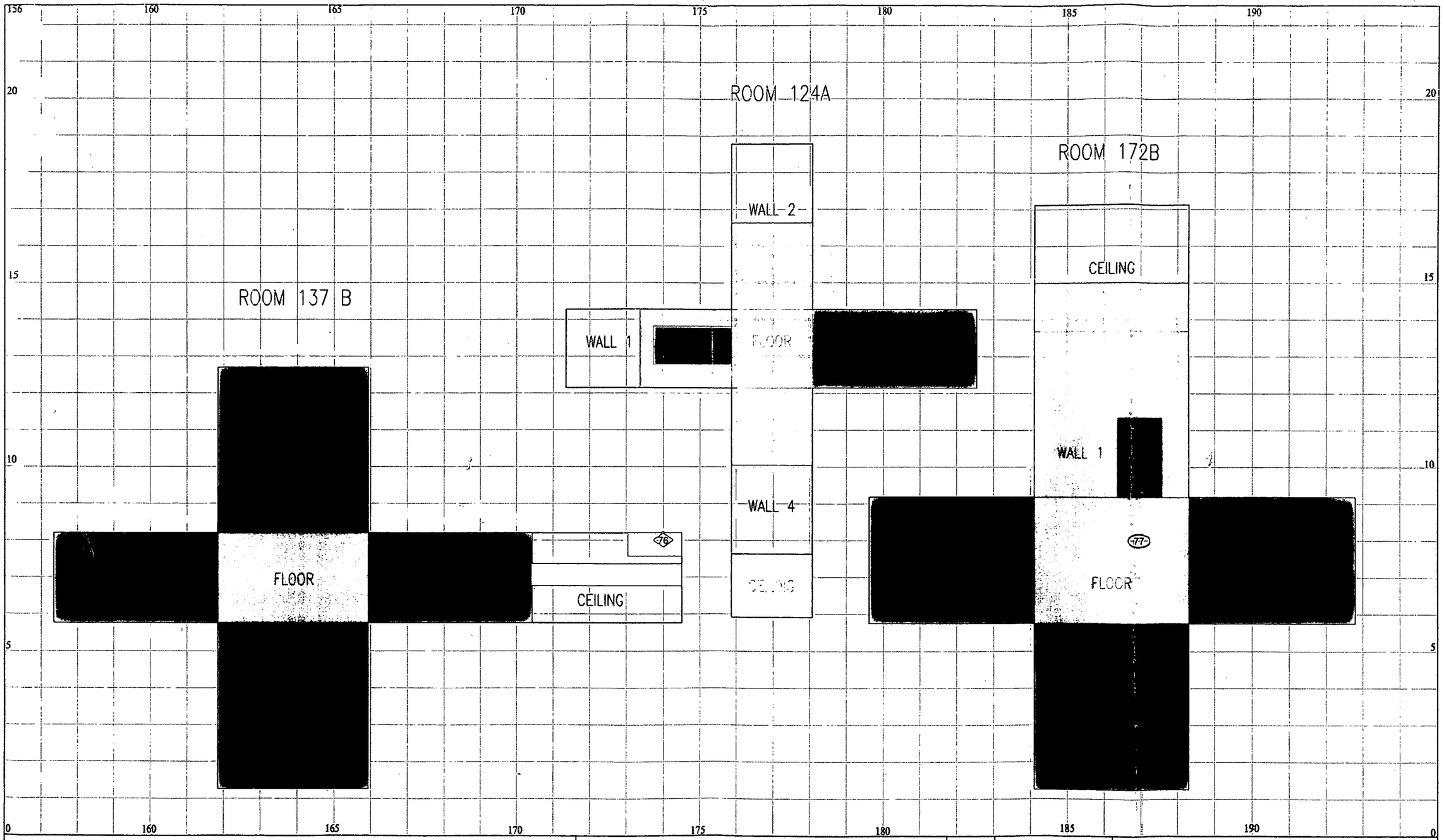

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444101 Classification: 2

Survey Area/Unit Description: Building 444 VIA#1, all surfaces Corridor A1, A2, A3, B & Rooms 116, 116 Pit ,116A, 116B, 116C, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, & 172B

Floor Area: 1,592 sq.m Total Area: 4,259 sq.m Grid Spacing for Survey Area: 13 m x 13 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 8
0 METERS 2.5

1 inch = 2.5 feet
1 grid sq. = 1 sq. m.

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Rocky Flats Environmental Technology Site

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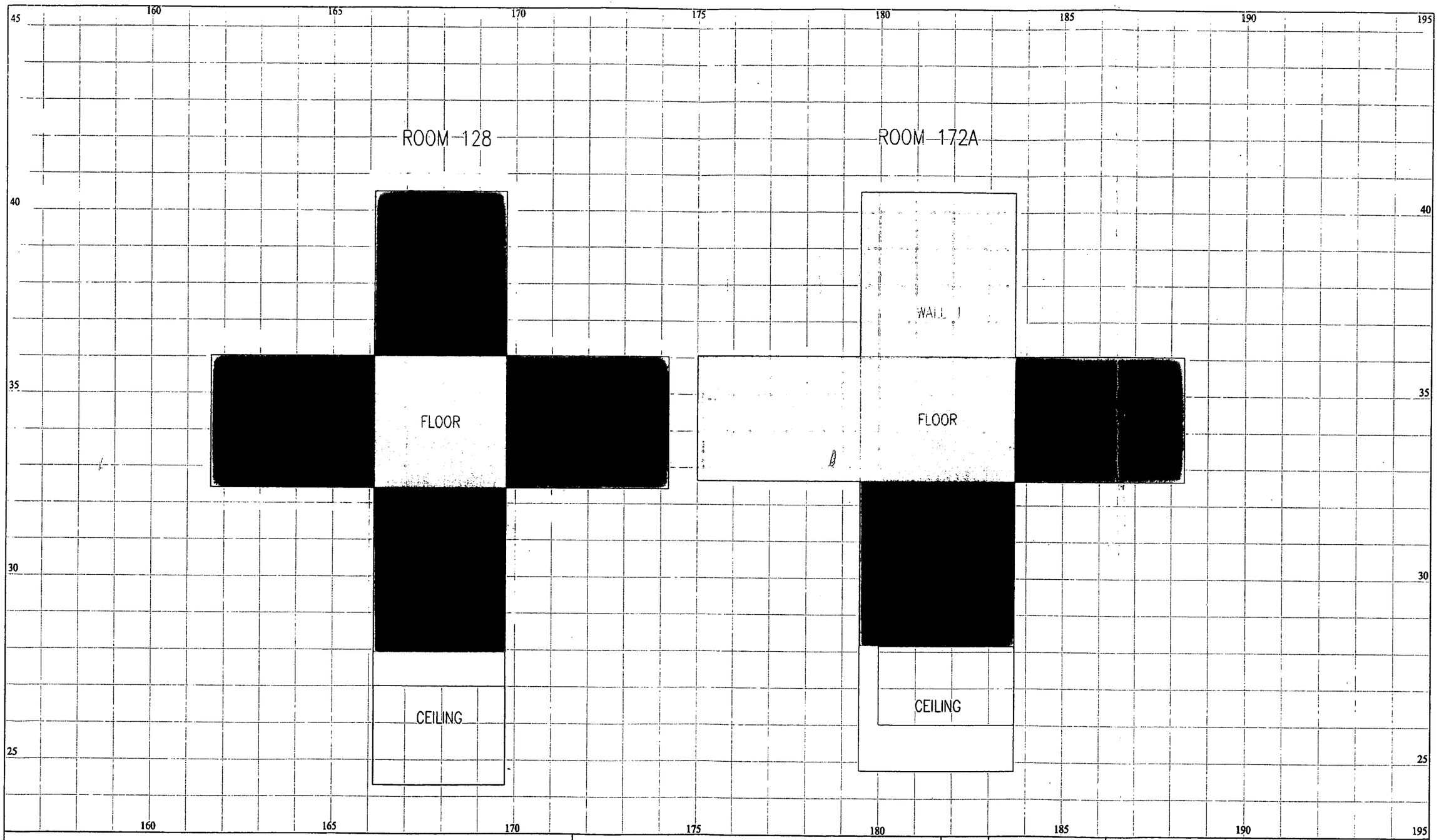
814



PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444101 Classification: 2

Survey Area/Unit Description: Building 444 VIA#1, all surfaces Corridor A1, A2, A3, B & Rooms 116, 116 Pit, 116A, 116B, 116C, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, & 172B

Floor Area: 1,592 sq.m Total Area: 4,259 sq.m Grid Spacing for Survey Area: 13 m x 13 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Areas

N

0 FEET 8
0 METERS 2.5

1 inch = 2.5 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
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File Name: PDS 444101 SHT 07.DWG | Sheet: 7 of 13 | Rev: 0

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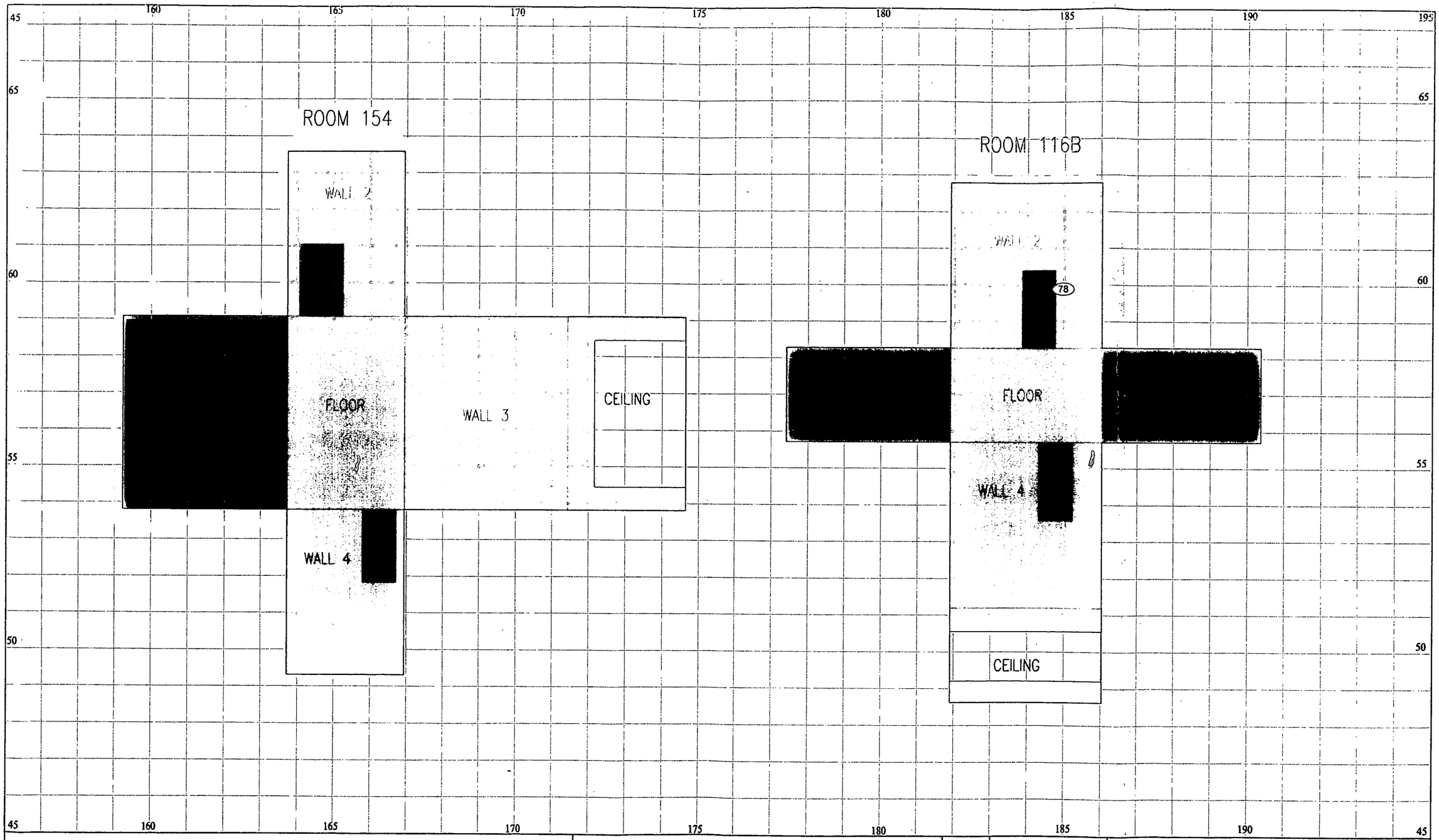

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444101 Classification: 2

Survey Area/Unit Description: Building 444 VIA#1, All Surfaces Corridor A1, A2, A3, B & Rooms 116, 116 Pit, 116A, 116B, 116C, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, & 172B

Floor Area: 1,592 sq.m Total Area: 4,259 sq.m Grid Spacing for Survey Area: 13 m x 13 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 8
0 METERS 2.5

1 inch = 2.5 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

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File Name: PDS 444101 SHT 08.DWG | Sheet: 8 of 13 | Rev: 0

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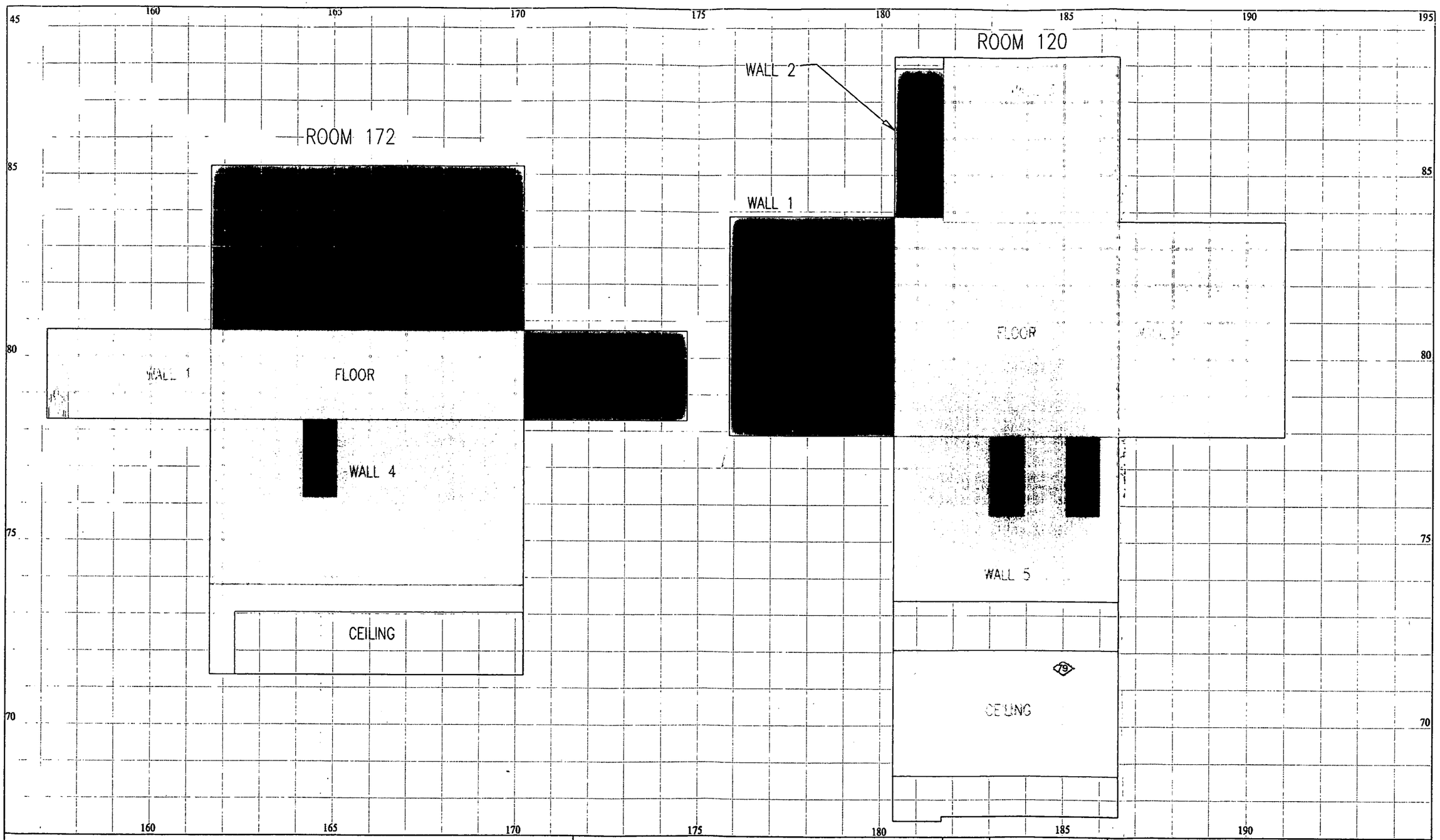

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444101 Classification: 2

Survey Area/Unit Description: Building 444 VIA#1, All Surfaces Corridor A1, A2, A3, B & Rooms 116, 116 Pit, 116A, 116B, 116C, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, & 172B

Floor Area: 1,592 sq.m Total Area: 4,259 sq.m Grid Spacing for Survey Area: 13 m x 13 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 8
0 METERS 2.5

1 inch = 2.5 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFSS Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444101 SHT 09.DWG | Sheet: 9 of 13 | Rev: 0

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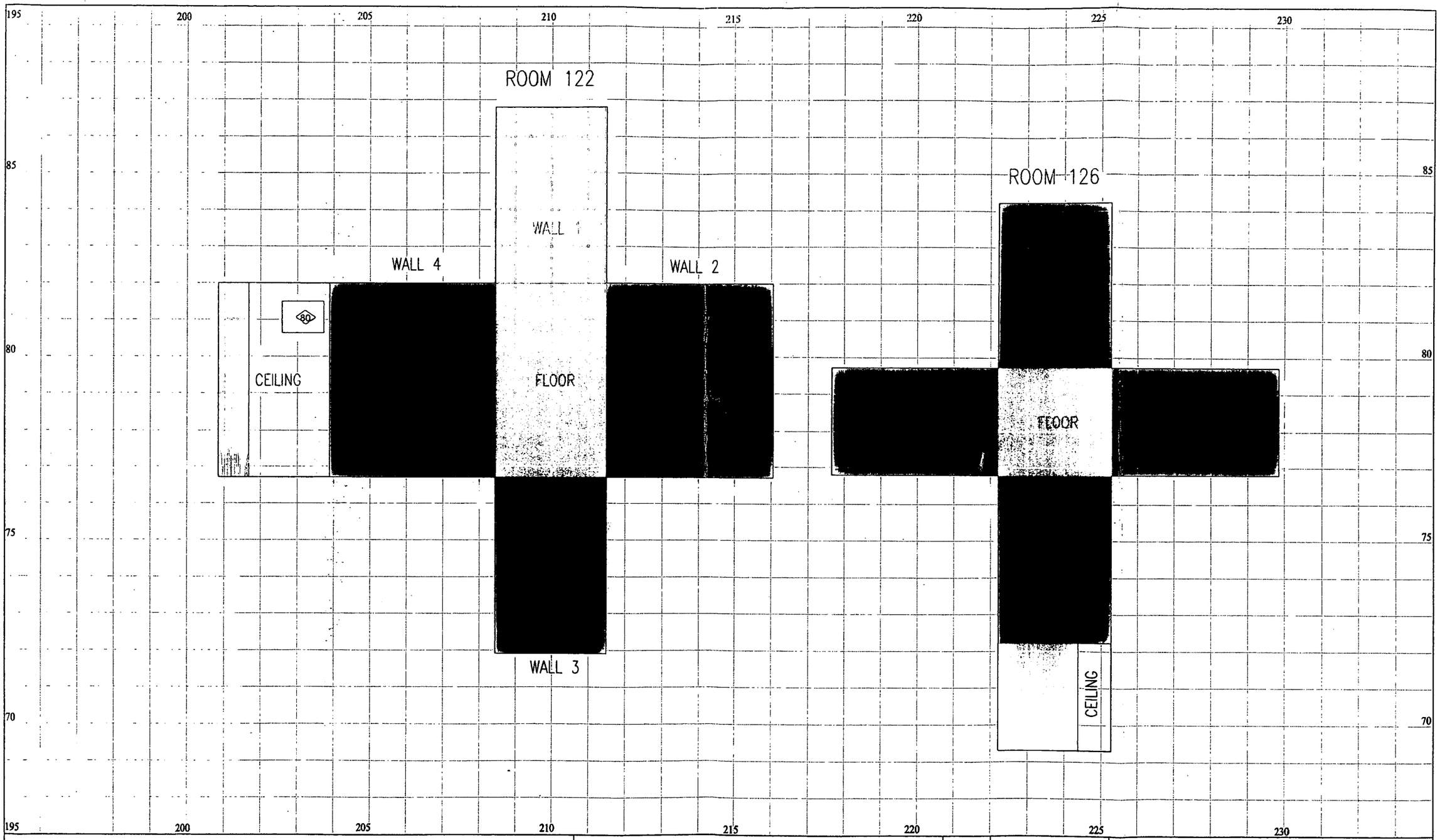
814



PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444101 Classification: 2

Survey Area/Unit Description: Building 444 VIA#1, All Surfaces Corridor A1, A2, A3, B & Rooms 116, 116 Pit, 116A, 116B, 116C, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, & 172B

Floor Area: 1,592 sq.m Total Area: 4,259 sq.m Grid Spacing for Survey Area: 13 m x 13 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 8
0 METERS 2.5

1 inch = 2.5 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444101 SHT 10.DWG | Sheet: 10 of 13 | Rev: 0

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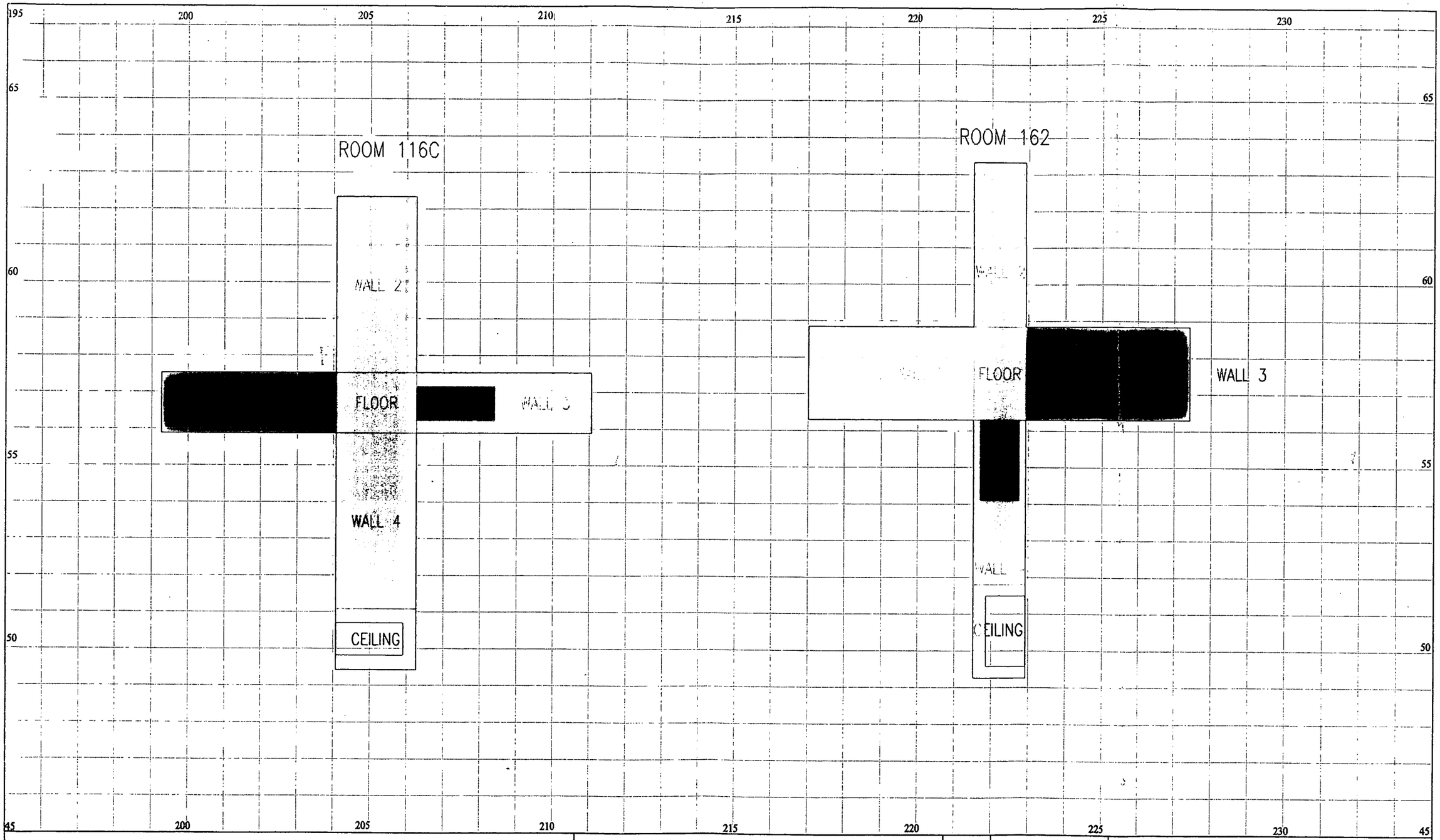

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444101 Classification: 2

Survey Area/Unit Description: Building 444 VIA#1, All Surfaces Corridor A1, A2, A3, B & Rooms 116, 116 Pit, 116A, 116B, 116C, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, & 172B

Floor Area: 1,592 sq.m Total Area: 4,259 sq.m Grid Spacing for Survey Area: 13 m x 13 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 8
0 METERS 2.5

1 inch = 2.5 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444101 SHT 11.DWG | Sheet: 11 of 13 | Rev: 0

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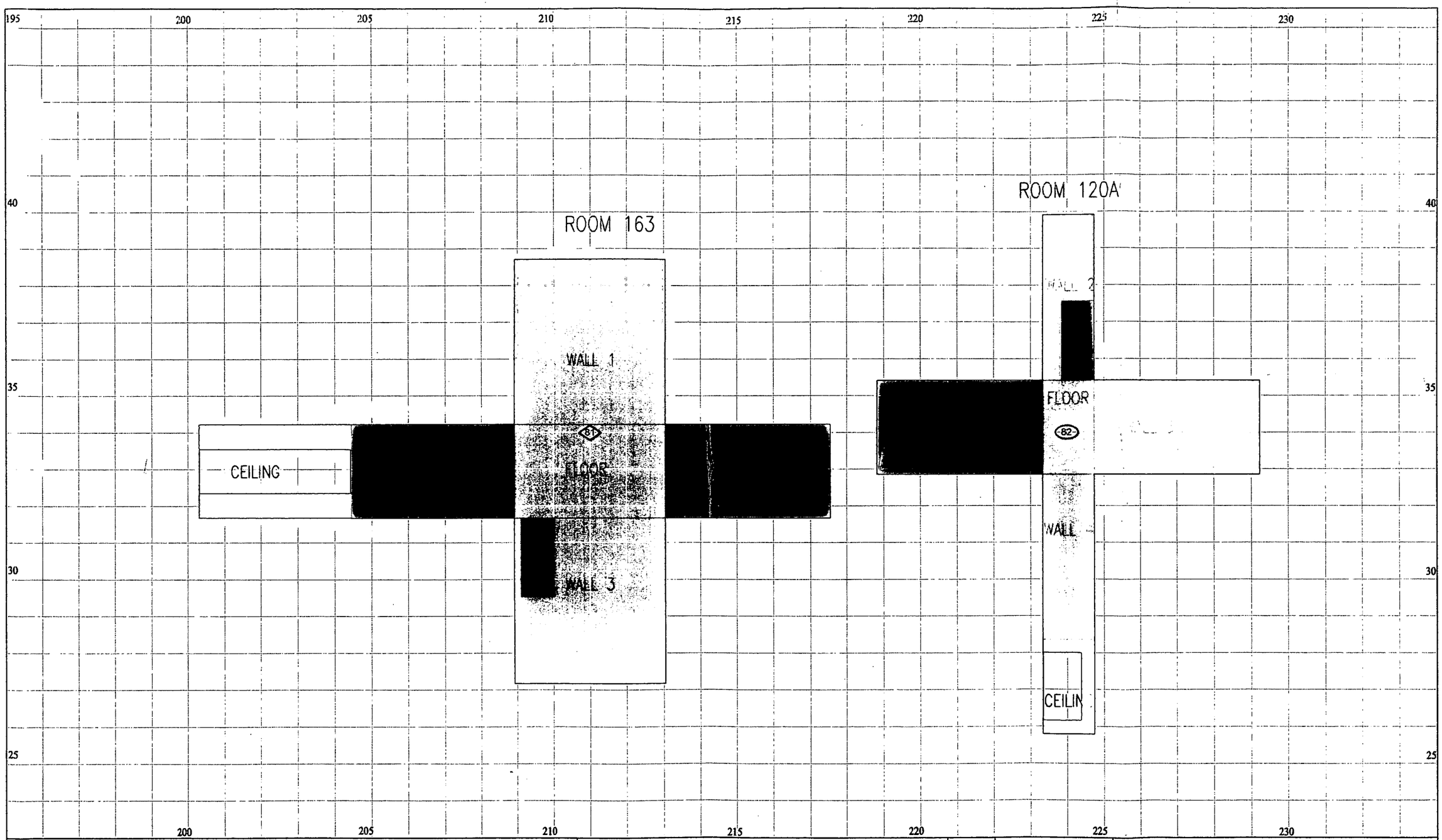

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444101 Classification: 2

Survey Area/Unit Description: Building 444 VIA#1, All Surfaces Corridor A1, A2, A3, B & Rooms 116, 116 Pit, 116A, 116B, 116C, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, & 172B

Floor Area: 1,592 sq.m Total Area: 4,259 sq.m Grid Spacing for Survey Area: 13 m x 13 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 8
0 METERS 2.5

1 inch = 2.5 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444101 SHT 12.DWG Sheet: 12 of 13 Rev: 0

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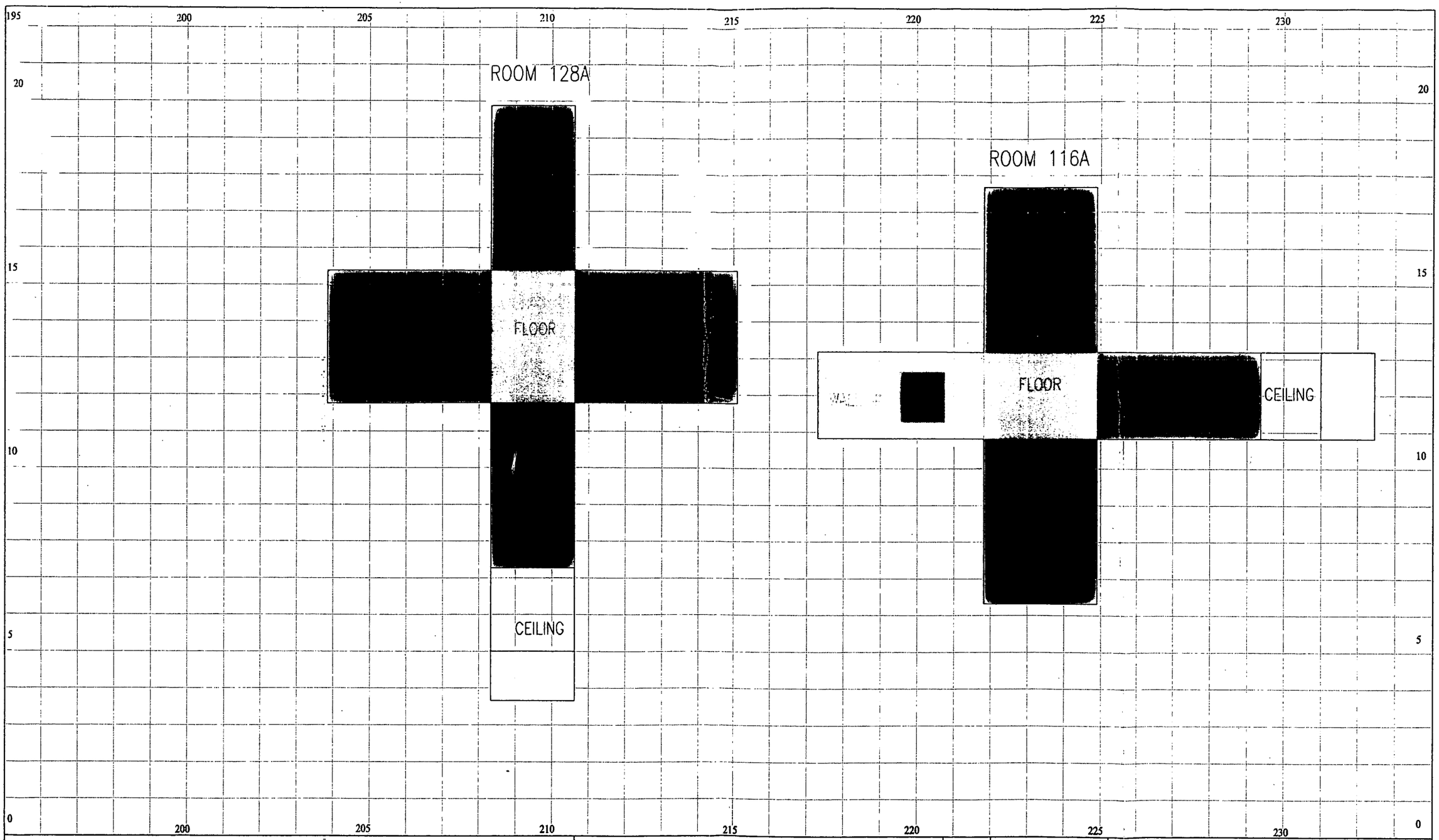

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444101 Classification: 2

Survey Area/Unit Description: Building 444 VIA#1, All Surfaces Corridor A1, A2, A3, B & Rooms 116, 116 Pit, 116A, 116B, 116C, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, & 172B

Floor Area: 1,592 sq.m Total Area: 4,259 sq.m Grid Spacing for Survey Area: 13 m x 13 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 8
0 METERS 2.5

1 inch = 2.5 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: ROCKY FLATS Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444101 SHT 13.DWG | Sheet: 13 of 13 | Rev: 0

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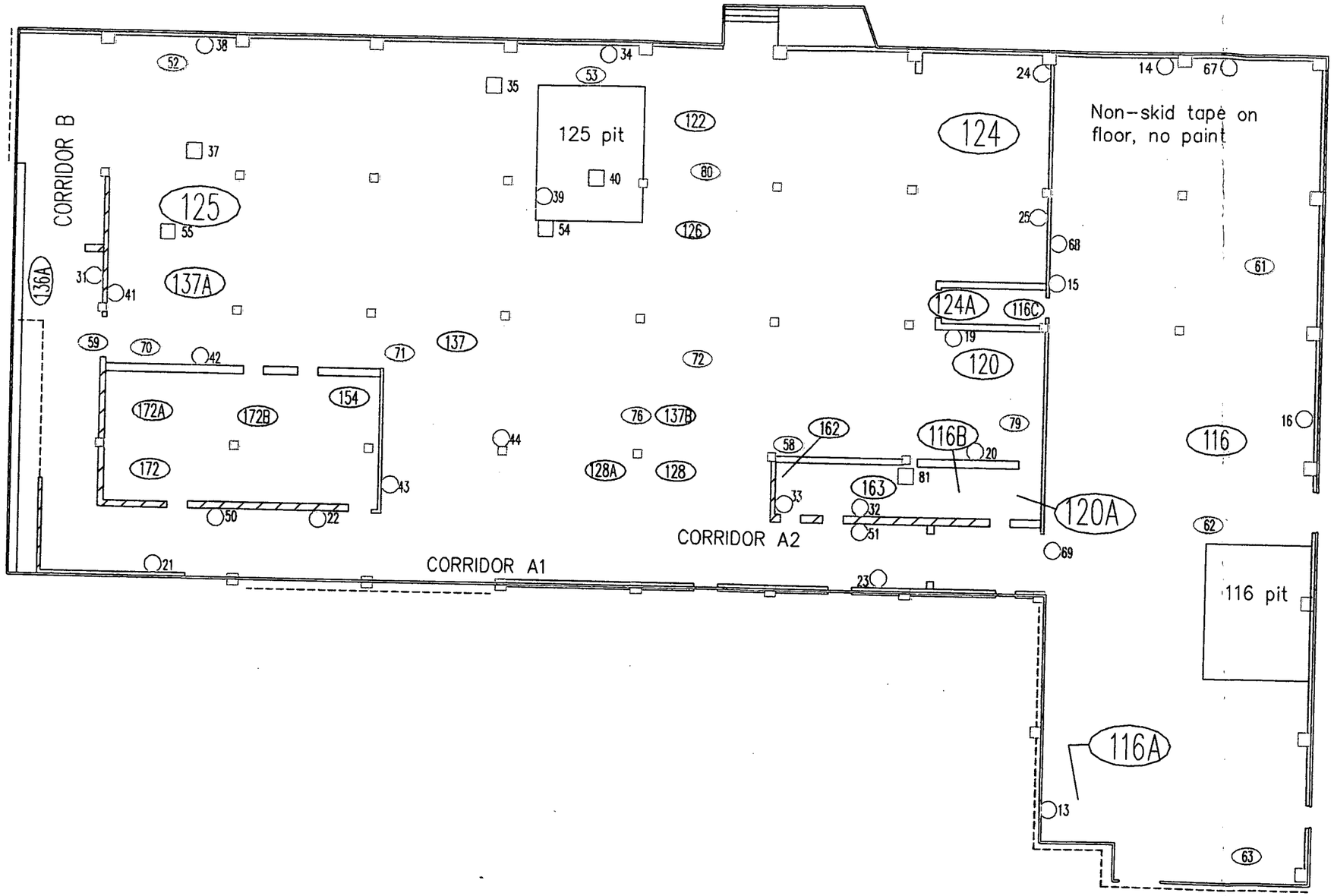

PRE-DEMOLITION MEDIA SAMPLING MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444101 Classification: 2

Survey Area/Unit Description: Building 444 VIA#1, All Surfaces Corridor A1, A2, A3, B & Rooms 116, 116 Pit, 116A, 116B, 116C, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A, & 172B

Floor Area: 1,594 sq.m Total Area: 5,139 sq.m Date: 01/24/ 2005

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SURVEY POINT LEGEND

- Wall Sample Location
- Floor Sample Location
- Ceiling Sample Location
- Outside Wall Removed

N

0 FEET 16
0 METERS 5

1 inch = 15 feet

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: MEDIA 444101-C-2.DWG | Sheet 1 of 1 | Rev. 2

Survey Area: VIA 1	Survey Unit: 444102	Building: 444

Description: Building 444 VIA # 1, All surfaces, Rooms 111, 117, 117A, and 117C.

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 15
Nbr Random Measurements Performed: 15

Nbr Biased Measurements Required: 15
Nbr Biased Measurements Performed: 15

Nbr QC Required: 2
Nbr QC Performed: 2

Beta

Maximum:	2,053.8 dpm/100cm²
Minimum:	-619.4 dpm/100cm²
Mean:	808.7 dpm/100cm²
Standard Deviation:	636.8
QC Maximum:	1,765.9 dpm/100cm²
QC Minimum:	1,697.7 dpm/100cm²
QC Mean:	1,731.8 dpm/100cm²
Uranium DCGLw:	5,000.0 dpm/100cm²
Uranium DCGLEMC:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 15
Nbr Random Measurements Performed: 15

Nbr Biased Measurements Required: 15
Nbr Biased Measurements Performed: 15

Beta

Maximum:	105.0 dpm/100cm²
Minimum:	-83.6 dpm/100cm²
Mean:	-5.4 dpm/100cm²
Standard Deviation:	44.3
Uranium DCGLw:	1,000.0

Media Sample Results

Nbr Random Required: 13
Nbr Random Collected: 13

Nbr Biased Required: 15
Nbr Biased Collected: 15

Uranium

Maximum:	448 dpm/100cm²
Minimum:	-110 dpm/100cm²
Mean:	73 dpm/100cm²
Standard Deviation:	122
Uranium DCGLw:	5,000 dpm/100cm²
Uranium DCGLEMC:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGLw:	100 dpm/100cm²
Transuranic DCGLEMC:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

Survey Area: VIA 1	Survey Unit: 444102	Building: 444

Description: Building 444 VIA # 1, All surfaces, Rooms 111, 117, 117A, and 117C.

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
1	510646	09/17/03	Electra	2352	DP-6	02/08/04	NA	0.220	NA	745.0	T
2	511390	09/17/03	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
3	701418	06/07/04	Electra	2319	DP-6	07/29/04	NA	0.220	NA	745.0	T
4	701418	06/07/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
5	701418	06/07/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
6	702567	11/19/04	Electra	666	DP-8	03/08/05	NA	0.160	NA	745.0	S
7	712467	11/19/04	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
8	701841	11/19/04	Electra	668	DP-8	03/14/05	NA	0.160	NA	745.0	S
9	712193	11/19/04	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	S
10	712193	11/20/04	Electra	1415	DP-6	04/21/05	NA	0.220	NA	745.0	S
11	712467	11/20/04	Electra	668	DP-8	03/14/05	NA	0.160	NA	745.0	S
12	712467	11/20/04	Electra	3104	DP-6	03/17/05	NA	0.220	NA	745.0	S
13	712193	12/04/04	Electra	1261	DP-8	02/26/05	NA	0.160	NA	745.0	S
14	712193	12/04/04	Electra	3096	DP-6	04/13/05	NA	0.220	NA	745.0	T/Q/S
15	712467	12/09/04	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	T/S
16	700831	12/11/04	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 1	Survey Unit: 444102	Building: 444

Description: Building 444 VIA # 1, All surfaces, Rooms 111, 117, 117A, and 117C.

Comments Sheet

General Comments: N/A

TSA Comments: N/A

RSA Comments: N/A

Media Comments: 1. Media samples (i.e., paint samples) were collected from all non-factory painted surfaces, either during in-process surveys or during the PDS. Since the PDS gridded maps were not completed at the time of the in-process media samples, these in-process media samples were collected at evenly spaced and biased locations throughout all non-factory painted surfaces, in the same density and fashion as if they were PDS gridded and biased locations. Additionally, if there were media sample data gaps discovered during the PDS process, additional media samples were collected at gridded TSA/RSA locations, and biased locations, as necessary. Media samples were not collected or required on bare concrete surfaces or factory painted metal/transite/etc. surfaces. Otherwise, all other painted surfaces were properly characterized per the PDSP requirements. If in-process media samples were collected in areas where the painted surfaces were removed during in-process shaving or scabbling, then these media samples were removed from the data set because they are no longer applicable. Areas on the media maps that do not show media sample locations, are areas where there were no painted surfaces or contained factory painted surfaces. Based on the above discussion, and in-process and PDS media samples collected to date, no further media samples are required to meet PDSP requirements for this survey unit. Both applicable in-process and PDS media samples are reported in this survey unit data summary report, and all media sample data meets PDSP unrestricted release criteria.

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Survey Area: VIA 1	Survey Unit: 444102	Building: 444

Description: Building 444 VIA # 1, All surfaces, Rooms 111, 117, 117A, and 117C.

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444102PRP-N016	16	N/A	-40.8	16	N/A	73.5
444102PRP-N017	16	N/A	-62.2	16	N/A	-83.6
444102PRP-N018	16	N/A	16.4	16	N/A	52.1
444102PRP-N019	16	N/A	102.1	16	N/A	37.8
444102PRP-N020	16	N/A	-5.0	16	N/A	-33.6
444102PRP-N021	16	N/A	-12.2	16	N/A	45.0
444102PRP-N022	16	N/A	9.2	16	N/A	-33.6
444102PRP-N023	16	N/A	-5.0	16	N/A	-40.8
444102PRP-N024	16	N/A	16.4	16	N/A	45.0
444102PRP-N025	16	N/A	52.1	16	N/A	-26.5
444102PRP-N026	16	N/A	-40.8	16	N/A	-62.2
444102PRP-N027	16	N/A	16.4	16	N/A	16.4
444102PRP-N028	16	N/A	-40.8	16	N/A	-76.5
444102PRP-N029	16	N/A	-5.0	N/A	N/A	N/A
444102PRP-N030	16	N/A	16.4	N/A	N/A	N/A

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Survey Area: VIA 1	Survey Unit: 444102	Building: 444

Description: Building 444 VIA # 1, All surfaces, Rooms 111, 117, 117A, and 117C.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444102PBP-N001	2	N/A	-61.4	2	N/A	17.1
444102PBP-N002	2	N/A	-4.3	2	N/A	-82.9
444102PBP-N003	2	N/A	-11.4	2	N/A	-18.6
444102PBP-N004	2	N/A	-32.9	2	N/A	-25.7
444102PBP-N005	2	N/A	-32.9	2	N/A	-4.3
444102PBP-N006	4	N/A	-50.8	4	N/A	35.0
444102PBP-N007	5	N/A	-45.0	5	N/A	-23.6
444102PBP-N008	4	N/A	35.0	4	N/A	49.2
444102PBP-N009	5	N/A	40.7	5	N/A	-66.5
444102PBP-N010	4	N/A	-36.5	4	N/A	-36.5
444102PBP-N011	5	N/A	-2.2	5	N/A	105.0
444102PBP-N012	4	N/A	-7.9	4	N/A	85.0
444102PBP-N013	5	N/A	12.1	5	N/A	19.3
444102PBP-N014	4	N/A	-7.9	4	N/A	-22.2
444102PBP-N015	5	N/A	-23.6	5	N/A	-45.0

Survey Area: VIA 1	Survey Unit: 444102	Building: 444

Description: Building 444 VIA # 1, All surfaces, Rooms 111, 117, 117A, and 117C.

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444102PRP-N016	15	N/A	683.0	15	N/A	1,381.1
444102QRP-N017	14	N/A	1,697.7	N/A	N/A	N/A
444102PRP-N017	15	N/A	1,596.6	15	N/A	1,476.6
444102PRP-N018	15	N/A	1,010.3	15	N/A	1,803.8
444102PRP-N019	15	N/A	1,064.8	15	N/A	1,590.2
444102PRP-N020	15	N/A	737.5	15	N/A	1,426.6
444102PRP-N021	15	N/A	442.1	15	N/A	1,617.5
444102PRP-N022	15	N/A	760.3	15	N/A	1,381.1
444102PRP-N023	15	N/A	578.4	15	N/A	2,053.8
444102PRP-N024	15	N/A	64.8	15	N/A	731.1
444102PRP-N025	15	N/A	710.3	15	N/A	1,176.6
444102PRP-N026	15	N/A	964.8	15	N/A	1,308.4
444102QRP-N027	14	N/A	1,765.9	N/A	N/A	N/A
444102PRP-N027	15	N/A	1,205.7	15	N/A	1,603.8
444102PRP-N028	15	N/A	1,060.3	15	N/A	1,603.8
444102PRP-N029	14	N/A	-385.2	N/A	N/A	N/A
444102PRP-N030	14	N/A	-194.3	N/A	N/A	N/A

Survey Area: VIA 1	Survey Unit: 444102	Building: 444

Description: Building 444 VIA # 1, All surfaces, Rooms 111, 117, 117A, and 117C.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444102PBP-N001	1	N/A	302.5	1	N/A	130.6
444102PBP-N002	1	N/A	520.6	1	N/A	-619.4
444102PBP-N003	1	N/A	534.3	1	N/A	-133.0
444102PBP-N004	1	N/A	-365.7	1	N/A	203.3
444102PBP-N005	1	N/A	-179.4	1	N/A	-492.1
444102PBP-N006	3	N/A	888.8	3	N/A	939.7
444102PBP-N007	3	N/A	684.3	3	N/A	721.5
444102PBP-N008	3	N/A	466.1	3	N/A	848.8
444102PBP-N009	3	N/A	1,147.9	3	N/A	135.2
444102PBP-N010	3	N/A	925.2	3	N/A	1,412.4
444102PBP-N011	3	N/A	1,429.7	3	N/A	1,394.2
444102PBP-N012	3	N/A	602.5	3	N/A	1,821.5
444102PBP-N013	3	N/A	1,120.6	3	N/A	339.7
444102PBP-N014	3	N/A	643.4	3	N/A	1,053.3
444102PBP-N015	3	N/A	129.7	3	N/A	844.2

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Survey Unit 444102
Media Sample Results Table

Map Location	BLDG	VIA	Room	Sample Location Description	Media Type	Random or Biased	Suvey Unit Package #	Sample RIN#	Uranium Sample Result (dpm/100cm2)
1	444	1	117	Floor	Paint Chips	Biased	444102	0350349-050.001	43.0
2	444	1	117	Floor	Paint Chips	Biased	444102	0350349-050.001	43.0
3	444	1	117	Floor	Paint Chips	Biased	444102	0350349-050.001	43.0
4	444	1	117	Wall 4 ft high	Paint Chips	Biased	444102	0350349-050.001	43.0
5	444	1	117	Wall 4 ft high	Paint Chips	Biased	444102	0350349-050.001	43.0
6	444	1	117A	Ceiling	Paint Chips	Biased	444102	N/A	233.2
7	444	1	117	Ceiling	Paint Chips	Biased	444102	N/A	96.4
8	444	1	117	Ceiling	Paint Chips	Biased	444102	N/A	179.1
9	444	1	117C	Wall 6 ft high	Paint Chips	Biased	444102	N/A	9.1
10	444	1	117	Floor	Paint Chips	Biased	444102	N/A	-5.4
11	444	1	117	Floor	Paint Chips	Biased	444102	N/A	71.5
12	444	1	117	Floor	Paint Chips	Biased	444102	N/A	89.1
13	444	1	117	Wall 1 ft high	Paint Chips	Biased	444102	N/A	124.6
14	444	1	117	Wall 3 ft high	Paint Chips	Biased	444102	N/A	271.5
15	444	1	117	Wall 3 ft high	Paint Chips	Biased	444102	N/A	237.2
16	444	1	117	Ceiling	Paint Chips	Random	444102	N/A	-27.1
17	444	1	117	Ceiling	Paint Chips	Random	444102	N/A	-50.1
18	444	1	117	Ceiling	Paint Chips	Random	444102	N/A	-2.1
19	444	1	117	Wall 10 ft high	Paint Chips	Random	444102	N/A	128.7
20	444	1	117	Wall 10 ft high	Paint Chips	Random	444102	N/A	-36.7
21	444	1	117	Wall 10 ft high	Paint Chips	Random	444102	N/A	7.2
22	444	1	117	Floor	Paint Chips	Random	444102	N/A	-29.6
23	444	1	117	Floor	Paint Chips	Random	444102	N/A	-101.1
24	444	1	117	Floor	Paint Chips	Random	444102	N/A	-109.8
25	444	1	117	Wall 3 ft high	Paint Chips	Random	444102	N/A	194.8
26	444	1	117	Wall 3 ft high	Paint Chips	Random	444102	N/A	447.9
27	444	1	117	Wall 3 ft high	Paint Chips	Random	444102	N/A	55.6
28	444	1	117	Wall 3 ft high	Paint Chips	Random	444102	N/A	40.4
								MIN	-109.8
								MAX	447.9
								MEAN	72.8
								SD	122.1
								DCGLW =	5000.0

Note ** If N/A is listed for 'Sample RIN#' then the samples were counted on the BC-4 instead of Gamma Spectroscopy.

rev. 1 The reported sample results are for uranium isotopes only. Transuranic isotope results are not required for building 444.

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Survey Area: VIA 1	Survey Unit: 444102	Building: 444

Description: Building 444 VIA # 1, All surfaces, Rooms 111, 117, 117A, and 117C.

Media Samples Data Sheet

Site Sample ID / Nbr Description	Nuclide	Sample (pCi/g)	Sample MDA (pCi/g)	Weight (g)	Surface Area (in²)	Sample Nuclide (dpm/100cm²)	Sample Nuclide MDA (dpm/100cm²)	Sample Total (dpm/100cm²)
03S0349-050.001 1	U234	0.0000	30.0000	60.80	24.5	0	2,562	
B444 VIA 1 Room 117 Samples 1-5	U235	0.0946	0.0849			8	7	Uranium
	U238	0.4100	0.5740			35	49	43
	Pu239/240	0.0000	0.6012			0	51	Transuranic
	Am241	0.0000	0.0835			0	7	0

The uranium results on this page are also reported on page 8.

Although transuranic results are reported on this page, these sample results are not required for Building 444.

rev. 1

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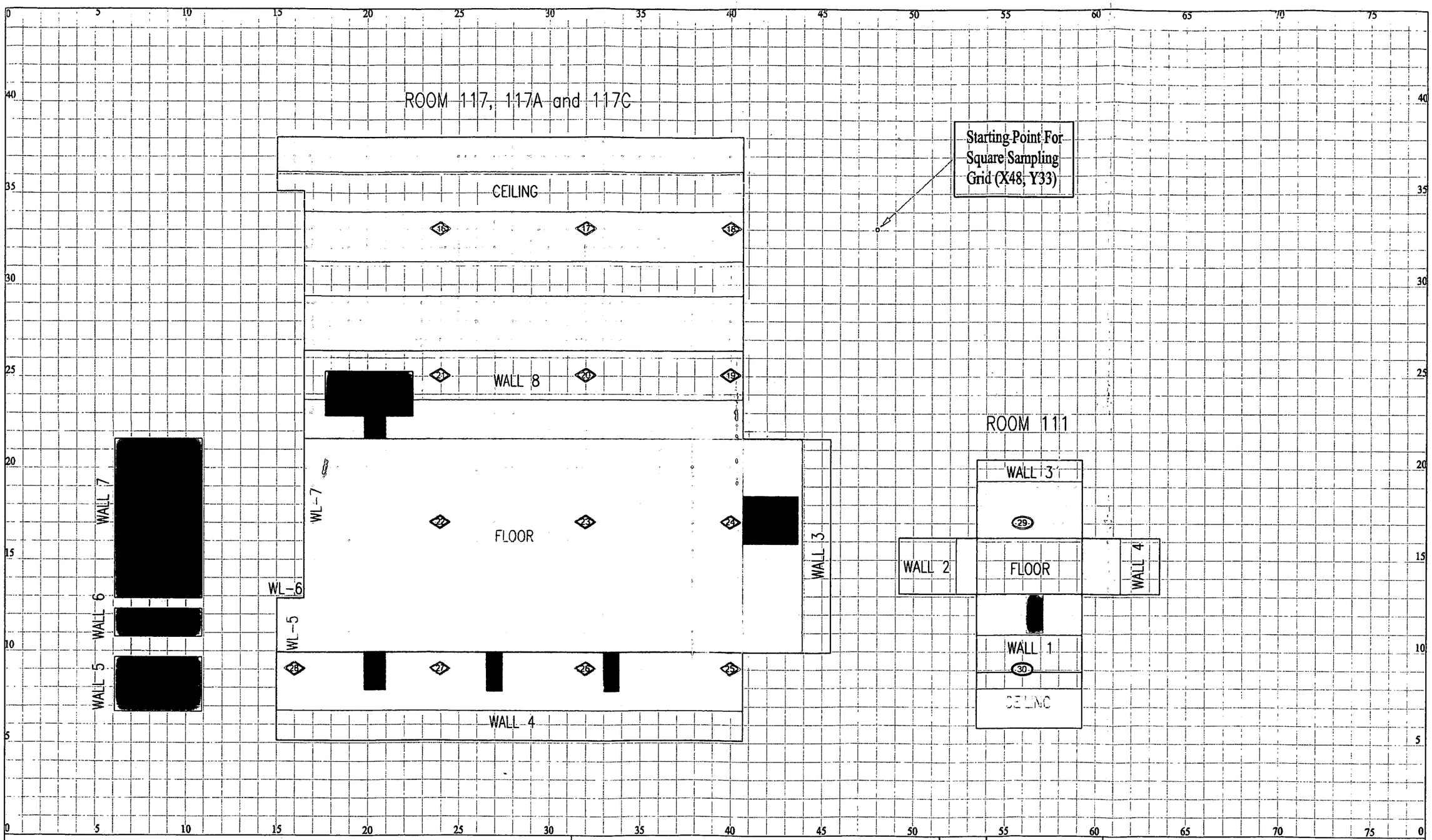

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444102 Classification: 2

Survey Area/Unit Description: Building 444 VIA # 1, surfaces, Rooms 111 & 117, 117A, and 117C

Floor Area: 304 sq.m Total Area: 978 sq.m Grid Spaceing for Survey Area: 9 m x 9 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16
0 METERS 8

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: PDS 444102 SHT 01.DWG | Sheet: 1 of 1 | Rev: 0

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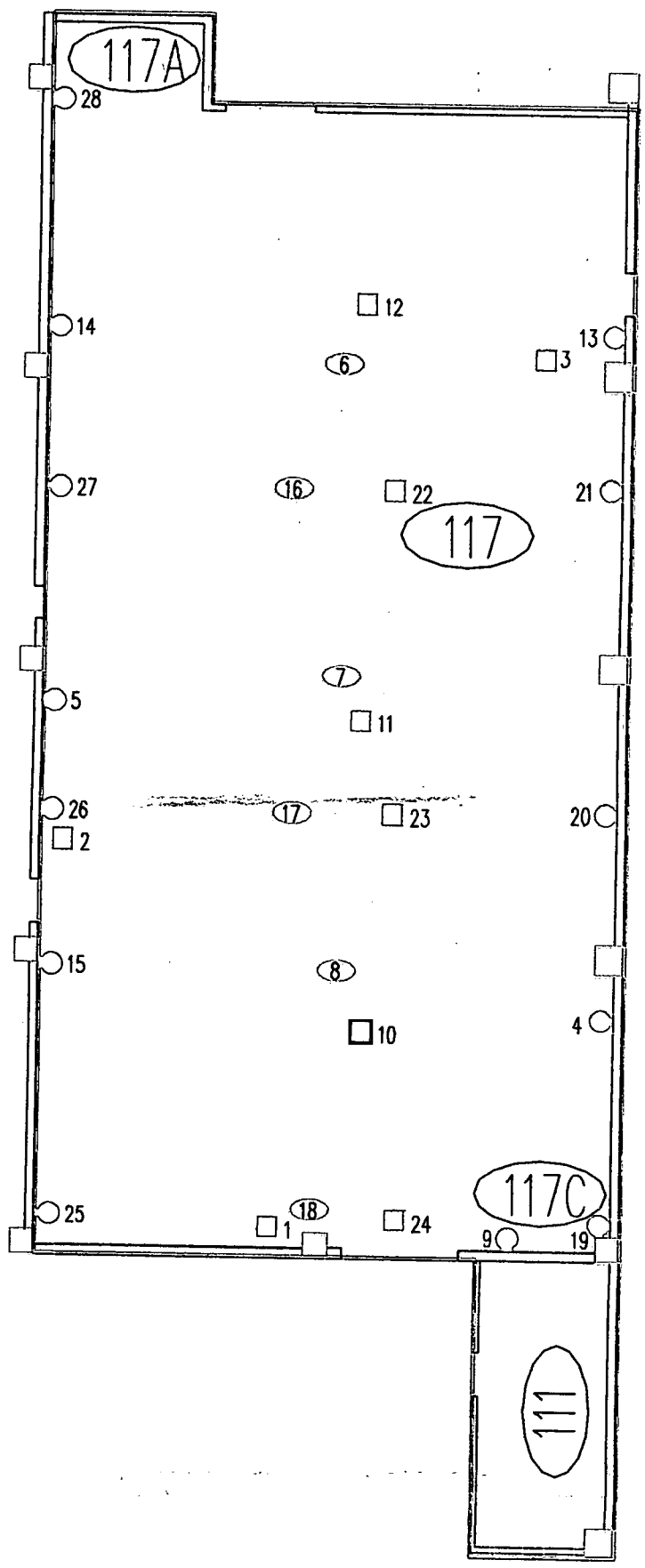
PREPDEMOLITION MEDIA SAMPLING MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444102 Classification: 2

Survey Area/Unit Description: Building 444 VIA # 1, All surfaces, Rooms 111, 117, 117A and 117C

Floor or Ceiling Area: 304 sq.m Total Area: 978 sq.m Date: 01/26/2005



SURVEY POINT LEGEND

○ # Wall Sample Location

□ # Floor Sample Location

(#) Ceiling Sample Location

0 FEET 3/32

0 METERS 3.33

1 inch = 3/32 feet

N

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Prepared by: RFCSS Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: MEDIA444102-D-2.DWG | Sheet 1 of 1 | Rev: 2

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Survey Area: VIA 1	Survey Unit: 444104	Building: 444

Description: Building 444 VIA # 1, all surfaces, Rooms 102, 103C, 103D, 105, 105A, 108, 108A, 108B, 110, 110A, 112, 112A, 115, 170, and 175, except LLW areas.

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 15
Nbr Random Measurements Performed: 21
Nbr Biased Measurements Required: 6
Nbr Biased Measurements Performed: 6
Nbr QC Required: 2
Nbr QC Performed: 2

Beta

Maximum:	3,391.7 dpm/100cm²
Minimum:	-85.6 dpm/100cm²
Mean:	994.5 dpm/100cm²
Standard Deviation:	631.6
QC Maximum:	2,081.8 dpm/100cm²
QC Minimum:	1,536.4 dpm/100cm²
QC Mean:	1,809.1 dpm/100cm²
Uranium DCGL$_W$:	5,000.0 dpm/100cm²
Uranium DCGL$_{EMC}$:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 15
Nbr Random Measurements Performed: 21
Nbr Biased Measurements Required: 6
Nbr Biased Measurements Performed: 6

Beta

Maximum:	92.9 dpm/100cm²
Minimum:	-92.8 dpm/100cm²
Mean:	-2.6 dpm/100cm²
Standard Deviation:	44.5
Uranium DCGL$_W$:	1,000.0

Media Sample Results

Nbr Random Required: 8
Nbr Random Collected: 8
Nbr Biased Required: 6
Nbr Biased Collected: 6

Uranium

Maximum:	2,172 dpm/100cm²
Minimum:	-39 dpm/100cm²
Mean:	912 dpm/100cm²
Standard Deviation:	992
Uranium DCGL$_W$:	5,000 dpm/100cm²
Uranium DCGL$_{EMC}$:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGL$_W$:	100 dpm/100cm²
Transuranic DCGL$_{EMC}$:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

Printed On: 02/10/05 14:58

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Survey Area: VIA 1	Survey Unit: 444104	Building: 444

Description: Building 444 VIA # 1, all surfaces, Rooms 102, 103C, 103D, 105, 105A, 108, 108A, 108B, 110, 110A, 112, 112A, 115, 170, and 175, except LLW areas.

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
1	702058	04/03/04	Electra	1535	DP-6	04/27/04	NA	0.220	NA	745.0	T
2	712600	04/03/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
3	712600	04/03/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
4	712600	06/09/04	Electra	2319	DP-6	07/29/04	NA	0.220	NA	745.0	T
5	702058	06/09/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
6	702058	06/09/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
7	712467	12/04/04	Electra	668	DP-8	03/14/05	NA	0.160	NA	745.0	S
8	700831	12/04/04	Electra	2340	DP-6	05/15/05	NA	0.220	NA	745.0	S
9	700831	12/08/04	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	T/S
10	711447	12/08/04	Electra	3096	DP-6	04/13/05	NA	0.220	NA	745.0	T/Q/S
11	712193	12/08/04	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	S
12	711447	12/09/04	Electra	681	DP-8	02/28/05	NA	0.160	NA	745.0	S
13	700831	12/20/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
14	700831	12/20/04	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 1	Survey Unit: 444104	Building: 444

Description: Building 444 VIA # 1, all surfaces, Rooms 102, 103C, 103D, 105, 105A, 108, 108A, 108B, 110, 110A, 112, 112A, 115, 170, and 175, except LLW areas.

Comments Sheet

General Comments:
1. Even though the samples met unrestricted release limits, media sample survey locations 2, 5, and 14 were removed because the walls were removed.
2. Moved TSA/RSA survey locations 21, 28, & 31 off the floor to the nearest wall because the floor is being thrown out as Low-level waste.
3. Even though the samples met unrestricted release limits, media sample survey locations 6, 8, 9, 11, 12, & 13 were removed because they were taken on the floor and the floor is being thrown out as low-level waste.
4. Added media sample surveys at locations 17, 19, 20, 21, 22, 31, 35 and 36.

TSA Comments:

RSA Comments: N/A

Media Comments: Media samples (i.e., paint samples) were collected from all non-factory painted surfaces, either during in-process surveys or during the PDS. Since the PDS gridded maps were not completed at the time of the in-process media samples, these in-process media samples were collected at evenly spaced and biased locations throughout all non-factory painted surfaces, in the same density and fashion as if they were PDS gridded and biased locations. Additionally, if there were media sample data gaps discovered during the PDS process, additional media samples were collected at gridded TSA/RSA locations, and biased locations, as necessary. Media samples were not collected or required on bare concrete surfaces or factory painted metal/transite/etc. surfaces. Otherwise, all other painted surfaces were properly characterized per the PDSP requirements. If in-process media samples were collected in areas where the painted surfaces were removed during in-process shaving or scabbling, then these media samples were removed from the data set because they are no longer applicable. Areas on the media maps that do not show media sample locations, are areas where there were no painted surfaces or contained factory painted surfaces. Based on the above discussion, and in-process and PDS media samples collected to date, no further media samples are required to meet PDSP requirements for this survey unit. Both applicable in-process and PDS media samples are reported in this survey unit data summary report, and all media sample data meets PDSP unrestricted release criteria.

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Survey Area: VIA 1	Survey Unit: 444104	Building: 444

Description: Building 444 VIA # 1, all surfaces, Rooms 102, 103C, 103D, 105, 105A, 108, 108A, 108B, 110, 110A, 112, 112A, 115, 170, and 175, except LLW areas.

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444104PRP-N016	13	N/A	-82.9	N/A	N/A	N/A
444104PRP-N017	14	N/A	7.2	14	N/A	71.5
444104PRP-N018	13	N/A	-4.3	N/A	N/A	N/A
444104PRP-N019	14	N/A	92.9	14	N/A	42.9
444104PRP-N020	13	N/A	-47.1	13	N/A	-25.7
444104PRP-N021	14	N/A	35.8	14	N/A	-21.4
444104PRP-N022	13	N/A	-32.9	13	N/A	-54.3
444104PRP-N023	14	N/A	-92.8	14	N/A	-7.1
444104PRP-N024	13	N/A	-25.7	N/A	N/A	N/A
444104PRP-N025	14	N/A	42.9	N/A	N/A	N/A
444104PRP-N026	13	N/A	-54.3	N/A	N/A	N/A
444104PRP-N027	14	N/A	-21.4	N/A	N/A	N/A
444104PRP-N028	13	N/A	-11.4	N/A	N/A	N/A
444104PRP-N029	14	N/A	-50.0	N/A	N/A	N/A
444104PRP-N030	13	N/A	10.0	N/A	N/A	N/A
444104PRP-N031	14	N/A	-85.7	14	N/A	-7.1
444104PRP-N032	13	N/A	-47.1	N/A	N/A	N/A
444104PRP-N033	14	N/A	7.2	N/A	N/A	N/A
444104PRP-N034	13	N/A	2.9	N/A	N/A	N/A
444104PRP-N035	14	N/A	0.0	14	N/A	71.5
444104PRP-N036	14	N/A	7.2	14	N/A	35.8

Survey Area: VIA 1	Survey Unit: 444104	Building: 444

Description: Building 444 VIA # 1, all surfaces, Rooms 102, 103C, 103D, 105, 105A, 108, 108A, 108B, 110, 110A, 112, 112A, 115, 170, and 175, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444104PBP-N001	2	N/A	31.5	2	N/A	-4.2
444104PBP-N003	2	N/A	24.3	2	N/A	52.9
444104PBP-N004	3	N/A	36.5	3	N/A	-13.5
444104PBP-N007	2	N/A	-40.0	2	N/A	45.8
444104PBP-N010	3	N/A	-56.4	3	N/A	50.7
444104PBP-N015	5	N/A	-22.9	6	N/A	30.7

Survey Area: VIA 1	Survey Unit: 444104	Building: 444

Description: Building 444 VIA # 1, all surfaces, Rooms 102, 103C, 103D, 105, 105A, 108, 108A, 108B, 110, 110A, 112, 112A, 115, 170, and 175, except LLW areas.

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444104PRP-N016	10	N/A	1,324.0	N/A	N/A	N/A
444104PRP-N017	10	N/A	955.8	10	N/A	935.2
444104PRP-N018	10	N/A	760.4	N/A	N/A	N/A
444104PRP-N019	9	N/A	10.4	9	N/A	408.0
444104PRP-N020	9	N/A	364.9	9	N/A	426.1
444104PRP-N021	9	N/A	1,451.3	9	N/A	489.8
444104PRP-N022	9	N/A	37.7	9	N/A	448.9
444104PRP-N023	9	N/A	1,919.5	N/A	N/A	N/A
444104QRP-N023	10	N/A	2,081.8	N/A	N/A	N/A
444104PRP-N024	9	N/A	951.3	N/A	N/A	N/A
444104PRP-N025	9	N/A	942.2	N/A	N/A	N/A
444104PRP-N026	9	N/A	714.9	N/A	N/A	N/A
444104PRP-N027	9	N/A	683.1	N/A	N/A	N/A
444104PRP-N028	10	N/A	151.3	N/A	N/A	N/A
444104PRP-N029	9	N/A	1,237.7	N/A	N/A	N/A
444104QRP-N029	10	N/A	1,536.4	N/A	N/A	N/A
444104PRP-N030	9	N/A	460.4	N/A	N/A	N/A
444104PRP-N031	9	N/A	651.3	9	N/A	894.3
444104PRP-N032	9	N/A	1,074.0	N/A	N/A	N/A
444104PRP-N033	9	N/A	1,292.2	N/A	N/A	N/A
444104PRP-N034	10	N/A	887.7	N/A	N/A	N/A
444104PRP-N035	10	N/A	801.3	10	N/A	1,380.7
444104PRP-N036	10	N/A	1,342.2	10	N/A	1,139.8

Survey Area: VIA 1	Survey Unit: 444104	Building: 444

Description: Building 444 VIA # 1, all surfaces, Rooms 102, 103C, 103D, 105, 105A, 108, 108A, 108B, 110, 110A, 112, 112A, 115, 170, and 175, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444104PBP-N001	1	N/A	-85.6	1	N/A	1,318.9
444104PBP-N003	1	N/A	1,555.3	1	N/A	1,573.5
444104PBP-N004	1	N/A	873.5	1	N/A	1,164.4
444104PBP-N007	1	N/A	1,023.5	1	N/A	1,673.5
444104PBP-N010	1	N/A	909.8	1	N/A	1,137.1
444104PBP-N015	4	N/A	2,100.7	4	N/A	3,391.7

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Survey Unit 444104
Media Sample Results Table

Map Location	BLDG	VIA	Room	Sample Location Description	Media Type	Random or Biased	Suvey Unit Package #	Sample RIN#	Sample Result (dpm/100 cm2)
1	444	1	170	South Wall 4 feet up	Paint Samples	Biased	444104	04S0236-014.001	2172.0
3	444	1	105	North Wall 1 foot up	Paint Samples	Biased	444104	04S0236-014.003	2172.0
4	444	1	103C	East wall 1 foot up	Paint Samples	Biased	444104	04S0236-014.004	2172.0
7	444	1	175	East wall 4 feet up	Paint Samples	Biased	444104	04S0236-014.007	2172.0
10	444	1	115	East wall 3 feet up	Paint Samples	Biased	444104	04S0236-014.010	2172.0
15	444	1	105	Wall 6 feet up	Paint Samples	Biased	444104	N/A	179.0
17	444	1	102	Wall 6 feet up	Paint Samples	Random	444104	N/A	238.0
19	444	1	102	Ceiling	Paint Samples	Random	444104	N/A	-39.1
20	444	1	105	Wall 6 feet up	Paint Samples	Random	444104	N/A	-8.6
21	444	1	103C	Wall 3 Feet up	Paint Samples	Random	444104	N/A	20.1
22	444	1	105A	Ceiling	Paint Samples	Random	444104	N/A	105.6
31	444	1	115	Wall 1 foot up	Paint Samples	Random	444104	N/A	319.6
35	444	1	170	Wall 12 feet up	Paint Samples	Random	444104	N/A	394.3
36	444	1	110A	Wall 8 feet up	Paint Samples	Random	444105	N/A	697.3
								MIN	-39.1
								MAX	2172.0
								MEAN	911.9
								SD	992.0
								DCGLW =	5000.0

Note ** If N/A is listed for 'Sample RIN#' then the samples were counted on the BC-4 instead of Gamma Spectroscopy.

rev. 1 The reported sample results are for uranium isotopes only. Transuranic isotope results are not required for building 444.

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Survey Area: VIA 1	Survey Unit: 444104	Building: 444

Description: Building 444 VIA # 1, all surfaces, Rooms 102, 103C, 103D, 105, 105A, 108, 108A, 108B, 110, 110A, 112, 112A, 115, 170, and 175, except LLW areas.

Media Samples Data Sheet

Site Sample ID / Nbr Description	Nuclide	Sample (pCi/g)	Sample MDA (pCi/g)	Weight (g)	Surface Area (in²)	Sample Nuclide (dpm/100cm²)	Sample Nuclide MDA (dpm/100cm²)	Sample Total (dpm/100cm²)
04S0236-014.001 1	U234	2.7800	0.7780	272.00	24.5	1,062	297	
B444 VIA 1	U235	0.1250	0.0697			48	27	**Uranium**
Samples 1, 3, 4, 7, & 10	U238	2.7800	0.7780			1,062	297	2,172
	Pu239/240	0.0000	0.6192			0	237	**Transuranic**
	Am241	0.0000	0.0860			0	33	0

The uranium results on this page are also reported on page 8.

Although transuranic results are reported on this page, these sample results are not required for Building 444.

rev.1

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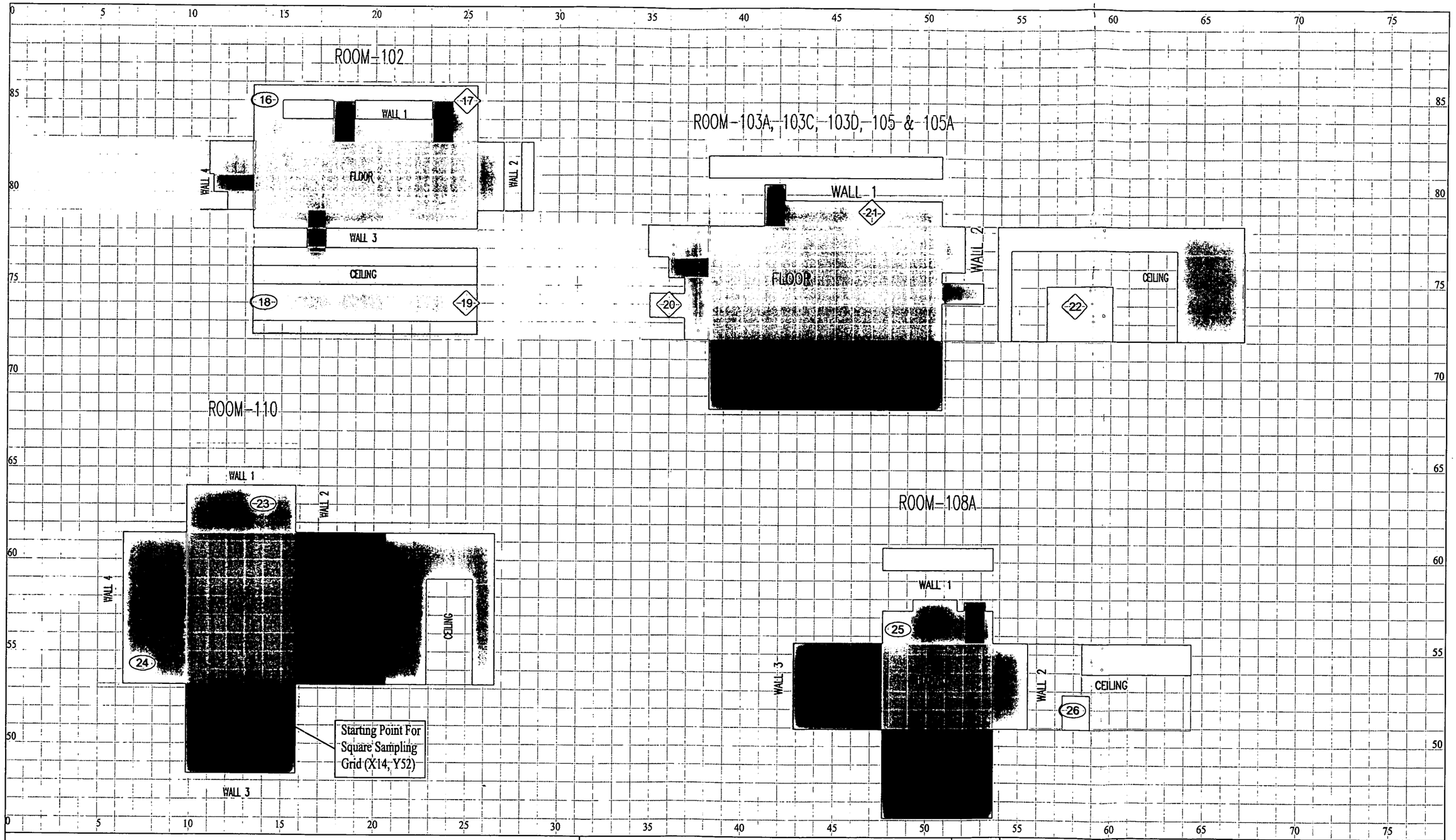

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444104 Classification: 2

Survey Area/Unit Description: Building 444 VIA # 1, All Surfaces, Rooms 102, 103A, 103C, 103D, 105, 105A, 108, 108A, 108B, 110, 110A, 112, 112A, 115,117D, 170 and 175, Except LLW Areas

Floor or Ceiling Area: 571 sq.m Total Area: 1,872 sq.m Grid Spaceing for Survey Area: 11 m x 11 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Low-Level Waste Area Floor only
- RCRA/CERCLA Sample Location
- Beryllium Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16
0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: PDS_444104_SHT 01.DWG | Sheet: 1 of 2 | Rev: 0

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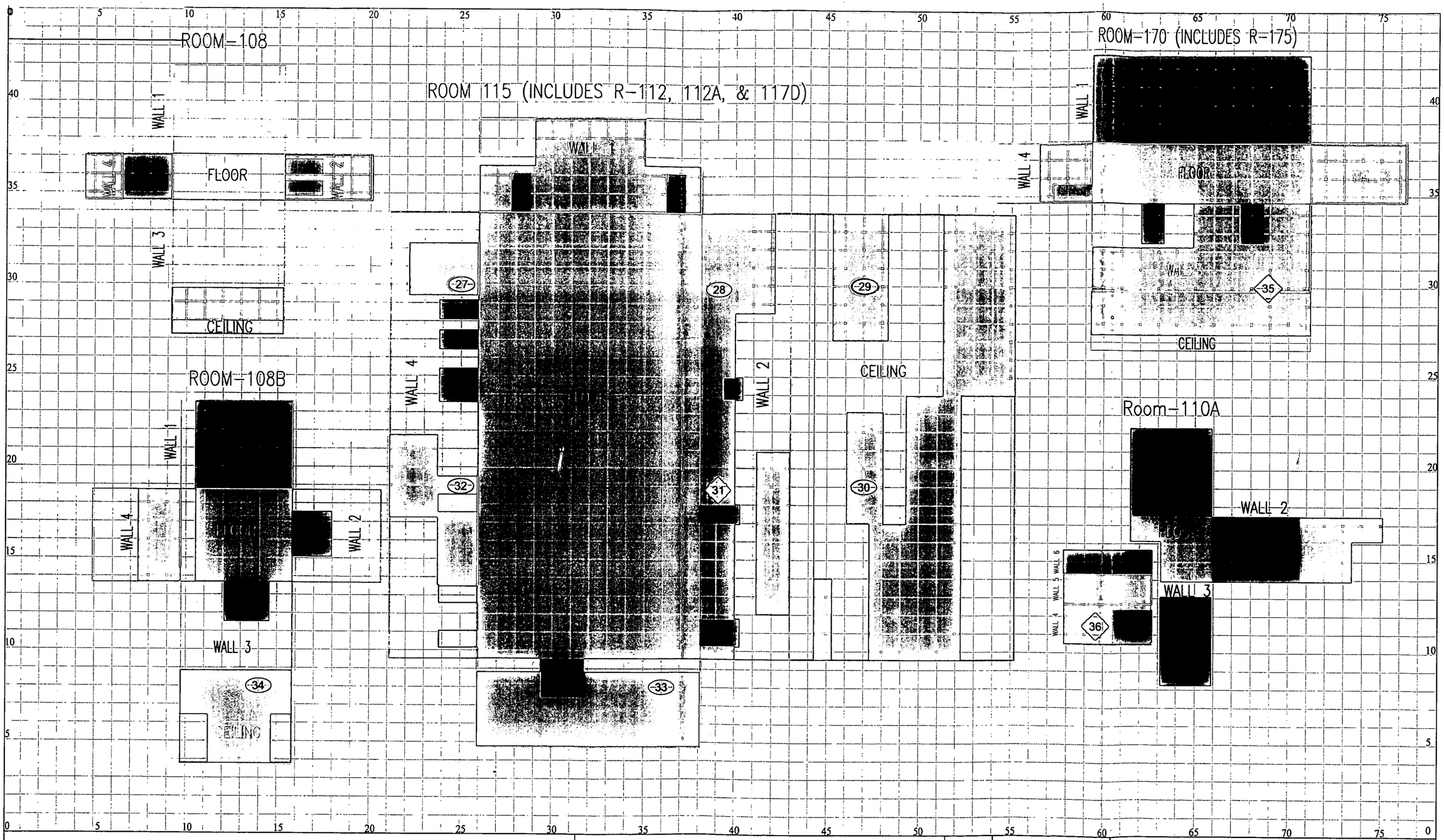

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444104 Classification: 2

~~Survey Area/Unit Description:~~ Building 444 VIA # 1, All Surfaces, Rooms 102, 103C, 103D, 105, 105A, 108, 108A, 108B, 110, 110A, 112, 112A, 115, 117D, 170 & 175, Except LLW Areas

Ceiling Area: 571 sq.m Total Area: 1,872 sq.m Grid Spacing for Survey Area: 11 m x 11 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Low Level Waste Area
- RCRA/CERCLA Sample Location
- Beryllium Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

FEET 0 16
METERS 0 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: PDS 444104 SHT 02.DWG | Sheet: 2 of 2 | Rev: 0

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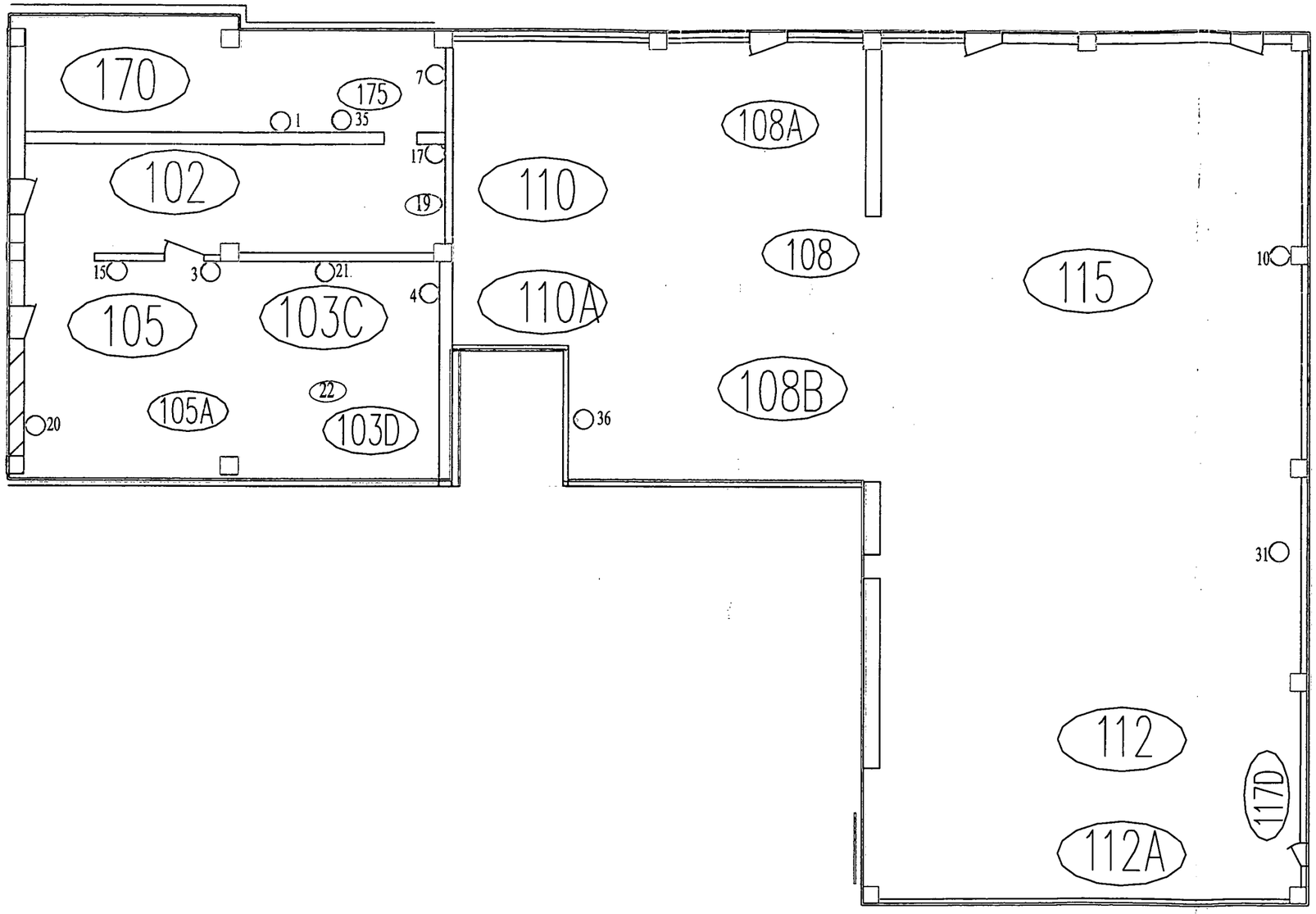

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PRE-DEMOLITION MEDIA SAMPLING MAP

BLDG: 444 Survey Area: VIA-1 Survey Unit: 444104 Classification: 2

Survey Area/Unit Description: Building 444 # 1, all surface, Rooms 102, 103C, 103D, 105, 105A, 108, 108A, 108B, 110, 110A, 112, 112A, 115, 117D, 170 & 175 , Except LLW Areas

Floor Area: 571 sq.m Total Area: 1,872 sq.m Date: 01/07/2005

SURVEY POINT LEGEND

- # Wall Sample Location
- # Floor Sample Location
- Ceiling Sample Location
- Wall Removed

N

0 FEET 3/32
0 METERS 3.5

1 inch = 3/32 feet

U.S. Department of Energy
Rocky Flats Environmental Technology Site

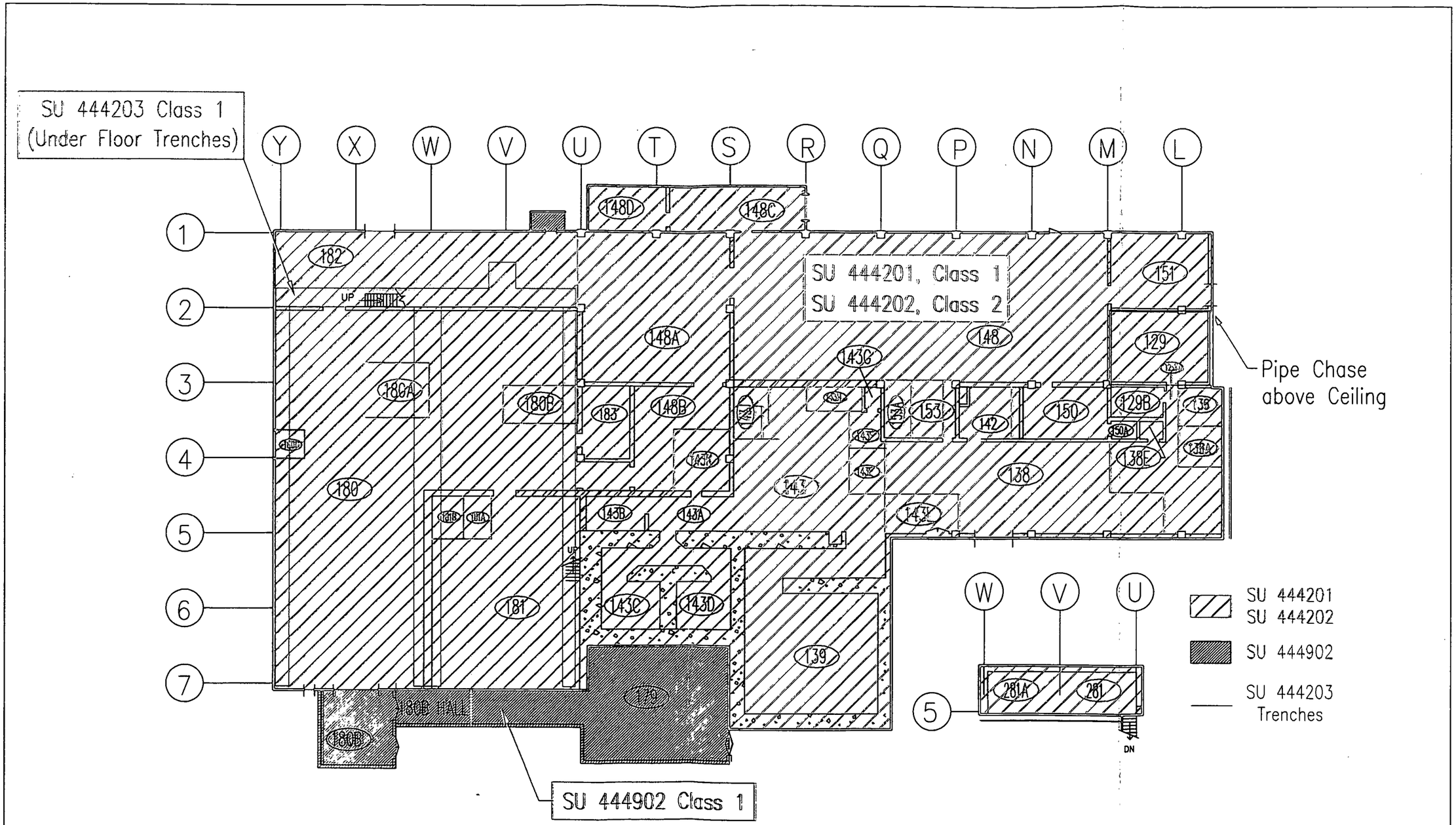
Prepared by: RFCSS Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: MEDIA 444104-D-2.DWG Sheet: 1 of 1 Rev: 1

ATTACHMENT B-20

VIA 2 PDS RADIOLOGICAL SURVEY UNIT DATA SUMMARIES AND SURVEY MAPS



PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2

Survey Area/Unit Description: VIA-2 Radiological Kay Map

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- PCB Sample Location
- RCRA/CERCLA Sample Location
- Exterior Wall Removed
- Interior Wall Removed
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 24

0 METERS 8

1 inch = 24 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RF CSS Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: PDS 444 VIA-2 KEY MAP.DWG | Sheet 1 of 1 | Rev: 0

Rev 1

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 421
Nbr Random Measurements Performed: 420
Nbr Biased Measurements Required: 35
Nbr Biased Measurements Performed: 35
Nbr QC Required: 22
Nbr QC Performed: 22

Beta

Maximum:	3,513.8 dpm/100cm²
Minimum:	-1,745.2 dpm/100cm²
Mean:	826.7 dpm/100cm²
Standard Deviation:	880.7
QC Maximum:	2,784.7 dpm/100cm²
QC Minimum:	452.9 dpm/100cm²
QC Mean:	1,553.7 dpm/100cm²
Uranium DCGL$_W$:	5,000.0 dpm/100cm²
Uranium DCGL$_{EMC}$:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 421
Nbr Random Measurements Performed: 420
Nbr Biased Measurements Required: 35
Nbr Biased Measurements Performed: 35

Beta

Maximum:	165.7 dpm/100cm²
Minimum:	-133.6 dpm/100cm²
Mean:	6.4 dpm/100cm²
Standard Deviation:	43.4
Uranium DCGL$_W$:	1,000.0

Media Sample Results

Nbr Random Required: 0
Nbr Random Collected: 0
Nbr Biased Required: 35
Nbr Biased Collected: 35

Uranium

Maximum:	2,178 dpm/100cm²
Minimum:	290 dpm/100cm²
Mean:	1,183 dpm/100cm²
Standard Deviation:	853
Uranium DCGL$_W$:	5,000 dpm/100cm²
Uranium DCGL$_{EMC}$:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGL$_W$:	100 dpm/100cm²
Transuranic DCGL$_{EMC}$:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
1	512592	10/24/03	Electra	2343	DP-6	01/29/04	NA	0.220	NA	745.0	T
2	512592	10/27/03	Electra	2312	DP-6	03/10/04	NA	0.220	NA	745.0	T
4	511390	10/24/03	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
5	510646	10/28/03	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
6	700831	09/14/04	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
7	711447	09/14/04	Electra	661	DP-8	03/08/05	NA	0.160	NA	745.0	S
8	712467	09/14/04	Electra	660	DP-8	03/07/05	NA	0.160	NA	745.0	S
9	712193	09/14/04	Electra	1379	DP-6	02/18/05	NA	0.220	NA	745.0	T/S
10	711447	09/14/04	Electra	3102	DP-6	02/19/05	NA	0.220	NA	745.0	T/S
11	712467	09/15/04	Electra	2352	DP-6	11/13/04	NA	0.220	NA	745.0	T/S
12	511390	09/15/04	Electra	3113	DP-6	02/23/05	NA	0.220	NA	745.0	S
13	701418	03/25/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	T
14	712456	03/25/04	BC-4	772	NA	06/24/04	NA	0.140	NA	258.0	R
15	712456	03/25/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
16	711447	09/15/04	Electra	1379	DP-6	02/18/05	NA	0.220	NA	745.0	S
17	511390	09/16/04	Ludlum 292	99042	NA	10/26/04	NA	0.250	NA	205.0	R
18	712193	09/16/04	BC-4	911	NA	10/29/04	NA	0.140	NA	258.0	R
19	700831	09/16/04	Electra	2344	DP-6	10/27/04	NA	0.220	NA	745.0	T
20	700831	09/16/04	Ludlum 292	99042	NA	10/26/04	NA	0.250	NA	205.0	R
21	712193	09/21/04	Electra	660	DP-8	03/07/05	NA	0.160	NA	745.0	S
22	712467	09/21/04	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
23	711447	09/21/04	Electra	290	DP-6	02/18/05	NA	0.220	NA	745.0	S
24	700831	09/21/04	Electra	1379	DP-6	02/18/05	NA	0.220	NA	745.0	S
25	712193	09/22/04	Electra	661	DP-8	03/08/05	NA	0.160	NA	745.0	S
26	712456	01/29/04	BC-4	694	NA	10/20/04	NA	0.140	NA	258.0	R
27	712456	01/29/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
28	712600	01/29/04	Electra	2334	DP-6	04/06/04	NA	0.220	NA	745.0	T
29	712467	09/22/04	Electra	1379	DP-6	02/18/05	NA	0.220	NA	745.0	S
30	711447	09/22/04	Electra	290	DP-6	02/18/05	NA	0.220	NA	745.0	S
31	700831	09/22/04	Electra	660	DP-8	03/07/05	NA	0.160	NA	745.0	S
32	712456	02/02/04	BC-4	694	NA	10/20/04	NA	0.140	NA	258.0	R
33	712456	02/02/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
34	712600	02/02/04	Electra	2334	DP-6	04/06/04	NA	0.220	NA	745.0	T
35	511390	09/23/04	Electra	290	DP-6	02/18/05	NA	0.220	NA	745.0	T/S

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
36	712193	09/23/04	Electra	2352	DP-6	11/13/04	NA	0.220	NA	745.0	T/S
37	711447	09/23/04	Electra	1136	DP-6	02/28/05	NA	0.220	NA	745.0	T/S
38	712467	09/23/04	Electra	1379	DP-6	02/18/05	NA	0.220	NA	745.0	T/S
39	712193	09/27/04	Electra	661	DP-8	03/08/05	NA	0.160	NA	745.0	S
40	711447	09/27/04	Electra	1261	DP-8	02/26/05	NA	0.160	NA	745.0	S
41	511390	09/27/04	Electra	3104	DP-6	03/17/05	NA	0.220	NA	745.0	T/S
42	712467	09/28/04	Electra	661	DP-8	03/08/05	NA	0.160	NA	745.0	S
43	711447	09/28/04	Electra	1261	DP-8	02/26/05	NA	0.160	NA	745.0	S
44	700831	09/28/04	Electra	290	DP-6	02/18/05	NA	0.220	NA	745.0	T/S
45	712193	09/28/04	Electra	3104	DP-6	03/17/05	NA	0.220	NA	745.0	T/S
46	511390	09/28/04	Electra	2352	DP-6	11/13/04	NA	0.220	NA	745.0	T/S
47	711447	09/29/04	Electra	1261	DP-8	02/26/05	NA	0.160	NA	745.0	S
48	712193	09/29/04	Electra	3250	DP-6	02/14/05	NA	0.220	NA	745.0	T/Q/S
49	712467	09/29/04	Electra	3104	DP-6	03/17/05	NA	0.220	NA	745.0	T/Q
50	700831	09/29/04	Electra	2352	DP-6	11/13/04	NA	0.220	NA	745.0	T/Q
51	712467	09/30/04	Ludlum 292	99042	NA	10/26/04	NA	0.250	NA	205.0	R
52	712467	09/30/04	BC-4	911	NA	10/29/04	NA	0.140	NA	258.0	R

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Comments Sheet

General Comments:

1. RSA and TSA survey points 363 - 367, 444 - 449 and 464 were removed from this survey package because the area was moved to survey unit 444902.
2. Survey point number 467 was not used.
3. The original floor surface area of 2,955 square meters required a minimum of 444 systematically gridded survey points for this survey unit. Plotting the points on survey maps resulted in 462 actual gridded survey points. During the survey, the decision was made to remove the Room 260 gridded floor points because the floor surface was metal grating and was therefore surveyed as biased equipment (all biased surveys and scans of the metal grating met PDS unrestricted release criteria). Then, because of isolation control and accessibility issues, Room 180B, 180B Hallway 1, and Room 136A were removed from this survey unit and were included in survey units 444902 and 444101. These actions reduced the final number of available randomly gridded survey points to 420. A new square meter total floor area was calculated (2,806 square meters). Performing a new MARSSIM sample number calculation, 421 systematically gridded survey points were needed for the newly defined area. Rather than re-grid the original survey points, 420 points was accepted as the minimum required number because the MARSSIM calculations automatically add 20% additional survey locations to account for missing and/or invalid points. No further action is required for this investigation.

TSA Comments:

N/A

RSA Comments:

N/A

Media Comments:

1. Media samples were collected several months prior to PDS as part of in-process characterization to provide project management with timely information as to which painted surfaces would need to be remediated and/or removed and managed as Low-Level Waste. There were no media sample locations found to be above the unconditional release limits during this process.
2. The following floor media sample locations were removed from the package because these surfaces were removed: 468 - 496.
3. Media survey point 23 was removed from this survey package because the area was moved to survey unit 444902.
4. Media samples (i.e., paint samples) were collected from all non-factory painted surfaces, either during in-process surveys or during the PDS. Since the PDS gridded maps were not completed at the time of the in-process media samples, these in-process media samples were collected at evenly spaced and biased locations throughout all non-factory painted surfaces, in the same density and fashion as if they were PDS gridded and biased locations. Additionally, if there were media sample data gaps discovered during the PDS process, additional media samples were collected at gridded TSA/RSA locations, and biased locations, as necessary. Media samples were not collected or required on bare concrete surfaces or factory painted metal/transite/etc. surfaces. Otherwise, all other painted surfaces were properly characterized per the PDSP requirements. If in-process media samples were collected in areas where the painted surfaces were removed during in-process shaving or scabbling, then these media samples were removed from the data set because they are no longer applicable. Areas on the media maps that do not show media sample locations, are areas where there were no painted surfaces or contained factory painted surfaces. Based on the above discussion, and in-process and PDS media samples collected to date, no further media samples are required to meet PDSP requirements for this survey unit. Both applicable in-process and PDS media samples are reported in this survey unit data summary report, and all media sample data meets PDSP unrestricted release criteria.

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N037	20	N/A	47.6	N/A
444201PRP-N038	20	N/A	-40.4	N/A
444201PRP-N039	20	N/A	11.6	N/A
444201PRP-N040	20	N/A	-92.4	N/A
444201PRP-N041	20	N/A	-0.4	N/A
444201PRP-N042	20	N/A	-16.4	N/A
444201PRP-N043	20	N/A	7.6	N/A
444201PRP-N044	20	N/A	51.6	N/A
444201PRP-N045	20	N/A	-16.4	N/A
444201PRP-N046	20	N/A	7.6	N/A
444201PRP-N047	20	N/A	-24.4	N/A
444201PRP-N048	20	N/A	3.6	N/A
444201PRP-N049	18	N/A	8.6	N/A
444201PRP-N050	20	N/A	-52.4	N/A
444201PRP-N051	20	N/A	3.6	N/A
444201PRP-N052	20	N/A	-24.4	N/A
444201PRP-N053	20	N/A	-16.4	N/A
444201PRP-N054	51	N/A	48.0	N/A
444201PRP-N055	51	N/A	72.0	N/A
444201PRP-N056	51	N/A	-76.0	N/A
444201PRP-N057	51	N/A	16.0	N/A
444201PRP-N058	51	N/A	-68.0	N/A
444201PRP-N059	51	N/A	-40.0	N/A
444201PRP-N060	51	N/A	8.0	N/A
444201PRP-N061	51	N/A	20.0	N/A
444201PRP-N062	51	N/A	4.0	N/A
444201PRP-N063	51	N/A	32.0	N/A
444201PRP-N064	51	N/A	52.0	N/A
444201PRP-N065	51	N/A	8.0	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N066	51	N/A	72.0	N/A
444201PRP-N067	51	N/A	28.0	N/A
444201PRP-N068	51	N/A	76.0	N/A
444201PRP-N069	51	N/A	32.0	N/A
444201PRP-N070	51	N/A	40.0	N/A
444201PRP-N071	51	N/A	32.0	N/A
444201PRP-N072	51	N/A	28.0	N/A
444201PRP-N073	51	N/A	8.0	N/A
444201PRP-N074	51	N/A	20.0	N/A
444201PRP-N075	51	N/A	88.0	N/A
444201PRP-N076	51	N/A	24.0	N/A
444201PRP-N077	51	N/A	60.0	N/A
444201PRP-N078	51	N/A	24.0	N/A
444201PRP-N079	51	N/A	4.0	N/A
444201PRP-N080	51	N/A	12.0	N/A
444201PRP-N081	51	N/A	36.0	N/A
444201PRP-N082	51	N/A	-32.0	N/A
444201PRP-N083	51	N/A	56.0	N/A
444201PRP-N084	51	N/A	64.0	N/A
444201PRP-N085	51	N/A	44.0	N/A
444201PRP-N086	51	N/A	20.0	N/A
444201PRP-N087	51	N/A	-20.0	N/A
444201PRP-N088	51	N/A	120.0	N/A
444201PRP-N089	51	N/A	36.0	N/A
444201PRP-N090	51	N/A	64.0	N/A
444201PRP-N091	51	N/A	-8.0	N/A
444201PRP-N092	51	N/A	-24.0	N/A
444201PRP-N093	51	N/A	20.0	N/A
444201PRP-N094	51	N/A	28.0	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N095	51	N/A	-28.0	N/A
444201PRP-N096	51	N/A	40.0	N/A
444201PRP-N097	51	N/A	52.0	N/A
444201PRP-N098	51	N/A	-28.0	N/A
444201PRP-N099	51	N/A	72.0	N/A
444201PRP-N100	51	N/A	-4.0	N/A
444201PRP-N101	51	N/A	100.0	N/A
444201PRP-N102	51	N/A	68.0	N/A
444201PRP-N103	51	N/A	-20.0	N/A
444201PRP-N104	51	N/A	48.0	N/A
444201PRP-N105	51	N/A	24.0	N/A
444201PRP-N106	51	N/A	24.0	N/A
444201PRP-N107	51	N/A	36.0	N/A
444201PRP-N108	51	N/A	80.0	N/A
444201PRP-N109	51	N/A	40.0	N/A
444201PRP-N110	51	N/A	4.0	N/A
444201PRP-N111	51	N/A	60.0	N/A
444201PRP-N112	51	N/A	12.0	N/A
444201PRP-N113	51	N/A	0.0	N/A
444201PRP-N114	51	N/A	-20.0	N/A
444201PRP-N115	51	N/A	-28.0	N/A
444201PRP-N116	51	N/A	-40.0	N/A
444201PRP-N117	51	N/A	36.0	N/A
444201PRP-N118	51	N/A	52.0	N/A
444201PRP-N119	51	N/A	40.0	N/A
444201PRP-N120	51	N/A	-36.0	N/A
444201PRP-N121	51	N/A	0.0	N/A
444201PRP-N122	51	N/A	-24.0	N/A
444201PRP-N123	51	N/A	48.0	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N124	51	N/A	-24.0	N/A
444201PRP-N125	51	N/A	-16.0	N/A
444201PRP-N126	51	N/A	-48.0	N/A
444201PRP-N127	51	N/A	8.0	N/A
444201PRP-N128	51	N/A	16.0	N/A
444201PRP-N129	51	N/A	-48.0	N/A
444201PRP-N130	51	N/A	32.0	N/A
444201PRP-N131	51	N/A	24.0	N/A
444201PRP-N132	51	N/A	56.0	N/A
444201PRP-N133	51	N/A	36.0	N/A
444201PRP-N134	51	N/A	16.0	N/A
444201PRP-N135	51	N/A	-32.0	N/A
444201PRP-N136	51	N/A	-52.0	N/A
444201PRP-N137	51	N/A	28.0	N/A
444201PRP-N138	51	N/A	-20.0	N/A
444201PRP-N139	51	N/A	8.0	N/A
444201PRP-N140	51	N/A	-4.0	N/A
444201PRP-N141	51	N/A	44.0	N/A
444201PRP-N142	51	N/A	84.0	N/A
444201PRP-N143	51	N/A	-40.0	N/A
444201PRP-N144	51	N/A	8.0	N/A
444201PRP-N145	51	N/A	44.0	N/A
444201PRP-N146	51	N/A	-16.0	N/A
444201PRP-N147	51	N/A	32.0	N/A
444201PRP-N148	51	N/A	-40.0	N/A
444201PRP-N149	51	N/A	40.0	N/A
444201PRP-N150	51	N/A	28.0	N/A
444201PRP-N151	51	N/A	40.0	N/A
444201PRP-N152	51	N/A	-20.0	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N153	51	N/A	16.0	N/A
444201PRP-N154	51	N/A	-8.0	N/A
444201PRP-N155	51	N/A	-52.0	N/A
444201PRP-N156	51	N/A	48.0	N/A
444201PRP-N157	51	N/A	8.0	N/A
444201PRP-N158	51	N/A	68.0	N/A
444201PRP-N159	51	N/A	-36.0	N/A
444201PRP-N160	51	N/A	-20.0	N/A
444201PRP-N161	51	N/A	-24.0	N/A
444201PRP-N162	52	N/A	-9.3	N/A
444201PRP-N163	52	N/A	-23.6	N/A
444201PRP-N164	52	N/A	-2.1	N/A
444201PRP-N165	52	N/A	-45.0	N/A
444201PRP-N166	52	N/A	5.0	N/A
444201PRP-N167	52	N/A	12.1	N/A
444201PRP-N168	52	N/A	-52.1	N/A
444201PRP-N169	52	N/A	-37.9	N/A
444201PRP-N170	52	N/A	-37.9	N/A
444201PRP-N171	52	N/A	-30.7	N/A
444201PRP-N172	52	N/A	-45.0	N/A
444201PRP-N173	52	N/A	-52.1	N/A
444201PRP-N174	51	N/A	36.0	N/A
444201PRP-N175	51	N/A	16.0	N/A
444201PRP-N176	51	N/A	-20.0	N/A
444201PRP-N177	52	N/A	-2.1	N/A
444201PRP-N178	52	N/A	-45.0	N/A
444201PRP-N179	52	N/A	26.4	N/A
444201PRP-N180	52	N/A	-52.1	N/A
444201PRP-N181	52	N/A	-45.0	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N182	52	N/A	-52.1	N/A
444201PRP-N183	52	N/A	-23.6	N/A
444201PRP-N184	52	N/A	26.4	N/A
444201PRP-N185	52	N/A	5.0	N/A
444201PRP-N186	52	N/A	-16.4	N/A
444201PRP-N187	52	N/A	12.1	N/A
444201PRP-N188	52	N/A	-2.1	N/A
444201PRP-N189	52	N/A	-9.3	N/A
444201PRP-N190	52	N/A	-16.4	N/A
444201PRP-N191	52	N/A	-30.7	N/A
444201PRP-N192	52	N/A	-23.6	N/A
444201PRP-N193	52	N/A	-30.7	N/A
444201PRP-N194	52	N/A	-16.4	N/A
444201PRP-N195	52	N/A	-9.3	N/A
444201PRP-N196	52	N/A	-45.0	N/A
444201PRP-N197	52	N/A	-52.1	N/A
444201PRP-N198	52	N/A	-16.4	N/A
444201PRP-N199	52	N/A	-16.4	N/A
444201PRP-N200	52	N/A	-2.1	N/A
444201PRP-N201	52	N/A	-9.3	N/A
444201PRP-N202	52	N/A	-45.0	N/A
444201PRP-N203	18	N/A	65.7	N/A
444201PRP-N204	17	N/A	3.6	N/A
444201PRP-N205	18	N/A	1.4	N/A
444201PRP-N206	17	N/A	-60.4	N/A
444201PRP-N207	18	N/A	-55.7	N/A
444201PRP-N208	17	N/A	-80.4	N/A
444201PRP-N209	18	N/A	44.3	N/A
444201PRP-N210	17	N/A	3.6	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N211	18	N/A	-20.0	N/A
444201PRP-N212	17	N/A	19.6	N/A
444201PRP-N213	18	N/A	-98.6	N/A
444201PRP-N214	17	N/A	-96.4	N/A
444201PRP-N215	18	N/A	-55.7	N/A
444201PRP-N216	17	N/A	19.6	N/A
444201PRP-N217	18	N/A	94.3	N/A
444201PRP-N218	17	N/A	39.6	N/A
444201PRP-N219	18	N/A	1.4	N/A
444201PRP-N220	17	N/A	-68.4	N/A
444201PRP-N221	18	N/A	-12.9	N/A
444201PRP-N222	17	N/A	-32.4	N/A
444201PRP-N223	18	N/A	87.1	N/A
444201PRP-N224	17	N/A	-0.4	N/A
444201PRP-N225	18	N/A	51.4	N/A
444201PRP-N226	17	N/A	-20.4	N/A
444201PRP-N227	18	N/A	-62.9	N/A
444201PRP-N228	17	N/A	-0.4	N/A
444201PRP-N229	18	N/A	8.6	N/A
444201PRP-N230	17	N/A	-16.4	N/A
444201PRP-N231	18	N/A	-27.2	N/A
444201PRP-N232	17	N/A	-0.4	N/A
444201PRP-N233	18	N/A	-34.3	N/A
444201PRP-N234	17	N/A	19.6	N/A
444201PRP-N235	18	N/A	-48.6	N/A
444201PRP-N236	17	N/A	-28.4	N/A
444201PRP-N237	18	N/A	-98.6	N/A
444201PRP-N238	17	N/A	31.6	N/A
444201PRP-N239	18	N/A	-34.3	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N240	17	N/A	-20.4	N/A
444201PRP-N241	18	N/A	87.1	N/A
444201PRP-N242	17	N/A	-0.4	N/A
444201PRP-N243	18	N/A	-48.6	N/A
444201PRP-N244	17	N/A	-32.4	N/A
444201PRP-N245	18	N/A	-20.0	N/A
444201PRP-N246	17	N/A	-48.4	N/A
444201PRP-N247	18	N/A	30.0	N/A
444201PRP-N248	17	N/A	-56.4	N/A
444201PRP-N249	18	N/A	30.0	N/A
444201PRP-N250	17	N/A	-20.4	N/A
444201PRP-N251	18	N/A	-70.0	N/A
444201PRP-N252	17	N/A	-48.4	N/A
444201PRP-N253	18	N/A	44.3	N/A
444201PRP-N254	17	N/A	-36.4	N/A
444201PRP-N255	18	N/A	-62.9	N/A
444201PRP-N256	17	N/A	-20.4	N/A
444201PRP-N257	18	N/A	-41.4	N/A
444201PRP-N258	17	N/A	-48.4	N/A
444201PRP-N259	18	N/A	-41.4	N/A
444201PRP-N260	17	N/A	-48.4	N/A
444201PRP-N261	18	N/A	-84.3	N/A
444201PRP-N262	17	N/A	31.6	N/A
444201PRP-N263	18	N/A	-48.6	N/A
444201PRP-N264	51	N/A	-32.0	N/A
444201PRP-N265	18	N/A	-5.7	N/A
444201PRP-N266	17	N/A	19.6	N/A
444201PRP-N267	18	N/A	-20.0	N/A
444201PRP-N268	17	N/A	27.6	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N269	18	N/A	8.6	N/A
444201PRP-N270	17	N/A	-72.4	N/A
444201PRP-N271	18	N/A	-20.0	N/A
444201PRP-N272	17	N/A	3.6	N/A
444201PRP-N273	18	N/A	72.8	N/A
444201PRP-N274	17	N/A	11.6	N/A
444201PRP-N275	18	N/A	-12.9	N/A
444201PRP-N276	17	N/A	-12.4	N/A
444201PRP-N277	18	N/A	94.3	N/A
444201PRP-N278	17	N/A	-40.4	N/A
444201PRP-N279	18	N/A	8.6	N/A
444201PRP-N280	17	N/A	67.6	N/A
444201PRP-N281	18	N/A	65.7	N/A
444201PRP-N282	17	N/A	-20.4	N/A
444201PRP-N283	18	N/A	1.4	N/A
444201PRP-N284	17	N/A	-24.4	N/A
444201PRP-N285	18	N/A	-55.7	N/A
444201PRP-N286	17	N/A	-12.4	N/A
444201PRP-N287	18	N/A	44.3	N/A
444201PRP-N288	17	N/A	-24.4	N/A
444201PRP-N289	18	N/A	165.7	N/A
444201PRP-N290	17	N/A	-0.4	N/A
444201PRP-N291	18	N/A	-41.4	N/A
444201PRP-N292	17	N/A	-16.4	N/A
444201PRP-N293	18	N/A	37.1	N/A
444201PRP-N294	17	N/A	27.6	N/A
444201PRP-N295	18	N/A	65.7	N/A
444201PRP-N296	17	N/A	-12.4	N/A
444201PRP-N297	18	N/A	44.3	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N298	17	N/A	-28.4	N/A
444201PRP-N299	18	N/A	1.4	N/A
444201PRP-N300	51	N/A	28.0	N/A
444201PRP-N301	51	N/A	-24.0	N/A
444201PRP-N302	51	N/A	20.0	N/A
444201PRP-N303	51	N/A	136.0	N/A
444201PRP-N304	51	N/A	28.0	N/A
444201PRP-N305	51	N/A	-68.0	N/A
444201PRP-N306	51	N/A	12.0	N/A
444201PRP-N307	51	N/A	44.0	N/A
444201PRP-N308	51	N/A	56.0	N/A
444201PRP-N309	51	N/A	44.0	N/A
444201PRP-N310	51	N/A	4.0	N/A
444201PRP-N311	51	N/A	24.0	N/A
444201PRP-N312	51	N/A	96.0	N/A
444201PRP-N313	51	N/A	40.0	N/A
444201PRP-N314	51	N/A	76.0	N/A
444201PRP-N315	51	N/A	-8.0	N/A
444201PRP-N316	51	N/A	-12.0	N/A
444201PRP-N317	51	N/A	20.0	N/A
444201PRP-N318	51	N/A	60.0	N/A
444201PRP-N319	51	N/A	16.0	N/A
444201PRP-N320	51	N/A	52.0	N/A
444201PRP-N321	51	N/A	48.0	N/A
444201PRP-N322	51	N/A	-44.0	N/A
444201PRP-N323	17	N/A	-8.4	N/A
444201PRP-N324	18	N/A	-5.7	N/A
444201PRP-N325	17	N/A	59.6	N/A
444201PRP-N326	18	N/A	72.8	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N327	17	N/A	15.6	N/A
444201PRP-N328	18	N/A	15.7	N/A
444201PRP-N329	17	N/A	3.6	N/A
444201PRP-N330	18	N/A	51.4	N/A
444201PRP-N331	17	N/A	15.6	N/A
444201PRP-N332	51	N/A	-12.0	N/A
444201PRP-N333	51	N/A	60.0	N/A
444201PRP-N334	51	N/A	20.0	N/A
444201PRP-N335	51	N/A	12.0	N/A
444201PRP-N336	51	N/A	-56.0	N/A
444201PRP-N337	51	N/A	0.0	N/A
444201PRP-N338	51	N/A	36.0	N/A
444201PRP-N339	51	N/A	88.0	N/A
444201PRP-N340	51	N/A	4.0	N/A
444201PRP-N341	51	N/A	-28.0	N/A
444201PRP-N342	51	N/A	-44.0	N/A
444201PRP-N343	51	N/A	4.0	N/A
444201PRP-N344	51	N/A	56.0	N/A
444201PRP-N345	51	N/A	68.0	N/A
444201PRP-N346	51	N/A	12.0	N/A
444201PRP-N347	51	N/A	-56.0	N/A
444201PRP-N348	51	N/A	12.0	N/A
444201PRP-N349	51	N/A	28.0	N/A
444201PRP-N350	51	N/A	20.0	N/A
444201PRP-N351	51	N/A	0.0	N/A
444201PRP-N352	51	N/A	32.0	N/A
444201PRP-N353	51	N/A	28.0	N/A
444201PRP-N354	51	N/A	12.0	N/A
444201PRP-N355	51	N/A	0.0	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N356	51	N/A	-8.0	N/A
444201PRP-N357	51	N/A	8.0	N/A
444201PRP-N358	51	N/A	-20.0	N/A
444201PRP-N359	51	N/A	48.0	N/A
444201PRP-N360	51	N/A	12.0	N/A
444201PRP-N361	51	N/A	48.0	N/A
444201PRP-N362	51	N/A	8.0	N/A
444201PRP-N368	51	N/A	76.0	N/A
444201PRP-N369	51	N/A	16.0	N/A
444201PRP-N370	51	N/A	-4.0	N/A
444201PRP-N371	51	N/A	48.0	N/A
444201PRP-N372	51	N/A	-4.0	N/A
444201PRP-N373	51	N/A	36.0	N/A
444201PRP-N374	51	N/A	52.0	N/A
444201PRP-N375	51	N/A	12.0	N/A
444201PRP-N376	51	N/A	-8.0	N/A
444201PRP-N377	51	N/A	4.0	N/A
444201PRP-N378	51	N/A	92.0	N/A
444201PRP-N379	51	N/A	72.0	N/A
444201PRP-N380	51	N/A	56.0	N/A
444201PRP-N381	51	N/A	-16.0	N/A
444201PRP-N382	51	N/A	64.0	N/A
444201PRP-N383	51	N/A	-8.0	N/A
444201PRP-N384	51	N/A	-16.0	N/A
444201PRP-N385	51	N/A	32.0	N/A
444201PRP-N386	51	N/A	96.0	N/A
444201PRP-N387	51	N/A	24.0	N/A
444201PRP-N388	51	N/A	84.0	N/A
444201PRP-N389	51	N/A	60.0	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N390	51	N/A	-16.0	N/A
444201PRP-N391	51	N/A	104.0	N/A
444201PRP-N392	51	N/A	24.0	N/A
444201PRP-N393	51	N/A	-20.0	N/A
444201PRP-N394	51	N/A	-36.0	N/A
444201PRP-N395	51	N/A	-12.0	N/A
444201PRP-N396	51	N/A	28.0	N/A
444201PRP-N397	51	N/A	48.0	N/A
444201PRP-N398	51	N/A	8.0	N/A
444201PRP-N399	51	N/A	-8.0	N/A
444201PRP-N400	51	N/A	-84.0	N/A
444201PRP-N401	51	N/A	-28.0	N/A
444201PRP-N402	51	N/A	20.0	N/A
444201PRP-N403	51	N/A	12.0	N/A
444201PRP-N404	51	N/A	104.0	N/A
444201PRP-N405	51	N/A	4.0	N/A
444201PRP-N406	51	N/A	4.0	N/A
444201PRP-N407	51	N/A	8.0	N/A
444201PRP-N408	17	N/A	15.6	N/A
444201PRP-N409	18	N/A	1.4	N/A
444201PRP-N410	17	N/A	11.6	N/A
444201PRP-N411	18	N/A	30.0	N/A
444201PRP-N412	17	N/A	-12.4	N/A
444201PRP-N413	18	N/A	-34.3	N/A
444201PRP-N414	17	N/A	-32.4	N/A
444201PRP-N415	18	N/A	8.6	N/A
444201PRP-N416	17	N/A	-12.4	N/A
444201PRP-N417	18	N/A	44.3	N/A
444201PRP-N418	17	N/A	23.6	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N419	18	N/A	58.6	N/A
444201PRP-N420	17	N/A	11.6	N/A
444201PRP-N421	18	N/A	101.4	N/A
444201PRP-N422	17	N/A	19.6	N/A
444201PRP-N423	18	N/A	58.6	N/A
444201PRP-N424	17	N/A	-24.4	N/A
444201PRP-N425	18	N/A	8.6	N/A
444201PRP-N426	17	N/A	-0.4	N/A
444201PRP-N427	18	N/A	1.4	N/A
444201PRP-N428	17	N/A	43.6	N/A
444201PRP-N429	18	N/A	-34.3	N/A
444201PRP-N430	17	N/A	35.6	N/A
444201PRP-N431	18	N/A	15.7	N/A
444201PRP-N432	17	N/A	31.6	N/A
444201PRP-N433	18	N/A	30.0	N/A
444201PRP-N434	17	N/A	23.6	N/A
444201PRP-N435	18	N/A	-34.3	N/A
444201PRP-N436	17	N/A	43.6	N/A
444201PRP-N437	18	N/A	22.8	N/A
444201PRP-N438	17	N/A	39.6	N/A
444201PRP-N439	18	N/A	1.4	N/A
444201PRP-N440	17	N/A	35.6	N/A
444201PRP-N441	18	N/A	-20.0	N/A
444201PRP-N442	17	N/A	23.6	N/A
444201PRP-N443	18	N/A	-27.2	N/A
444201PRP-N450	52	N/A	-9.3	N/A
444201PRP-N451	51	N/A	92.0	N/A
444201PRP-N452	52	N/A	19.3	N/A
444201PRP-N453	51	N/A	28.0	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N454	52	N/A	47.9	N/A
444201PRP-N455	51	N/A	8.0	N/A
444201PRP-N456	52	N/A	69.3	N/A
444201PRP-N457	51	N/A	-56.0	N/A
444201PRP-N458	52	N/A	-9.3	N/A
444201PRP-N459	51	N/A	4.0	N/A
444201PRP-N460	51	N/A	-20.0	N/A
444201PRP-N461	51	N/A	64.0	N/A
444201PRP-N462	51	N/A	48.0	N/A
444201PRP-N463	51	N/A	-40.0	N/A
444201PRP-N465	51	N/A	4.0	N/A
444201PRP-N466	51	N/A	12.0	N/A
444201PRP-N497	18	N/A	22.8	N/A
444201PRP-N498	18	N/A	37.1	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444201PBP-N001	26	N/A	69.3	26	N/A	55.0
444201PBP-N002	27	N/A	-35.0	27	N/A	15.0
444201PBP-N003	26	N/A	19.3	26	N/A	26.5
444201PBP-N004	27	N/A	79.3	27	N/A	29.3
444201PBP-N005	26	N/A	47.9	26	N/A	26.5
444201PBP-N006	32	N/A	-12.1	32	N/A	95.0
444201PBP-N007	33	N/A	55.0	33	N/A	-45.0
444201PBP-N008	32	N/A	-69.3	32	N/A	45.0
444201PBP-N009	33	N/A	90.7	33	N/A	40.7
444201PBP-N010	32	N/A	-97.9	32	N/A	16.4
444201PBP-N011	32	N/A	102.1	32	N/A	-40.7
444201PBP-N012	33	N/A	-16.4	33	N/A	-87.9
444201PBP-N013	4	N/A	-90.7	4	N/A	30.7
444201PBP-N014	4	N/A	-26.4	4	N/A	16.4
444201PBP-N015	4	N/A	-5.0	4	N/A	-83.6
444201PBP-N016	4	N/A	59.3	4	N/A	-83.6
444201PBP-N017	4	N/A	-133.6	4	N/A	16.4
444201PBP-N018	4	N/A	23.6	4	N/A	23.6
444201PBP-N019	4	N/A	37.8	4	N/A	2.1
444201PBP-N020	14	N/A	-40.0	15	N/A	-20.0
444201PBP-N021	14	N/A	2.8	15	N/A	37.2
444201PBP-N022	14	N/A	52.8	15	N/A	-34.3
444201PBP-N024	14	N/A	-68.6	15	N/A	-34.3
444201PBP-N025	4	N/A	-40.7	4	N/A	37.8
444201PBP-N026	4	N/A	16.4	4	N/A	-55.0
444201PBP-N027	4	N/A	2.1	4	N/A	-76.4
444201PBP-N028	5	N/A	2.8	4	N/A	30.7

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444201PBP-N029	4	N/A	9.3	4	N/A	23.6
444201PBP-N030	4	N/A	16.4	4	N/A	-19.3
444201PBP-N031	4	N/A	45.0	4	N/A	-97.9
444201PBP-N032	4	N/A	-12.2	4	N/A	-33.6
444201PBP-N033	4	N/A	-12.2	4	N/A	-47.9
444201PBP-N034	4	N/A	23.6	4	N/A	102.1
444201PBP-N035	4	N/A	-69.3	4	N/A	-26.4
444201PBP-N036	5	N/A	2.8	5	N/A	45.7

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N037	9	N/A	13.8	N/A
444201PRP-N038	10	N/A	1,068.4	N/A
444201PRP-N039	9	N/A	591.1	N/A
444201PRP-N040	10	N/A	472.9	N/A
444201PRP-N041	9	N/A	545.7	N/A
444201PRP-N042	10	N/A	259.3	N/A
444201PRP-N043	9	N/A	372.9	N/A
444201PRP-N044	10	N/A	341.1	N/A
444201PRP-N045	9	N/A	1,000.2	N/A
444201PRP-N046	10	N/A	622.9	N/A
444201PRP-N047	9	N/A	372.9	N/A
444201PRP-N048	10	N/A	791.1	N/A
444201PRP-N049	9	N/A	1,036.6	N/A
444201PRP-N050	10	N/A	9.3	N/A
444201PRP-N051	9	N/A	227.5	N/A
444201PRP-N052	10	N/A	945.7	N/A
444201PRP-N053	9	N/A	313.8	N/A
444201PRP-N054	35	N/A	113.8	N/A
444201PRP-N055	36	N/A	386.6	N/A
444201PRP-N056	36	N/A	1,082.0	N/A
444201PRP-N057	35	N/A	-872.5	N/A
444201PRP-N058	36	N/A	-918.0	N/A
444201PRP-N059	35	N/A	-654.3	N/A
444201PRP-N060	36	N/A	232.0	N/A
444201PRP-N061	35	N/A	241.1	N/A
444201PRP-N062	36	N/A	350.2	N/A
444201PRP-N063	35	N/A	1,095.7	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N064	36	N/A	168.4	N/A
444201PRP-N065	35	N/A	145.7	N/A
444201PRP-N066	36	N/A	-708.9	N/A
444201PRP-N067	35	N/A	-627.1	N/A
444201PRP-N068	36	N/A	-663.4	N/A
444201PRP-N069	35	N/A	-1,036.2	N/A
444201PRP-N070	36	N/A	245.7	N/A
444201PRP-N071	35	N/A	736.6	N/A
444201PRP-N072	36	N/A	-858.9	N/A
444201PRP-N073	35	N/A	-808.9	N/A
444201PRP-N074	36	N/A	-727.1	N/A
444201PRP-N075	35	N/A	-722.5	N/A
444201PRP-N076	36	N/A	-990.7	N/A
444201PRP-N077	35	N/A	-831.6	N/A
444201PRP-N078	44	N/A	2,550.2	N/A
444201QRP-N078	48	N/A	507.4	N/A
444201PRP-N079	45	N/A	1,582.0	N/A
444201PRP-N080	46	N/A	1,932.0	N/A
444201PRP-N081	44	N/A	1,645.7	N/A
444201PRP-N082	44	N/A	1,977.5	N/A
444201QRP-N082	48	N/A	766.5	N/A
444201PRP-N083	45	N/A	2,004.8	N/A
444201QRP-N083	50	N/A	1,139.3	N/A
444201PRP-N084	46	N/A	1,568.4	N/A
444201PRP-N085	44	N/A	1,750.2	N/A
444201PRP-N086	45	N/A	1,463.8	N/A
444201PRP-N087	46	N/A	2,322.9	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201QRP-N087	48	N/A	1,475.6	N/A
444201PRP-N088	44	N/A	1,941.1	N/A
444201PRP-N089	45	N/A	1,263.8	N/A
444201PRP-N090	46	N/A	1,477.5	N/A
444201PRP-N091	44	N/A	1,645.7	N/A
444201PRP-N092	45	N/A	3,168.4	N/A
444201QRP-N092	50	N/A	2,262.0	N/A
444201PRP-N093	46	N/A	1,072.9	N/A
444201PRP-N094	44	N/A	1,959.3	N/A
444201QRP-N094	48	N/A	1,112.0	N/A
444201PRP-N095	45	N/A	1,782.0	N/A
444201PRP-N096	46	N/A	1,768.4	N/A
444201PRP-N097	44	N/A	1,286.6	N/A
444201PRP-N098	45	N/A	1,654.8	N/A
444201PRP-N099	46	N/A	1,577.5	N/A
444201PRP-N100	44	N/A	1,418.4	N/A
444201PRP-N101	45	N/A	2,513.8	N/A
444201QRP-N101	50	N/A	1,375.6	N/A
444201PRP-N102	46	N/A	1,759.3	N/A
444201PRP-N103	44	N/A	2,032.0	N/A
444201QRP-N103	48	N/A	1,062.0	N/A
444201PRP-N104	45	N/A	1,559.3	N/A
444201PRP-N105	46	N/A	986.6	N/A
444201PRP-N106	44	N/A	1,436.6	N/A
444201PRP-N107	45	N/A	1,059.3	N/A
444201PRP-N108	46	N/A	1,736.6	N/A
444201PRP-N109	44	N/A	2,950.2	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N110	45	N/A	2,213.8	N/A
444201QRP-N110	50	N/A	1,071.1	N/A
444201PRP-N111	46	N/A	1,872.9	N/A
444201PRP-N112	44	N/A	1,636.6	N/A
444201PRP-N113	45	N/A	1,404.8	N/A
444201PRP-N114	46	N/A	2,318.4	N/A
444201QRP-N114	48	N/A	1,180.2	N/A
444201PRP-N115	44	N/A	1,841.1	N/A
444201PRP-N116	45	N/A	2,391.1	N/A
444201PRP-N117	46	N/A	1,454.8	N/A
444201PRP-N118	44	N/A	1,845.7	N/A
444201PRP-N119	45	N/A	1,759.3	N/A
444201PRP-N120	46	N/A	1,245.7	N/A
444201PRP-N121	44	N/A	1,136.6	N/A
444201PRP-N122	45	N/A	1,945.7	N/A
444201PRP-N123	46	N/A	1,882.0	N/A
444201PRP-N124	44	N/A	3,000.2	N/A
444201PRP-N125	45	N/A	3,432.0	N/A
444201QRP-N125	50	N/A	2,784.7	N/A
444201PRP-N126	46	N/A	2,391.1	N/A
444201PRP-N127	44	N/A	1,918.4	N/A
444201PRP-N128	45	N/A	2,032.0	N/A
444201PRP-N129	46	N/A	1,227.5	N/A
444201PRP-N130	44	N/A	1,936.6	N/A
444201PRP-N131	45	N/A	1,645.7	N/A
444201PRP-N132	46	N/A	1,959.3	N/A
444201PRP-N133	44	N/A	2,186.6	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N134	45	N/A	1,832.0	N/A
444201PRP-N135	46	N/A	2,213.8	N/A
444201QRP-N135	48	N/A	1,457.4	N/A
444201PRP-N136	44	N/A	1,450.2	N/A
444201PRP-N137	45	N/A	932.0	N/A
444201PRP-N138	46	N/A	1,954.8	N/A
444201PRP-N139	44	N/A	1,936.6	N/A
444201PRP-N140	45	N/A	1,554.8	N/A
444201PRP-N141	46	N/A	2,209.3	N/A
444201PRP-N142	44	N/A	1,041.1	N/A
444201PRP-N143	35	N/A	1,300.2	N/A
444201PRP-N144	36	N/A	-572.5	N/A
444201PRP-N145	35	N/A	-395.2	N/A
444201PRP-N146	36	N/A	391.1	N/A
444201PRP-N147	35	N/A	845.7	N/A
444201PRP-N148	36	N/A	1,150.2	N/A
444201PRP-N149	35	N/A	1,159.3	N/A
444201PRP-N150	36	N/A	991.1	N/A
444201PRP-N151	35	N/A	850.2	N/A
444201PRP-N152	36	N/A	563.8	N/A
444201PRP-N153	35	N/A	909.3	N/A
444201PRP-N154	36	N/A	668.4	N/A
444201PRP-N155	35	N/A	491.1	N/A
444201PRP-N156	36	N/A	377.5	N/A
444201PRP-N157	35	N/A	422.9	N/A
444201PRP-N158	36	N/A	1,977.5	N/A
444201PRP-N159	35	N/A	677.5	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N160	36	N/A	41.1	N/A
444201PRP-N161	35	N/A	1,082.0	N/A
444201PRP-N162	36	N/A	577.5	N/A
444201PRP-N163	35	N/A	532.0	N/A
444201PRP-N164	36	N/A	-472.5	N/A
444201PRP-N165	35	N/A	-522.5	N/A
444201PRP-N166	36	N/A	245.7	N/A
444201PRP-N167	35	N/A	-695.2	N/A
444201PRP-N168	36	N/A	-649.8	N/A
444201PRP-N169	35	N/A	900.2	N/A
444201PRP-N170	36	N/A	1,059.3	N/A
444201PRP-N171	35	N/A	877.5	N/A
444201PRP-N172	36	N/A	713.8	N/A
444201PRP-N173	35	N/A	1,268.4	N/A
444201PRP-N174	36	N/A	400.2	N/A
444201PRP-N175	38	N/A	713.8	N/A
444201PRP-N176	37	N/A	941.1	N/A
444201PRP-N177	37	N/A	563.8	N/A
444201PRP-N178	38	N/A	668.4	N/A
444201PRP-N179	37	N/A	609.3	N/A
444201PRP-N180	38	N/A	868.4	N/A
444201PRP-N181	37	N/A	518.4	N/A
444201PRP-N182	38	N/A	922.9	N/A
444201PRP-N183	37	N/A	1,332.0	N/A
444201PRP-N184	38	N/A	359.3	N/A
444201PRP-N185	37	N/A	477.5	N/A
444201PRP-N186	38	N/A	1,095.7	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N187	37	N/A	1,891.1	N/A
444201PRP-N188	38	N/A	1,113.8	N/A
444201PRP-N189	37	N/A	95.7	N/A
444201PRP-N190	38	N/A	404.8	N/A
444201PRP-N191	37	N/A	1,150.2	N/A
444201PRP-N192	38	N/A	427.5	N/A
444201PRP-N193	37	N/A	382.0	N/A
444201PRP-N194	38	N/A	963.8	N/A
444201PRP-N195	37	N/A	577.5	N/A
444201PRP-N196	38	N/A	854.8	N/A
444201PRP-N197	37	N/A	1,145.7	N/A
444201PRP-N198	38	N/A	1,313.8	N/A
444201PRP-N199	37	N/A	1,522.9	N/A
444201PRP-N200	38	N/A	1,213.8	N/A
444201PRP-N201	37	N/A	718.4	N/A
444201PRP-N202	38	N/A	709.3	N/A
444201PRP-N203	11	N/A	627.5	N/A
444201PRP-N204	11	N/A	1,972.9	N/A
444201QRP-N204	48	N/A	452.9	N/A
444201PRP-N205	11	N/A	672.9	N/A
444201PRP-N206	11	N/A	745.7	N/A
444201PRP-N207	11	N/A	722.9	N/A
444201PRP-N208	11	N/A	682.0	N/A
444201PRP-N209	11	N/A	582.0	N/A
444201PRP-N210	11	N/A	741.1	N/A
444201PRP-N211	11	N/A	63.8	N/A
444201PRP-N212	11	N/A	913.8	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N213	11	N/A	850.2	N/A
444201PRP-N214	11	N/A	1,086.6	N/A
444201PRP-N215	11	N/A	391.1	N/A
444201PRP-N216	11	N/A	722.9	N/A
444201PRP-N217	11	N/A	727.5	N/A
444201PRP-N218	11	N/A	477.5	N/A
444201PRP-N219	11	N/A	536.6	N/A
444201PRP-N220	11	N/A	413.8	N/A
444201PRP-N221	11	N/A	704.8	N/A
444201PRP-N222	11	N/A	968.4	N/A
444201PRP-N223	11	N/A	772.9	N/A
444201PRP-N224	11	N/A	841.1	N/A
444201PRP-N225	11	N/A	377.5	N/A
444201PRP-N226	11	N/A	791.1	N/A
444201PRP-N227	11	N/A	468.4	N/A
444201PRP-N228	11	N/A	650.2	N/A
444201PRP-N229	11	N/A	391.1	N/A
444201PRP-N230	11	N/A	759.3	N/A
444201PRP-N231	11	N/A	586.6	N/A
444201PRP-N232	11	N/A	695.7	N/A
444201PRP-N233	11	N/A	450.2	N/A
444201PRP-N234	11	N/A	686.6	N/A
444201PRP-N235	11	N/A	559.3	N/A
444201PRP-N236	11	N/A	509.3	N/A
444201PRP-N237	11	N/A	841.1	N/A
444201PRP-N238	11	N/A	486.6	N/A
444201PRP-N239	11	N/A	368.4	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N240	11	N/A	686.6	N/A
444201PRP-N241	11	N/A	1,082.0	N/A
444201PRP-N242	11	N/A	95.7	N/A
444201PRP-N243	11	N/A	454.8	N/A
444201PRP-N244	11	N/A	650.2	N/A
444201PRP-N245	11	N/A	741.1	N/A
444201PRP-N246	11	N/A	627.5	N/A
444201PRP-N247	11	N/A	336.6	N/A
444201PRP-N248	11	N/A	486.6	N/A
444201PRP-N249	11	N/A	682.0	N/A
444201PRP-N250	11	N/A	600.2	N/A
444201PRP-N251	11	N/A	791.1	N/A
444201PRP-N252	11	N/A	313.8	N/A
444201PRP-N253	11	N/A	254.8	N/A
444201PRP-N254	11	N/A	454.8	N/A
444201PRP-N255	11	N/A	713.8	N/A
444201PRP-N256	11	N/A	713.8	N/A
444201PRP-N257	11	N/A	909.3	N/A
444201PRP-N258	11	N/A	-204.3	N/A
444201PRP-N259	11	N/A	986.6	N/A
444201PRP-N260	11	N/A	422.9	N/A
444201PRP-N261	11	N/A	582.0	N/A
444201PRP-N262	11	N/A	804.8	N/A
444201PRP-N263	10	N/A	-145.2	N/A
444201PRP-N264	35	N/A	177.5	N/A
444201PRP-N265	11	N/A	-177.1	N/A
444201PRP-N266	11	N/A	441.1	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N267	11	N/A	-395.2	N/A
444201PRP-N268	11	N/A	645.7	N/A
444201PRP-N269	11	N/A	241.1	N/A
444201PRP-N270	11	N/A	-681.6	N/A
444201PRP-N271	11	N/A	191.1	N/A
444201PRP-N272	11	N/A	-868.0	N/A
444201PRP-N273	11	N/A	854.8	N/A
444201PRP-N274	11	N/A	445.7	N/A
444201PRP-N275	11	N/A	-1,008.9	N/A
444201PRP-N276	11	N/A	982.0	N/A
444201PRP-N277	11	N/A	-704.3	N/A
444201PRP-N278	11	N/A	1,027.5	N/A
444201PRP-N279	11	N/A	286.6	N/A
444201PRP-N280	11	N/A	500.2	N/A
444201PRP-N281	11	N/A	677.5	N/A
444201PRP-N282	11	N/A	-890.7	N/A
444201PRP-N283	11	N/A	1,436.6	N/A
444201PRP-N284	11	N/A	982.0	N/A
444201PRP-N285	11	N/A	668.4	N/A
444201PRP-N286	11	N/A	895.7	N/A
444201PRP-N287	11	N/A	-1,063.4	N/A
444201PRP-N288	11	N/A	209.3	N/A
444201PRP-N289	11	N/A	454.8	N/A
444201PRP-N290	11	N/A	650.2	N/A
444201PRP-N291	11	N/A	-1,745.2	N/A
444201PRP-N292	11	N/A	732.0	N/A
444201PRP-N293	11	N/A	604.8	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N294	11	N/A	86.6	N/A
444201PRP-N295	11	N/A	-127.1	N/A
444201PRP-N296	11	N/A	154.8	N/A
444201PRP-N297	11	N/A	-458.9	N/A
444201PRP-N298	11	N/A	-1,104.3	N/A
444201PRP-N299	11	N/A	-1,236.2	N/A
444201PRP-N300	44	N/A	2,377.5	N/A
444201QRP-N300	48	N/A	1,575.6	N/A
444201PRP-N301	45	N/A	2,222.9	N/A
444201PRP-N302	44	N/A	1,650.2	N/A
444201PRP-N303	45	N/A	1,536.6	N/A
444201PRP-N304	44	N/A	1,818.4	N/A
444201PRP-N305	45	N/A	1,809.3	N/A
444201PRP-N306	44	N/A	1,600.2	N/A
444201PRP-N307	45	N/A	2,054.8	N/A
444201PRP-N308	44	N/A	2,927.5	N/A
444201QRP-N308	48	N/A	1,834.7	N/A
444201PRP-N309	45	N/A	1,563.8	N/A
444201PRP-N310	44	N/A	1,895.7	N/A
444201PRP-N311	45	N/A	2,236.6	N/A
444201PRP-N312	44	N/A	2,822.9	N/A
444201PRP-N313	45	N/A	2,163.8	N/A
444201PRP-N314	44	N/A	1,668.4	N/A
444201PRP-N315	45	N/A	1,432.0	N/A
444201PRP-N316	44	N/A	2,291.1	N/A
444201PRP-N317	45	N/A	2,259.3	N/A
444201PRP-N318	44	N/A	1,891.1	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N319	45	N/A	1,750.2	N/A
444201PRP-N320	44	N/A	1,786.6	N/A
444201PRP-N321	45	N/A	1,445.7	N/A
444201PRP-N322	44	N/A	1,582.0	N/A
444201PRP-N323	19	N/A	-440.7	N/A
444201PRP-N324	19	N/A	-768.0	N/A
444201PRP-N325	19	N/A	-572.5	N/A
444201PRP-N326	19	N/A	-399.8	N/A
444201PRP-N327	19	N/A	-618.0	N/A
444201PRP-N328	19	N/A	-618.0	N/A
444201PRP-N329	19	N/A	-622.5	N/A
444201PRP-N330	19	N/A	-322.5	N/A
444201PRP-N331	19	N/A	-713.4	N/A
444201PRP-N332	35	N/A	950.2	N/A
444201PRP-N333	36	N/A	972.9	N/A
444201PRP-N334	35	N/A	1,022.9	N/A
444201PRP-N335	36	N/A	1,454.8	N/A
444201PRP-N336	35	N/A	1,595.7	N/A
444201PRP-N337	36	N/A	1,559.3	N/A
444201PRP-N338	35	N/A	1,300.2	N/A
444201PRP-N339	36	N/A	1,072.9	N/A
444201PRP-N340	35	N/A	1,318.4	N/A
444201PRP-N341	36	N/A	1,272.9	N/A
444201PRP-N342	35	N/A	1,677.5	N/A
444201PRP-N343	36	N/A	1,718.4	N/A
444201PRP-N344	35	N/A	1,677.5	N/A
444201PRP-N345	36	N/A	1,459.3	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N346	35	N/A	1,527.5	N/A
444201PRP-N347	36	N/A	1,791.1	N/A
444201PRP-N348	35	N/A	1,482.0	N/A
444201PRP-N349	36	N/A	1,222.9	N/A
444201PRP-N350	46	N/A	759.3	N/A
444201PRP-N351	46	N/A	618.4	N/A
444201PRP-N352	46	N/A	2,641.1	N/A
444201PRP-N353	46	N/A	936.6	N/A
444201PRP-N354	37	N/A	91.1	N/A
444201PRP-N355	38	N/A	386.6	N/A
444201PRP-N356	37	N/A	409.3	N/A
444201PRP-N357	38	N/A	332.0	N/A
444201PRP-N358	37	N/A	413.8	N/A
444201PRP-N359	38	N/A	427.5	N/A
444201PRP-N360	37	N/A	645.7	N/A
444201PRP-N361	38	N/A	395.7	N/A
444201PRP-N362	37	N/A	227.5	N/A
444201PRP-N368	44	N/A	1,872.9	N/A
444201PRP-N369	45	N/A	2,036.6	N/A
444201PRP-N370	44	N/A	1,950.2	N/A
444201PRP-N371	45	N/A	2,163.8	N/A
444201PRP-N372	44	N/A	2,191.1	N/A
444201QRP-N372	48	N/A	2,143.8	N/A
444201PRP-N373	45	N/A	3,100.2	N/A
444201PRP-N374	44	N/A	2,963.8	N/A
444201PRP-N375	45	N/A	3,077.5	N/A
444201PRP-N376	35	N/A	1,050.2	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N377	35	N/A	1,168.4	N/A
444201PRP-N378	35	N/A	1,436.6	N/A
444201PRP-N379	35	N/A	1,182.0	N/A
444201PRP-N380	35	N/A	868.4	N/A
444201PRP-N381	35	N/A	1,277.5	N/A
444201PRP-N382	44	N/A	3,145.7	N/A
444201PRP-N383	45	N/A	2,132.0	N/A
444201PRP-N384	44	N/A	2,109.3	N/A
444201PRP-N385	45	N/A	3,513.8	N/A
444201QRP-N385	50	N/A	2,480.2	N/A
444201PRP-N386	44	N/A	1,504.8	N/A
444201PRP-N387	45	N/A	3,227.5	N/A
444201QRP-N387	50	N/A	2,402.9	N/A
444201PRP-N388	44	N/A	2,777.5	N/A
444201PRP-N389	45	N/A	3,245.7	N/A
444201QRP-N389	50	N/A	2,302.9	N/A
444201PRP-N390	44	N/A	2,963.8	N/A
444201QRP-N390	48	N/A	2,139.3	N/A
444201PRP-N391	45	N/A	13.8	N/A
444201PRP-N392	44	N/A	1,182.0	N/A
444201PRP-N393	45	N/A	1,086.6	N/A
444201PRP-N394	44	N/A	527.5	N/A
444201PRP-N395	45	N/A	968.4	N/A
444201PRP-N396	44	N/A	1,336.6	N/A
444201PRP-N397	45	N/A	1,113.8	N/A
444201PRP-N398	44	N/A	495.7	N/A
444201PRP-N399	45	N/A	-131.6	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N400	44	N/A	745.7	N/A
444201PRP-N401	45	N/A	654.8	N/A
444201PRP-N402	44	N/A	350.2	N/A
444201PRP-N403	45	N/A	1,504.8	N/A
444201PRP-N404	44	N/A	1,168.4	N/A
444201PRP-N405	45	N/A	1,363.8	N/A
444201PRP-N406	44	N/A	900.2	N/A
444201PRP-N407	45	N/A	1,477.5	N/A
444201PRP-N408	9	N/A	836.6	N/A
444201PRP-N409	10	N/A	268.4	N/A
444201PRP-N410	9	N/A	-336.2	N/A
444201PRP-N411	10	N/A	441.1	N/A
444201PRP-N412	9	N/A	-49.8	N/A
444201PRP-N413	10	N/A	568.4	N/A
444201PRP-N414	9	N/A	-295.2	N/A
444201PRP-N415	10	N/A	409.3	N/A
444201PRP-N416	9	N/A	-145.2	N/A
444201PRP-N417	10	N/A	404.8	N/A
444201PRP-N418	9	N/A	-468.0	N/A
444201PRP-N419	10	N/A	600.2	N/A
444201PRP-N420	9	N/A	286.6	N/A
444201PRP-N421	10	N/A	682.0	N/A
444201PRP-N422	9	N/A	72.9	N/A
444201PRP-N423	10	N/A	222.9	N/A
444201PRP-N424	9	N/A	522.9	N/A
444201PRP-N425	10	N/A	-18.0	N/A
444201PRP-N426	9	N/A	641.1	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N427	10	N/A	395.7	N/A
444201PRP-N428	9	N/A	182.0	N/A
444201PRP-N429	10	N/A	1,609.3	N/A
444201PRP-N430	9	N/A	136.6	N/A
444201PRP-N431	10	N/A	695.7	N/A
444201PRP-N432	9	N/A	268.4	N/A
444201PRP-N433	10	N/A	609.3	N/A
444201PRP-N434	9	N/A	713.8	N/A
444201PRP-N435	10	N/A	1,182.0	N/A
444201PRP-N436	9	N/A	600.2	N/A
444201PRP-N437	10	N/A	954.8	N/A
444201PRP-N438	9	N/A	1,077.5	N/A
444201PRP-N439	10	N/A	2,209.3	N/A
444201PRP-N440	9	N/A	877.5	N/A
444201PRP-N441	10	N/A	2,068.4	N/A
444201QRP-N441	48	N/A	1,384.7	N/A
444201PRP-N442	9	N/A	1,945.7	N/A
444201PRP-N443	10	N/A	1,359.3	N/A
444201PRP-N450	46	N/A	1,241.1	N/A
444201PRP-N451	46	N/A	1,509.3	N/A
444201PRP-N452	46	N/A	1,468.4	N/A
444201PRP-N453	46	N/A	1,722.9	N/A
444201PRP-N454	46	N/A	1,454.8	N/A
444201PRP-N455	46	N/A	1,445.7	N/A
444201PRP-N456	46	N/A	1,363.8	N/A
444201PRP-N457	46	N/A	1,541.1	N/A
444201PRP-N458	46	N/A	1,700.2	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444201PRP-N459	36	N/A	2,050.2	N/A
444201PRP-N460	36	N/A	1,441.1	N/A
444201PRP-N461	36	N/A	2,072.9	N/A
444201QRP-N461	49	N/A	1,271.1	N/A
444201PRP-N462	46	N/A	782.0	N/A
444201PRP-N463	46	N/A	709.3	N/A
444201PRP-N465	36	N/A	1,077.5	N/A
444201PRP-N466	46	N/A	1,032.0	N/A
444201PRP-N497	9	N/A	-218.0	N/A
444201PRP-N498	10	N/A	-145.2	N/A

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444201PBP-N001	28	N/A	693.3	28	N/A	626.2
444201PBP-N002	28	N/A	625.1	28	N/A	391.0
444201PBP-N003	28	N/A	2,275.1	28	N/A	792.3
444201PBP-N004	28	N/A	229.7	28	N/A	868.5
444201PBP-N005	28	N/A	6.9	28	N/A	512.1
444201PBP-N006	34	N/A	143.3	34	N/A	667.8
444201PBP-N007	34	N/A	193.3	34	N/A	1,041.5
444201PBP-N008	34	N/A	179.7	34	N/A	626.2
444201PBP-N009	34	N/A	143.3	34	N/A	536.3
444201PBP-N010	34	N/A	279.7	34	N/A	494.8
444201PBP-N011	34	N/A	261.5	34	N/A	754.3
444201PBP-N012	34	N/A	316.0	34	N/A	1,065.7
444201PBP-N013	1	N/A	438.7	1	N/A	745.7
444201PBP-N014	1	N/A	-374.9	1	N/A	-243.8
444201PBP-N015	1	N/A	11.5	1	N/A	-167.2
444201PBP-N016	1	N/A	284.2	1	N/A	913.0
444201PBP-N017	1	N/A	-56.7	1	N/A	261.4
444201PBP-N018	1	N/A	-193.1	1	N/A	73.2
444201PBP-N019	1	N/A	438.7	1	N/A	745.7
444201PBP-N020	13	N/A	-247.6	13	N/A	-193.1
444201PBP-N021	13	N/A	279.7	13	N/A	-430.9
444201PBP-N022	13	N/A	529.7	13	N/A	-121.5
444201PBP-N024	13	N/A	520.6	13	N/A	100.0
444201PBP-N025	1	N/A	375.1	1	N/A	212.6
444201PBP-N026	1	N/A	106.9	1	N/A	149.9
444201PBP-N027	1	N/A	288.7	1	N/A	122.0
444201PBP-N028	2	N/A	-674.9	2	N/A	682.4

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444201PBP-N029	1	N/A	452.4	1	N/A	230.0
444201PBP-N030	1	N/A	197.8	1	N/A	233.5
444201PBP-N031	1	N/A	-120.3	1	N/A	24.4
444201PBP-N032	1	N/A	-97.6	1	N/A	-160.2
444201PBP-N033	1	N/A	-56.7	1	N/A	-3.4
444201PBP-N034	1	N/A	-256.7	1	N/A	-114.9
444201PBP-N035	1	N/A	-315.8	1	N/A	-163.7
444201PBP-N036	2	N/A	175.1	2	N/A	682.4

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Survey Area: VIA 2	Survey Unit: 444201	Building: 444

Description: Building 444, VIA 2, Floors

Media Samples Data Sheet

Site Sample ID / Nbr ---------- Description	Nuclide	Sample (pCi/g)	Sample MDA (pCi/g)	Weight (g)	Surface Area (in²)	Sample Nuclide (dpm/100cm²)	Sample Nuclide MDA (dpm/100cm²)	Sample Total (dpm/100cm²)
04S0046-055.001 1	U234	0.5620	0.3620	422.50	24.5	334	215	
13-19, 25-36	U235	0.0380	0.0415			23	25	**Uranium**
	U238	0.5620	0.3620			334	215	690
	Pu239/240	NA	NA			NA	NA	**Transuranic**
	Am241	NA	NA			NA	NA	NA
04S0215-006.001 2	U234	1.3400	0.1090	74.40	24.5	140	11	
20-22, 24	U235	0.0944	0.1140			10	12	**Uranium**
	U238	1.3400	0.3620			140	38	290
	Pu239/240	NA	NA			NA	NA	**Transuranic**
	Am241	NA	NA			NA	NA	NA
04S0158-023.001 3	U234	1.1400	0.3620	654.60	24.5	1,048	333	
1-5	U235	0.0888	0.0459			82	42	**Uranium**
	U238	1.1400	0.3620			1,048	333	2,178
	Pu239/240	NA	NA			NA	NA	**Transuranic**
	Am241	NA	NA			NA	NA	NA
04S0156-023.001 4	U234	1.0100	0.4240	529.70	24.5	751	315	
6-12	U235	0.0960	0.0453			71	34	**Uranium**
	U238	1.0100	0.4240			751	315	1,574
	Pu239/240	NA	NA			NA	NA	**Transuranic**
	Am241	NA	NA			NA	NA	NA

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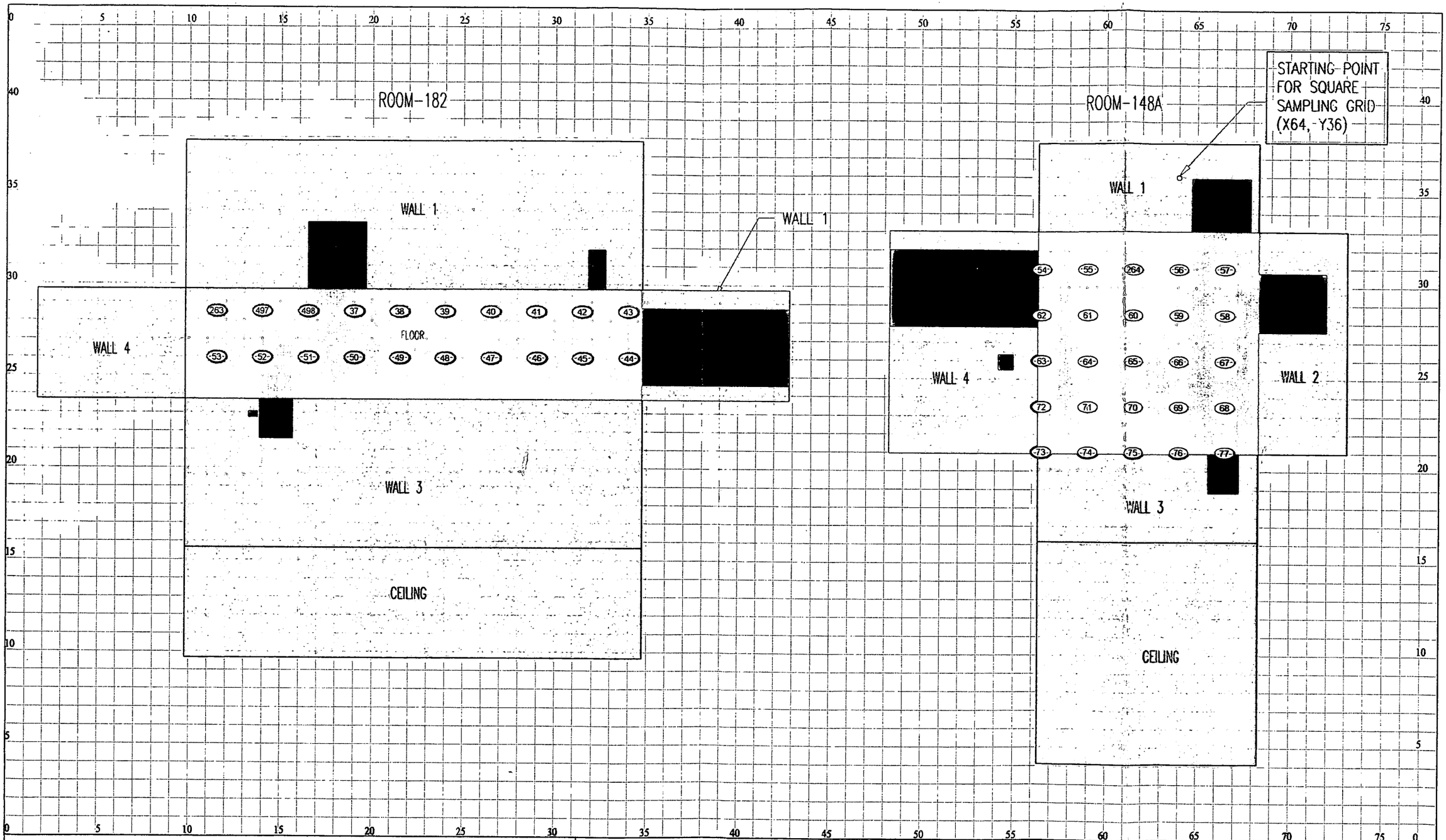

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444201 Classification: 1

Survey Area/Unit Description: Building 444 VIA #2, Floor

Floor Area: 2,806 sq.m Total Area: 2,806 sq.m Grid Spacing for Survey Area: 2.5 m x 2.5 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16
0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS B444201 SHT 01.DWG | Sheet: 1 of 6 | Rev: 0

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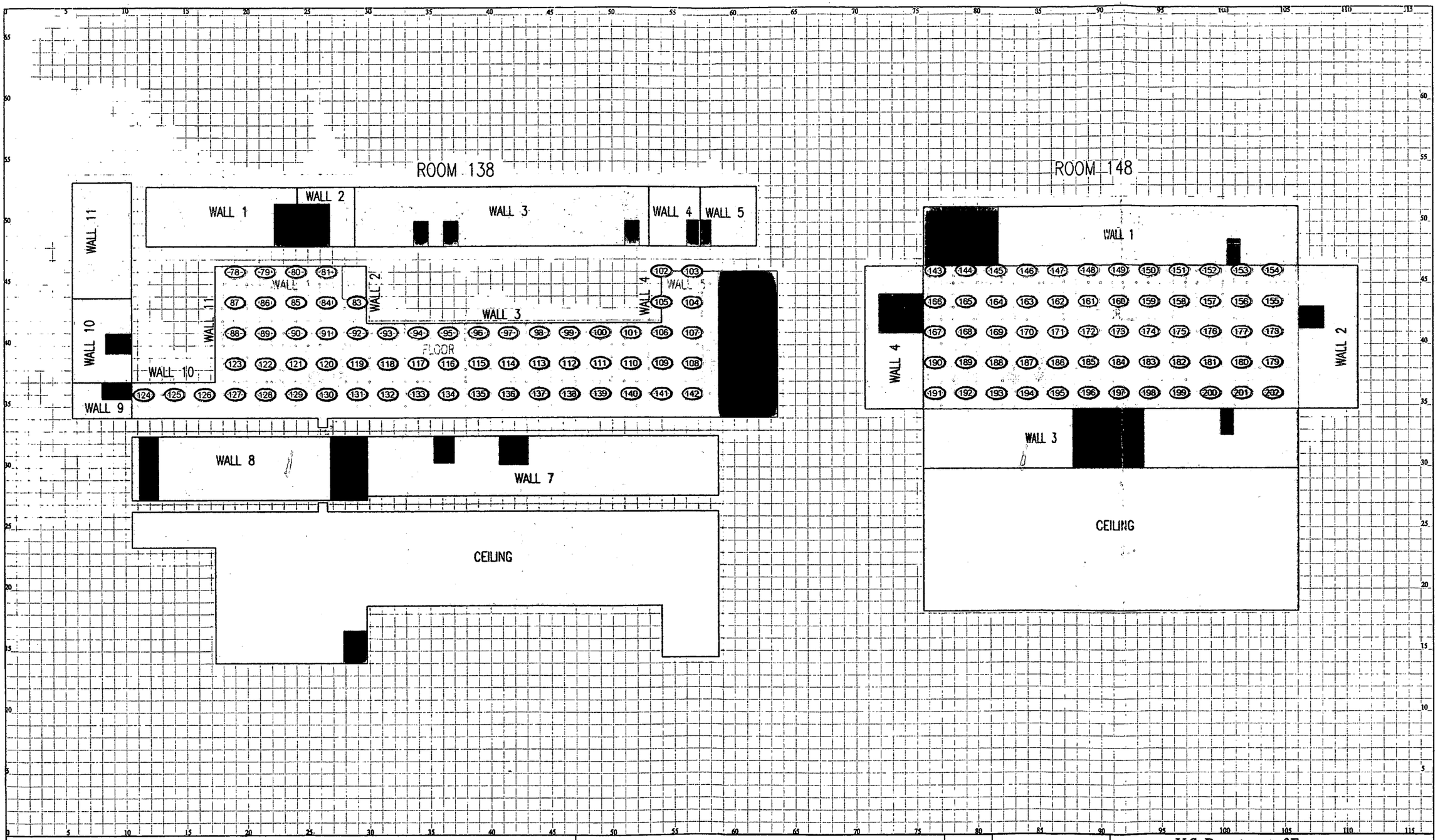

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444201 Classification: 1

Survey Area/Unit Description: Bldg. 444 VIA #2, Floor

Floor Area: 2,806 sq.m Total Area: 2,806 sq.m Grid Spacing for Survey Area: 2.5m x 2.5m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 24

0 METERS 8

1 inch = 24 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
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Prepared for: KAISER HILL

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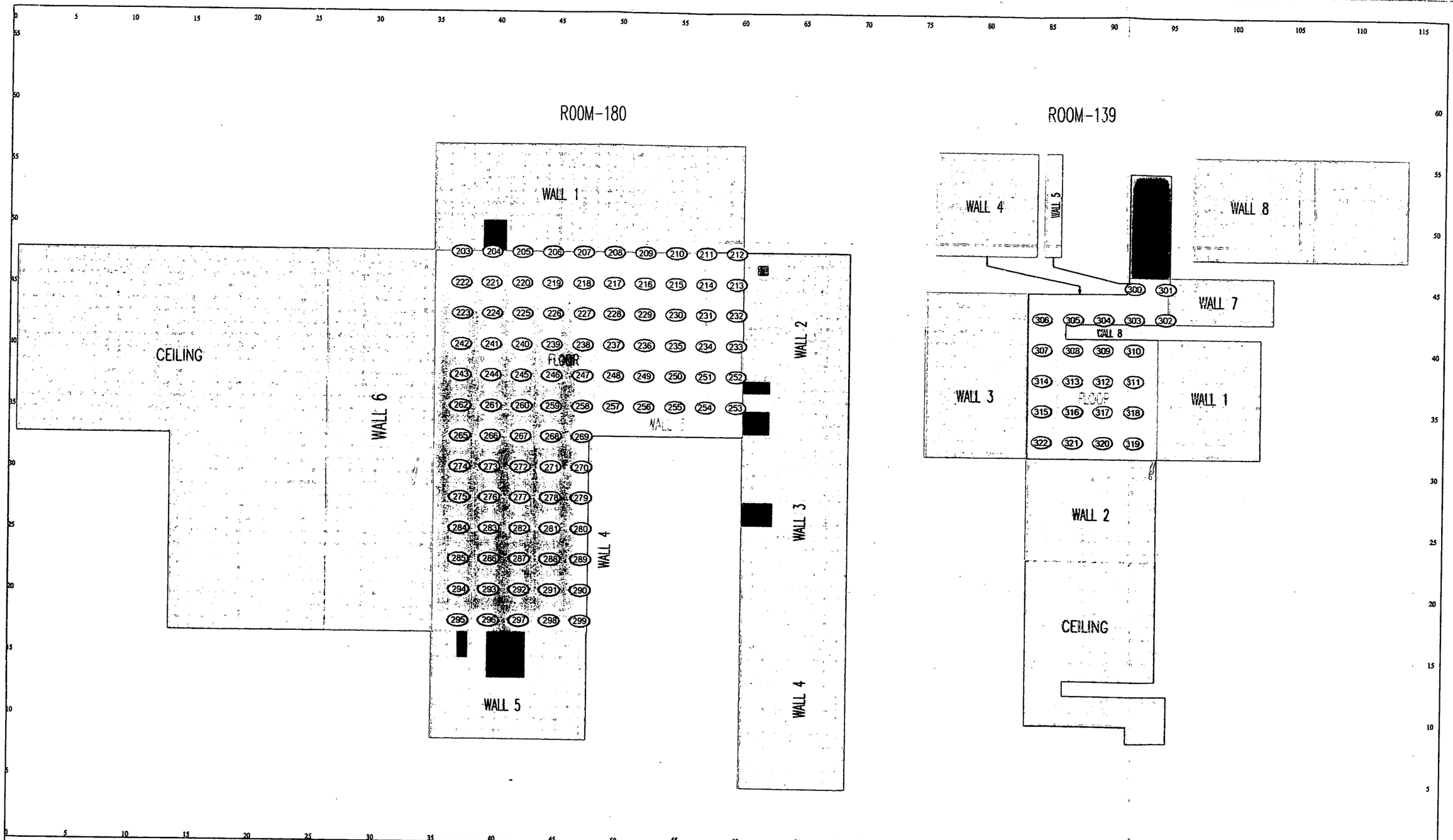

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444201 Classification: 1

Survey Area/Unit Description: Building 444 VIA #2, Floor

Floor Area: 2,806 sq.m Total Area: 2,806 sq.m Grid Spacing for Survey Area: 2.5 m x 2.5 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 INCH 24

0 METERS 8

1 inch = 24 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

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Prepared for: KAISER HILL

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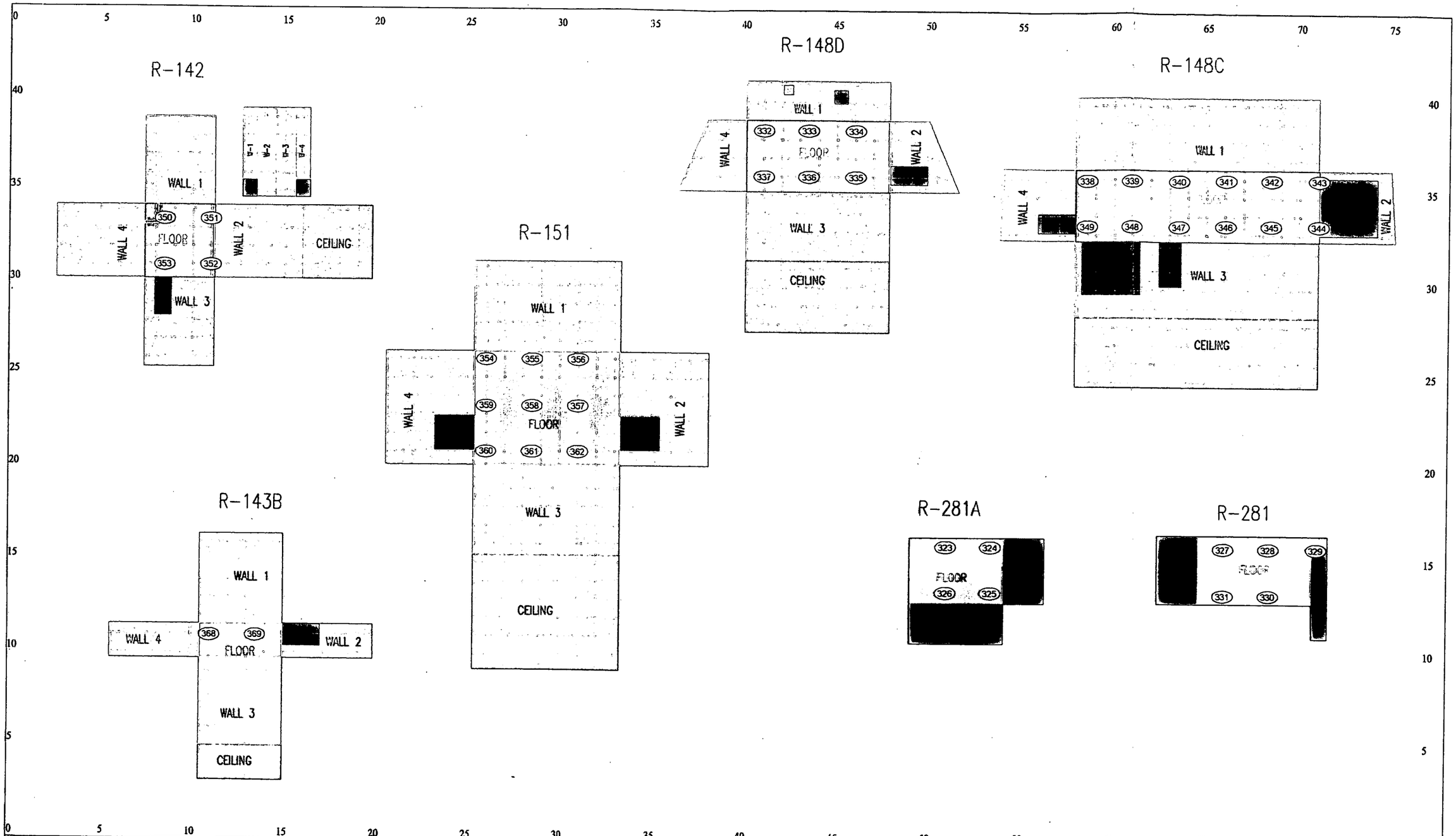

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444201 Classification: 1

Survey Area/Unit Description: Building 444 VIA #2, Floor

Floor Area: 2,806 sq.m Total Area: 2,806 sq.m Grid Spacing for Survey Area: 2.5 m x 2.5 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16

0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
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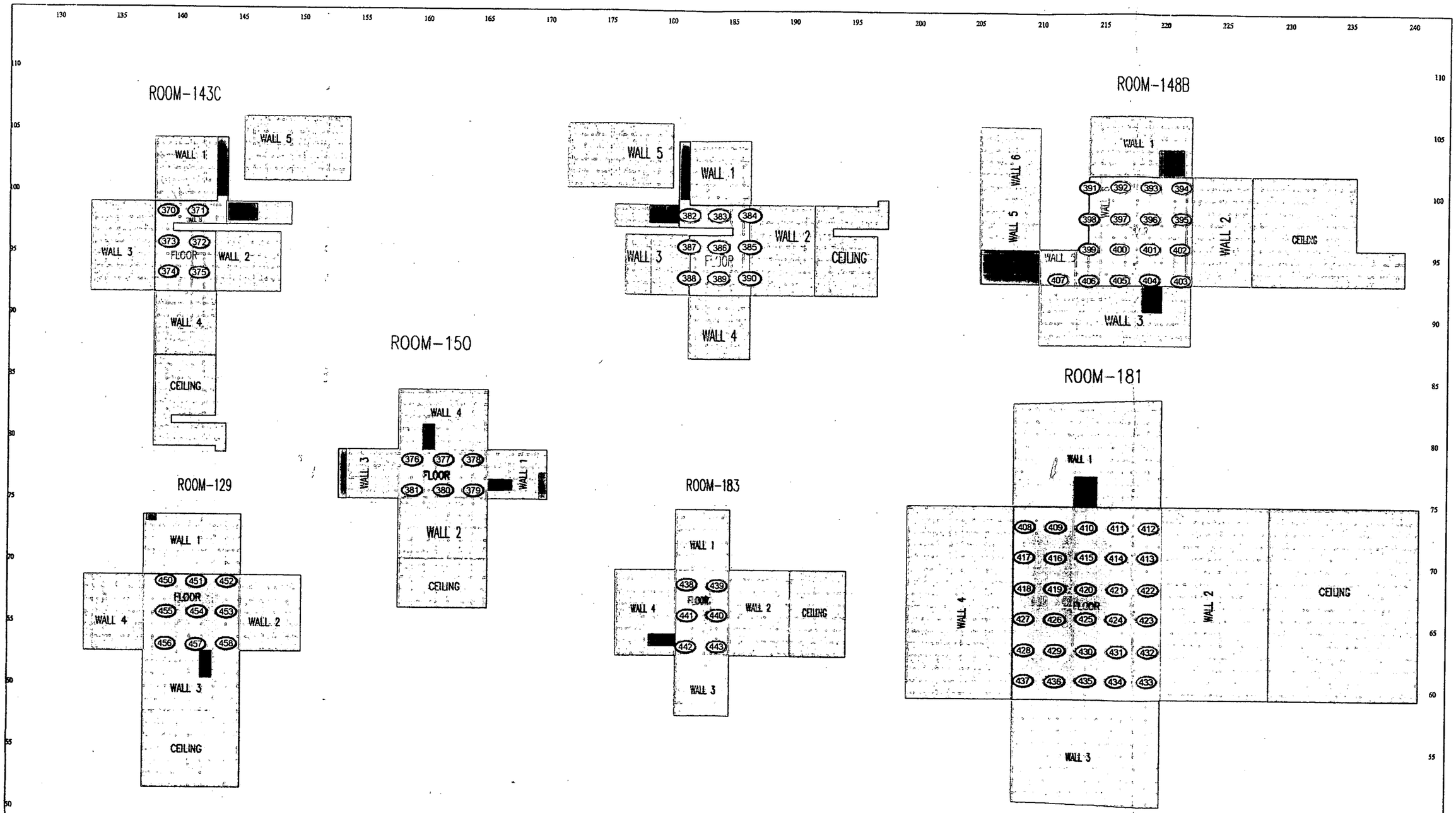

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444201 Classification: 1

Survey Area/Unit Description: Building 444 VIA #2, Floor

Floor Area: 2,806 sq.m Total Area: 2,806 sq.m Grid Spacing for Survey Area: 2.5 m x 2.5 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 24

0 METERS 8

1 inch = 24 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
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Prepared for: KAISER HILL

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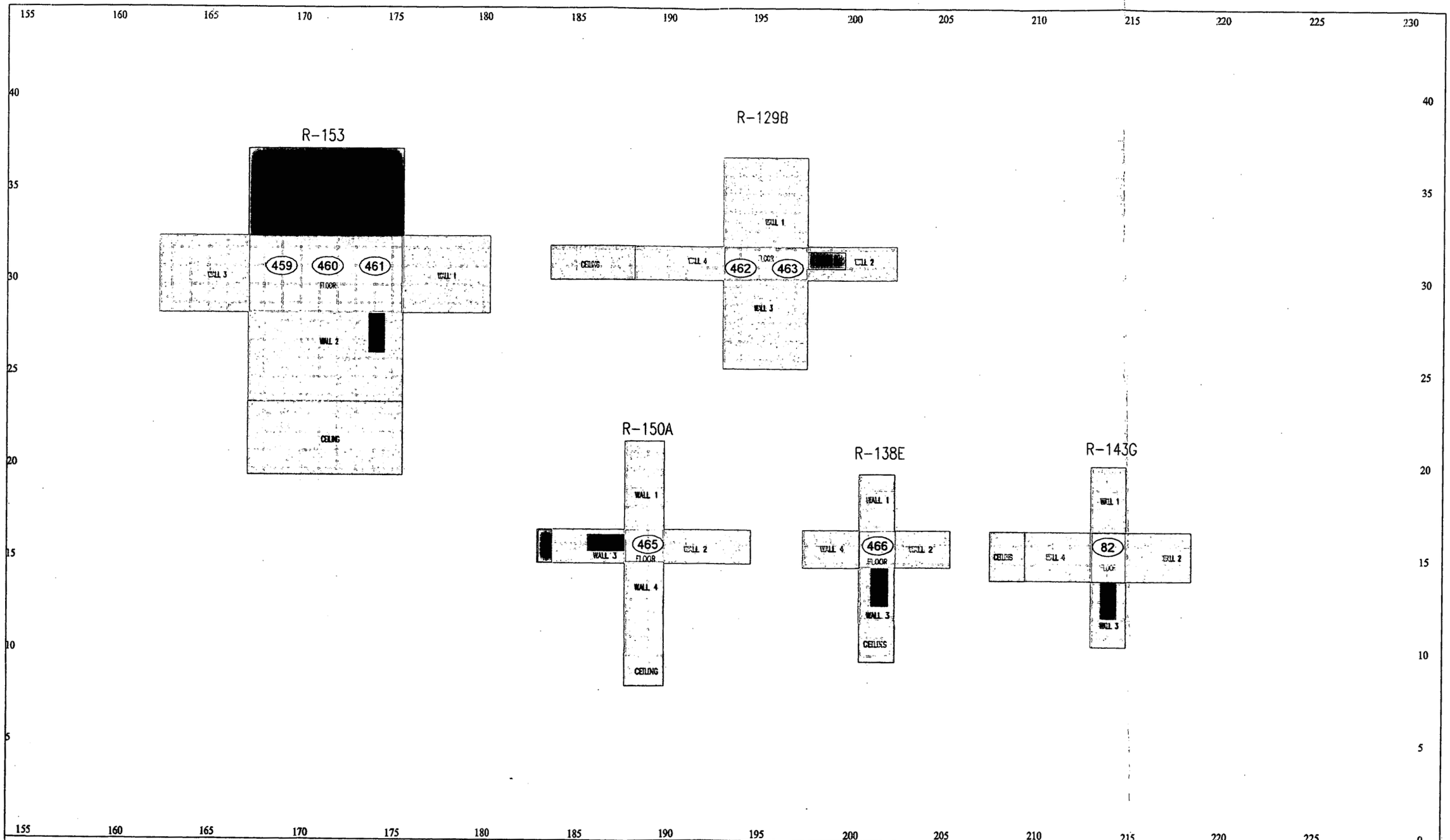

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444201 Classification: 1

Survey Area/Unit Description: Building 444 VIA #2, Floor

Floor Area: 2,806 sq.m Total Area: 2,806 sq.m Grid Spacing for Survey Area: 2.5 m x 2.5 m

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SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16
0 METERS 5

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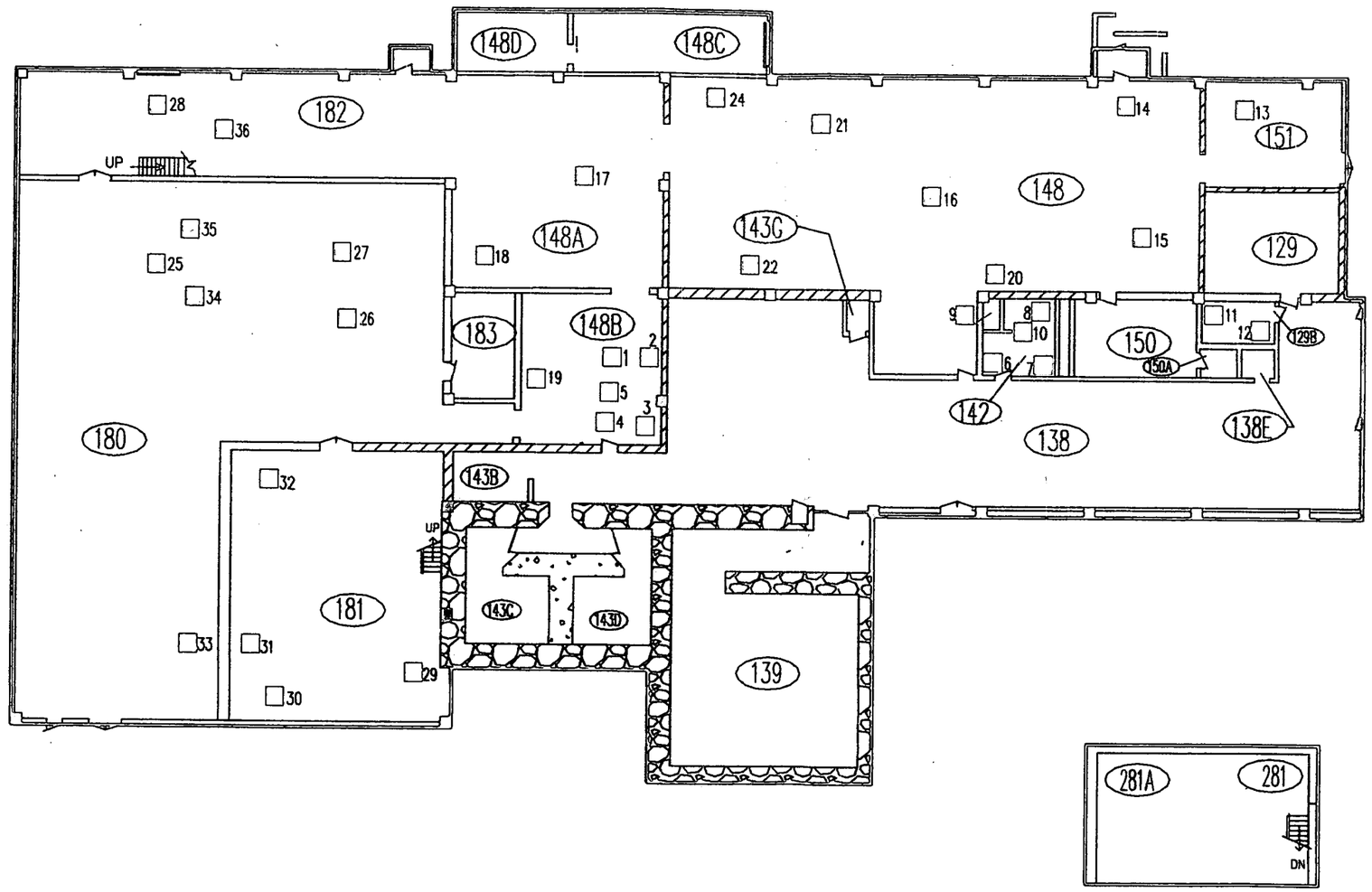
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444201 SHT 06.DWG | Sheet 6 of 6 | Rev: 0



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PRE-DEMOLITION MEDIA SAMPLING MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444201 Classification: 1

Survey Area/Unit Description: Building 444 VIA #2, Floor

Floor Area: 2,806 sq.m Total Area: 2,806 sq.m Date: 10/28/2004

SURVEY POINT LEGEND

○ # Wall Sample Location

□ # Floor Sample Location

⊖ # Ceiling Sample Location

N

0 FEET 24

0 METERS 8

1 inch = 24 feet

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Prepared for: KAISER HILL

File Name: MEDIA 444201 C-1.DWG | Sheet 1 of 1 | Rev: 1

Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 43
Nbr Random Measurements Performed: 57
Nbr Biased Measurements Required: 157
Nbr Biased Measurements Performed: 157
Nbr QC Required: 4
Nbr QC Performed: 4

Beta

Maximum:	2,524.1 dpm/100cm²
Minimum:	-1,330.4 dpm/100cm²
Mean:	471.8 dpm/100cm²
Standard Deviation:	532.2
QC Maximum:	2,096.6 dpm/100cm²
QC Minimum:	723.9 dpm/100cm²
QC Mean:	1,554.6 dpm/100cm²
Uranium DCGLw:	5,000.0 dpm/100cm²
Uranium DCGLEMC:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 43
Nbr Random Measurements Performed: 57
Nbr Biased Measurements Required: 157
Nbr Biased Measurements Performed: 157

Beta

Maximum:	115.0 dpm/100cm²
Minimum:	-108.6 dpm/100cm²
Mean:	4.4 dpm/100cm²
Standard Deviation:	37.4
Uranium DCGLw:	1,000.0

Media Sample Results

Nbr Random Required: 0
Nbr Random Collected: 0
Nbr Biased Required: 157
Nbr Biased Collected: 157

Uranium

Maximum:	2,813 dpm/100cm²
Minimum:	162 dpm/100cm²
Mean:	1,300 dpm/100cm²
Standard Deviation:	995
Uranium DCGLw:	5,000 dpm/100cm²
Uranium DCGLEMC:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGLw:	100 dpm/100cm²
Transuranic DCGLEMC:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
1	512592	10/24/03	Electra	2343	DP-6	01/29/04	NA	0.220	NA	745.0	T
2	512592	10/27/03	Electra	2312	DP-6	03/10/04	NA	0.220	NA	745.0	T
3	510646	10/28/03	Electra	1582	DP-6	04/17/04	NA	0.220	NA	745.0	T
4	511390	10/24/03	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
5	510646	10/28/03	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
6	510646	10/29/03	Electra	3115	DP-6	02/27/04	NA	0.220	NA	745.0	T
7	511390	09/15/04	Electra	3113	DP-6	02/23/05	NA	0.220	NA	745.0	T/S
8	510646	10/31/03	Electra	1582	DP-6	04/17/04	NA	0.220	NA	745.0	T
9	510646	10/31/03	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
10	701418	03/22/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	T
11	712456	03/22/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
12	712456	03/22/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
13	711447	09/15/04	Electra	2344	DP-6	10/27/04	NA	0.220	NA	745.0	S
14	712193	09/15/04	Electra	661	DP-8	03/08/05	NA	0.160	NA	745.0	S
15	712193	09/16/04	Electra	2352	DP-6	11/13/04	NA	0.220	NA	745.0	S
16	511390	09/16/04	Electra	2344	DP-6	10/27/04	NA	0.220	NA	745.0	T/S
17	712193	09/16/04	Electra	661	DP-8	03/08/05	NA	0.160	NA	745.0	S
18	712193	09/16/04	Electra	3113	DP-6	02/23/05	NA	0.220	NA	745.0	Q/S
19	712193	09/16/04	Ludlum 292	99042	NA	10/26/04	NA	0.250	NA	205.0	R
20	701418	01/27/04	Electra	1562	DP-6	01/31/04	NA	0.220	NA	745.0	T
21	700831	09/21/04	Electra	1379	DP-6	02/18/05	NA	0.220	NA	745.0	T/S
22	702058	01/27/04	BC-4	694	NA	10/20/04	NA	0.140	NA	258.0	R
23	702058	01/28/04	Electra	1679	DP-6	06/22/04	NA	0.220	NA	745.0	T
24	702058	01/28/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
25	711447	09/21/04	Electra	290	DP-6	02/18/05	NA	0.220	NA	745.0	T/S
26	712456	01/29/04	BC-4	694	NA	10/20/04	NA	0.140	NA	258.0	R
27	712456	01/29/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
28	712600	01/29/04	Electra	2334	DP-6	04/06/04	NA	0.220	NA	745.0	T
29	712456	01/30/04	BC-4	694	NA	10/20/04	NA	0.140	NA	258.0	R
30	712456	01/30/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
31	712600	01/30/04	Electra	2334	DP-6	04/06/04	NA	0.220	NA	745.0	T
32	712456	02/02/04	BC-4	694	NA	10/20/04	NA	0.140	NA	258.0	R
33	712456	02/02/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
34	712600	02/02/04	Electra	2334	DP-6	04/06/04	NA	0.220	NA	745.0	T

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
35	701418	03/23/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
36	712456	03/23/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
37	712456	03/23/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
38	712193	09/22/04	Electra	661	DP-8	03/18/05	NA	0.160	NA	745.0	S
39	712467	09/22/04	Electra	1379	DP-6	02/18/05	NA	0.220	NA	745.0	T/S
40	711447	09/23/04	Electra	1136	DP-6	02/28/05	NA	0.220	NA	745.0	T/S
41	712193	09/23/04	Electra	2352	DP-6	11/13/04	NA	0.220	NA	745.0	S
42	711447	09/27/04	Electra	1261	DP-6	02/26/05	NA	0.220	NA	745.0	T/S
43	700831	09/27/04	Ludlum 292	99042	NA	10/26/04	NA	0.250	NA	205.0	R
44	511390	09/27/04	Electra	3104	DP-6	03/17/05	NA	0.220	NA	745.0	Q/S

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Comments Sheet

General Comments: 1. RSA and TSA survey points 211, 212, 217, 218, and 224 were removed from this survey package because the area was moved to survey unit 444902.

TSA Comments: N/A

RSA Comments: N/A

Media Comments: 1. Media samples were collected several months prior to PDS as part of in-process characterization to provide project management with timely information as to which painted surfaces would need to be remediated and/or removed and managed as Low-Level Waste. As a result, the following media sample locations were found to be above the unconditional release limits during the Pre sample surveys and thus were not collected. Project Management was given locations and the walls were removed and the waste was managed as low level waste: 160, 161, 162, 164, 165, 166, 167, & 169.
2. The following media samples on these surfaces were removed from the package because the walls were removed: 60, 100, 101, 145, 148, and 171.
3. Media samples (i.e., paint samples) were collected from all non-factory painted surfaces, either during in-process surveys or during the PDS. Since the PDS gridded maps were not completed at the time of the in-process media samples, these in-process media samples were collected at evenly spaced and biased locations throughout all non-factory painted surfaces, in the same density and fashion as if they were PDS gridded and biased locations. Additionally, if there were media sample data gaps discovered during the PDS process, additional media samples were collected at gridded TSA/RSA locations, and biased locations, as necessary. Media samples were not collected or required on bare concrete surfaces or factory painted metal/transite/etc. surfaces. Otherwise, all other painted surfaces were properly characterized per the PDSP requirements. If in-process media samples were collected in areas where the painted surfaces were removed during in-process shaving or scabbling, then these media samples were removed from the data set because they are no longer applicable. Areas on the media maps that do not show media sample locations, are areas where there were no painted surfaces or contained factory painted surfaces. Based on the above discussion, and in-process and PDS media samples collected to date, no further media samples are required to meet PDSP requirements for this survey unit. Both applicable in-process and PDS media samples are reported in this survey unit data summary report, and all media sample data meets PDSP unrestricted release criteria.

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444202PRP-N172	43	N/A	-2.8	N/A
444202PRP-N173	43	N/A	-42.8	N/A
444202PRP-N174	43	N/A	21.2	N/A
444202PRP-N175	43	N/A	1.2	N/A
444202PRP-N176	43	N/A	13.2	N/A
444202PRP-N177	43	N/A	-6.8	N/A
444202PRP-N178	43	N/A	-14.8	N/A
444202PRP-N179	43	N/A	53.2	N/A
444202PRP-N180	43	N/A	37.2	N/A
444202PRP-N181	43	N/A	13.2	N/A
444202PRP-N182	43	N/A	1.2	N/A
444202PRP-N183	43	N/A	-18.8	N/A
444202PRP-N184	43	N/A	13.2	N/A
444202PRP-N185	43	N/A	9.2	N/A
444202PRP-N186	19	N/A	-16.4	N/A
444202PRP-N187	19	N/A	-40.4	N/A
444202PRP-N188	19	N/A	55.6	N/A
444202PRP-N189	19	N/A	39.6	N/A
444202PRP-N190	43	N/A	25.2	N/A
444202PRP-N191	43	N/A	9.2	N/A
444202PRP-N192	43	N/A	-26.8	N/A
444202PRP-N193	19	N/A	-16.4	N/A
444202PRP-N194	19	N/A	-0.4	N/A
444202PRP-N195	19	N/A	11.6	N/A
444202PRP-N196	19	N/A	7.6	N/A
444202PRP-N197	19	N/A	51.6	N/A
444202PRP-N198	19	N/A	3.6	N/A
444202PRP-N199	19	N/A	-56.4	N/A
444202PRP-N200	43	N/A	13.2	N/A

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444202PRP-N201	43	N/A	-18.8	N/A
444202PRP-N202	43	N/A	9.2	N/A
444202PRP-N203	43	N/A	-30.8	N/A
444202PRP-N204	43	N/A	-6.8	N/A
444202PRP-N205	43	N/A	53.2	N/A
444202PRP-N206	43	N/A	9.2	N/A
444202PRP-N207	43	N/A	-18.8	N/A
444202PRP-N208	19	N/A	-40.4	N/A
444202PRP-N209	19	N/A	11.6	N/A
444202PRP-N210	19	N/A	-4.4	N/A
444202PRP-N213	43	N/A	-46.8	N/A
444202PRP-N214	43	N/A	13.2	N/A
444202PRP-N215	43	N/A	53.2	N/A
444202PRP-N216	43	N/A	49.2	N/A
444202PRP-N219	43	N/A	25.2	N/A
444202PRP-N220	43	N/A	33.2	N/A
444202PRP-N221	43	N/A	-6.8	N/A
444202PRP-N222	43	N/A	-10.8	N/A
444202PRP-N223	43	N/A	-38.8	N/A
444202PRP-N225	43	N/A	-58.8	N/A
444202PRP-N226	43	N/A	-18.8	N/A
444202PRP-N227	43	N/A	1.2	N/A
444202PRP-N228	43	N/A	13.2	N/A
444202PRP-N229	43	N/A	25.2	N/A
444202PRP-N230	43	N/A	45.2	N/A
444202PRP-N231	43	N/A	13.2	N/A
444202PRP-N232	43	N/A	45.2	N/A
444202PRP-N233	43	N/A	9.2	N/A

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444202PBP-N001	22	N/A	-49.3	22	N/A	-35.6
444202PBP-N002	22	N/A	-13.5	22	N/A	12.4
444202PBP-N003	22	N/A	107.9	22	N/A	32.4
444202PBP-N004	22	N/A	43.6	22	N/A	44.4
444202PBP-N005	22	N/A	-35.0	22	N/A	56.4
444202PBP-N006	22	N/A	22.2	22	N/A	12.4
444202PBP-N007	22	N/A	-13.5	22	N/A	-19.6
444202PBP-N008	22	N/A	0.7	22	N/A	-31.6
444202PBP-N009	22	N/A	115.0	22	N/A	56.4
444202PBP-N010	22	N/A	7.9	22	N/A	72.4
444202PBP-N011	22	N/A	-6.4	22	N/A	36.4
444202PBP-N012	22	N/A	-20.7	22	N/A	0.4
444202PBP-N013	22	N/A	115.0	22	N/A	36.4
444202PBP-N014	22	N/A	79.3	22	N/A	68.4
444202PBP-N015	22	N/A	29.3	22	N/A	-7.6
444202PBP-N016	22	N/A	43.6	22	N/A	8.4
444202PBP-N017	22	N/A	36.5	22	N/A	16.4
444202PBP-N018	22	N/A	-6.4	22	N/A	-27.6
444202PBP-N019	22	N/A	-42.1	22	N/A	28.4
444202PBP-N020	22	N/A	107.9	22	N/A	-7.6
444202PBP-N021	22	N/A	-42.1	22	N/A	-3.6
444202PBP-N022	22	N/A	65.0	22	N/A	16.4
444202PBP-N023	22	N/A	43.6	22	N/A	48.4
444202PBP-N024	22	N/A	22.2	22	N/A	64.4
444202PBP-N025	22	N/A	93.6	22	N/A	56.4
444202PBP-N026	24	N/A	-44.3	24	N/A	-16.8
444202PBP-N027	24	N/A	-65.7	24	N/A	-16.8

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444202PBP-N028	24	N/A	-58.6	24	N/A	-0.8
444202PBP-N029	24	N/A	-108.6	24	N/A	47.2
444202PBP-N030	24	N/A	91.4	24	N/A	7.2
444202PBP-N031	24	N/A	-44.3	24	N/A	15.2
444202PBP-N032	24	N/A	41.4	24	N/A	11.2
444202PBP-N033	5	N/A	-40.0	5	N/A	-14.4
444202PBP-N034	5	N/A	74.3	5	N/A	25.6
444202PBP-N035	5	N/A	60.0	5	N/A	-14.4
444202PBP-N036	5	N/A	-4.3	5	N/A	-14.4
444202PBP-N037	24	N/A	-1.4	24	N/A	3.2
444202PBP-N038	24	N/A	-8.6	24	N/A	-16.8
444202PBP-N039	5	N/A	-25.7	5	N/A	-26.4
444202PBP-N040	24	N/A	-65.7	24	N/A	11.2
444202PBP-N041	24	N/A	-44.3	24	N/A	-12.8
444202PBP-N042	24	N/A	-8.6	24	N/A	23.2
444202PBP-N043	5	N/A	31.4	5	N/A	45.6
444202PBP-N044	5	N/A	-18.6	5	N/A	33.6
444202PBP-N045	5	N/A	95.7	5	N/A	-22.4
444202PBP-N046	5	N/A	-11.4	5	N/A	49.6
444202PBP-N047	5	N/A	67.1	5	N/A	45.6
444202PBP-N048	5	N/A	31.4	5	N/A	5.6
444202PBP-N049	9	N/A	-33.6	9	N/A	-6.8
444202PBP-N050	9	N/A	-19.3	9	N/A	-70.8
444202PBP-N051	9	N/A	-40.7	9	N/A	-50.8
444202PBP-N052	9	N/A	30.7	9	N/A	-26.8
444202PBP-N053	9	N/A	-69.3	9	N/A	-42.8
444202PBP-N054	9	N/A	-47.9	9	N/A	-22.8

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444202PBP-N055	24	N/A	-58.6	24	N/A	-20.8
444202PBP-N056	24	N/A	20.0	24	N/A	-28.8
444202PBP-N057	24	N/A	70.0	24	N/A	39.2
444202PBP-N058	24	N/A	77.1	24	N/A	23.2
444202PBP-N059	24	N/A	98.6	24	N/A	27.2
444202PBP-N061	24	N/A	-22.9	24	N/A	-4.8
444202PBP-N062	24	N/A	48.6	24	N/A	-4.8
444202PBP-N063	24	N/A	70.0	24	N/A	23.2
444202PBP-N064	24	N/A	-22.9	24	N/A	-12.8
444202PBP-N065	24	N/A	48.6	24	N/A	67.2
444202PBP-N066	24	N/A	-44.3	24	N/A	-8.8
444202PBP-N067	24	N/A	-22.9	24	N/A	-16.8
444202PBP-N068	36	N/A	-13.6	36	N/A	12.4
444202PBP-N069	37	N/A	-7.8	37	N/A	-16.4
444202PBP-N070	36	N/A	-63.6	36	N/A	4.4
444202PBP-N071	37	N/A	27.9	37	N/A	-32.4
444202PBP-N072	36	N/A	7.9	36	N/A	44.4
444202PBP-N073	27	N/A	-27.9	27	N/A	-43.6
444202PBP-N074	26	N/A	105.0	26	N/A	10.8
444202PBP-N075	27	N/A	29.3	27	N/A	44.4
444202PBP-N076	26	N/A	19.3	26	N/A	-5.2
444202PBP-N077	27	N/A	22.1	27	N/A	-7.6
444202PBP-N078	26	N/A	69.3	26	N/A	38.8
444202PBP-N079	27	N/A	22.1	27	N/A	16.4
444202PBP-N080	26	N/A	90.8	26	N/A	42.8
444202PBP-N081	27	N/A	15.0	27	N/A	-43.6
444202PBP-N082	26	N/A	83.6	26	N/A	10.8

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444202PBP-N083	27	N/A	36.4	27	N/A	12.4
444202PBP-N084	26	N/A	19.3	26	N/A	14.8
444202PBP-N085	27	N/A	-6.4	27	N/A	16.4
444202PBP-N086	26	N/A	19.3	26	N/A	-9.2
444202PBP-N087	27	N/A	36.4	27	N/A	16.4
444202PBP-N088	26	N/A	19.3	26	N/A	-5.2
444202PBP-N089	27	N/A	-85.0	27	N/A	4.4
444202PBP-N090	29	N/A	16.4	29	N/A	5.2
444202PBP-N091	30	N/A	45.0	30	N/A	17.2
444202PBP-N092	29	N/A	-5.0	29	N/A	41.2
444202PBP-N093	30	N/A	9.3	30	N/A	-6.8
444202PBP-N094	29	N/A	-5.0	29	N/A	21.2
444202PBP-N095	30	N/A	16.4	30	N/A	-10.8
444202PBP-N096	29	N/A	37.9	29	N/A	-22.8
444202PBP-N097	30	N/A	-62.1	30	N/A	5.2
444202PBP-N098	29	N/A	73.6	29	N/A	53.2
444202PBP-N099	30	N/A	-47.8	30	N/A	49.2
444202PBP-N102	29	N/A	-5.0	29	N/A	5.2
444202PBP-N103	30	N/A	-69.3	30	N/A	-38.8
444202PBP-N104	29	N/A	-26.4	29	N/A	17.2
444202PBP-N105	30	N/A	-40.7	30	N/A	5.2
444202PBP-N106	29	N/A	-12.1	29	N/A	-30.8
444202PBP-N107	30	N/A	-19.3	30	N/A	25.2
444202PBP-N108	29	N/A	2.1	29	N/A	33.2
444202PBP-N109	30	N/A	45.0	30	N/A	-18.8
444202PBP-N110	29	N/A	-12.1	29	N/A	13.2
444202PBP-N111	30	N/A	-5.0	30	N/A	5.2

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444202PBP-N112	29	N/A	73.6	29	N/A	13.2
444202PBP-N113	30	N/A	-19.3	30	N/A	5.2
444202PBP-N114	29	N/A	16.4	29	N/A	-46.8
444202PBP-N115	30	N/A	-12.1	30	N/A	-62.8
444202PBP-N116	32	N/A	0.7	32	N/A	36.4
444202PBP-N117	33	N/A	-52.2	33	N/A	-21.2
444202PBP-N118	32	N/A	-13.5	32	N/A	-15.6
444202PBP-N119	33	N/A	5.0	33	N/A	-13.2
444202PBP-N120	32	N/A	-6.4	32	N/A	28.4
444202PBP-N121	33	N/A	-9.3	33	N/A	-73.2
444202PBP-N122	37	N/A	-79.3	37	N/A	27.6
444202PBP-N123	36	N/A	-63.6	36	N/A	-27.6
444202PBP-N124	37	N/A	27.9	37	N/A	11.6
444202PBP-N125	36	N/A	79.3	36	N/A	-3.6
444202PBP-N126	37	N/A	-0.7	37	N/A	-24.4
444202PBP-N127	33	N/A	-66.4	33	N/A	-33.2
444202PBP-N128	32	N/A	7.9	32	N/A	-11.6
444202PBP-N129	33	N/A	-16.4	33	N/A	-13.2
444202PBP-N130	32	N/A	22.2	32	N/A	0.4
444202PBP-N131	33	N/A	-16.4	33	N/A	6.8
444202PBP-N132	32	N/A	29.3	32	N/A	48.4
444202PBP-N133	33	N/A	-23.6	33	N/A	2.8
444202PBP-N134	32	N/A	-70.7	32	N/A	20.4
444202PBP-N135	33	N/A	-23.6	33	N/A	-41.2
444202PBP-N136	36	N/A	-13.6	36	N/A	32.4
444202PBP-N137	37	N/A	-65.0	37	N/A	-8.4
444202PBP-N138	36	N/A	0.7	36	N/A	-3.6

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444202PBP-N139	37	N/A	13.6	37	N/A	-12.4
444202PBP-N140	36	N/A	15.0	36	N/A	4.4
444202PBP-N141	4	N/A	-47.9	4	N/A	37.2
444202PBP-N142	4	N/A	-90.7	4	N/A	13.2
444202PBP-N143	4	N/A	-26.4	4	N/A	9.2
444202PBP-N144	4	N/A	9.3	4	N/A	33.2
444202PBP-N146	4	N/A	23.6	4	N/A	-2.8
444202PBP-N147	11	N/A	17.1	11	N/A	17.6
444202PBP-N149	12	N/A	-12.8	12	N/A	20.8
444202PBP-N150	11	N/A	24.2	11	N/A	-46.4
444202PBP-N151	12	N/A	-20.0	12	N/A	12.8
444202PBP-N152	11	N/A	-47.2	11	N/A	-2.4
444202PBP-N153	12	N/A	-5.7	12	N/A	-27.2
444202PBP-N154	11	N/A	-40.0	11	N/A	-38.4
444202PBP-N155	5	N/A	17.1	5	N/A	9.6
444202PBP-N156	5	N/A	31.4	5	N/A	-10.4
444202PBP-N157	5	N/A	-4.3	5	N/A	-10.4
444202PBP-N158	12	N/A	-12.8	12	N/A	-23.2
444202PBP-N159	4	N/A	2.1	4	N/A	9.2
444202PBP-N163	4	N/A	-5.0	4	N/A	21.2
444202PBP-N168	5	N/A	10.0	5	N/A	-10.4
444202PBP-N170	5	N/A	52.8	5	N/A	-2.4

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444202PRP-N172	42	N/A	991.4	N/A
444202PRP-N173	42	N/A	1,164.1	N/A
444202PRP-N174	42	N/A	1,495.9	N/A
444202PRP-N175	42	N/A	1,541.4	N/A
444202PRP-N176	42	N/A	1,232.3	N/A
444202PRP-N177	42	N/A	1,550.5	N/A
444202PRP-N178	42	N/A	1,759.5	N/A
444202PRP-N179	42	N/A	1,532.3	N/A
444202PRP-N180	21	N/A	1,600.5	N/A
444202PRP-N181	25	N/A	1,645.9	N/A
444202PRP-N182	21	N/A	1,423.2	N/A
444202PRP-N183	25	N/A	1,432.3	N/A
444202PRP-N184	21	N/A	1,055.0	N/A
444202PRP-N185	25	N/A	705.0	N/A
444202PRP-N186	16	N/A	-231.4	N/A
444202PRP-N187	16	N/A	-67.7	N/A
444202PRP-N188	16	N/A	-172.3	N/A
444202PRP-N189	16	N/A	968.6	N/A
444202QRP-N189	18	N/A	1,473.9	N/A
444202PRP-N190	39	N/A	118.6	N/A
444202PRP-N191	39	N/A	-113.2	N/A
444202PRP-N192	39	N/A	-767.7	N/A
444202PRP-N193	7	N/A	155.0	N/A
444202PRP-N194	7	N/A	-81.4	N/A
444202PRP-N195	7	N/A	-117.7	N/A
444202PRP-N196	7	N/A	-254.1	N/A
444202PRP-N197	7	N/A	223.2	N/A

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444202QRP-N197	18	N/A	723.9	N/A
444202PRP-N198	7	N/A	-613.2	N/A
444202PRP-N199	7	N/A	-308.6	N/A
444202PRP-N200	42	N/A	1,014.1	N/A
444202PRP-N201	42	N/A	1,118.6	N/A
444202PRP-N202	42	N/A	1,036.8	N/A
444202PRP-N203	42	N/A	1,045.9	N/A
444202PRP-N204	42	N/A	1,323.2	N/A
444202PRP-N205	39	N/A	1,609.5	N/A
444202PRP-N206	42	N/A	-54.1	N/A
444202PRP-N207	42	N/A	-54.1	N/A
444202PRP-N208	7	N/A	-454.1	N/A
444202PRP-N209	7	N/A	195.9	N/A
444202PRP-N210	7	N/A	-535.9	N/A
444202PRP-N213	42	N/A	241.4	N/A
444202PRP-N214	42	N/A	750.5	N/A
444202PRP-N215	40	N/A	1,409.5	N/A
444202PRP-N216	40	N/A	1,259.5	N/A
444202PRP-N219	39	N/A	1,509.5	N/A
444202PRP-N220	39	N/A	1,627.7	N/A
444202PRP-N221	42	N/A	1,368.6	N/A
444202PRP-N222	42	N/A	1,745.9	N/A
444202PRP-N223	42	N/A	1,950.5	N/A
444202QRP-N223	44	N/A	2,096.6	N/A
444202PRP-N225	39	N/A	1,559.5	N/A
444202QRP-N225	44	N/A	1,923.9	N/A
444202PRP-N226	42	N/A	923.2	N/A

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444202PRP-N227	39	N/A	1,355.0	N/A
444202PRP-N228	42	N/A	573.2	N/A
444202PRP-N229	42	N/A	864.1	N/A
444202PRP-N230	42	N/A	1,245.9	N/A
444202PRP-N231	42	N/A	709.5	N/A
444202PRP-N232	42	N/A	1,150.5	N/A
444202PRP-N233	42	N/A	977.7	N/A

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444202PBP-N001	20	N/A	701.4	20	N/A	931.1
444202PBP-N002	20	N/A	1,024.1	20	N/A	346.1
444202PBP-N003	20	N/A	1,169.6	20	N/A	699.1
444202PBP-N004	20	N/A	869.6	20	N/A	663.1
444202PBP-N005	20	N/A	1,596.9	20	N/A	512.8
444202PBP-N006	20	N/A	683.2	20	N/A	199.1
444202PBP-N007	20	N/A	1,210.5	20	N/A	382.1
444202PBP-N008	20	N/A	1,619.6	20	N/A	480.1
444202PBP-N009	20	N/A	1,246.9	20	N/A	516.1
444202PBP-N010	20	N/A	1,783.2	20	N/A	957.2
444202PBP-N011	20	N/A	1,551.4	20	N/A	689.3
444202PBP-N012	20	N/A	1,451.4	20	N/A	480.1
444202PBP-N013	20	N/A	769.6	20	N/A	738.3
444202PBP-N014	20	N/A	851.4	20	N/A	754.6
444202PBP-N015	20	N/A	683.2	20	N/A	725.2
444202PBP-N016	20	N/A	2,524.1	20	N/A	1,143.5
444202PBP-N017	20	N/A	733.2	20	N/A	235.0
444202PBP-N018	20	N/A	274.1	20	N/A	503.0
444202PBP-N019	20	N/A	1,296.9	20	N/A	797.1
444202PBP-N020	20	N/A	1,319.6	20	N/A	921.3
444202PBP-N021	20	N/A	1,260.5	20	N/A	1,228.5
444202PBP-N022	20	N/A	1,124.1	20	N/A	1,251.4
444202PBP-N023	20	N/A	1,396.9	20	N/A	1,261.2
444202PBP-N024	20	N/A	1,415.0	20	N/A	395.1
444202PBP-N025	20	N/A	1,278.7	20	N/A	519.3
444202PBP-N026	23	N/A	360.5	23	N/A	816.1
444202PBP-N027	23	N/A	274.1	23	N/A	633.1

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444202PBP-N028	23	N/A	733.2	23	N/A	768.8
444202PBP-N029	23	N/A	1,006.0	23	N/A	68.4
444202PBP-N030	23	N/A	851.4	23	N/A	630.0
444202PBP-N031	23	N/A	1,183.2	23	N/A	674.1
444202PBP-N032	23	N/A	1,510.5	23	N/A	661.5
444202PBP-N033	6	N/A	583.2	6	N/A	625.9
444202PBP-N034	6	N/A	783.2	6	N/A	862.5
444202PBP-N035	6	N/A	506.0	6	N/A	432.5
444202PBP-N036	6	N/A	487.8	6	N/A	685.9
444202PBP-N037	23	N/A	646.9	23	N/A	308.2
444202PBP-N038	23	N/A	1,033.2	23	N/A	295.6
444202PBP-N039	6	N/A	160.5	6	N/A	375.9
444202PBP-N040	23	N/A	1,028.7	23	N/A	500.6
444202PBP-N041	23	N/A	292.3	23	N/A	614.2
444202PBP-N042	23	N/A	551.4	23	N/A	664.7
444202PBP-N043	6	N/A	433.2	6	N/A	495.9
444202PBP-N044	6	N/A	951.4	6	N/A	755.9
444202PBP-N045	6	N/A	360.5	6	N/A	619.2
444202PBP-N046	6	N/A	642.3	6	N/A	599.2
444202PBP-N047	6	N/A	869.6	6	N/A	632.5
444202PBP-N048	6	N/A	592.3	6	N/A	655.9
444202PBP-N049	8	N/A	-94.0	8	N/A	388.4
444202PBP-N050	8	N/A	456.0	8	N/A	585.2
444202PBP-N051	8	N/A	687.8	8	N/A	250.9
444202PBP-N052	8	N/A	519.6	8	N/A	438.4
444202PBP-N053	8	N/A	501.4	8	N/A	75.9
444202PBP-N054	8	N/A	415.0	8	N/A	388.4

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444202PBP-N055	23	N/A	442.3	23	N/A	96.8
444202PBP-N056	23	N/A	274.1	23	N/A	478.5
444202PBP-N057	23	N/A	187.8	23	N/A	200.9
444202PBP-N058	23	N/A	1,024.1	23	N/A	96.8
444202PBP-N059	23	N/A	496.9	23	N/A	519.6
444202PBP-N061	23	N/A	360.5	23	N/A	759.3
444202PBP-N062	23	N/A	392.3	23	N/A	592.1
444202PBP-N063	23	N/A	610.5	23	N/A	409.1
444202PBP-N064	23	N/A	819.6	23	N/A	33.7
444202PBP-N065	23	N/A	374.1	23	N/A	601.6
444202PBP-N066	23	N/A	1,028.7	23	N/A	-130.3
444202PBP-N067	23	N/A	360.5	23	N/A	478.5
444202PBP-N068	35	N/A	-185.0	35	N/A	509.6
444202PBP-N069	35	N/A	260.5	35	N/A	688.7
444202PBP-N070	35	N/A	-135.0	35	N/A	164.3
444202PBP-N071	35	N/A	-375.9	35	N/A	288.1
444202PBP-N072	35	N/A	-185.0	35	N/A	180.6
444202PBP-N073	28	N/A	-357.7	28	N/A	591.6
444202PBP-N074	28	N/A	-289.5	28	N/A	259.4
444202PBP-N075	28	N/A	1.4	28	N/A	581.2
444202PBP-N076	28	N/A	360.5	28	N/A	778.5
444202PBP-N077	28	N/A	-271.3	28	N/A	276.7
444202PBP-N078	28	N/A	-316.8	28	N/A	522.4
444202PBP-N079	28	N/A	751.4	28	N/A	792.3
444202PBP-N080	28	N/A	-85.0	28	N/A	432.4
444202PBP-N081	28	N/A	60.5	28	N/A	356.3
444202PBP-N082	28	N/A	101.4	28	N/A	-7.0

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444202PBP-N083	28	N/A	51.4	28	N/A	522.4
444202PBP-N084	28	N/A	142.3	28	N/A	242.1
444202PBP-N085	28	N/A	219.6	28	N/A	785.4
444202PBP-N086	28	N/A	-180.4	28	N/A	477.4
444202PBP-N087	28	N/A	-3.1	28	N/A	705.8
444202PBP-N088	28	N/A	119.6	28	N/A	3.4
444202PBP-N089	28	N/A	-185.0	28	N/A	172.9
444202PBP-N090	31	N/A	-239.5	31	N/A	259.4
444202PBP-N091	31	N/A	478.7	31	N/A	252.5
444202PBP-N092	31	N/A	837.8	31	N/A	356.3
444202PBP-N093	31	N/A	78.7	31	N/A	304.4
444202PBP-N094	31	N/A	201.4	31	N/A	463.6
444202PBP-N095	31	N/A	160.5	31	N/A	224.8
444202PBP-N096	31	N/A	-203.1	31	N/A	1,172.9
444202PBP-N097	31	N/A	-448.6	31	N/A	595.1
444202PBP-N098	31	N/A	615.0	31	N/A	-7.0
444202PBP-N099	31	N/A	-389.5	31	N/A	-20.9
444202PBP-N102	31	N/A	69.6	31	N/A	176.4
444202PBP-N103	31	N/A	-35.0	31	N/A	186.8
444202PBP-N104	31	N/A	110.5	31	N/A	467.0
444202PBP-N105	31	N/A	-425.9	31	N/A	332.1
444202PBP-N106	31	N/A	-289.5	31	N/A	757.7
444202PBP-N107	31	N/A	33.2	31	N/A	217.9
444202PBP-N108	31	N/A	-307.7	31	N/A	-48.5
444202PBP-N109	31	N/A	274.1	31	N/A	224.8
444202PBP-N110	31	N/A	256.0	31	N/A	134.9
444202PBP-N111	31	N/A	-271.3	31	N/A	570.8

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444202PBP-N112	31	N/A	256.0	31	N/A	148.7
444202PBP-N113	31	N/A	256.0	31	N/A	577.8
444202PBP-N114	31	N/A	19.6	31	N/A	200.6
444202PBP-N115	31	N/A	187.8	31	N/A	608.9
444202PBP-N116	34	N/A	51.4	34	N/A	719.6
444202PBP-N117	34	N/A	-85.0	34	N/A	138.3
444202PBP-N118	34	N/A	237.8	34	N/A	460.1
444202PBP-N119	34	N/A	-239.5	34	N/A	909.9
444202PBP-N120	34	N/A	19.6	34	N/A	615.8
444202PBP-N121	34	N/A	87.8	34	N/A	477.4
444202PBP-N122	35	N/A	-153.1	35	N/A	151.3
444202PBP-N123	35	N/A	887.8	35	N/A	359.7
444202PBP-N124	35	N/A	1,010.5	35	N/A	336.9
444202PBP-N125	35	N/A	428.7	35	N/A	350.0
444202PBP-N126	35	N/A	833.2	35	N/A	288.1
444202PBP-N127	34	N/A	-221.3	34	N/A	550.1
444202PBP-N128	34	N/A	274.1	34	N/A	518.9
444202PBP-N129	34	N/A	19.6	34	N/A	788.8
444202PBP-N130	34	N/A	237.8	34	N/A	-13.9
444202PBP-N131	34	N/A	565.0	34	N/A	608.9
444202PBP-N132	34	N/A	274.1	34	N/A	826.9
444202PBP-N133	34	N/A	-157.7	34	N/A	574.3
444202PBP-N134	34	N/A	-85.0	34	N/A	207.5
444202PBP-N135	34	N/A	306.0	34	N/A	394.4
444202PBP-N136	35	N/A	574.1	35	N/A	402.1
444202PBP-N137	35	N/A	665.0	35	N/A	490.0
444202PBP-N138	35	N/A	428.7	35	N/A	555.2

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444202PBP-N139	35	N/A	496.9	35	N/A	434.7
444202PBP-N140	35	N/A	628.7	35	N/A	480.3
444202PBP-N141	1	N/A	60.5	1	N/A	550.3
444202PBP-N142	1	N/A	6.0	1	N/A	282.0
444202PBP-N143	1	N/A	-221.3	1	N/A	487.5
444202PBP-N144	1	N/A	687.8	1	N/A	689.6
444202PBP-N146	1	N/A	478.7	1	N/A	484.0
444202PBP-N147	10	N/A	228.7	10	N/A	-754.3
444202PBP-N149	10	N/A	110.5	10	N/A	-493.7
444202PBP-N150	10	N/A	-544.0	10	N/A	-213.6
444202PBP-N151	10	N/A	-135.0	10	N/A	-493.7
444202PBP-N152	10	N/A	1,228.7	10	N/A	30.7
444202PBP-N153	10	N/A	-171.3	10	N/A	470.5
444202PBP-N154	10	N/A	-389.5	10	N/A	79.6
444202PBP-N155	3	N/A	274.1	3	N/A	266.5
444202PBP-N156	3	N/A	-603.1	3	N/A	132.1
444202PBP-N157	3	N/A	360.5	3	N/A	35.2
444202PBP-N158	10	N/A	-1,330.4	10	N/A	-591.4
444202PBP-N159	1	N/A	-257.7	1	N/A	-132.7
444202PBP-N163	1	N/A	87.8	1	N/A	306.3
444202PBP-N168	2	N/A	-35.0	2	N/A	334.4
444202PBP-N170	2	N/A	-430.4	2	N/A	407.0

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Media Samples Data Sheet

Site Sample ID / Nbr Description	Nuclide	Sample (pCi/g)	Sample MDA (pCi/g)	Weight (g)	Surface Area (in²)	Sample Nuclide (dpm/100cm²)	Sample Nuclide MDA (dpm/100cm²)	Sample Total (dpm/100cm²)	
04S0046-055.001 1 33, 141-144, 146, 159-170	U234	0.5620	0.3620	422.50	24.5	334	215		
	U235	0.0380	0.0415			23	25	Uranium	rev.1
	U238	0.5620	0.3620			334	215	690	
	Pu239/240	NA	NA			NA	NA	Transuranic	
	Am241	NA	NA			NA	NA	NA	
04S0155-027.001 3 90-99 and 102-115	U234	1.2300	0.4540	767.30	24.5	1,326	489		
	U235	0.1500	0.0486			162	52	Uranium	
	U238	1.2300	0.4540			1,326	489	2,813	
	Pu239/240	NA	NA			NA	NA	Transuranic	
	Am241	NA	NA			NA	NA	NA	
04S0156-023.001 4 116-121, 127-135	U234	1.0100	0.4240	529.70	24.5	751	315		
	U235	0.0960	0.0453			71	34	Uranium	
	U238	1.0100	0.4240			751	315	1,574	
	Pu239/240	NA	NA			NA	NA	Transuranic	
	Am241	NA	NA			NA	NA	NA	
04S0046-056.001 5 34-36, 39, 43-54, 155-157	U234	0.5530	0.4530	323.00	24.5	251	206		
	U235	0.0505	0.0659			23	30	Uranium	
	U238	0.5530	0.4530			251	206	525	
	Pu239/240	NA	NA			NA	NA	Transuranic	
	Am241	NA	NA			NA	NA	NA	
04S0159-026-001 6 1-25	U234	0.9440	0.4380	851.30	24.5	1,129	524		
	U235	0.1480	0.0453			177	54	Uranium	
	U238	0.9440	0.4380			1,129	524	2,434	rev.1
	Pu239/240	NA	NA			NA	NA	Transuranic	
	Am241	NA	NA			NA	NA	NA	
04S0157-026.001 7 26-32, 37, 38, 40-42, 55-59, 61-67	U234	0.4320	0.3400	872.60	24.5	529	417		
	U235	0.0465	0.0449			57	55	Uranium	
	U238	0.4320	0.3400			529	417	1,116	rev.1
	Pu239/240	NA	NA			NA	NA	Transuranic	
	Am241	NA	NA			NA	NA	NA	
04S0222-010.001 8 147, 149-154, 158	U234	1.0900	0.8860	66.50	24.5	102	83		
	U235	0.0458	0.0659			4	6	Uranium	rev.1
	U238	1.0900	0.8860			102	83	208	
	Pu239/240	NA	NA			NA	NA	Transuranic	
	Am241	NA	NA			NA	NA	NA	

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Survey Area: VIA 2	Survey Unit: 444202	Building: 444

Description: Building 444, VIA 2, Walls and Ceiling Surfaces

Media Samples Data Sheet

Site Sample ID / Nbr ---------- Description	Nuclide	Sample (pCi/g)	Sample MDA (pCi/g)	Weight (g)	Surface Area (in²)	Sample Nuclide (dpm/100cm²)	Sample Nuclide MDA (dpm/100cm²)	Sample Total (dpm/100cm²)
042016-016.001 9	U234	0.7950	0.8360	69.30	24.5	77	81	
68-72, 122-126, 136-140	U235	0.0749	0.0700			7	7	**Uranium**
	U238	0.7950	0.8360			77	81	162
	Pu239/240	NA	NA			NA	NA	**Transuranic**
	Am241	NA	NA			NA	NA	NA
04S0158-023.001 10	U234	1.1400	0.3620	654.60	24.5	1,048	333	
73-89	U235	0.0888	0.0459			82	42	**Uranium**
	U238	1.1400	0.3620			1,048	333	2,178
	Pu239/240	NA	NA			NA	NA	**Transuranic**
	Am241	NA	NA			NA	NA	NA

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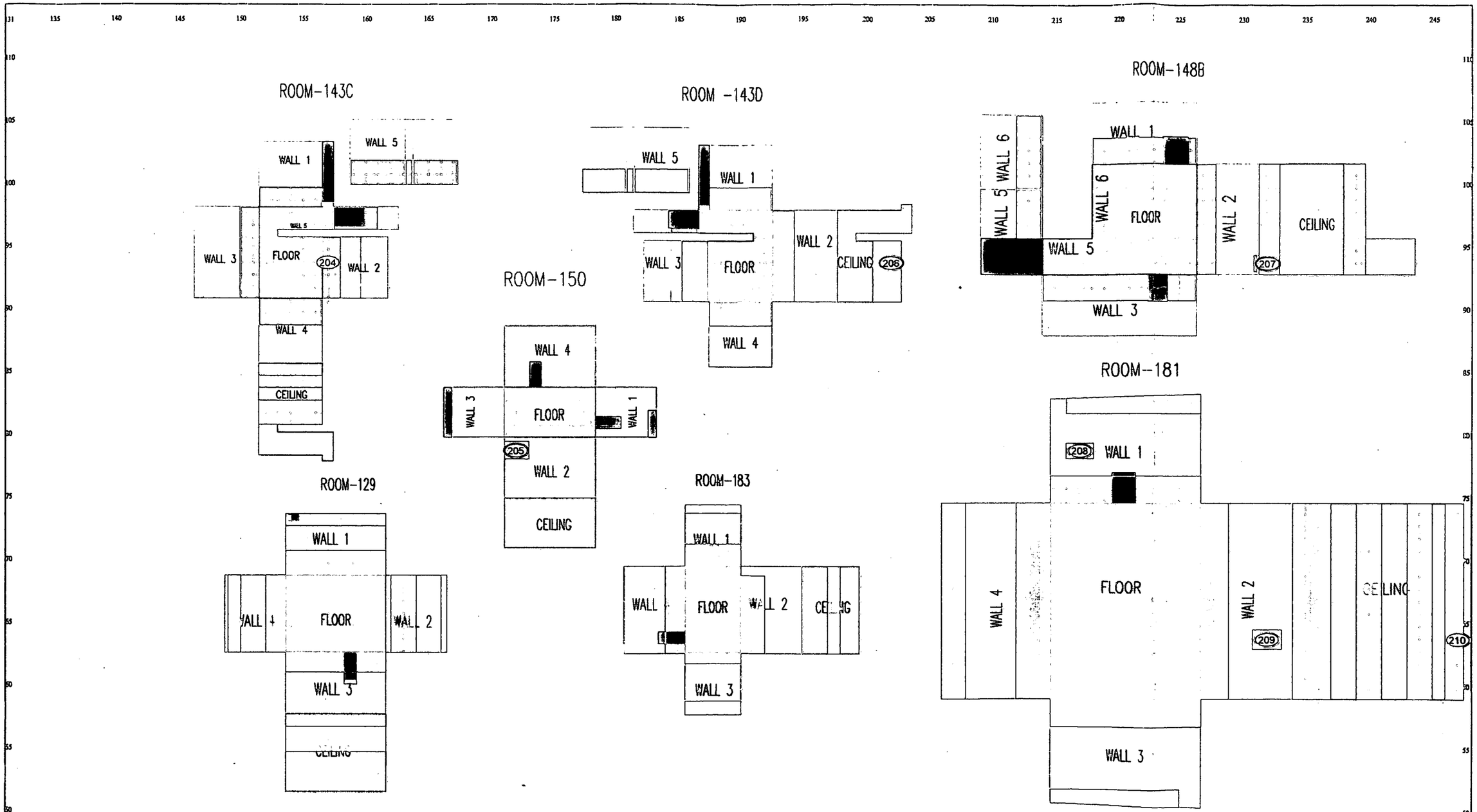

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444202 Classification: 2

Survey Area/Unit Description: Building 444 VIA # 2, Walls & Ceiling

Floor Area: 2,806 sq.m Total Area: 10,082 sq.m Grid Spacing for Survey Area: 15 m x 15 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 24

0 METERS 8

1 inch = 24 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444202 SHT 05.DWG | Sheet: 5 of 6 | Rev: 0

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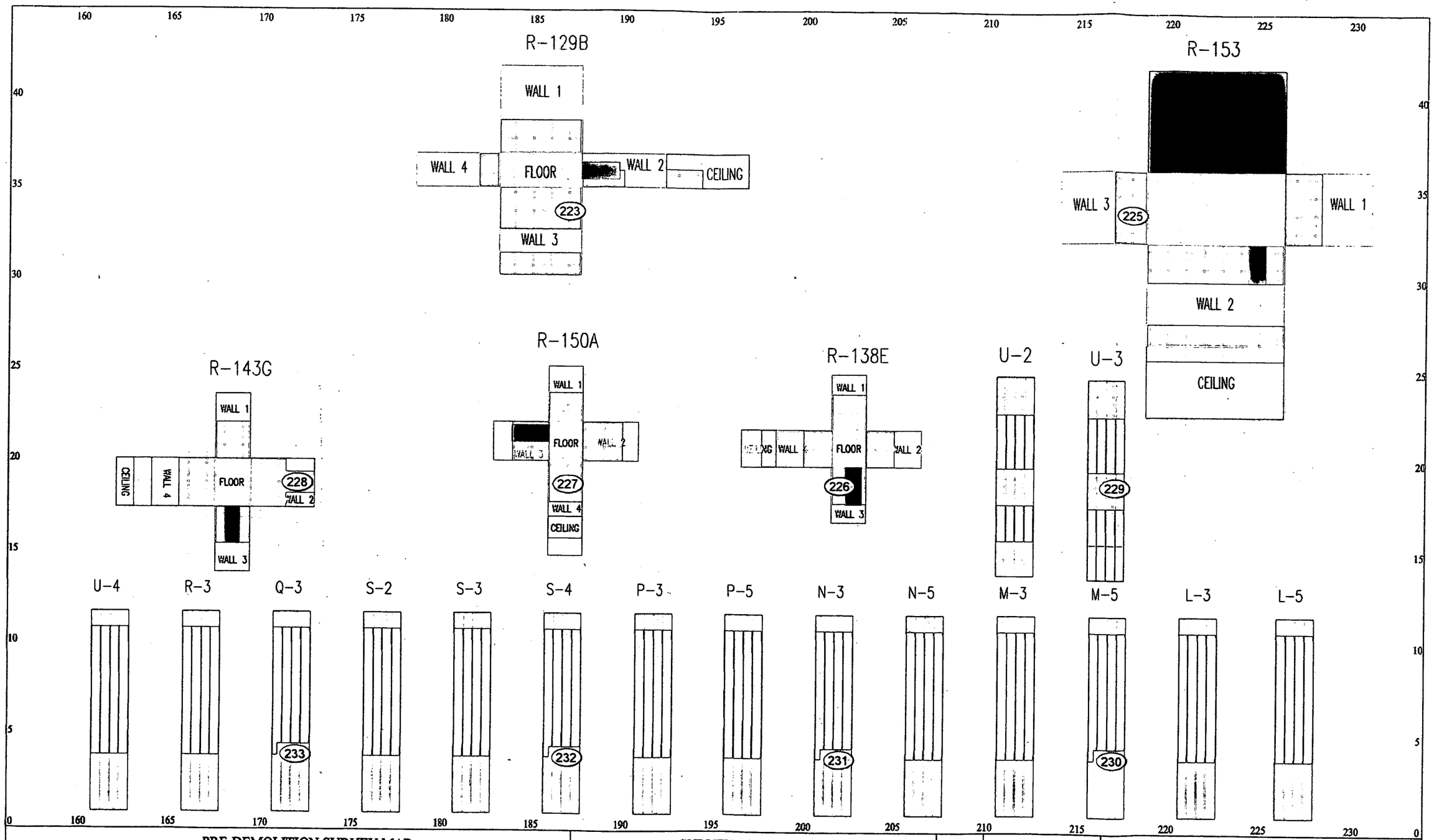

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444202 Classification: 2

Survey Area/Unit Description: B444 VIA # 2, Columns, Walls & Ceiling

Floor Area: 2,806 sq.m Total Area: 10,082 sq.m Grid Spacing for Survey Area: 15 m x 15 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16
0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Prepared for: KAISER HILL

File Name: PDS 444202 SHT 06.DWG | Sheet 6 of 6 | Rev: 0

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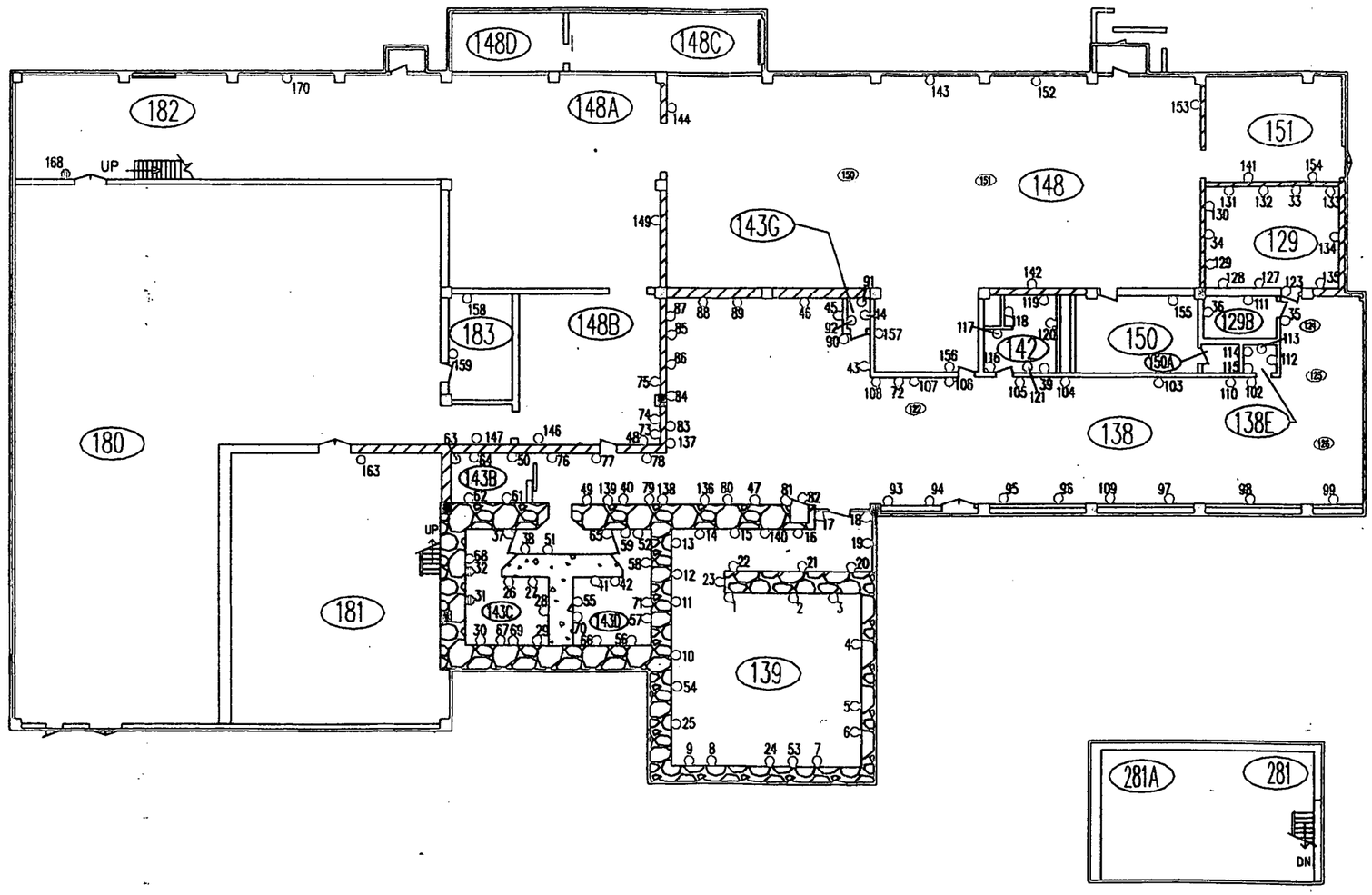

PRE-DEMOLITION MEDIA SAMPLING MAP

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BLDG: 444 Survey Area: VIA-2 Survey Unit: 444202 Classification: 2

Survey Area/Unit Description: Building 444 # 2, Walls and Ceiling

Floor Area: 2,806 sq.m Total Area: 10,082 sq.m Date: 10/28/2004

SURVEY POINT LEGEND

- ○ # Wall Sample Location
- □ # Floor Sample Location
- (#) Ceiling Sample Location

N

0 FEET 24

0 METERS 8

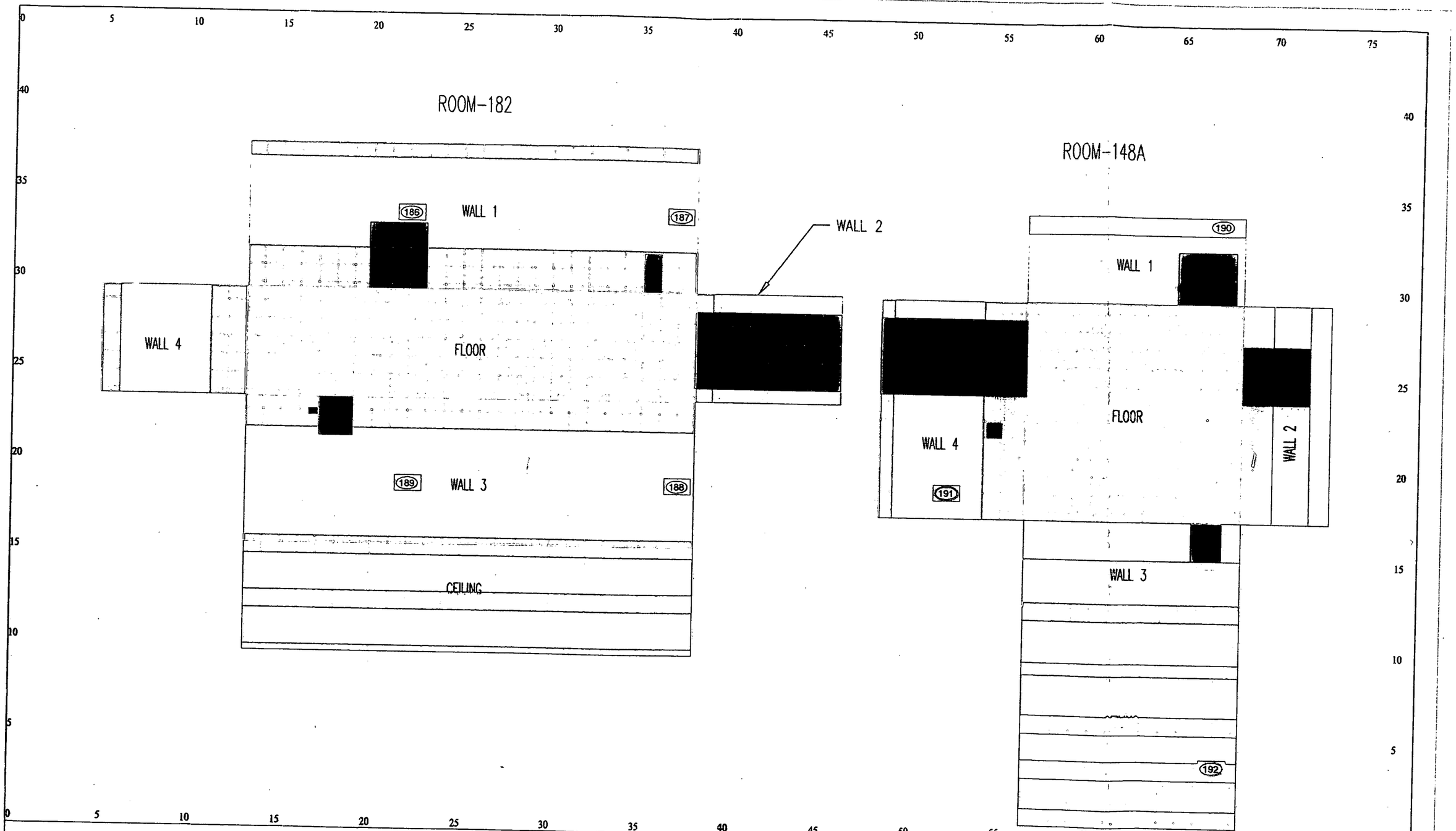
1 inch = 24 feet

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: MEDIA 444202 C-2.DWG | Sheet 1 of 1 | Rev: 1



PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444202 Classification: 2

Survey Area/Unit Description: Building 444 VIA # 2, Walls and Ceiling

Floor Area: 2,806 sq.m Total Area: 10,082 sq.m Grid Spacing for Survey Area: 15 m x 15 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16
0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444202 SHT 01.DWG | Sheet: 1 of 6 | Rev: 0

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N326	92	N/A	-26.4	N/A
444301PRP-N327	93	N/A	57.9	N/A
444301PRP-N328	92	N/A	23.6	N/A
444301PRP-N329	93	N/A	7.9	N/A
444301PRP-N330	92	N/A	102.1	N/A
444301PRP-N331	93	N/A	-27.8	N/A
444301PRP-N332	92	N/A	16.4	N/A
444301PRP-N333	93	N/A	-35.0	N/A
444301PRP-N334	92	N/A	66.4	N/A
444301PRP-N335	93	N/A	7.9	N/A
444301PRP-N336	92	N/A	23.6	N/A
444301PRP-N337	93	N/A	36.5	N/A
444301PRP-N338	92	N/A	37.9	N/A
444301PRP-N339	93	N/A	-6.4	N/A
444301PRP-N340	92	N/A	-33.6	N/A
444301PRP-N341	93	N/A	57.9	N/A
444301PRP-N342	92	N/A	52.1	N/A
444301PRP-N343	93	N/A	43.6	N/A
444301PRP-N344	92	N/A	66.4	N/A
444301PRP-N345	93	N/A	22.2	N/A
444301PRP-N346	92	N/A	16.4	N/A
444301PRP-N347	93	N/A	86.5	N/A
444301PRP-N348	92	N/A	23.6	N/A
444301PRP-N349	93	N/A	15.0	N/A
444301PRP-N350	92	N/A	-12.1	N/A
444301PRP-N351	93	N/A	57.9	N/A
444301PRP-N352	92	N/A	30.7	N/A
444301PRP-N353	93	N/A	79.3	N/A
444301PRP-N354	92	N/A	102.1	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N355	93	N/A	-13.5	N/A
444301PRP-N356	92	N/A	9.3	N/A
444301PRP-N357	93	N/A	50.8	N/A
444301PRP-N358	92	N/A	23.6	N/A
444301PRP-N359	93	N/A	-13.5	N/A
444301PRP-N360	92	N/A	-26.4	N/A
444301PRP-N361	93	N/A	65.0	N/A
444301PRP-N362	92	N/A	-12.1	N/A
444301PRP-N363	93	N/A	36.5	N/A
444301PRP-N364	92	N/A	23.6	N/A
444301PRP-N365	93	N/A	7.9	N/A
444301PRP-N366	79	N/A	68.5	N/A
444301PRP-N367	79	N/A	54.2	N/A
444301PRP-N368	79	N/A	90.0	N/A
444301PRP-N369	79	N/A	61.4	N/A
444301PRP-N370	79	N/A	68.5	N/A
444301PRP-N371	79	N/A	54.2	N/A
444301PRP-N372	79	N/A	40.0	N/A
444301PRP-N373	79	N/A	47.1	N/A
444301PRP-N374	79	N/A	82.8	N/A
444301PRP-N375	79	N/A	61.4	N/A
444301PRP-N376	79	N/A	68.5	N/A
444301PRP-N377	79	N/A	54.2	N/A
444301PRP-N378	79	N/A	40.0	N/A
444301PRP-N379	79	N/A	47.1	N/A
444301PRP-N380	79	N/A	90.0	N/A
444301PRP-N381	79	N/A	97.1	N/A
444301PRP-N382	79	N/A	68.5	N/A
444301PRP-N383	79	N/A	90.0	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N384	79	N/A	18.5	N/A
444301PRP-N385	79	N/A	40.0	N/A
444301PRP-N386	79	N/A	25.7	N/A
444301PRP-N387	79	N/A	32.8	N/A
444301PRP-N388	79	N/A	47.1	N/A
444301PRP-N389	79	N/A	18.5	N/A
444301PRP-N390	79	N/A	61.4	N/A
444301PRP-N391	79	N/A	54.2	N/A
444301PRP-N392	79	N/A	97.1	N/A
444301PRP-N393	79	N/A	68.5	N/A
444301PRP-N394	79	N/A	18.5	N/A
444301PRP-N395	79	N/A	47.1	N/A
444301PRP-N396	79	N/A	68.5	N/A
444301PRP-N397	79	N/A	32.8	N/A
444301PRP-N398	79	N/A	75.7	N/A
444301PRP-N399	79	N/A	40.0	N/A
444301PRP-N400	79	N/A	82.8	N/A
444301PRP-N401	79	N/A	82.8	N/A
444301PRP-N402	79	N/A	90.0	N/A
444301PRP-N403	79	N/A	32.8	N/A
444301PRP-N405	79	N/A	61.4	N/A
444301PRP-N406	79	N/A	18.5	N/A
444301PRP-N407	79	N/A	61.4	N/A
444301PRP-N408	79	N/A	54.2	N/A
444301PRP-N409	79	N/A	40.0	N/A
444301PRP-N410	79	N/A	32.8	N/A
444301PRP-N411	79	N/A	54.2	N/A
444301PRP-N412	79	N/A	32.8	N/A
444301PRP-N413	90	N/A	66.4	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N414	79	N/A	61.4	N/A
444301PRP-N415	80	N/A	47.1	N/A
444301PRP-N416	81	N/A	22.8	N/A
444301PRP-N417	80	N/A	40.0	N/A
444301PRP-N418	81	N/A	30.0	N/A
444301PRP-N419	80	N/A	25.7	N/A
444301PRP-N420	81	N/A	15.7	N/A
444301PRP-N421	80	N/A	40.0	N/A
444301PRP-N422	81	N/A	22.8	N/A
444301PRP-N423	80	N/A	-2.9	N/A
444301PRP-N424	81	N/A	58.5	N/A
444301PRP-N425	80	N/A	11.4	N/A
444301PRP-N426	81	N/A	8.5	N/A
444301PRP-N427	80	N/A	47.1	N/A
444301PRP-N428	81	N/A	37.1	N/A
444301PRP-N429	80	N/A	32.8	N/A
444301PRP-N431	90	N/A	-69.3	N/A
444301PRP-N432	91	N/A	15.0	N/A
444301PRP-N433	90	N/A	-40.7	N/A
444301PRP-N434	91	N/A	-20.7	N/A
444301PRP-N435	90	N/A	-19.3	N/A
444301PRP-N436	91	N/A	29.3	N/A
444301PRP-N437	90	N/A	-5.0	N/A
444301PRP-N438	91	N/A	115.0	N/A
444301PRP-N439	90	N/A	66.4	N/A
444301PRP-N440	91	N/A	-6.4	N/A
444301PRP-N441	90	N/A	45.0	N/A
444301PRP-N442	91	N/A	-20.7	N/A
444301PRP-N443	90	N/A	-12.1	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N444	91	N/A	-20.7	N/A
444301PRP-N445	90	N/A	73.6	N/A
444301PRP-N446	91	N/A	65.0	N/A
444301PRP-N447	90	N/A	30.7	N/A
444301PRP-N448	91	N/A	-6.4	N/A
444301PRP-N449	90	N/A	73.6	N/A
444301PRP-N450	91	N/A	86.5	N/A
444301PRP-N451	90	N/A	-47.9	N/A
444301PRP-N452	91	N/A	15.0	N/A
444301PRP-N453	90	N/A	52.1	N/A
444301PRP-N454	91	N/A	-13.5	N/A
444301PRP-N455	90	N/A	45.0	N/A
444301PRP-N456	91	N/A	7.9	N/A
444301PRP-N457	90	N/A	23.6	N/A
444301PRP-N458	91	N/A	22.2	N/A
444301PRP-N459	90	N/A	-26.4	N/A
444301PRP-N460	91	N/A	0.8	N/A
444301PRP-N461	90	N/A	45.0	N/A
444301PRP-N462	91	N/A	-27.8	N/A
444301PRP-N463	90	N/A	52.1	N/A
444301PRP-N464	63	N/A	37.2	N/A
444301PRP-N465	63	N/A	-34.8	N/A
444301PRP-N466	63	N/A	-58.8	N/A
444301PRP-N467	63	N/A	13.2	N/A
444301PRP-N468	63	N/A	29.2	N/A
444301PRP-N469	63	N/A	-50.8	N/A
444301PRP-N470	63	N/A	-34.8	N/A
444301PRP-N471	63	N/A	-42.8	N/A
444301PRP-N472	63	N/A	-22.8	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N473	63	N/A	13.2	N/A
444301PRP-N474	63	N/A	17.2	N/A
444301PRP-N475	63	N/A	45.2	N/A
444301PRP-N476	63	N/A	-14.8	N/A
444301PRP-N477	63	N/A	5.2	N/A
444301PRP-N478	63	N/A	73.2	N/A
444301PRP-N479	63	N/A	1.2	N/A
444301PRP-N480	63	N/A	25.2	N/A
444301PRP-N481	63	N/A	33.2	N/A
444301PRP-N482	63	N/A	53.2	N/A
444301PRP-N483	63	N/A	-6.8	N/A
444301PRP-N484	63	N/A	1.2	N/A
444301PRP-N485	63	N/A	-10.8	N/A
444301PRP-N486	63	N/A	17.2	N/A
444301PRP-N487	63	N/A	33.2	N/A
444301PRP-N488	63	N/A	9.2	N/A
444301PRP-N489	63	N/A	-2.8	N/A
444301PRP-N490	63	N/A	25.2	N/A
444301PRP-N491	63	N/A	-14.8	N/A
444301PRP-N492	63	N/A	-54.8	N/A
444301PRP-N493	63	N/A	13.2	N/A
444301PRP-N494	63	N/A	33.2	N/A
444301PRP-N495	63	N/A	-10.8	N/A
444301PRP-N496	63	N/A	17.2	N/A
444301PRP-N497	63	N/A	5.2	N/A
444301PRP-N498	63	N/A	1.2	N/A
444301PRP-N499	63	N/A	-22.8	N/A
444301PRP-N500	63	N/A	-34.8	N/A
444301PRP-N501	63	N/A	37.2	N/A

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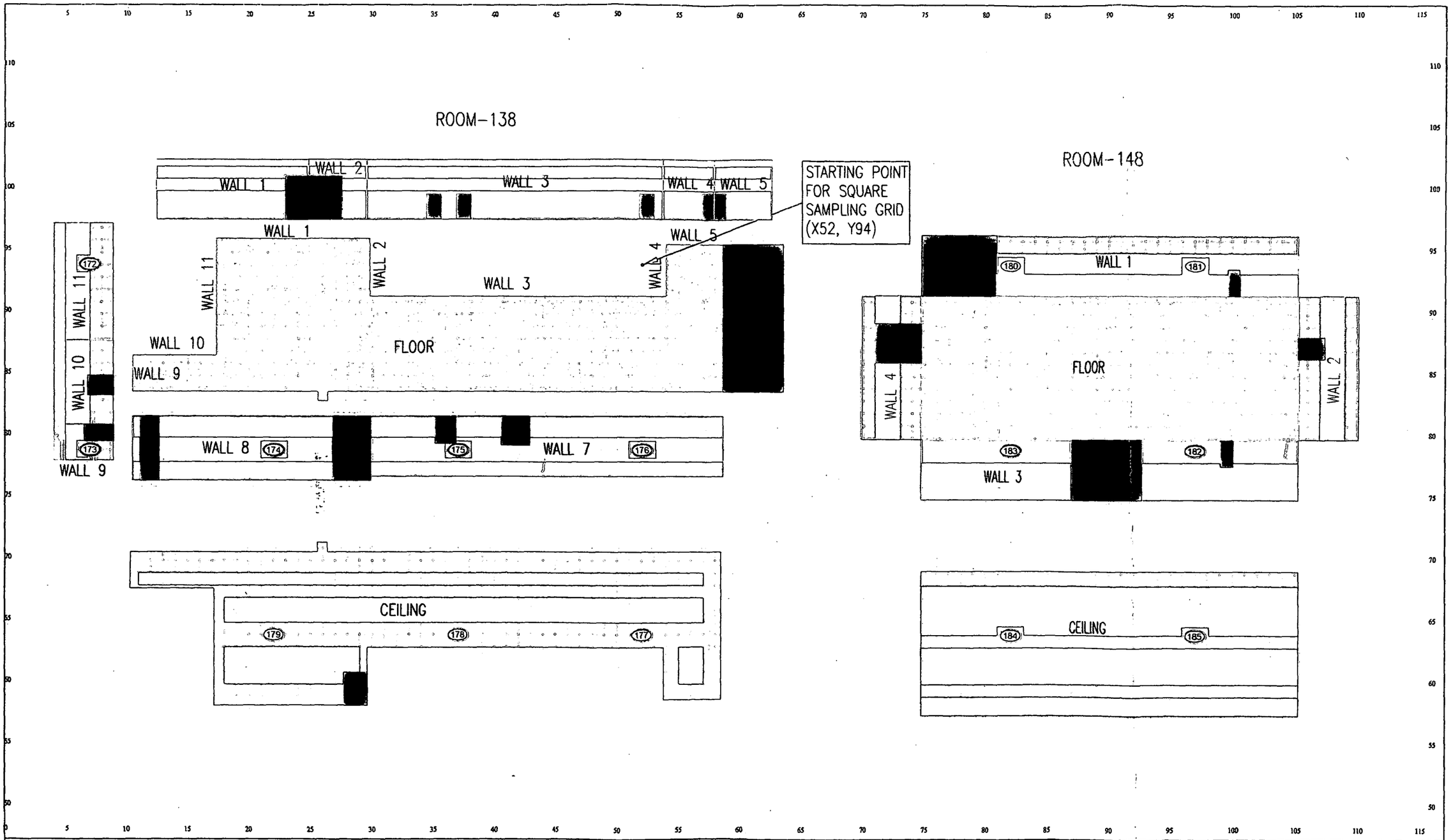

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444202 Classification: 2

Survey Area/Unit Description: Building 444 VIA # 2, Walls & Ceiling

Floor Area: 2,806 sq.m Total Area: 10,082 sq.m Grid Spacing for Survey Area: 15 m x 15 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 24
0 METERS 8

1 inch = 24 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Prepared for: KAISER HILL

File Name: PDS 444202 SHT 02.DWG | Sheet: 2 of 6 | Rev: 0

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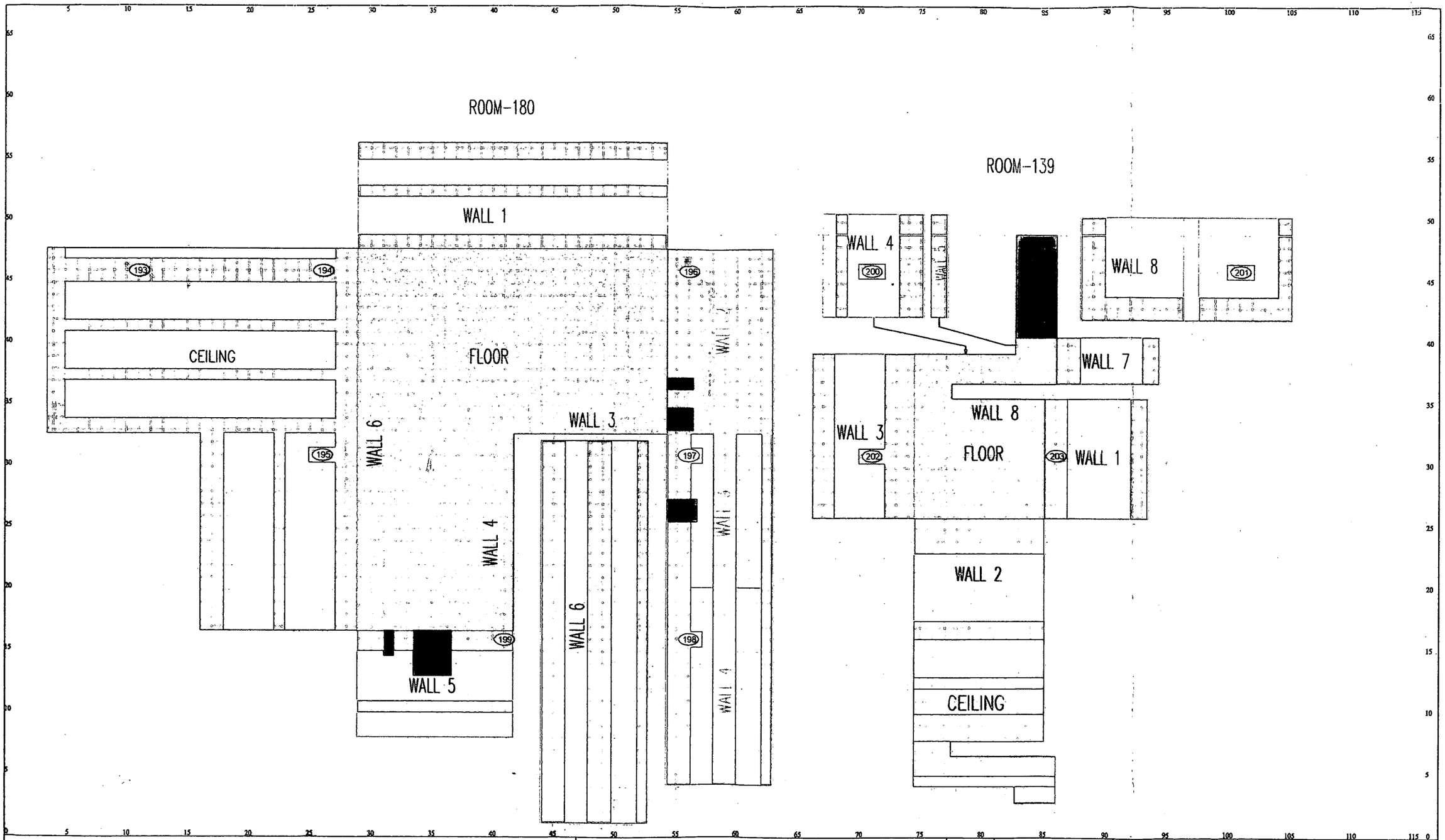

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444202 Classification: 2

Survey Area/Unit Description: Building 444 VIA # 2, Walls & Ceiling

Floor Area: 2,806 sq.m Total Area: 10,082 sq.m Grid Spacing for Survey Area: 15 m x 15 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 INCH 24

0 METERS 8

1 inch = 24 feet

1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444202 SHT 03.DWG | Sheet 3 of 6 | Rev: 0

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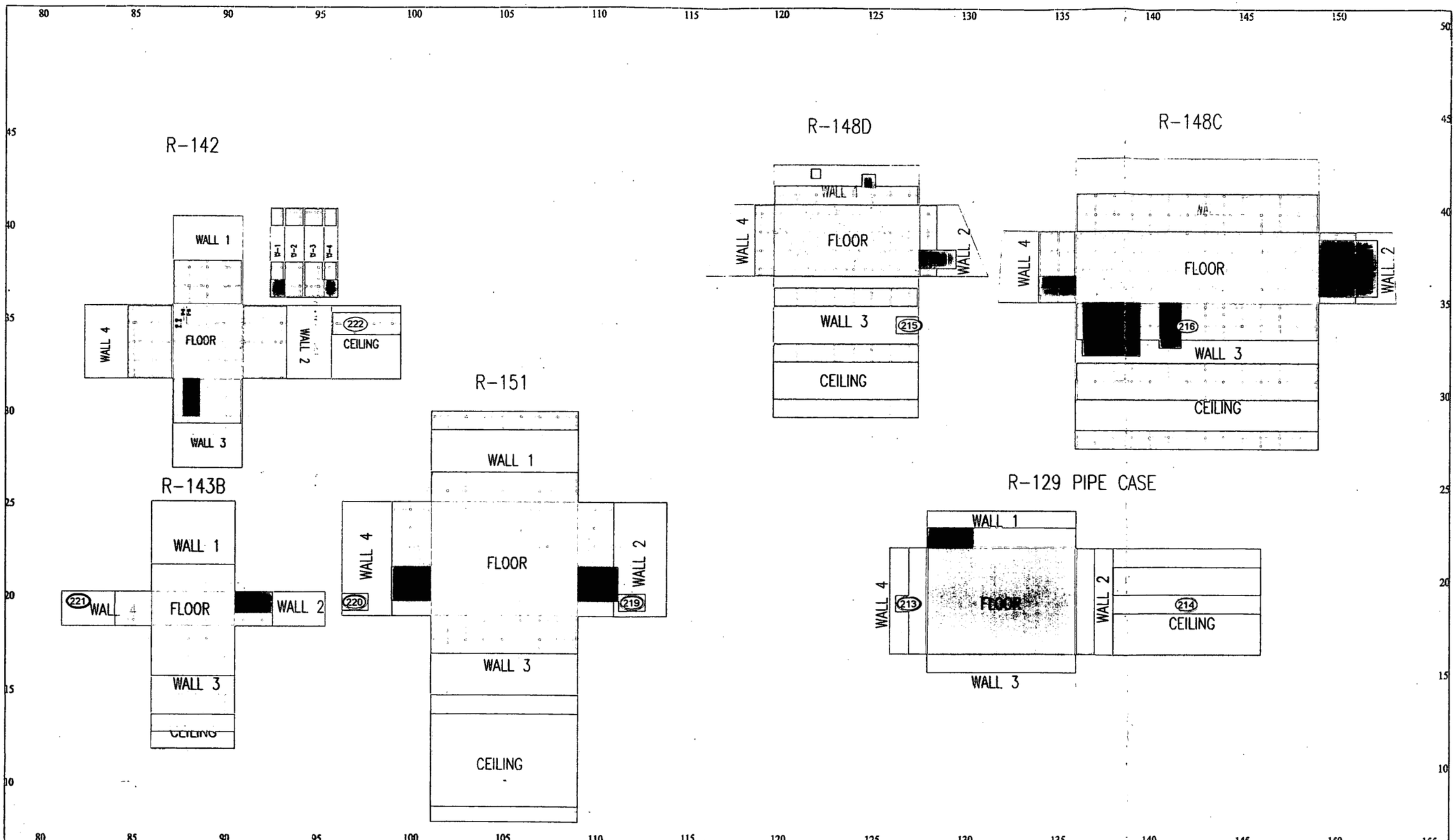

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444202 Classification: 2

Survey Area/Unit Description: Building 444 VIA #2, Walls & Ceiling

Floor Area: 2,806 sq.m Total Area: 10,082 sq.m Grid Spacing for Survey Area: 15 m x 15 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16
0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCS Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444202 SHT 04.DWG | Sheet: 4 of 6 | Rev: 0

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Survey Area: VIA 2	Survey Unit: 444203	Building: 444

Description: Building 444, VIA 2 Trenches

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 27
Nbr Random Measurements Performed: 33

Nbr Biased Measurements Required: 0
Nbr Biased Measurements Performed: 0

Nbr QC Required: 2
Nbr QC Performed: 2

Beta

Maximum:	2,503.8 dpm/100cm²
Minimum:	-573.5 dpm/100cm²
Mean:	1,000.9 dpm/100cm²
Standard Deviation:	721.1
QC Maximum:	3,247.8 dpm/100cm²
QC Minimum:	2,370.5 dpm/100cm²
QC Mean:	2,809.1 dpm/100cm²
Uranium DCGLw:	5,000.0 dpm/100cm²
Uranium DCGLEMC:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 27
Nbr Random Measurements Performed: 33

Nbr Biased Measurements Required: 0
Nbr Biased Measurements Performed: 0

Beta

Maximum:	96.8 dpm/100cm²
Minimum:	-86.4 dpm/100cm²
Mean:	-15.3 dpm/100cm²
Standard Deviation:	40.7
Uranium DCGLw:	1,000.0

Media Sample Results

Nbr Random Required: 0
Nbr Random Collected: 0

Nbr Biased Required: 0
Nbr Biased Collected: 0

Uranium

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Uranium DCGLw:	5,000 dpm/100cm²
Uranium DCGLEMC:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGLw:	100 dpm/100cm²
Transuranic DCGLEMC:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

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Survey Area: VIA 2	Survey Unit: 444203	Building: 444

Description: Building 444, VIA 2 Trenches

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
1	700831	09/14/04	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
2	712467	09/14/04	Electra	1379	DP-6	02/18/05	NA	0.220	NA	745.0	S
3	700831	09/15/04	Electra	1379	DP-6	02/18/05	NA	0.220	NA	745.0	S
4	712467	09/15/04	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
5	712193	09/20/04	Electra	3113	DP-6	02/23/05	NA	0.220	NA	745.0	T/S
6	700831	09/20/04	Electra	1379	DP-6	02/18/05	NA	0.220	NA	745.0	T/S
7	700831	09/20/04	Electra	2352	DP-6	11/13/04	NA	0.220	NA	745.0	Q
8	700831	09/20/04	Ludlum 292	99042	NA	10/26/04	NA	0.250	NA	205.0	R
9	700831	09/20/04	BC-4	911	NA	10/29/04	NA	0.140	NA	258.0	R

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 2	Survey Unit: 444203	Building: 444

Description: Building 444, VIA 2 Trenches

Comments Sheet

General Comments: N/A

TSA Comments:

RSA Comments: N/A

Media Comments: 1. There were no painted surfaces in this survey unit.

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Survey Area: VIA 2	Survey Unit: 444203	Building: 444

Description: Building 444, VIA 2 Trenches

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444203PRP-N001	8	N/A	16.8	N/A
444203PRP-N002	8	N/A	4.8	N/A
444203PRP-N003	8	N/A	4.8	N/A
444203PRP-N004	8	N/A	-47.2	N/A
444203PRP-N005	8	N/A	36.8	N/A
444203PRP-N006	8	N/A	-15.2	N/A
444203PRP-N007	8	N/A	-23.2	N/A
444203PRP-N008	8	N/A	-35.2	N/A
444203PRP-N009	9	N/A	-65.0	N/A
444203PRP-N010	8	N/A	-35.2	N/A
444203PRP-N011	8	N/A	28.8	N/A
444203PRP-N012	9	N/A	-15.0	N/A
444203PRP-N013	9	N/A	63.6	N/A
444203PRP-N014	9	N/A	-7.9	N/A
444203PRP-N015	9	N/A	-15.0	N/A
444203PRP-N016	8	N/A	96.8	N/A
444203PRP-N017	9	N/A	49.3	N/A
444203PRP-N018	8	N/A	-39.2	N/A
444203PRP-N019	9	N/A	-72.1	N/A
444203PRP-N020	9	N/A	13.6	N/A
444203PRP-N021	9	N/A	-7.9	N/A
444203PRP-N022	8	N/A	-51.2	N/A
444203PRP-N023	8	N/A	-11.2	N/A
444203PRP-N024	9	N/A	-50.7	N/A
444203PRP-N025	9	N/A	-65.0	N/A
444203PRP-N026	9	N/A	-36.4	N/A
444203PRP-N027	9	N/A	-86.4	N/A
444203PRP-N028	9	N/A	-36.4	N/A
444203PRP-N029	9	N/A	-22.1	N/A

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Survey Area: VIA-2	Survey Unit: 444203	Building: 444

Description: Building 444, VIA-2 Trenches

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444203PRP-N030	8	N/A	-27.2	N/A
444203PRP-N031	8	N/A	28.8	N/A
444203PRP-N032	9	N/A	-36.4	N/A
444203PRP-N033	8	N/A	-47.2	N/A

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Survey Area: VIA 2	Survey Unit: 444203	Building: 444

Description: Building 444, VIA 2 Trenches

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444203PRP-N001	5	N/A	799.2	N/A
444203PRP-N002	5	N/A	721.9	N/A
444203PRP-N003	5	N/A	558.3	N/A
444203PRP-N004	5	N/A	703.8	N/A
444203PRP-N005	5	N/A	371.9	N/A
444203PRP-N006	6	N/A	1,681.0	N/A
444203PRP-N007	6	N/A	1,644.7	N/A
444203PRP-N008	6	N/A	1,317.4	N/A
444203PRP-N009	6	N/A	1,671.9	N/A
444203PRP-N010	6	N/A	1,190.1	N/A
444203PRP-N011	6	N/A	1,231.0	N/A
444203PRP-N012	6	N/A	1,344.7	N/A
444203PRP-N013	5	N/A	-573.5	N/A
444203PRP-N014	5	N/A	1,821.9	N/A
444203QRP-N014	7	N/A	2,370.5	N/A
444203PRP-N015	5	N/A	867.4	N/A
444203PRP-N016	5	N/A	1,790.1	N/A
444203PRP-N017	5	N/A	844.7	N/A
444203PRP-N018	5	N/A	2,503.8	N/A
444203QRP-N018	7	N/A	3,247.8	N/A
444203PRP-N019	5	N/A	276.5	N/A
444203PRP-N020	6	N/A	1,790.1	N/A
444203PRP-N021	6	N/A	1,608.3	N/A
444203PRP-N022	6	N/A	1,549.2	N/A
444203PRP-N023	6	N/A	1,581.0	N/A
444203PRP-N024	6	N/A	1,458.3	N/A
444203PRP-N025	6	N/A	1,712.9	N/A

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Survey Area: VIA 2	Survey Unit: 444203	Building: 444

Description: Building 444, VIA 2 Trenches

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444203PRP-N026	6	N/A	1,403.8	N/A
444203PRP-N027	5	N/A	408.3	N/A
444203PRP-N028	5	N/A	294.7	N/A
444203PRP-N029	5	N/A	-73.5	N/A
444203PRP-N030	5	N/A	221.9	N/A
444203PRP-N031	5	N/A	199.2	N/A
444203PRP-N032	5	N/A	212.9	N/A
444203PRP-N033	5	N/A	-105.3	N/A

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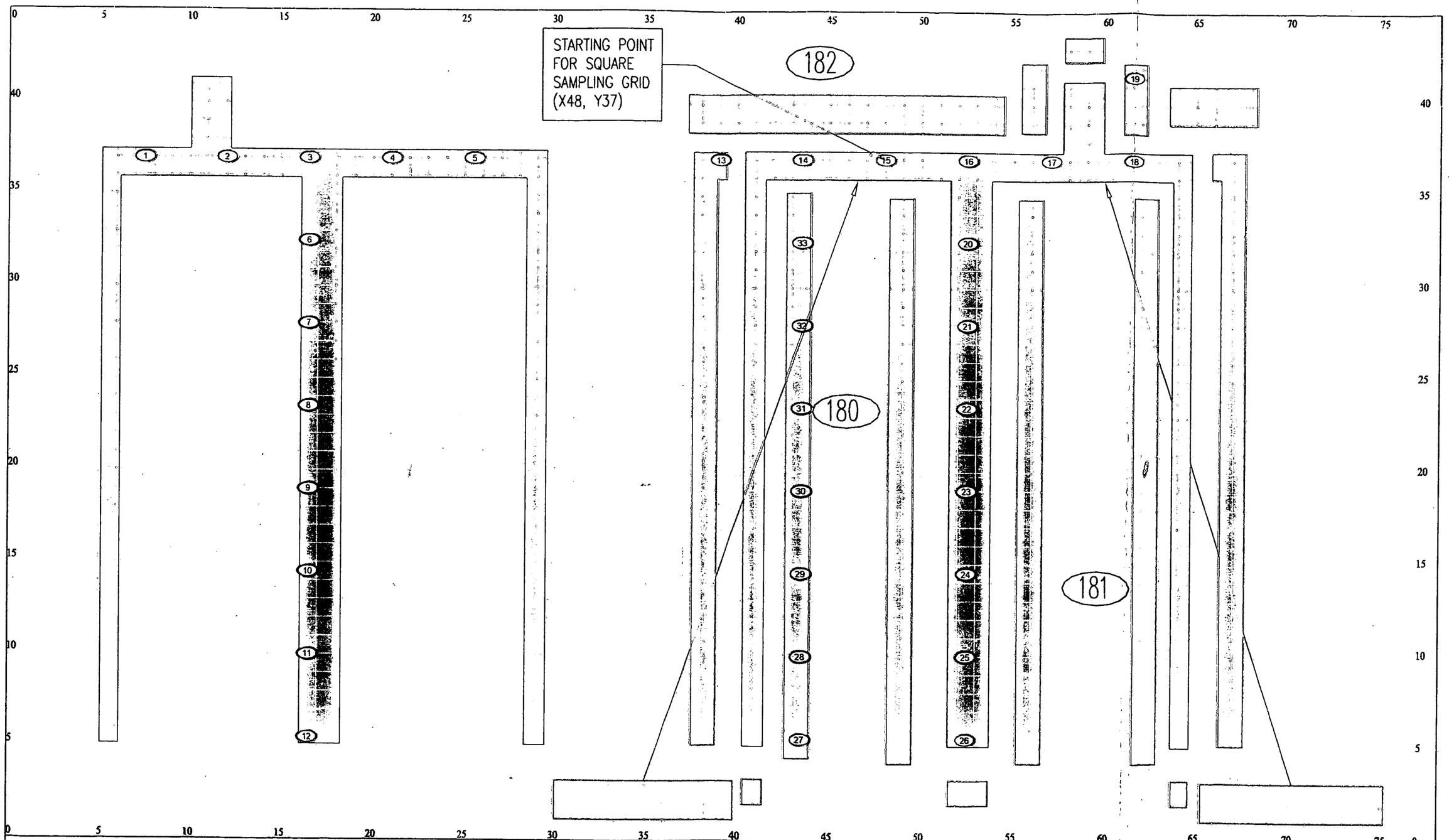

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444203 Classification: 1

Survey Area/Unit Description: Bldg. 444 VIA # 2 ,Trenches

Floor Area: 180 sq.m Total Area: 614 sq.m Grid Spacing for Survey Area: 4.5 m x 4.5 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

FEET 0 16
METERS 0 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: ROCKY FLATS Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444203 SHT 01.DWG | Sheet 1 of 1 | Rev: 0

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Survey Area: VIA 2	Survey Unit: 444902	Building: 444

Description: Building 444 VIA #2, Rooms 179, 180B, 180B-Hall, & Exterior Door 29 Pad, All Surfaces, except LLW areas

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 27
Nbr Random Measurements Performed: 30

Nbr Biased Measurements Required: 0
Nbr Biased Measurements Performed: 0

Nbr QC Required: 2
Nbr QC Performed: 2

Beta

Maximum:	2,450.9 dpm/100cm²
Minimum:	-203.6 dpm/100cm²
Mean:	857.8 dpm/100cm²
Standard Deviation:	829.4
QC Maximum:	2,306.9 dpm/100cm²
QC Minimum:	2,288.7 dpm/100cm²
QC Mean:	2,297.8 dpm/100cm²
Uranium DCGLw:	5,000.0 dpm/100cm²
Uranium DCGLEMC:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 27
Nbr Random Measurements Performed: 30

Nbr Biased Measurements Required: 0
Nbr Biased Measurements Performed: 0

Beta

Maximum:	96.4 dpm/100cm²
Minimum:	25.0 dpm/100cm²
Mean:	55.7 dpm/100cm²
Standard Deviation:	20.3
Uranium DCGLw:	1,000.0

Media Sample Results

Nbr Random Required: 0
Nbr Random Collected: 0

Nbr Biased Required: 0
Nbr Biased Collected: 0

Uranium

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Uranium DCGLw:	5,000 dpm/100cm²
Uranium DCGLEMC:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGLw:	100 dpm/100cm²
Transuranic DCGLEMC:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

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Survey Area: VIA 2	Survey Unit: 444902	Building: 444

Description: Building 444 VIA #2, Rooms 179, 180B, 180B-Hall, & Exterior Door 29 Pad, All Surfaces, except LLW areas

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
1	711447	12/10/04	Electra	681	DP-8	02/28/05	NA	0.160	NA	999.0	S
2	700831	12/10/04	Electra	3251	DP-6	01/07/05	NA	0.220	NA	745.0	T/S
3	712193	12/16/04	Electra	659	DP-8	03/07/05	NA	0.160	NA	999.0	S
4	711447	12/16/04	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	T/S
5	712467	12/16/04	Electra	3105	DP-6	04/15/05	NA	0.220	NA	745.0	T/S
6	712193	12/16/04	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	Q/S
7	712467	12/17/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 2	Survey Unit: 444902	Building: 444

Description: Building 444 VIA #2, Rooms 179, 180B, 180B-Hall, & Exterior Door 29 Pad, All Surfaces, except LLW areas

Comments Sheet

General Comments: N/A

TSA Comments: N/A

RSA Comments: N/A

Media Comments: 1. There were no painted surfaces in this survey unit.

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Survey Area: VIA 2	Survey Unit: 444902	Building: 444

Description: Building 444 VIA #2, Rooms 179, 180B, 180B-Hall, & Exterior Door 29 Pad, All Surfaces, except LLW areas

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444902PRP-N001	7	N/A	39.3	N/A
444902PRP-N002	7	N/A	67.9	N/A
444902PRP-N003	7	N/A	60.7	N/A
444902PRP-N004	7	N/A	82.2	N/A
444902PRP-N005	7	N/A	32.2	N/A
444902PRP-N006	7	N/A	96.4	N/A
444902PRP-N007	7	N/A	32.2	N/A
444902PRP-N008	7	N/A	25.0	N/A
444902PRP-N009	7	N/A	60.7	N/A
444902PRP-N010	7	N/A	82.2	N/A
444902PRP-N011	7	N/A	89.3	N/A
444902PRP-N012	7	N/A	39.3	N/A
444902PRP-N013	7	N/A	53.6	N/A
444902PRP-N014	7	N/A	67.9	N/A
444902PRP-N015	7	N/A	25.0	N/A
444902PRP-N016	7	N/A	32.2	N/A
444902PRP-N017	7	N/A	39.3	N/A
444902PRP-N018	7	N/A	75.0	N/A
444902PRP-N019	7	N/A	60.7	N/A
444902PRP-N020	7	N/A	46.4	N/A
444902PRP-N021	7	N/A	39.3	N/A
444902PRP-N022	7	N/A	82.2	N/A
444902PRP-N023	7	N/A	60.7	N/A
444902PRP-N024	7	N/A	60.7	N/A
444902PRP-N025	7	N/A	32.2	N/A
444902PRP-N026	7	N/A	53.6	N/A
444902PRP-N027	7	N/A	53.6	N/A
444902PRP-N028	7	N/A	39.3	N/A
444902PRP-N029	7	N/A	82.2	N/A

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Survey Area: VIA 2	Survey Unit: 444902	Building: 444

Description: Building 444 VIA #2, Rooms 179, 180B, 180B-Hall, & Exterior Door 29 Pad, All Surfaces, except LLW areas

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444902PRP-N030	7	N/A	60.7	N/A

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Survey Area: VIA 2	Survey Unit: 444902	Building: 444

Description: Building 444 VIA #2, Rooms 179, 180B, 180B-Hall, & Exterior Door 29 Pad, All Surfaces, except LLW areas

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444902PRP-N001	2	N/A	287.3	N/A
444902PRP-N002	2	N/A	1,514.6	N/A
444902PRP-N003	2	N/A	60.0	N/A
444902PRP-N004	2	N/A	-203.6	N/A
444902PRP-N005	5	N/A	232.8	N/A
444902PRP-N006	5	N/A	741.8	N/A
444902PRP-N007	5	N/A	941.8	N/A
444902PRP-N008	4	N/A	428.2	N/A
444902PRP-N009	4	N/A	310.0	N/A
444902PRP-N010	5	N/A	446.4	N/A
444902PRP-N011	5	N/A	387.3	N/A
444902PRP-N012	5	N/A	300.9	N/A
444902PRP-N013	5	N/A	473.7	N/A
444902PRP-N014	5	N/A	187.3	N/A
444902PRP-N015	5	N/A	355.5	N/A
444902PRP-N016	5	N/A	778.2	N/A
444902PRP-N017	5	N/A	800.9	N/A
444902PRP-N018	4	N/A	2,028.2	N/A
444902PRP-N019	4	N/A	2,450.9	N/A
444902QRP-N019	6	N/A	2,306.9	N/A
444902PRP-N020	4	N/A	2,000.9	N/A
444902PRP-N021	4	N/A	2,410.0	N/A
444902QRP-N021	6	N/A	2,288.7	N/A
444902PRP-N022	4	N/A	2,219.1	N/A
444902PRP-N023	4	N/A	2,178.2	N/A
444902PRP-N024	4	N/A	1,669.1	N/A
444902PRP-N025	4	N/A	1,723.7	N/A

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Survey Area: VIA 2	Survey Unit: 444902	Building: 444

Description: Building 444 VIA #2, Rooms 179, 180B, 180B-Hall, & Exterior Door 29 Pad, All Surfaces, except LLW areas

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444902PRP-N026	4	N/A	405.5	N/A
444902PRP-N027	4	N/A	-35.4	N/A
444902PRP-N028	4	N/A	-40.0	N/A
444902PRP-N029	4	N/A	341.8	N/A
444902PRP-N030	4	N/A	337.3	N/A

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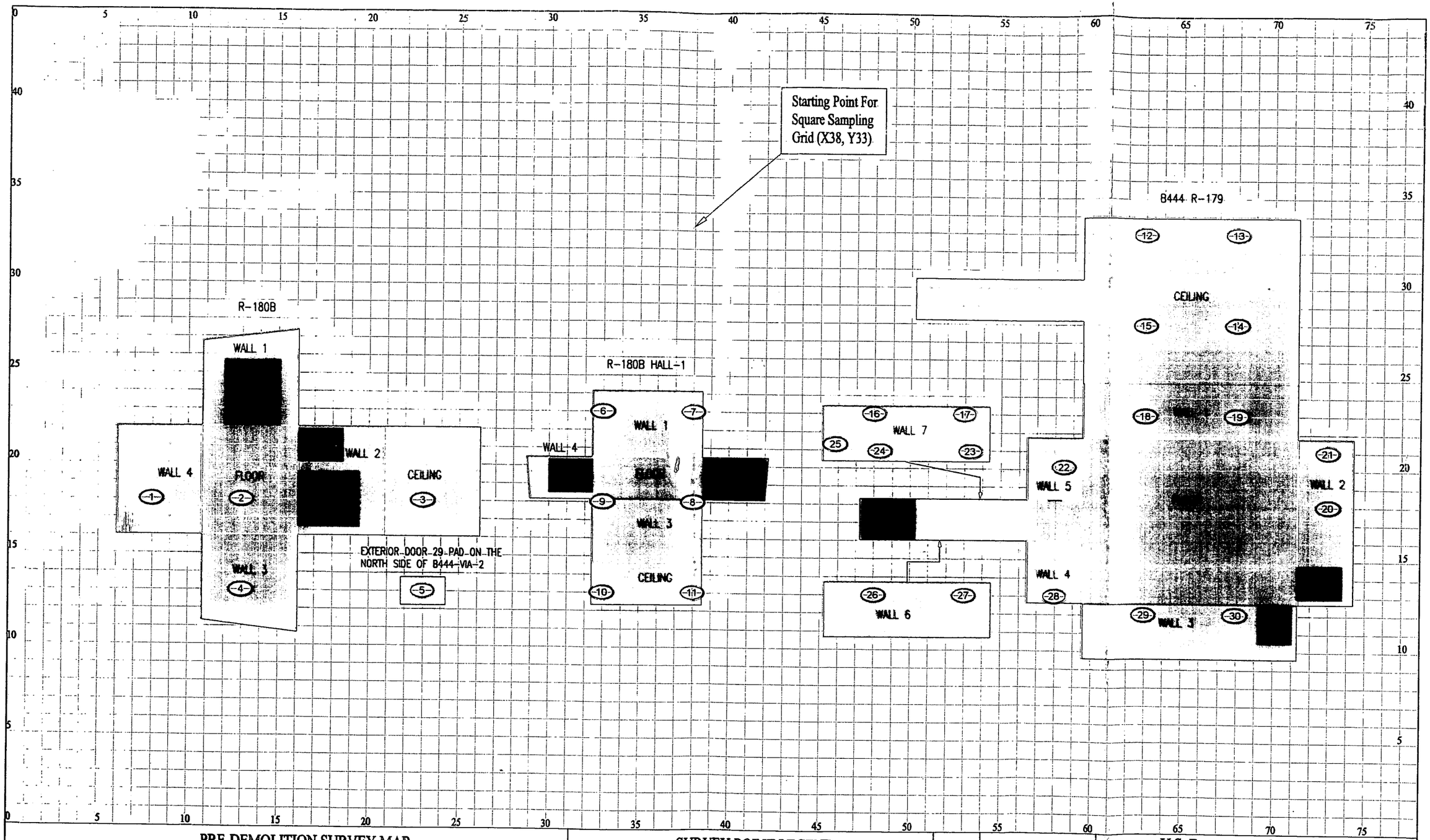

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: 444902 Classification: 1

Survey Area/Unit Description: Building 444 VIA # 2, Rooms, 179, 180B, 180B-Hall & Exterior Door 29 Pad All Surfaces, except LLW areas

Floor Area: 179 sq.m Total Area: 667 sq.m Grid Spacing for Survey Area: 5.0 m x 5.0 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- Low Level Waste Area
- RCRA/CERCLA Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

FEET 0 16
METERS 0 5.5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFETS Closure Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444902 SHT 01.DWG | Sheet: 1 of 1 | Rev: 0

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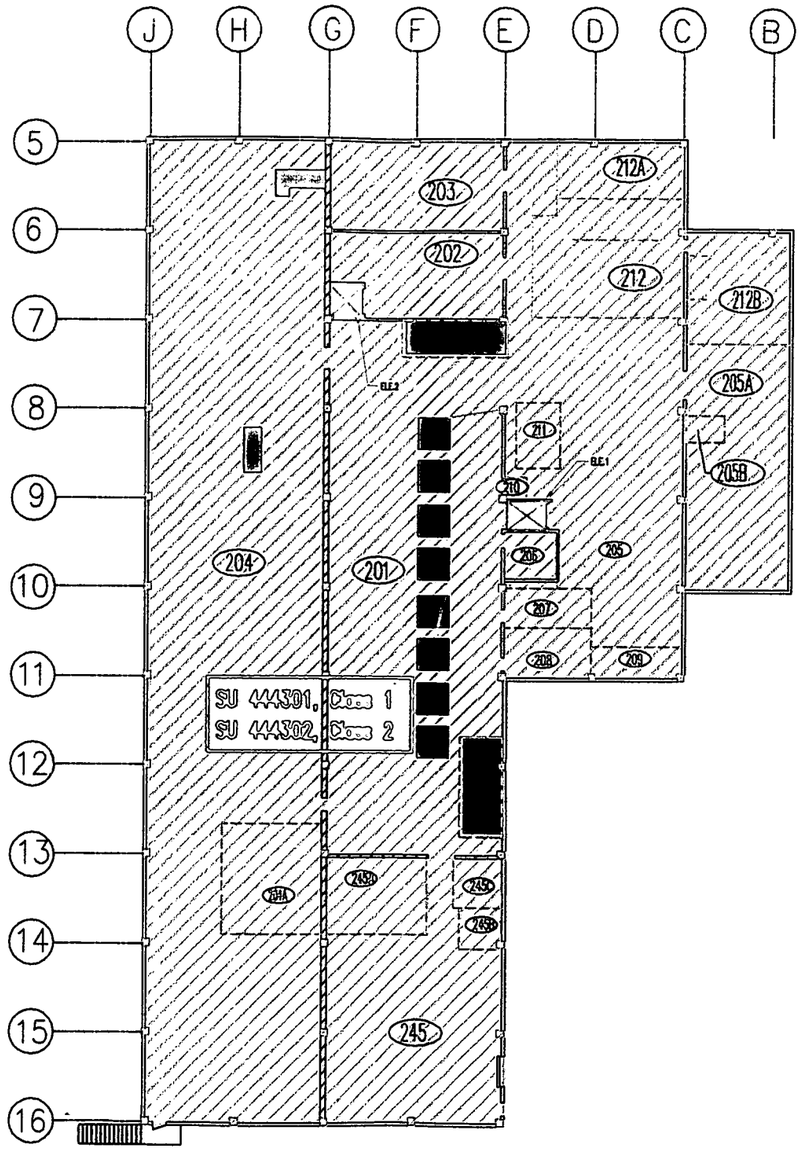
ATTACHMENT B-21

VIA 3 PDS RADIOLOGICAL SURVEY UNIT DATA SUMMARIES AND SURVEY MAPS



VIA-3 RADIOLOGICAL KEY MAP

BLDG: 444 Survey Area: VIA-3

Survey Area/Unit Description: VIA -3 Radiological KEY MAP

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Low Level Waste Area
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- ---- Wall Removed

N

0 FEET 32

0 METERS 10

1 inch = 32 feet

1 grid sq. = 1 sq. m.

U.S. Department of Energy

Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: PDS 444 VIA-3 KEY MAP.DWG | Sheet: 1 of 1 | Rev: 0

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 365
Nbr Random Measurements Performed: 365
Nbr Biased Measurements Required: 152
Nbr Biased Measurements Performed: 304
Nbr QC Required: 19
Nbr QC Performed: 19

Beta

Maximum:	4,675.0 dpm/100cm²
Minimum:	-2,217.5 dpm/100cm²
Mean:	1,112.4 dpm/100cm²
Standard Deviation:	907.6
QC Maximum:	4,155.5 dpm/100cm²
QC Minimum:	1,241.8 dpm/100cm²
QC Mean:	1,997.8 dpm/100cm²
Uranium DCGL$_W$:	5,000.0 dpm/100cm²
Uranium DCGL$_{EMC}$:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 365
Nbr Random Measurements Performed: 365
Nbr Biased Measurements Required: 152
Nbr Biased Measurements Performed: 304

Beta

Maximum:	273.6 dpm/100cm²
Minimum:	-117.1 dpm/100cm²
Mean:	14.6 dpm/100cm²
Standard Deviation:	46.7
Uranium DCGL$_W$:	1,000.0

Media Sample Results

Nbr Random Required: 0
Nbr Random Collected: 0
Nbr Biased Required: 152
Nbr Biased Collected: 152

Uranium

Maximum:	4,782 dpm/100cm²
Minimum:	532 dpm/100cm²
Mean:	1,915 dpm/100cm²
Standard Deviation:	1,165
Uranium DCGL$_W$:	5,000 dpm/100cm²
Uranium DCGL$_{EMC}$:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGL$_W$:	100 dpm/100cm²
Transuranic DCGL$_{EMC}$:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
1	711749	01/02/04	Electra	1392	DP-6	05/10/04	NA	0.220	NA	745.0	T
2	712456	01/02/04	Electra	1425	DP-6	03/18/04	NA	0.220	NA	745.0	T
3	711749	01/02/04	BC-4	387	NA	10/29/04	NA	0.140	NA	258.0	R
4	711749	01/02/04	BC-4	383	NA	10/29/04	NA	0.140	NA	258.0	R
5	711749	01/02/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
6	711749	01/02/04	BC-4	918	NA	07/02/04	NA	0.140	NA	258.0	R
7	701418	01/06/04	Electra	2314	DP-6	04/07/04	NA	0.220	NA	745.0	T
8	701418	01/06/04	Electra	2334	DP-6	04/06/04	NA	0.220	NA	745.0	T
9	702058	01/06/04	BC-4	387	NA	10/29/04	NA	0.140	NA	258.0	R
10	702058	01/06/04	BC-4	383	NA	10/29/04	NA	0.140	NA	258.0	R
11	712456	01/07/04	BC-4	387	NA	10/29/04	NA	0.140	NA	258.0	R
12	712456	01/07/04	BC-4	383	NA	10/29/04	NA	0.140	NA	258.0	R
13	702058	01/07/04	Electra	2314	DP-6	04/07/04	NA	0.220	NA	745.0	T
14	712456	01/08/04	BC-4	387	NA	10/29/04	NA	0.140	NA	258.0	R
15	712456	01/08/04	BC-4	383	NA	10/29/04	NA	0.140	NA	258.0	R
16	712456	01/08/04	Electra	2334	DP-6	04/06/04	NA	0.220	NA	745.0	T
17	712600	01/09/04	BC-4	387	NA	10/29/04	NA	0.140	NA	258.0	R
18	712600	01/09/04	BC-4	383	NA	10/29/04	NA	0.140	NA	258.0	R
19	701418	01/09/04	Electra	1535	DP-6	04/27/04	NA	0.220	NA	745.0	T
20	701418	01/09/04	Electra	2334	DP-6	04/06/04	NA	0.220	NA	745.0	T
21	712456	01/12/04	Electra	2314	DP-6	04/07/04	NA	0.220	NA	745.0	T
22	702058	01/12/04	BC-4	387	NA	10/29/04	NA	0.140	NA	258.0	R
23	712456	01/13/04	BC-4	387	NA	10/29/04	NA	0.140	NA	258.0	R
24	712456	01/13/04	BC-4	383	NA	10/29/04	NA	0.140	NA	258.0	R
25	701418	01/13/04	Electra	2314	DP-6	04/07/04	NA	0.220	NA	745.0	T
26	701418	01/14/04	BC-4	387	NA	10/29/04	NA	0.140	NA	258.0	R
27	701418	01/14/04	BC-4	383	NA	10/29/04	NA	0.140	NA	258.0	R
28	712456	01/14/04	Electra	2314	DP-6	04/07/04	NA	0.220	NA	745.0	T
29	712456	01/15/04	BC-4	387	NA	10/29/04	NA	0.140	NA	258.0	R
30	712456	01/15/04	BC-4	383	NA	10/29/04	NA	0.140	NA	258.0	R
31	701418	01/15/04	Electra	2314	DP-6	04/07/04	NA	0.220	NA	745.0	T
32	712456	01/16/04	BC-4	387	NA	10/29/04	NA	0.140	NA	258.0	R
33	712456	01/16/04	BC-4	383	NA	10/29/04	NA	0.140	NA	258.0	R
34	701418	01/16/04	Electra	1679	DP-6	06/22/04	NA	0.220	NA	745.0	T

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
35	712456	01/19/04	BC-4	694	NA	10/20/04	NA	0.140	NA	258.0	R
36	712456	01/19/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
37	701418	01/19/04	Electra	1679	DP-6	06/22/04	NA	0.220	NA	745.0	T
38	701418	01/20/04	BC-4	694	NA	10/20/04	NA	0.140	NA	258.0	R
39	701418	01/20/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
40	712456	01/20/04	Electra	1679	DP-6	06/22/04	NA	0.220	NA	745.0	T
41	701418	01/21/04	BC-4	694	NA	10/20/04	NA	0.140	NA	258.0	R
42	701418	01/21/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
43	712456	01/21/04	Electra	1679	DP-6	06/22/04	NA	0.220	NA	745.0	T
44	701418	01/22/04	BC-4	694	NA	10/20/04	NA	0.140	NA	258.0	R
45	701418	01/22/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
46	712456	01/22/04	Electra	1679	DP-6	06/22/04	NA	0.220	NA	745.0	T
47	712456	01/23/04	BC-4	694	NA	10/20/04	NA	0.140	NA	258.0	R
48	712456	01/23/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
49	701418	01/23/04	Electra	1679	DP-6	06/22/04	NA	0.220	NA	745.0	T
50	712193	10/08/04	Electra	1261	DP-8	02/26/05	NA	0.160	NA	745.0	S
51	711447	10/08/04	Electra	3250	DP-6	02/14/05	NA	0.220	NA	745.0	S
52	712467	10/08/04	Electra	661	DP-8	03/08/05	NA	0.160	NA	745.0	S
53	700831	10/08/04	Electra	3127	DP-6	02/16/05	NA	0.220	NA	745.0	S
54	712467	10/18/04	Electra	2404	DP-8	02/03/05	NA	0.160	NA	745.0	S
55	712193	10/18/04	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
56	712193	10/19/04	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
57	712467	10/19/04	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	T/S
58	712193	10/19/04	Electra	2352	DP-6	11/13/04	NA	0.220	NA	745.0	T/S
59	712467	10/20/04	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	T/S
60	712193	10/20/04	Electra	668	DP-8	03/14/05	NA	0.160	NA	745.0	S
61	712193	10/26/04	Electra	1417	DP-6	03/23/05	NA	0.220	NA	745.0	T/S
62	712467	10/26/04	Electra	1261	DP-8	02/26/05	NA	0.160	NA	745.0	S
63	712467	10/20/04	Ludlum 292	99042	NA	10/26/04	NA	0.250	NA	205.0	R
64	712193	10/26/04	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R
65	712467	11/12/04	Electra	660	DP-8	04/19/05	NA	0.160	NA	745.0	S
66	712193	11/12/04	Electra	1417	DP-6	03/23/05	NA	0.220	NA	745.0	T/S
67	712193	11/12/04	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R
68	700831	11/16/04	Electra	1672	DP-6	04/28/05	NA	0.220	NA	745.0	S

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
69	700831	11/16/04	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	T/S
70	511390	11/16/04	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	S
71	700831	11/16/04	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
72	711447	11/19/04	Electra	666	DP-8	03/08/05	NA	0.160	NA	745.0	S
73	700831	11/19/04	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
74	711447	11/20/04	Electra	1261	DP-8	02/26/05	NA	0.160	NA	745.0	S
75	700831	11/20/04	Electra	672	DP-8	01/20/05	NA	0.160	NA	745.0	S
76	711746	11/20/04	Electra	668	DP-8	03/14/05	NA	0.160	NA	745.0	S
77	711447	11/22/04	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	T/S
78	712467	11/22/04	Electra	1379	DP-6	05/09/05	NA	0.220	NA	745.0	T/S
79	700831	11/22/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
80	511390	11/23/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
81	511390	11/23/04	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R
82	711447	11/30/04	Electra	666	DP-8	03/08/05	NA	0.160	NA	745.0	S
83	711447	11/30/04	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	T/I/S
84	712467	12/01/04	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	T/S
85	712193	12/01/04	Electra	666	DP-8	03/08/05	NA	0.160	NA	745.0	S
86	712193	12/03/04	Electra	666	DP-8	03/08/05	NA	0.160	NA	745.0	S
87	712193	12/03/04	Electra	3101	DP-6	04/26/05	NA	0.220	NA	745.0	I/S
88	711447	12/03/04	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	T/I/S
89	700831	12/03/04	Electra	2340	DP-6	05/15/05	NA	0.220	NA	745.0	T/Q/S
90	700831	12/07/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
91	700831	12/07/04	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R
92	712467	12/07/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
93	712467	12/07/04	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Comments Sheet

General Comments: 1. Removed TSA/RSA survey locations 404, 430, 689, & 694 because the elevator is being managed as low-level waste.

TSA Comments: Survey locations 630, 706, 711 & 754 had elevated activity of 4,955.2 dpm/100cm2, 5,170.5 dpm/100cm2, 5925.0 dpm/100cm2 and 8870.5 dpm/100cm2 respectively. A 9 point investigation was conducted within the surrounding square meter of each of these locations and the results were averaged. The average of each location was below the DCGLw and is reported Net Beta column. No further action is required.

RSA Comments: N/A

Media Comments: 1. The following Media Sample locations were found to be above the Uranium limit of 5000 dpm/100cm2 during in-process surveys and media samples were not collected, or media samples were collected and found to be above the Uranium limit of 5000 dpm/100cm2 by laboratory analysis. Areas were scabbled out to nearest sample location that was below the Uranium limit of 5000 dpm/100cm2 or walls were removed. Sample locations 15, 16, 17, 19, 35, 39-77, 82-90, 97-106, 109-120, 122, 124, 126-128, 130, 136, 139, 142-144, 152, 153, 162, 163, 170, 185-196, 199, 209, 217-247, 275, 276, 286, 288, 290-301, 303, 305-310, and 312-325 were removed. rev. 1
2. Media samples (i.e., paint samples) were collected from all non-factory painted surfaces, either during in-process surveys or during the PDS. Since the PDS gridded maps were not completed at the time of the in-process media samples, these in-process media samples were collected at evenly spaced and biased locations throughout all non-factory painted surfaces, in the same density and fashion as if they were PDS gridded and biased locations. Additionally, if there were media sample data gaps discovered during the PDS process, additional media samples were collected at gridded TSA/RSA locations, and biased locations, as necessary. Media samples were not collected or required on bare concrete surfaces or factory painted metal/transite/etc. surfaces. Otherwise, all other painted surfaces were properly characterized per the PDSP requirements. If in-process media samples were collected in areas where the painted surfaces were removed during in-process shaving or scabbling, then these media samples were removed from the data set because they are no longer applicable. Areas on the media maps that do not show media sample locations, are areas where there were no painted surfaces or contained factory painted surfaces. Based on the above discussion, and in-process and PDS media samples collected to date, no further media samples are required to meet PDSP requirements for this survey unit. Both applicable in-process and PDS media samples are reported in this survey unit data summary report, and all media sample data meets PDSP unrestricted release criteria.

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N502	63	N/A	-6.8	N/A
444301PRP-N503	63	N/A	29.2	N/A
444301PRP-N504	63	N/A	-62.8	N/A
444301PRP-N505	63	N/A	-30.8	N/A
444301PRP-N506	63	N/A	-2.8	N/A
444301PRP-N507	64	N/A	270.7	N/A
444301PRP-N508	64	N/A	20.7	N/A
444301PRP-N509	63	N/A	-22.8	N/A
444301PRP-N510	63	N/A	1.2	N/A
444301PRP-N511	63	N/A	-6.8	N/A
444301PRP-N512	63	N/A	-22.8	N/A
444301PRP-N513	63	N/A	49.2	N/A
444301PRP-N514	63	N/A	-6.8	N/A
444301PRP-N515	63	N/A	5.2	N/A
444301PRP-N516	63	N/A	-38.8	N/A
444301PRP-N517	63	N/A	-30.8	N/A
444301PRP-N518	63	N/A	25.2	N/A
444301PRP-N519	63	N/A	49.2	N/A
444301PRP-N520	63	N/A	-18.8	N/A
444301PRP-N521	63	N/A	17.2	N/A
444301PRP-N522	63	N/A	-50.8	N/A
444301PRP-N523	63	N/A	-2.8	N/A
444301PRP-N524	63	N/A	5.2	N/A
444301PRP-N525	63	N/A	-38.8	N/A
444301PRP-N526	63	N/A	-34.8	N/A
444301PRP-N527	63	N/A	41.2	N/A
444301PRP-N528	63	N/A	-54.8	N/A
444301PRP-N529	63	N/A	-10.8	N/A
444301PRP-N530	63	N/A	5.2	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N531	63	N/A	-58.8	N/A
444301PRP-N532	63	N/A	21.2	N/A
444301PRP-N533	63	N/A	-54.8	N/A
444301PRP-N534	63	N/A	33.2	N/A
444301PRP-N535	63	N/A	13.2	N/A
444301PRP-N536	63	N/A	-34.8	N/A
444301PRP-N537	63	N/A	17.2	N/A
444301PRP-N538	63	N/A	-2.8	N/A
444301PRP-N539	63	N/A	-18.8	N/A
444301PRP-N540	63	N/A	-14.8	N/A
444301PRP-N541	63	N/A	33.2	N/A
444301PRP-N542	63	N/A	-18.8	N/A
444301PRP-N543	63	N/A	29.2	N/A
444301PRP-N544	63	N/A	65.2	N/A
444301PRP-N545	63	N/A	17.2	N/A
444301PRP-N546	63	N/A	-30.8	N/A
444301PRP-N547	63	N/A	-30.8	N/A
444301PRP-N548	63	N/A	-6.8	N/A
444301PRP-N549	63	N/A	-10.8	N/A
444301PRP-N550	63	N/A	21.2	N/A
444301PRP-N551	63	N/A	-42.8	N/A
444301PRP-N552	63	N/A	-50.8	N/A
444301PRP-N553	63	N/A	81.2	N/A
444301PRP-N554	64	N/A	27.8	N/A
444301PRP-N555	63	N/A	-26.8	N/A
444301PRP-N556	63	N/A	25.2	N/A
444301PRP-N557	63	N/A	-22.8	N/A
444301PRP-N558	63	N/A	37.2	N/A
444301PRP-N559	63	N/A	-10.8	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N560	63	N/A	33.2	N/A
444301PRP-N561	63	N/A	25.2	N/A
444301PRP-N562	63	N/A	-22.8	N/A
444301PRP-N563	63	N/A	9.2	N/A
444301PRP-N564	63	N/A	45.2	N/A
444301PRP-N565	63	N/A	-42.8	N/A
444301PRP-N566	63	N/A	-54.8	N/A
444301PRP-N567	63	N/A	-22.8	N/A
444301PRP-N568	63	N/A	-2.8	N/A
444301PRP-N569	63	N/A	73.2	N/A
444301PRP-N570	63	N/A	9.2	N/A
444301PRP-N571	63	N/A	-34.8	N/A
444301PRP-N572	63	N/A	33.2	N/A
444301PRP-N573	63	N/A	13.2	N/A
444301PRP-N574	63	N/A	45.2	N/A
444301PRP-N575	63	N/A	-58.8	N/A
444301PRP-N576	63	N/A	17.2	N/A
444301PRP-N577	63	N/A	1.2	N/A
444301PRP-N578	63	N/A	25.2	N/A
444301PRP-N579	63	N/A	-62.8	N/A
444301PRP-N580	63	N/A	-50.8	N/A
444301PRP-N581	63	N/A	-42.8	N/A
444301PRP-N582	63	N/A	37.2	N/A
444301PRP-N583	63	N/A	-70.8	N/A
444301PRP-N584	63	N/A	29.2	N/A
444301PRP-N585	63	N/A	-34.8	N/A
444301PRP-N586	63	N/A	-14.8	N/A
444301PRP-N587	63	N/A	13.2	N/A
444301PRP-N588	63	N/A	1.2	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N589	63	N/A	-14.8	N/A
444301PRP-N590	63	N/A	45.2	N/A
444301PRP-N591	63	N/A	-18.8	N/A
444301PRP-N592	63	N/A	29.2	N/A
444301PRP-N593	63	N/A	33.2	N/A
444301PRP-N594	63	N/A	13.2	N/A
444301PRP-N595	63	N/A	-10.8	N/A
444301PRP-N596	63	N/A	17.2	N/A
444301PRP-N597	63	N/A	-14.8	N/A
444301PRP-N598	63	N/A	-46.8	N/A
444301PRP-N599	63	N/A	73.2	N/A
444301PRP-N600	63	N/A	-54.8	N/A
444301PRP-N601	63	N/A	9.2	N/A
444301PRP-N602	63	N/A	45.2	N/A
444301PRP-N603	90	N/A	-62.1	N/A
444301PRP-N604	91	N/A	79.3	N/A
444301PRP-N605	92	N/A	2.1	N/A
444301PRP-N606	93	N/A	43.6	N/A
444301PRP-N607	90	N/A	23.6	N/A
444301PRP-N608	91	N/A	50.8	N/A
444301PRP-N609	92	N/A	-26.4	N/A
444301PRP-N610	93	N/A	-27.8	N/A
444301PRP-N611	90	N/A	-19.3	N/A
444301PRP-N612	91	N/A	0.8	N/A
444301PRP-N613	92	N/A	37.9	N/A
444301PRP-N614	93	N/A	-70.7	N/A
444301PRP-N615	90	N/A	-12.1	N/A
444301PRP-N616	91	N/A	36.5	N/A
444301PRP-N617	92	N/A	16.4	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N618	93	N/A	0.8	N/A
444301PRP-N619	90	N/A	-40.7	N/A
444301PRP-N620	91	N/A	29.3	N/A
444301PRP-N621	92	N/A	16.4	N/A
444301PRP-N622	93	N/A	-20.7	N/A
444301PRP-N623	90	N/A	9.3	N/A
444301PRP-N624	91	N/A	-35.0	N/A
444301PRP-N625	92	N/A	-62.1	N/A
444301PRP-N626	93	N/A	-6.4	N/A
444301PRP-N627	93	N/A	36.5	N/A
444301PRP-N628	93	N/A	7.9	N/A
444301PRP-N629	93	N/A	-13.5	N/A
444301PRP-N630	93	N/A	7.9	N/A
444301PRP-N631	93	N/A	-42.1	N/A
444301PRP-N632	93	N/A	-92.1	N/A
444301PRP-N633	93	N/A	43.6	N/A
444301PRP-N634	93	N/A	36.5	N/A
444301PRP-N635	93	N/A	79.3	N/A
444301PRP-N636	93	N/A	-56.4	N/A
444301PRP-N637	93	N/A	15.0	N/A
444301PRP-N638	93	N/A	-27.8	N/A
444301PRP-N639	93	N/A	-20.7	N/A
444301PRP-N640	93	N/A	-6.4	N/A
444301PRP-N641	93	N/A	29.3	N/A
444301PRP-N642	93	N/A	7.9	N/A
444301PRP-N643	93	N/A	115.0	N/A
444301PRP-N644	93	N/A	100.8	N/A
444301PRP-N645	93	N/A	79.3	N/A
444301PRP-N646	93	N/A	-6.4	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N647	93	N/A	29.3	N/A
444301PRP-N648	93	N/A	57.9	N/A
444301PRP-N649	93	N/A	86.5	N/A
444301PRP-N650	93	N/A	-20.7	N/A
444301PRP-N651	93	N/A	43.6	N/A
444301PRP-N652	93	N/A	65.0	N/A
444301PRP-N653	93	N/A	65.0	N/A
444301PRP-N654	93	N/A	86.5	N/A
444301PRP-N655	93	N/A	65.0	N/A
444301PRP-N656	91	N/A	57.9	N/A
444301PRP-N657	91	N/A	-13.5	N/A
444301PRP-N658	91	N/A	22.2	N/A
444301PRP-N659	91	N/A	36.5	N/A
444301PRP-N660	91	N/A	7.9	N/A
444301PRP-N661	91	N/A	65.0	N/A
444301PRP-N662	91	N/A	-49.2	N/A
444301PRP-N663	91	N/A	15.0	N/A
444301PRP-N664	91	N/A	79.3	N/A
444301PRP-N665	91	N/A	15.0	N/A
444301PRP-N666	91	N/A	36.5	N/A
444301PRP-N667	81	N/A	37.1	N/A
444301PRP-N668	80	N/A	47.1	N/A
444301PRP-N669	81	N/A	22.8	N/A
444301PRP-N670	80	N/A	32.8	N/A
444301PRP-N671	81	N/A	15.7	N/A
444301PRP-N672	80	N/A	11.4	N/A
444301PRP-N673	81	N/A	51.4	N/A
444301PRP-N674	80	N/A	32.8	N/A
444301PRP-N675	81	N/A	8.5	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N676	80	N/A	-10.0	N/A
444301PRP-N677	81	N/A	44.2	N/A
444301PRP-N678	80	N/A	47.1	N/A
444301PRP-N679	81	N/A	15.7	N/A
444301PRP-N680	67	N/A	72.8	N/A
444301PRP-N681	67	N/A	51.4	N/A
444301PRP-N682	67	N/A	58.6	N/A
444301PRP-N683	67	N/A	72.8	N/A
444301PRP-N684	67	N/A	80.0	N/A
444301PRP-N685	67	N/A	65.7	N/A
444301PRP-N686	67	N/A	58.6	N/A
444301PRP-N687	67	N/A	72.8	N/A
444301PRP-N688	67	N/A	65.7	N/A
444301PRP-N690	67	N/A	87.1	N/A
444301PRP-N691	67	N/A	44.3	N/A
444301PRP-N692	67	N/A	58.6	N/A
444301PRP-N693	67	N/A	30.0	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N001	3	N/A	18.5	5	N/A	18.6
444301PBP-N002	5	N/A	32.9	6	N/A	27.2
444301PBP-N003	6	N/A	20.0	3	N/A	54.2
444301PBP-N004	5	N/A	18.6	4	N/A	-74.3
444301PBP-N005	6	N/A	55.8	5	N/A	18.6
444301PBP-N006	5	N/A	32.9	6	N/A	112.9
444301PBP-N007	6	N/A	-15.7	3	N/A	-74.3
444301PBP-N008	5	N/A	4.3	4	N/A	4.3
444301PBP-N009	4	N/A	40.0	5	N/A	-10.0
444301PBP-N010	6	N/A	41.5	6	N/A	70.0
444301PBP-N011	3	N/A	-81.5	3	N/A	-67.2
444301PBP-N012	4	N/A	-117.1	4	N/A	-74.3
444301PBP-N013	5	N/A	75.7	5	N/A	168.6
444301PBP-N014	3	N/A	-17.2	6	N/A	62.9
444301PBP-N018	6	N/A	27.2	6	N/A	-15.7
444301PBP-N020	4	N/A	-24.3	4	N/A	-31.4
444301PBP-N021	5	N/A	161.4	5	N/A	75.7
444301PBP-N022	6	N/A	-30.0	6	N/A	-15.7
444301PBP-N023	23	N/A	0.7	23	N/A	-92.1
444301PBP-N024	24	N/A	14.3	24	N/A	71.4
444301PBP-N025	23	N/A	-13.5	23	N/A	-70.7
444301PBP-N026	24	N/A	85.7	24	N/A	42.8
444301PBP-N027	23	N/A	7.9	23	N/A	-27.8
444301PBP-N028	24	N/A	57.1	24	N/A	-21.5
444301PBP-N029	23	N/A	79.3	23	N/A	15.0
444301PBP-N030	24	N/A	14.3	24	N/A	-50.0
444301PBP-N031	23	N/A	-20.7	23	N/A	65.0

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N032	24	N/A	100.0	24	N/A	42.8
444301PBP-N033	23	N/A	50.7	23	N/A	115.0
444301PBP-N034	24	N/A	114.3	24	N/A	35.7
444301PBP-N036	24	N/A	35.7	24	N/A	-28.6
444301PBP-N037	23	N/A	29.3	23	N/A	-85.0
444301PBP-N038	24	N/A	64.3	24	N/A	0.0
444301PBP-N078	12	N/A	-107.1	12	N/A	21.4
444301PBP-N079	11	N/A	-74.3	11	N/A	111.4
444301PBP-N080	12	N/A	-50.0	12	N/A	-71.4
444301PBP-N081	11	N/A	-52.9	11	N/A	75.7
444301PBP-N091	15	N/A	17.9	15	N/A	3.6
444301PBP-N092	14	N/A	115.0	14	N/A	50.7
444301PBP-N093	15	N/A	-10.7	15	N/A	10.7
444301PBP-N094	14	N/A	79.3	14	N/A	36.5
444301PBP-N095	15	N/A	3.6	15	N/A	3.6
444301PBP-N096	14	N/A	50.7	14	N/A	115.0
444301PBP-N107	17	N/A	-7.9	17	N/A	-22.2
444301PBP-N108	18	N/A	13.6	18	N/A	6.5
444301PBP-N121	22	N/A	34.3	22	N/A	41.5
444301PBP-N123	22	N/A	-65.7	22	N/A	-108.5
444301PBP-N125	22	N/A	12.9	22	N/A	20.0
444301PBP-N129	22	N/A	41.5	22	N/A	55.8
444301PBP-N131	22	N/A	-37.1	22	N/A	155.8
444301PBP-N132	22	N/A	27.2	22	N/A	84.3
444301PBP-N133	22	N/A	41.5	22	N/A	41.5
444301PBP-N134	22	N/A	5.8	22	N/A	5.8
444301PBP-N135	22	N/A	5.8	22	N/A	-22.8

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N137	22	N/A	48.6	22	N/A	155.8
444301PBP-N138	22	N/A	-8.5	22	N/A	-30.0
444301PBP-N140	22	N/A	-15.7	22	N/A	41.5
444301PBP-N141	22	N/A	84.3	22	N/A	84.3
444301PBP-N145	22	N/A	-15.7	23	N/A	-56.4
444301PBP-N146	24	N/A	121.4	24	N/A	121.4
444301PBP-N147	23	N/A	22.2	23	N/A	-85.0
444301PBP-N148	24	N/A	-35.7	24	N/A	7.1
444301PBP-N149	26	N/A	60.0	26	N/A	-111.4
444301PBP-N150	27	N/A	39.3	27	N/A	25.0
444301PBP-N151	26	N/A	-4.3	26	N/A	-25.7
444301PBP-N154	27	N/A	46.4	27	N/A	3.6
444301PBP-N155	26	N/A	-75.7	26	N/A	-32.8
444301PBP-N156	27	N/A	-10.7	27	N/A	-17.8
444301PBP-N157	26	N/A	-68.5	26	N/A	17.2
444301PBP-N158	27	N/A	-10.7	27	N/A	25.0
444301PBP-N159	26	N/A	-18.5	26	N/A	24.3
444301PBP-N160	27	N/A	-32.1	27	N/A	39.3
444301PBP-N161	26	N/A	-4.3	26	N/A	-11.4
444301PBP-N164	27	N/A	3.6	27	N/A	-25.0
444301PBP-N165	26	N/A	124.3	26	N/A	2.9
444301PBP-N166	27	N/A	39.3	27	N/A	46.4
444301PBP-N167	26	N/A	-25.7	26	N/A	-40.0
444301PBP-N168	27	N/A	-67.8	27	N/A	-103.6
444301PBP-N169	26	N/A	24.3	26	N/A	-40.0
444301PBP-N171	29	N/A	22.2	29	N/A	29.3
444301PBP-N172	30	N/A	56.5	30	N/A	56.5

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N173	29	N/A	72.2	29	N/A	7.9
444301PBP-N174	30	N/A	35.0	30	N/A	70.7
444301PBP-N175	29	N/A	-27.8	29	N/A	-49.3
444301PBP-N176	30	N/A	20.7	30	N/A	13.6
444301PBP-N177	29	N/A	-56.4	29	N/A	-27.8
444301PBP-N178	30	N/A	-36.4	30	N/A	63.6
444301PBP-N179	29	N/A	-85.0	29	N/A	79.3
444301PBP-N180	30	N/A	42.2	30	N/A	-43.5
444301PBP-N181	29	N/A	29.3	29	N/A	15.0
444301PBP-N182	30	N/A	120.7	30	N/A	-15.0
444301PBP-N183	29	N/A	7.9	29	N/A	7.9
444301PBP-N184	30	N/A	42.2	30	N/A	-0.7
444301PBP-N197	32	N/A	-19.3	32	N/A	-12.2
444301PBP-N198	33	N/A	15.7	33	N/A	44.3
444301PBP-N200	32	N/A	80.7	32	N/A	-26.5
444301PBP-N201	33	N/A	1.4	33	N/A	51.4
444301PBP-N202	32	N/A	73.5	32	N/A	-33.6
444301PBP-N203	33	N/A	44.3	33	N/A	8.6
444301PBP-N204	32	N/A	45.0	32	N/A	-76.5
444301PBP-N205	33	N/A	8.6	33	N/A	1.4
444301PBP-N206	32	N/A	16.4	32	N/A	59.2
444301PBP-N207	33	N/A	-20.0	33	N/A	65.7
444301PBP-N208	32	N/A	-33.6	32	N/A	37.8
444301PBP-N210	32	N/A	52.1	33	N/A	-34.3
444301PBP-N211	33	N/A	58.6	32	N/A	30.7
444301PBP-N212	32	N/A	-5.0	33	N/A	87.2
444301PBP-N213	33	N/A	51.4	32	N/A	59.2

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N214	32	N/A	30.7	33	N/A	37.2
444301PBP-N215	33	N/A	-20.0	32	N/A	16.4
444301PBP-N216	35	N/A	35.8	33	N/A	-48.6
444301PBP-N248	38	N/A	16.4	38	N/A	45.0
444301PBP-N249	39	N/A	20.7	39	N/A	27.8
444301PBP-N250	38	N/A	-33.6	38	N/A	52.1
444301PBP-N251	39	N/A	42.1	39	N/A	-7.9
444301PBP-N252	38	N/A	52.1	38	N/A	-5.0
444301PBP-N253	39	N/A	-43.6	39	N/A	-57.9
444301PBP-N254	38	N/A	80.7	38	N/A	2.1
444301PBP-N255	39	N/A	-29.3	39	N/A	70.7
444301PBP-N256	38	N/A	-47.9	38	N/A	52.1
444301PBP-N257	39	N/A	6.4	39	N/A	20.7
444301PBP-N258	38	N/A	-26.4	35	N/A	21.5
444301PBP-N259	39	N/A	-72.2	39	N/A	-22.2
444301PBP-N260	38	N/A	52.1	38	N/A	16.4
444301PBP-N261	39	N/A	-36.5	39	N/A	-72.2
444301PBP-N262	41	N/A	59.3	41	N/A	-19.3
444301PBP-N263	42	N/A	-17.8	42	N/A	-32.1
444301PBP-N264	41	N/A	273.6	41	N/A	-40.7
444301PBP-N265	42	N/A	17.9	42	N/A	25.0
444301PBP-N266	41	N/A	9.3	41	N/A	23.6
444301PBP-N267	42	N/A	-3.5	42	N/A	3.6
444301PBP-N268	41	N/A	66.5	41	N/A	-33.5
444301PBP-N269	42	N/A	-53.5	42	N/A	-46.4
444301PBP-N270	41	N/A	-12.1	41	N/A	-69.3
444301PBP-N271	42	N/A	96.5	42	N/A	32.2

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N272	41	N/A	-33.5	41	N/A	-12.1
444301PBP-N273	42	N/A	117.9	42	N/A	3.6
444301PBP-N274	41	N/A	9.3	41	N/A	-5.0
444301PBP-N277	42	N/A	75.0	42	N/A	-17.8
444301PBP-N278	41	N/A	45.0	41	N/A	-19.3
444301PBP-N279	42	N/A	25.0	42	N/A	-25.0
444301PBP-N280	41	N/A	52.2	41	N/A	-62.1
444301PBP-N281	42	N/A	-10.7	42	N/A	-60.7
444301PBP-N282	41	N/A	23.6	41	N/A	-5.0
444301PBP-N283	42	N/A	67.9	42	N/A	25.0
444301PBP-N284	41	N/A	66.5	41	N/A	102.2
444301PBP-N285	42	N/A	53.6	42	N/A	96.5
444301PBP-N287	44	N/A	41.5	44	N/A	91.5
444301PBP-N289	44	N/A	-8.5	44	N/A	-37.1
444301PBP-N302	45	N/A	-2.2	45	N/A	-23.6
444301PBP-N304	45	N/A	33.5	45	N/A	19.3
444301PBP-N311	44	N/A	20.0	44	N/A	62.9
444301PBP-N695	90	N/A	-5.0	N/A	N/A	N/A
444301PBP-N696	90	N/A	30.7	N/A	N/A	N/A
444301PBP-N697	90	N/A	-33.6	N/A	N/A	N/A
444301PBP-N698	90	N/A	30.7	N/A	N/A	N/A
444301PBP-N699	90	N/A	9.3	N/A	N/A	N/A
444301PBP-N700	90	N/A	-12.1	N/A	N/A	N/A
444301PBP-N701	90	N/A	-12.1	N/A	N/A	N/A
444301PBP-N702	90	N/A	-33.6	N/A	N/A	N/A
444301PBP-N703	90	N/A	-26.4	N/A	N/A	N/A
444301PBP-N704	90	N/A	-5.0	N/A	N/A	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N705	90	N/A	-33.6	N/A	N/A	N/A
444301PBP-N706	90	N/A	16.4	N/A	N/A	N/A
444301PBP-N707	90	N/A	37.9	N/A	N/A	N/A
444301PBP-N708	90	N/A	9.3	N/A	N/A	N/A
444301PBP-N709	90	N/A	73.6	N/A	N/A	N/A
444301PBP-N710	90	N/A	-90.7	N/A	N/A	N/A
444301PBP-N711	90	N/A	-5.0	N/A	N/A	N/A
444301PBP-N712	90	N/A	-5.0	N/A	N/A	N/A
444301PBP-N713	90	N/A	87.9	N/A	N/A	N/A
444301PBP-N714	90	N/A	-12.1	N/A	N/A	N/A
444301PBP-N715	90	N/A	2.1	N/A	N/A	N/A
444301PBP-N716	93	N/A	7.9	N/A	N/A	N/A
444301PBP-N717	93	N/A	0.8	N/A	N/A	N/A
444301PBP-N718	93	N/A	22.2	N/A	N/A	N/A
444301PBP-N719	93	N/A	107.9	N/A	N/A	N/A
444301PBP-N720	93	N/A	22.2	N/A	N/A	N/A
444301PBP-N721	93	N/A	-13.5	N/A	N/A	N/A
444301PBP-N722	93	N/A	43.6	N/A	N/A	N/A
444301PBP-N723	93	N/A	43.6	N/A	N/A	N/A
444301PBP-N724	93	N/A	-77.8	N/A	N/A	N/A
444301PBP-N725	93	N/A	0.8	N/A	N/A	N/A
444301PBP-N726	93	N/A	-20.7	N/A	N/A	N/A
444301PBP-N727	93	N/A	7.9	N/A	N/A	N/A
444301PBP-N728	93	N/A	-20.7	N/A	N/A	N/A
444301PBP-N729	93	N/A	-27.8	N/A	N/A	N/A
444301PBP-N730	93	N/A	29.3	N/A	N/A	N/A
444301PBP-N731	93	N/A	0.8	N/A	N/A	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N732	93	N/A	50.8	N/A	N/A	N/A
444301PBP-N733	93	N/A	22.2	N/A	N/A	N/A
444301PBP-N734	93	N/A	-13.5	N/A	N/A	N/A
444301PBP-N735	93	N/A	36.5	N/A	N/A	N/A
444301PBP-N736	93	N/A	-27.8	N/A	N/A	N/A
444301PBP-N737	93	N/A	-6.4	N/A	N/A	N/A
444301PBP-N738	93	N/A	7.9	N/A	N/A	N/A
444301PBP-N739	93	N/A	0.8	N/A	N/A	N/A
444301PBP-N740	93	N/A	22.2	N/A	N/A	N/A
444301PBP-N741	93	N/A	-13.5	N/A	N/A	N/A
444301PBP-N742	93	N/A	-35.0	N/A	N/A	N/A
444301PBP-N743	93	N/A	65.0	N/A	N/A	N/A
444301PBP-N744	93	N/A	-6.4	N/A	N/A	N/A
444301PBP-N745	93	N/A	43.6	N/A	N/A	N/A
444301PBP-N746	90	N/A	66.4	N/A	N/A	N/A
444301PBP-N747	90	N/A	-69.3	N/A	N/A	N/A
444301PBP-N748	90	N/A	-90.7	N/A	N/A	N/A
444301PBP-N749	90	N/A	-26.4	N/A	N/A	N/A
444301PBP-N750	90	N/A	23.6	N/A	N/A	N/A
444301PBP-N751	90	N/A	-69.3	N/A	N/A	N/A
444301PBP-N752	90	N/A	-33.6	N/A	N/A	N/A
444301PBP-N753	90	N/A	-12.1	N/A	N/A	N/A
444301PBP-N754	90	N/A	-90.7	N/A	N/A	N/A
444301PBP-N755	90	N/A	-5.0	N/A	N/A	N/A
444301PBP-N756	90	N/A	16.4	N/A	N/A	N/A
444301PBP-N757	90	N/A	-55.0	N/A	N/A	N/A
444301PBP-N758	90	N/A	-19.3	N/A	N/A	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N759	90	N/A	109.3	N/A	N/A	N/A
444301PBP-N760	90	N/A	66.4	N/A	N/A	N/A
444301PBP-N761	90	N/A	-19.3	N/A	N/A	N/A
444301PBP-N762	90	N/A	2.1	N/A	N/A	N/A
444301PBP-N763	90	N/A	9.3	N/A	N/A	N/A
444301PBP-N764	90	N/A	23.6	N/A	N/A	N/A
444301PBP-N765	90	N/A	23.6	N/A	N/A	N/A
444301PBP-N766	90	N/A	-19.3	N/A	N/A	N/A
444301PBP-N767	90	N/A	52.1	N/A	N/A	N/A
444301PBP-N768	90	N/A	-26.4	N/A	N/A	N/A
444301PBP-N769	90	N/A	-19.3	N/A	N/A	N/A
444301PBP-N770	90	N/A	-33.6	N/A	N/A	N/A
444301PBP-N771	90	N/A	66.4	N/A	N/A	N/A
444301PBP-N772	90	N/A	-83.6	N/A	N/A	N/A
444301PBP-N773	90	N/A	52.1	N/A	N/A	N/A
444301PBP-N774	90	N/A	-5.0	N/A	N/A	N/A
444301PBP-N775	90	N/A	-33.6	N/A	N/A	N/A
444301PBP-N776	91	N/A	7.9	N/A	N/A	N/A
444301PBP-N777	91	N/A	57.9	N/A	N/A	N/A
444301PBP-N778	91	N/A	43.6	N/A	N/A	N/A
444301PBP-N779	91	N/A	-20.7	N/A	N/A	N/A
444301PBP-N780	91	N/A	43.6	N/A	N/A	N/A
444301PBP-N781	91	N/A	-27.8	N/A	N/A	N/A
444301PBP-N782	91	N/A	-20.7	N/A	N/A	N/A
444301PBP-N783	91	N/A	50.8	N/A	N/A	N/A
444301PBP-N784	91	N/A	0.8	N/A	N/A	N/A
444301PBP-N785	91	N/A	-27.8	N/A	N/A	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N786	91	N/A	0.8	N/A	N/A	N/A
444301PBP-N787	91	N/A	15.0	N/A	N/A	N/A
444301PBP-N788	91	N/A	-6.4	N/A	N/A	N/A
444301PBP-N789	91	N/A	7.9	N/A	N/A	N/A
444301PBP-N790	91	N/A	-27.8	N/A	N/A	N/A
444301PBP-N791	91	N/A	-6.4	N/A	N/A	N/A
444301PBP-N792	91	N/A	29.3	N/A	N/A	N/A
444301PBP-N793	91	N/A	-13.5	N/A	N/A	N/A
444301PBP-N794	91	N/A	15.0	N/A	N/A	N/A
444301PBP-N795	91	N/A	72.2	N/A	N/A	N/A
444301PBP-N796	91	N/A	15.0	N/A	N/A	N/A
444301PBP-N797	91	N/A	22.2	N/A	N/A	N/A
444301PBP-N798	91	N/A	43.6	N/A	N/A	N/A
444301PBP-N799	91	N/A	0.8	N/A	N/A	N/A
444301PBP-N800	91	N/A	50.8	N/A	N/A	N/A
444301PBP-N801	91	N/A	0.8	N/A	N/A	N/A
444301PBP-N802	91	N/A	-63.5	N/A	N/A	N/A
444301PBP-N803	91	N/A	93.6	N/A	N/A	N/A
444301PBP-N804	91	N/A	-56.4	N/A	N/A	N/A
444301PBP-N805	91	N/A	29.3	N/A	N/A	N/A
444301PBP-N806	92	N/A	-5.0	N/A	N/A	N/A
444301PBP-N807	92	N/A	9.3	N/A	N/A	N/A
444301PBP-N808	92	N/A	-33.6	N/A	N/A	N/A
444301PBP-N809	92	N/A	-5.0	N/A	N/A	N/A
444301PBP-N810	92	N/A	9.3	N/A	N/A	N/A
444301PBP-N811	92	N/A	-33.6	N/A	N/A	N/A
444301PBP-N812	92	N/A	-5.0	N/A	N/A	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N813	92	N/A	2.1	N/A	N/A	N/A
444301PBP-N814	92	N/A	-19.3	N/A	N/A	N/A
444301PBP-N815	92	N/A	-26.4	N/A	N/A	N/A
444301PBP-N816	92	N/A	-12.1	N/A	N/A	N/A
444301PBP-N817	92	N/A	-33.6	N/A	N/A	N/A
444301PBP-N818	92	N/A	-33.6	N/A	N/A	N/A
444301PBP-N819	92	N/A	-33.6	N/A	N/A	N/A
444301PBP-N820	92	N/A	109.3	N/A	N/A	N/A
444301PBP-N821	92	N/A	45.0	N/A	N/A	N/A
444301PBP-N822	92	N/A	52.1	N/A	N/A	N/A
444301PBP-N823	92	N/A	30.7	N/A	N/A	N/A
444301PBP-N824	92	N/A	-12.1	N/A	N/A	N/A
444301PBP-N825	92	N/A	-12.1	N/A	N/A	N/A
444301PBP-N826	92	N/A	-40.7	N/A	N/A	N/A
444301PBP-N827	92	N/A	30.7	N/A	N/A	N/A
444301PBP-N828	92	N/A	-12.1	N/A	N/A	N/A
444301PBP-N829	92	N/A	59.3	N/A	N/A	N/A
444301PBP-N830	92	N/A	2.1	N/A	N/A	N/A
444301PBP-N831	92	N/A	-5.0	N/A	N/A	N/A
444301PBP-N832	92	N/A	30.7	N/A	N/A	N/A
444301PBP-N833	92	N/A	23.6	N/A	N/A	N/A
444301PBP-N834	92	N/A	-33.6	N/A	N/A	N/A
444301PBP-N835	92	N/A	87.9	N/A	N/A	N/A
444301PBP-N836	93	N/A	-20.7	N/A	N/A	N/A
444301PBP-N837	93	N/A	36.5	N/A	N/A	N/A
444301PBP-N838	93	N/A	-56.4	N/A	N/A	N/A
444301PBP-N839	93	N/A	15.0	N/A	N/A	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N840	93	N/A	-20.7	N/A	N/A	N/A
444301PBP-N841	93	N/A	22.2	N/A	N/A	N/A
444301PBP-N842	93	N/A	43.6	N/A	N/A	N/A
444301PBP-N843	93	N/A	15.0	N/A	N/A	N/A
444301PBP-N844	93	N/A	43.6	N/A	N/A	N/A
444301PBP-N845	93	N/A	-27.8	N/A	N/A	N/A
444301PBP-N846	93	N/A	0.8	N/A	N/A	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N326	84	N/A	-117.5	N/A
444301PRP-N327	84	N/A	-417.5	N/A
444301PRP-N328	84	N/A	-235.7	N/A
444301PRP-N329	84	N/A	-490.3	N/A
444301PRP-N330	84	N/A	-135.7	N/A
444301PRP-N331	84	N/A	-635.7	N/A
444301PRP-N332	84	N/A	-208.4	N/A
444301PRP-N333	84	N/A	-1,022.1	N/A
444301PRP-N334	84	N/A	2,400.6	N/A
444301QRP-N334	89	N/A	1,805.5	N/A
444301PRP-N335	84	N/A	1,191.6	N/A
444301PRP-N336	84	N/A	91.6	N/A
444301PRP-N337	84	N/A	814.3	N/A
444301PRP-N338	84	N/A	-426.6	N/A
444301PRP-N339	84	N/A	650.6	N/A
444301PRP-N340	84	N/A	-790.3	N/A
444301PRP-N341	84	N/A	-335.7	N/A
444301PRP-N342	84	N/A	655.2	N/A
444301PRP-N343	84	N/A	14.3	N/A
444301PRP-N344	84	N/A	959.7	N/A
444301PRP-N345	84	N/A	396.1	N/A
444301PRP-N346	84	N/A	1,005.2	N/A
444301PRP-N347	84	N/A	1,977.9	N/A
444301QRP-N347	89	N/A	1,369.1	N/A
444301PRP-N348	84	N/A	741.6	N/A
444301PRP-N349	84	N/A	1,050.6	N/A
444301PRP-N350	84	N/A	1,414.3	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N351	84	N/A	218.8	N/A
444301PRP-N352	84	N/A	2,059.7	N/A
444301PRP-N353	84	N/A	791.6	N/A
444301PRP-N354	84	N/A	3,037.0	N/A
444301QRP-N354	89	N/A	2,378.2	N/A
444301PRP-N355	84	N/A	1,359.7	N/A
444301PRP-N356	84	N/A	1,027.9	N/A
444301PRP-N357	84	N/A	2,623.4	N/A
444301QRP-N357	89	N/A	1,873.6	N/A
444301PRP-N358	84	N/A	768.8	N/A
444301PRP-N359	84	N/A	1,332.5	N/A
444301PRP-N360	84	N/A	227.9	N/A
444301PRP-N361	84	N/A	-117.5	N/A
444301PRP-N362	84	N/A	-1,503.9	N/A
444301PRP-N363	84	N/A	-426.6	N/A
444301PRP-N364	84	N/A	5.2	N/A
444301PRP-N365	84	N/A	41.6	N/A
444301PRP-N366	77	N/A	2,573.4	N/A
444301QRP-N366	89	N/A	1,832.7	N/A
444301PRP-N367	77	N/A	1,337.0	N/A
444301PRP-N368	77	N/A	1,791.6	N/A
444301PRP-N369	77	N/A	1,664.3	N/A
444301PRP-N370	77	N/A	1,514.3	N/A
444301PRP-N371	77	N/A	1,318.8	N/A
444301PRP-N372	77	N/A	1,968.8	N/A
444301PRP-N373	77	N/A	3,059.7	N/A
444301QRP-N373	89	N/A	2,537.3	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N374	77	N/A	1,914.3	N/A
444301PRP-N375	77	N/A	827.9	N/A
444301PRP-N376	77	N/A	1,287.0	N/A
444301PRP-N377	77	N/A	1,505.2	N/A
444301PRP-N378	77	N/A	2,159.7	N/A
444301QRP-N378	89	N/A	1,432.7	N/A
444301PRP-N379	77	N/A	1,723.4	N/A
444301PRP-N380	77	N/A	1,655.2	N/A
444301PRP-N381	77	N/A	1,396.1	N/A
444301PRP-N382	77	N/A	2,287.0	N/A
444301PRP-N383	77	N/A	1,418.8	N/A
444301PRP-N384	77	N/A	1,573.4	N/A
444301PRP-N385	77	N/A	1,364.3	N/A
444301PRP-N386	77	N/A	1,905.2	N/A
444301PRP-N387	77	N/A	959.7	N/A
444301PRP-N388	77	N/A	1,082.5	N/A
444301PRP-N389	77	N/A	1,573.4	N/A
444301PRP-N390	77	N/A	1,846.1	N/A
444301PRP-N391	77	N/A	4,137.0	N/A
444301QRP-N391	89	N/A	3,310.0	N/A
444301PRP-N392	77	N/A	1,414.3	N/A
444301PRP-N393	77	N/A	1,755.2	N/A
444301PRP-N394	77	N/A	587.0	N/A
444301PRP-N395	77	N/A	1,827.9	N/A
444301PRP-N396	77	N/A	1,000.6	N/A
444301PRP-N397	78	N/A	1,555.2	N/A
444301PRP-N398	78	N/A	1,841.6	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N451	78	N/A	1,105.2	N/A
444301PRP-N452	78	N/A	1,459.7	N/A
444301PRP-N453	78	N/A	291.6	N/A
444301PRP-N454	78	N/A	914.3	N/A
444301PRP-N455	78	N/A	877.9	N/A
444301PRP-N456	78	N/A	250.6	N/A
444301PRP-N457	78	N/A	1,437.0	N/A
444301PRP-N458	78	N/A	1,150.6	N/A
444301PRP-N459	78	N/A	537.0	N/A
444301PRP-N460	78	N/A	1,859.7	N/A
444301PRP-N461	78	N/A	-2,217.5	N/A
444301PRP-N462	78	N/A	-1,772.1	N/A
444301PRP-N463	78	N/A	-1,713.0	N/A
444301PRP-N464	57	N/A	-13.0	N/A
444301PRP-N465	57	N/A	177.9	N/A
444301PRP-N466	58	N/A	27.9	N/A
444301PRP-N467	57	N/A	277.9	N/A
444301PRP-N468	58	N/A	405.2	N/A
444301PRP-N469	57	N/A	259.7	N/A
444301PRP-N470	58	N/A	187.0	N/A
444301PRP-N471	57	N/A	509.7	N/A
444301PRP-N472	58	N/A	323.4	N/A
444301PRP-N473	57	N/A	405.2	N/A
444301PRP-N474	58	N/A	396.1	N/A
444301PRP-N475	57	N/A	327.9	N/A
444301PRP-N476	58	N/A	414.3	N/A
444301PRP-N477	57	N/A	341.6	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N399	78	N/A	1,850.6	N/A
444301PRP-N400	78	N/A	1,223.4	N/A
444301PRP-N401	78	N/A	1,873.4	N/A
444301PRP-N402	78	N/A	3,459.7	N/A
444301QRP-N402	89	N/A	3,019.1	N/A
444301PRP-N403	78	N/A	568.8	N/A
444301PRP-N405	78	N/A	1,541.6	N/A
444301PRP-N406	78	N/A	1,409.7	N/A
444301PRP-N407	78	N/A	1,523.4	N/A
444301PRP-N408	78	N/A	1,487.0	N/A
444301PRP-N409	78	N/A	887.0	N/A
444301PRP-N410	78	N/A	1,755.2	N/A
444301PRP-N411	78	N/A	1,705.2	N/A
444301PRP-N412	78	N/A	2,332.5	N/A
444301QRP-N412	89	N/A	1,760.0	N/A
444301PRP-N413	84	N/A	1,105.2	N/A
444301PRP-N414	78	N/A	1,073.4	N/A
444301PRP-N415	78	N/A	1,368.8	N/A
444301PRP-N416	78	N/A	1,087.0	N/A
444301PRP-N417	78	N/A	1,441.6	N/A
444301PRP-N418	78	N/A	1,068.8	N/A
444301PRP-N419	78	N/A	837.0	N/A
444301PRP-N420	78	N/A	700.6	N/A
444301PRP-N421	78	N/A	1,591.6	N/A
444301PRP-N422	78	N/A	1,655.2	N/A
444301PRP-N423	78	N/A	1,741.6	N/A
444301PRP-N424	78	N/A	2,277.9	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301QRP-N424	89	N/A	1,587.3	N/A
444301PRP-N425	78	N/A	387.0	N/A
444301PRP-N426	78	N/A	1,359.7	N/A
444301PRP-N427	78	N/A	532.5	N/A
444301PRP-N428	78	N/A	-935.7	N/A
444301PRP-N429	78	N/A	768.8	N/A
444301PRP-N431	78	N/A	168.8	N/A
444301PRP-N432	78	N/A	1,577.9	N/A
444301PRP-N433	78	N/A	891.6	N/A
444301PRP-N434	78	N/A	187.0	N/A
444301PRP-N435	78	N/A	223.4	N/A
444301PRP-N436	78	N/A	214.3	N/A
444301PRP-N437	78	N/A	1,132.5	N/A
444301PRP-N438	78	N/A	459.7	N/A
444301PRP-N439	78	N/A	1,309.7	N/A
444301PRP-N440	78	N/A	568.8	N/A
444301PRP-N441	78	N/A	-135.7	N/A
444301PRP-N442	78	N/A	168.8	N/A
444301PRP-N443	78	N/A	577.9	N/A
444301PRP-N444	78	N/A	241.6	N/A
444301PRP-N445	78	N/A	323.4	N/A
444301PRP-N446	78	N/A	1,923.4	N/A
444301QRP-N446	89	N/A	1,310.0	N/A
444301PRP-N447	78	N/A	477.9	N/A
444301PRP-N448	78	N/A	1,109.7	N/A
444301PRP-N449	78	N/A	1,323.4	N/A
444301PRP-N450	78	N/A	487.0	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N478	58	N/A	146.1	N/A
444301PRP-N479	57	N/A	309.7	N/A
444301PRP-N480	58	N/A	155.2	N/A
444301PRP-N481	57	N/A	546.1	N/A
444301PRP-N482	58	N/A	168.8	N/A
444301PRP-N483	57	N/A	-217.5	N/A
444301PRP-N484	58	N/A	68.8	N/A
444301PRP-N485	57	N/A	300.6	N/A
444301PRP-N486	58	N/A	214.3	N/A
444301PRP-N487	57	N/A	573.4	N/A
444301PRP-N488	58	N/A	696.1	N/A
444301PRP-N489	57	N/A	773.4	N/A
444301PRP-N490	58	N/A	714.3	N/A
444301PRP-N491	57	N/A	814.3	N/A
444301PRP-N492	58	N/A	800.6	N/A
444301PRP-N493	57	N/A	1,032.5	N/A
444301PRP-N494	58	N/A	905.2	N/A
444301PRP-N495	57	N/A	823.4	N/A
444301PRP-N496	58	N/A	714.3	N/A
444301PRP-N497	57	N/A	559.7	N/A
444301PRP-N498	58	N/A	1,832.5	N/A
444301QRP-N498	89	N/A	1,296.4	N/A
444301PRP-N499	57	N/A	618.8	N/A
444301PRP-N500	58	N/A	887.0	N/A
444301PRP-N501	57	N/A	1,141.6	N/A
444301PRP-N502	58	N/A	932.5	N/A
444301PRP-N503	57	N/A	1,550.6	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N504	58	N/A	855.2	N/A
444301PRP-N505	57	N/A	968.8	N/A
444301PRP-N506	58	N/A	1,382.5	N/A
444301PRP-N507	61	N/A	387.0	N/A
444301PRP-N508	61	N/A	464.3	N/A
444301PRP-N509	57	N/A	155.2	N/A
444301PRP-N510	58	N/A	59.7	N/A
444301PRP-N511	57	N/A	1,787.0	N/A
444301PRP-N512	58	N/A	805.2	N/A
444301PRP-N513	57	N/A	1,382.5	N/A
444301PRP-N514	58	N/A	1,655.2	N/A
444301PRP-N515	57	N/A	1,500.6	N/A
444301PRP-N516	58	N/A	2,014.3	N/A
444301QRP-N516	89	N/A	1,241.8	N/A
444301PRP-N517	57	N/A	523.4	N/A
444301PRP-N518	58	N/A	805.2	N/A
444301PRP-N519	57	N/A	1,168.8	N/A
444301PRP-N520	58	N/A	937.0	N/A
444301PRP-N521	57	N/A	1,105.2	N/A
444301PRP-N522	58	N/A	705.2	N/A
444301PRP-N523	57	N/A	727.9	N/A
444301PRP-N524	58	N/A	723.4	N/A
444301PRP-N525	59	N/A	1,196.1	N/A
444301PRP-N526	59	N/A	1,746.1	N/A
444301PRP-N527	59	N/A	864.3	N/A
444301PRP-N528	59	N/A	2,214.3	N/A
444301QRP-N528	89	N/A	1,373.6	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW-areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N529	59	N/A	1,068.8	N/A
444301PRP-N530	59	N/A	859.7	N/A
444301PRP-N531	59	N/A	627.9	N/A
444301PRP-N532	59	N/A	837.0	N/A
444301PRP-N533	59	N/A	-117.5	N/A
444301PRP-N534	59	N/A	-1,103.9	N/A
444301PRP-N535	59	N/A	1,159.7	N/A
444301PRP-N536	59	N/A	1,168.8	N/A
444301PRP-N537	59	N/A	1,164.3	N/A
444301PRP-N538	59	N/A	882.5	N/A
444301PRP-N539	59	N/A	1,268.8	N/A
444301PRP-N540	59	N/A	777.9	N/A
444301PRP-N541	59	N/A	864.3	N/A
444301PRP-N542	59	N/A	705.2	N/A
444301PRP-N543	57	N/A	923.4	N/A
444301PRP-N544	58	N/A	1,218.8	N/A
444301PRP-N545	57	N/A	918.8	N/A
444301PRP-N546	58	N/A	687.0	N/A
444301PRP-N547	57	N/A	1,105.2	N/A
444301PRP-N548	58	N/A	509.7	N/A
444301PRP-N549	57	N/A	1,205.2	N/A
444301PRP-N550	58	N/A	1,246.1	N/A
444301PRP-N551	57	N/A	1,491.6	N/A
444301PRP-N552	58	N/A	2,523.4	N/A
444301PRP-N553	57	N/A	1,209.7	N/A
444301PRP-N554	61	N/A	787.0	N/A
444301PRP-N555	57	N/A	2,005.2	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N556	58	N/A	1,096.1	N/A
444301PRP-N557	57	N/A	377.9	N/A
444301PRP-N558	58	N/A	155.2	N/A
444301PRP-N559	57	N/A	887.0	N/A
444301PRP-N560	58	N/A	1,005.2	N/A
444301PRP-N561	57	N/A	1,277.9	N/A
444301PRP-N562	58	N/A	1,041.6	N/A
444301PRP-N563	57	N/A	1,296.1	N/A
444301PRP-N564	58	N/A	982.5	N/A
444301PRP-N565	57	N/A	1,232.5	N/A
444301PRP-N566	58	N/A	1,227.9	N/A
444301PRP-N567	57	N/A	846.1	N/A
444301PRP-N568	58	N/A	941.6	N/A
444301PRP-N569	57	N/A	1,332.5	N/A
444301PRP-N570	58	N/A	614.3	N/A
444301PRP-N571	57	N/A	755.2	N/A
444301PRP-N572	58	N/A	800.6	N/A
444301PRP-N573	59	N/A	896.1	N/A
444301PRP-N574	59	N/A	1,255.2	N/A
444301PRP-N575	59	N/A	996.1	N/A
444301PRP-N576	59	N/A	696.1	N/A
444301PRP-N577	59	N/A	891.6	N/A
444301PRP-N578	59	N/A	441.6	N/A
444301PRP-N579	59	N/A	855.2	N/A
444301PRP-N580	59	N/A	837.0	N/A
444301PRP-N581	59	N/A	482.5	N/A
444301PRP-N582	59	N/A	409.7	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N583	59	N/A	227.9	N/A
444301PRP-N584	59	N/A	305.2	N/A
444301PRP-N585	59	N/A	373.4	N/A
444301PRP-N586	59	N/A	432.5	N/A
444301PRP-N587	59	N/A	127.9	N/A
444301PRP-N588	59	N/A	514.3	N/A
444301PRP-N589	59	N/A	150.6	N/A
444301PRP-N590	59	N/A	391.6	N/A
444301PRP-N591	59	N/A	459.7	N/A
444301PRP-N592	59	N/A	332.5	N/A
444301PRP-N593	59	N/A	364.3	N/A
444301PRP-N594	59	N/A	482.5	N/A
444301PRP-N595	59	N/A	523.4	N/A
444301PRP-N596	59	N/A	264.3	N/A
444301PRP-N597	59	N/A	323.4	N/A
444301PRP-N598	59	N/A	155.2	N/A
444301PRP-N599	59	N/A	323.4	N/A
444301PRP-N600	59	N/A	246.1	N/A
444301PRP-N601	59	N/A	146.1	N/A
444301PRP-N602	59	N/A	200.6	N/A
444301PRP-N603	83	N/A	759.7	N/A
444301PRP-N604	83	N/A	1,923.4	N/A
444301PRP-N605	83	N/A	1,877.9	N/A
444301PRP-N606	83	N/A	2,596.1	N/A
444301QRP-N606	89	N/A	1,764.6	N/A
444301PRP-N607	83	N/A	1,682.5	N/A
444301PRP-N608	83	N/A	1,100.6	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N609	83	N/A	2,041.6	N/A
444301PRP-N610	83	N/A	2,250.6	N/A
444301PRP-N611	83	N/A	1,123.4	N/A
444301PRP-N612	83	N/A	1,114.3	N/A
444301PRP-N613	83	N/A	796.1	N/A
444301PRP-N614	83	N/A	1,214.3	N/A
444301PRP-N615	83	N/A	409.7	N/A
444301PRP-N616	83	N/A	1,237.0	N/A
444301PRP-N617	83	N/A	946.1	N/A
444301PRP-N618	83	N/A	1,850.6	N/A
444301PRP-N619	83	N/A	846.1	N/A
444301PRP-N620	83	N/A	1,018.8	N/A
444301PRP-N621	83	N/A	2,091.6	N/A
444301PRP-N622	83	N/A	1,237.0	N/A
444301PRP-N623	83	N/A	2,132.5	N/A
444301PRP-N624	83	N/A	1,132.5	N/A
444301PRP-N625	83	N/A	1,373.4	N/A
444301PRP-N626	83	N/A	1,241.6	N/A
444301PRP-N627	83	N/A	1,223.4	N/A
444301PRP-N628	83	N/A	1,405.2	N/A
444301PRP-N629	83	N/A	959.7	N/A
444301SRP-N630	83	N/A	1,365.7	N/A
444301QRP-N630	89	N/A	4,155.5	N/A
444301PRP-N631	83	N/A	1,314.3	N/A
444301PRP-N632	83	N/A	1,387.0	N/A
444301PRP-N633	83	N/A	1,118.8	N/A
444301PRP-N634	83	N/A	1,223.4	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N635	83	N/A	1,073.4	N/A
444301PRP-N636	83	N/A	1,882.5	N/A
444301PRP-N637	83	N/A	1,500.6	N/A
444301PRP-N638	83	N/A	918.8	N/A
444301PRP-N639	83	N/A	1,600.6	N/A
444301PRP-N640	83	N/A	914.3	N/A
444301PRP-N641	83	N/A	350.6	N/A
444301PRP-N642	83	N/A	1,287.0	N/A
444301PRP-N643	83	N/A	1,605.2	N/A
444301PRP-N644	83	N/A	2,041.6	N/A
444301PRP-N645	83	N/A	1,987.0	N/A
444301PRP-N646	83	N/A	1,805.2	N/A
444301PRP-N647	83	N/A	1,373.4	N/A
444301PRP-N648	83	N/A	1,405.2	N/A
444301PRP-N649	83	N/A	1,973.4	N/A
444301PRP-N650	83	N/A	2,927.9	N/A
444301QRP-N650	89	N/A	2,382.7	N/A
444301PRP-N651	83	N/A	1,818.8	N/A
444301PRP-N652	83	N/A	2,223.4	N/A
444301PRP-N653	83	N/A	2,459.7	N/A
444301PRP-N654	83	N/A	2,259.7	N/A
444301QRP-N654	89	N/A	1,528.2	N/A
444301PRP-N655	83	N/A	1,300.6	N/A
444301PRP-N656	83	N/A	1,232.5	N/A
444301PRP-N657	83	N/A	1,405.2	N/A
444301PRP-N658	83	N/A	1,237.0	N/A
444301PRP-N659	83	N/A	1,468.8	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N660	83	N/A	1,141.6	N/A
444301PRP-N661	83	N/A	1,500.6	N/A
444301PRP-N662	83	N/A	1,427.9	N/A
444301PRP-N663	83	N/A	1,146.1	N/A
444301PRP-N664	83	N/A	1,773.4	N/A
444301PRP-N665	83	N/A	1,414.3	N/A
444301PRP-N666	83	N/A	1,191.6	N/A
444301PRP-N667	69	N/A	1,446.1	N/A
444301PRP-N668	69	N/A	887.0	N/A
444301PRP-N669	69	N/A	1,073.4	N/A
444301PRP-N670	69	N/A	1,396.1	N/A
444301PRP-N671	69	N/A	1,173.4	N/A
444301PRP-N672	69	N/A	682.5	N/A
444301PRP-N673	69	N/A	937.0	N/A
444301PRP-N674	69	N/A	1,137.0	N/A
444301PRP-N675	69	N/A	1,600.6	N/A
444301PRP-N676	69	N/A	732.5	N/A
444301PRP-N677	69	N/A	764.3	N/A
444301PRP-N678	69	N/A	714.3	N/A
444301PRP-N679	69	N/A	1,064.3	N/A
444301PRP-N680	66	N/A	973.4	N/A
444301PRP-N681	66	N/A	364.3	N/A
444301PRP-N682	66	N/A	568.8	N/A
444301PRP-N683	66	N/A	796.1	N/A
444301PRP-N684	66	N/A	1,123.4	N/A
444301PRP-N685	66	N/A	309.7	N/A
444301PRP-N686	66	N/A	673.4	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444301PRP-N687	66	N/A	655.2	N/A
444301PRP-N688	66	N/A	650.6	N/A
444301PRP-N690	66	N/A	614.3	N/A
444301PRP-N691	66	N/A	1,609.7	N/A
444301PRP-N692	66	N/A	614.3	N/A
444301PRP-N693	66	N/A	896.1	N/A

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y Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N001	1	N/A	1,556.9	2	N/A	2,577.1
444301SBP-N001		N/A	N/A	2	N/A	2,577.1
444301PBP-N002	1	N/A	766.0	2	N/A	2,077.1
444301PBP-N003	1	N/A	1,170.5	2	N/A	2,140.7
444301PBP-N004	1	N/A	1,120.5	2	N/A	1,840.7
444301PBP-N005	1	N/A	1,293.2	2	N/A	1,713.5
444301PBP-N006	1	N/A	1,761.4	2	N/A	1,890.7
444301PBP-N007	1	N/A	1,975.0	2	N/A	2,381.6
444301PBP-N008	1	N/A	1,484.1	2	N/A	2,308.9
444301PBP-N009	1	N/A	1,229.6	2	N/A	2,340.7
444301PBP-N010	1	N/A	1,488.7	1	N/A	2,113.5
444301PBP-N011	1	N/A	1,588.7	1	N/A	1,795.3
444301PBP-N012	2	N/A	-1,143.1	2	N/A	-841.1
444301PBP-N013	2	N/A	84.1	2	N/A	408.9
444301PBP-N014	1	N/A	-1,115.9	1	N/A	-1,136.5
444301PBP-N018	2	N/A	11.4	1	N/A	368.0
444301PBP-N020	2	N/A	-11.3	2	N/A	277.1
444301PBP-N021	2	N/A	643.2	1	N/A	899.8
444301PBP-N022	2	N/A	-1,011.3	1	N/A	-986.5
444301PBP-N023	2	N/A	170.5	25	N/A	718.0
444301PBP-N024	25	N/A	170.5	25	N/A	345.3
444301PBP-N025	25	N/A	-125.0	25	N/A	395.3
444301PBP-N026	25	N/A	-329.5	25	N/A	1,072.5
444301PBP-N027	25	N/A	-143.1	25	N/A	-495.6
444301PBP-N028	25	N/A	-615.9	25	N/A	686.2
444301PBP-N029	25	N/A	-270.4	25	N/A	1,236.2
444301PBP-N030	25	N/A	-284.0	25	N/A	736.2

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N172	31	N/A	-611.3	31	N/A	918.0
444301PBP-N173	31	N/A	34.1	31	N/A	945.3
444301PBP-N174	31	N/A	-475.0	31	N/A	668.0
444301PBP-N175	31	N/A	-75.0	31	N/A	513.5
444301PBP-N176	31	N/A	-65.9	31	N/A	845.3
444301PBP-N177	31	N/A	-815.9	31	N/A	581.6
444301PBP-N178	31	N/A	-579.5	31	N/A	636.2
444301PBP-N179	31	N/A	-529.5	31	N/A	122.5
444301PBP-N180	31	N/A	-215.9	31	N/A	258.9
444301PBP-N181	31	N/A	-597.7	31	N/A	431.6
444301PBP-N182	31	N/A	-515.9	31	N/A	890.7
444301PBP-N183	31	N/A	-561.3	31	N/A	240.7
444301PBP-N184	31	N/A	-470.4	31	N/A	308.9
444301PBP-N197	34	N/A	234.1	34	N/A	1,758.9
444301PBP-N198	34	N/A	1,379.6	34	N/A	1,536.2
444301PBP-N200	34	N/A	2,238.7	34	N/A	1,863.5
444301PBP-N201	34	N/A	1,525.0	34	N/A	2,031.6
444301PBP-N202	34	N/A	2,056.9	34	N/A	1,168.0
444301PBP-N203	34	N/A	2,284.1	34	N/A	1,658.9
444301PBP-N204	34	N/A	238.7	34	N/A	736.2
444301PBP-N205	34	N/A	716.0	34	N/A	1,045.3
444301PBP-N206	34	N/A	2,284.1	34	N/A	1,590.7
444301PBP-N207	34	N/A	1,888.7	34	N/A	1,095.3
444301PBP-N208	34	N/A	2,102.3	34	N/A	1,131.6
444301PBP-N210	34	N/A	852.3	34	N/A	899.8
444301PBP-N211	34	N/A	616.0	34	N/A	840.7
444301PBP-N212	34	N/A	2,079.6	34	N/A	890.7

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N135	21	N/A	1,202.3	21	N/A	908.9
444301PBP-N137	21	N/A	2,216.0	21	N/A	999.8
444301PBP-N138	21	N/A	2,197.8	21	N/A	1,177.1
444301PBP-N140	21	N/A	1,034.1	21	N/A	1,045.3
444301PBP-N141	21	N/A	956.9	21	N/A	922.5
444301PBP-N145	25	N/A	-84.0	25	N/A	1,281.6
444301PBP-N146	25	N/A	-511.3	25	N/A	1,163.5
444301PBP-N147	25	N/A	-56.8	25	N/A	868.0
444301PBP-N148	25	N/A	-747.7	25	N/A	772.5
444301PBP-N149	28	N/A	-102.2	28	N/A	636.2
444301PBP-N150	28	N/A	270.5	28	N/A	913.5
444301PBP-N151	28	N/A	1,711.4	28	N/A	963.5
444301PBP-N154	28	N/A	-256.8	28	N/A	781.6
444301PBP-N155	28	N/A	-602.2	28	N/A	772.5
444301PBP-N156	28	N/A	-184.0	28	N/A	972.5
444301PBP-N157	28	N/A	-620.4	28	N/A	768.0
444301PBP-N158	28	N/A	-429.5	28	N/A	577.1
444301PBP-N159	28	N/A	-788.6	28	N/A	631.6
444301PBP-N160	28	N/A	-143.1	28	N/A	504.4
444301PBP-N161	28	N/A	102.3	28	N/A	449.8
444301PBP-N164	28	N/A	-456.8	28	N/A	458.9
444301PBP-N165	28	N/A	947.8	28	N/A	2,408.9
444301PBP-N166	28	N/A	-1,002.2	28	N/A	-100.2
444301PBP-N167	28	N/A	-606.8	28	N/A	-241.1
444301PBP-N168	28	N/A	-1,170.4	28	N/A	-263.8
444301PBP-N169	28	N/A	-1,047.7	28	N/A	-263.8
444301PBP-N171	31	N/A	-1,175.0	31	N/A	240.7

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N031	25	N/A	-184.0	25	N/A	1,368.0
444301PBP-N032	25	N/A	-293.1	25	N/A	363.5
444301PBP-N033	25	N/A	-843.1	25	N/A	299.8
444301PBP-N034	25	N/A	-784.0	25	N/A	258.9
444301PBP-N036	25	N/A	88.7	25	N/A	668.0
444301PBP-N037	25	N/A	-238.6	25	N/A	986.2
444301PBP-N038	25	N/A	261.4	25	N/A	908.9
444301PBP-N078	13	N/A	138.7	13	N/A	722.5
444301PBP-N079	13	N/A	306.9	13	N/A	627.1
444301PBP-N080	13	N/A	756.9	13	N/A	1,022.5
444301PBP-N081	13	N/A	306.9	13	N/A	681.6
444301PBP-N091	13	N/A	638.7	16	N/A	1,013.5
444301PBP-N092	16	N/A	652.3	16	N/A	1,218.0
444301PBP-N093	16	N/A	193.2	16	N/A	1,263.5
444301PBP-N094	16	N/A	329.6	16	N/A	1,027.1
444301PBP-N095	16	N/A	1,256.9	16	N/A	854.4
444301PBP-N096	16	N/A	1,811.4	16	N/A	1,718.0
444301PBP-N107	19	N/A	1,834.1	19	N/A	2,781.6
444301PBP-N108	19	N/A	2,197.8	19	N/A	2,204.4
444301PBP-N121	21	N/A	2,661.4	21	N/A	1,863.5
444301PBP-N123	21	N/A	1,366.0	21	N/A	1,963.5
444301PBP-N125	21	N/A	1,897.8	21	N/A	1,554.4
444301PBP-N129	21	N/A	2,193.2	21	N/A	727.1
444301PBP-N131	21	N/A	2,352.3	21	N/A	1,486.2
444301PBP-N132	21	N/A	661.4	21	N/A	758.9
444301PBP-N133	21	N/A	288.7	21	N/A	858.9
444301PBP-N134	21	N/A	2,097.8	21	N/A	1,386.2

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N213	34	N/A	852.3	34	N/A	1,249.8
444301PBP-N214	34	N/A	302.3	34	N/A	1,468.0
444301PBP-N215	34	N/A	820.5	34	N/A	1,008.9
444301PBP-N216	34	N/A	1,806.9	34	N/A	1,299.8
444301PBP-N248	40	N/A	1,679.6	40	N/A	1,536.2
444301PBP-N249	40	N/A	-143.1	40	N/A	1,058.9
444301PBP-N250	40	N/A	1,193.2	40	N/A	1,195.3
444301PBP-N251	40	N/A	1,125.0	40	N/A	1,463.5
444301PBP-N252	40	N/A	152.3	40	N/A	1,299.8
444301PBP-N253	40	N/A	602.3	40	N/A	1,486.2
444301PBP-N254	40	N/A	1,193.2	40	N/A	1,095.3
444301PBP-N255	40	N/A	488.7	40	N/A	1,863.5
444301PBP-N256	40	N/A	197.8	40	N/A	1,418.0
444301PBP-N257	40	N/A	284.1	40	N/A	1,590.7
444301PBP-N258	40	N/A	-65.9	40	N/A	1,572.5
444301PBP-N259	40	N/A	616.0	40	N/A	1,181.6
444301PBP-N260	40	N/A	716.0	40	N/A	1,572.5
444301PBP-N261	40	N/A	616.0	40	N/A	1,113.5
444301PBP-N262	43	N/A	1,375.0	43	N/A	786.2
444301PBP-N263	43	N/A	1,143.2	43	N/A	622.5
444301PBP-N264	43	N/A	1,175.0	43	N/A	1,195.3
444301PBP-N265	43	N/A	616.0	43	N/A	1,554.4
444301PBP-N266	43	N/A	2,438.7	43	N/A	1,254.4
444301PBP-N267	43	N/A	1,297.8	43	N/A	1,127.1
444301PBP-N268	43	N/A	2,729.6	40	N/A	1,740.7
444301PBP-N269	43	N/A	2,670.5	43	N/A	2,595.3
444301PBP-N270	43	N/A	1,211.4	43	N/A	1,349.8

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N271	43	N/A	2,252.3	43	N/A	1,145.3
444301PBP-N272	43	N/A	188.7	43	N/A	736.2
444301PBP-N273	43	N/A	1,966.0	43	N/A	1,313.5
444301PBP-N274	43	N/A	629.6	43	N/A	1,436.2
444301PBP-N277	43	N/A	2,693.2	43	N/A	1,254.4
444301PBP-N278	43	N/A	766.0	43	N/A	1,263.5
444301PBP-N279	43	N/A	1,193.2	43	N/A	904.4
444301PBP-N280	43	N/A	2,625.0	43	N/A	1,181.6
444301PBP-N281	43	N/A	561.4	43	N/A	1,454.4
444301PBP-N282	43	N/A	1,634.1	43	N/A	1,077.1
444301PBP-N283	43	N/A	1,602.3	43	N/A	1,863.5
444301PBP-N284	43	N/A	1,193.2	43	N/A	786.2
444301PBP-N285	43	N/A	911.4	43	N/A	1,163.5
444301PBP-N287	43	N/A	1,584.1	43	N/A	1,299.8
444301PBP-N289	46	N/A	434.1	46	N/A	1,649.8
444301PBP-N302	46	N/A	1,647.8	46	N/A	1,536.2
444301PBP-N304	46	N/A	2,129.6	46	N/A	1,249.8
444301PBP-N311	46	N/A	2,066.0	46	N/A	1,845.3
444301PBP-N695	88	N/A	1,284.1	N/A	N/A	N/A
444301PBP-N696	88	N/A	1,834.1	N/A	N/A	N/A
444301PBP-N697	88	N/A	1,897.8	N/A	N/A	N/A
444301PBP-N698	88	N/A	2,047.8	N/A	N/A	N/A
444301PBP-N699	88	N/A	1,688.7	N/A	N/A	N/A
444301PBP-N700	88	N/A	1,706.9	N/A	N/A	N/A
444301PBP-N701	88	N/A	679.6	N/A	N/A	N/A
444301PBP-N702	88	N/A	1,175.0	N/A	N/A	N/A
444301PBP-N703	88	N/A	1,743.2	N/A	N/A	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N704	88	N/A	1,320.5	N/A	N/A	N/A
444301PBP-N705	88	N/A	4,675.0	N/A	N/A	N/A
444301SBP-N706	88	N/A	1,520.2	N/A	N/A	N/A
444301SBP-N706	88	N/A	1,520.2	N/A	N/A	N/A
444301PBP-N707	88	N/A	3,602.3	N/A	N/A	N/A
444301PBP-N708	88	N/A	3,188.7	N/A	N/A	N/A
444301PBP-N709	88	N/A	3,129.6	N/A	N/A	N/A
444301PBP-N710	88	N/A	1,966.0	N/A	N/A	N/A
444301SBP-N711	88	N/A	1,977.3	N/A	N/A	N/A
444301SBP-N711	88	N/A	1,977.3	N/A	N/A	N/A
444301PBP-N712	88	N/A	4,243.2	N/A	N/A	N/A
444301PBP-N713	88	N/A	4,006.9	N/A	N/A	N/A
444301PBP-N714	88	N/A	3,029.6	N/A	N/A	N/A
444301PBP-N715	88	N/A	1,725.0	N/A	N/A	N/A
444301PBP-N716	88	N/A	1,720.5	N/A	N/A	N/A
444301PBP-N717	88	N/A	3,056.9	N/A	N/A	N/A
444301PBP-N718	88	N/A	1,079.6	N/A	N/A	N/A
444301PBP-N719	88	N/A	1,379.6	N/A	N/A	N/A
444301PBP-N720	88	N/A	1,302.3	N/A	N/A	N/A
444301PBP-N721	88	N/A	2,002.3	N/A	N/A	N/A
444301PBP-N722	88	N/A	1,747.8	N/A	N/A	N/A
444301PBP-N723	88	N/A	1,816.0	N/A	N/A	N/A
444301PBP-N724	88	N/A	1,761.4	N/A	N/A	N/A
444301PBP-N725	88	N/A	1,747.8	N/A	N/A	N/A
444301PBP-N726	88	N/A	1,756.9	N/A	N/A	N/A
444301PBP-N727	89	N/A	1,284.1	N/A	N/A	N/A
444301PBP-N728	89	N/A	647.8	N/A	N/A	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N729	89	N/A	1,688.7	N/A	N/A	N/A
444301PBP-N730	89	N/A	1,666.0	N/A	N/A	N/A
444301PBP-N731	89	N/A	2,093.2	N/A	N/A	N/A
444301PBP-N732	89	N/A	1,038.7	N/A	N/A	N/A
444301PBP-N733	89	N/A	1,256.9	N/A	N/A	N/A
444301PBP-N734	89	N/A	1,656.9	N/A	N/A	N/A
444301PBP-N735	89	N/A	947.8	N/A	N/A	N/A
444301PBP-N736	89	N/A	3,120.5	N/A	N/A	N/A
444301PBP-N737	89	N/A	2,475.0	N/A	N/A	N/A
444301PBP-N738	89	N/A	1,411.4	N/A	N/A	N/A
444301PBP-N739	89	N/A	3,047.8	N/A	N/A	N/A
444301PBP-N740	89	N/A	329.6	N/A	N/A	N/A
444301PBP-N741	89	N/A	1,702.3	N/A	N/A	N/A
444301PBP-N742	89	N/A	1,456.9	N/A	N/A	N/A
444301PBP-N743	89	N/A	1,252.3	N/A	N/A	N/A
444301PBP-N744	89	N/A	4,361.4	N/A	N/A	N/A
444301PBP-N745	89	N/A	3,293.2	N/A	N/A	N/A
444301PBP-N746	89	N/A	2,843.2	N/A	N/A	N/A
444301PBP-N747	89	N/A	2,620.5	N/A	N/A	N/A
444301PBP-N748	89	N/A	2,284.1	N/A	N/A	N/A
444301PBP-N749	89	N/A	1,852.3	N/A	N/A	N/A
444301PBP-N750	89	N/A	2,952.3	N/A	N/A	N/A
444301PBP-N751	89	N/A	2,520.5	N/A	N/A	N/A
444301PBP-N752	89	N/A	3,543.2	N/A	N/A	N/A
444301PBP-N753	89	N/A	1,861.4	N/A	N/A	N/A
444301SBP-N754	87	N/A	2,234.8	N/A	N/A	N/A
444301SBP-N754	87	N/A	2,234.8	N/A	N/A	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N755	89	N/A	1,797.8	N/A	N/A	N/A
444301PBP-N756	89	N/A	1,138.7	N/A	N/A	N/A
444301PBP-N757	89	N/A	1,661.4	N/A	N/A	N/A
444301PBP-N758	89	N/A	3,279.6	N/A	N/A	N/A
444301PBP-N759	89	N/A	2,093.2	N/A	N/A	N/A
444301PBP-N760	89	N/A	1,697.8	N/A	N/A	N/A
444301PBP-N761	89	N/A	820.5	N/A	N/A	N/A
444301PBP-N762	89	N/A	1,829.6	N/A	N/A	N/A
444301PBP-N763	89	N/A	861.4	N/A	N/A	N/A
444301PBP-N764	89	N/A	1,529.6	N/A	N/A	N/A
444301PBP-N765	89	N/A	1,306.9	N/A	N/A	N/A
444301PBP-N766	89	N/A	1,706.9	N/A	N/A	N/A
444301PBP-N767	89	N/A	1,643.2	N/A	N/A	N/A
444301PBP-N768	89	N/A	1,756.9	N/A	N/A	N/A
444301PBP-N769	89	N/A	2,184.1	N/A	N/A	N/A
444301PBP-N770	89	N/A	1,256.9	N/A	N/A	N/A
444301PBP-N771	89	N/A	297.8	N/A	N/A	N/A
444301PBP-N772	89	N/A	1,029.6	N/A	N/A	N/A
444301PBP-N773	89	N/A	1,875.0	N/A	N/A	N/A
444301PBP-N774	89	N/A	2,625.0	N/A	N/A	N/A
444301PBP-N775	89	N/A	2,138.7	N/A	N/A	N/A
444301PBP-N776	89	N/A	1,861.4	N/A	N/A	N/A
444301PBP-N777	89	N/A	2,247.8	N/A	N/A	N/A
444301PBP-N778	89	N/A	1,538.7	N/A	N/A	N/A
444301PBP-N779	89	N/A	2,488.7	N/A	N/A	N/A
444301PBP-N780	89	N/A	2,347.8	N/A	N/A	N/A
444301PBP-N781	89	N/A	2,320.5	N/A	N/A	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N782	89	N/A	1,993.2	N/A	N/A	N/A
444301PBP-N783	88	N/A	2,193.2	N/A	N/A	N/A
444301PBP-N784	88	N/A	1,311.4	N/A	N/A	N/A
444301PBP-N785	88	N/A	784.1	N/A	N/A	N/A
444301PBP-N786	88	N/A	1,270.5	N/A	N/A	N/A
444301PBP-N787	88	N/A	1,484.1	N/A	N/A	N/A
444301PBP-N788	88	N/A	2,293.2	N/A	N/A	N/A
444301PBP-N789	88	N/A	2,756.9	N/A	N/A	N/A
444301PBP-N790	88	N/A	2,184.1	N/A	N/A	N/A
444301PBP-N791	88	N/A	1,688.7	N/A	N/A	N/A
444301PBP-N792	88	N/A	1,770.5	N/A	N/A	N/A
444301PBP-N793	88	N/A	2,006.9	N/A	N/A	N/A
444301PBP-N794	88	N/A	1,843.2	N/A	N/A	N/A
444301PBP-N795	88	N/A	1,811.4	N/A	N/A	N/A
444301PBP-N796	88	N/A	1,897.8	N/A	N/A	N/A
444301PBP-N797	88	N/A	1,893.2	N/A	N/A	N/A
444301PBP-N798	88	N/A	2,838.7	N/A	N/A	N/A
444301PBP-N799	88	N/A	1,538.7	N/A	N/A	N/A
444301PBP-N800	88	N/A	1,679.6	N/A	N/A	N/A
444301PBP-N801	88	N/A	1,066.0	N/A	N/A	N/A
444301PBP-N802	88	N/A	1,820.5	N/A	N/A	N/A
444301PBP-N803	88	N/A	1,375.0	N/A	N/A	N/A
444301PBP-N804	88	N/A	1,561.4	N/A	N/A	N/A
444301PBP-N805	88	N/A	1,784.1	N/A	N/A	N/A
444301PBP-N806	88	N/A	1,752.3	N/A	N/A	N/A
444301PBP-N807	88	N/A	2,075.0	N/A	N/A	N/A
444301PBP-N808	88	N/A	2,629.6	N/A	N/A	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N809	88	N/A	2,829.6	N/A	N/A	N/A
444301PBP-N810	88	N/A	943.2	N/A	N/A	N/A
444301PBP-N811	89	N/A	1,438.7	N/A	N/A	N/A
444301PBP-N812	89	N/A	2,093.2	N/A	N/A	N/A
444301PBP-N813	89	N/A	1,175.0	N/A	N/A	N/A
444301PBP-N814	89	N/A	2,279.6	N/A	N/A	N/A
444301PBP-N815	89	N/A	2,925.0	N/A	N/A	N/A
444301PBP-N816	89	N/A	1,520.5	N/A	N/A	N/A
444301PBP-N817	89	N/A	2,393.2	N/A	N/A	N/A
444301PBP-N818	89	N/A	1,693.2	N/A	N/A	N/A
444301PBP-N819	89	N/A	1,266.0	N/A	N/A	N/A
444301PBP-N820	89	N/A	2,447.8	N/A	N/A	N/A
444301PBP-N821	89	N/A	1,725.0	N/A	N/A	N/A
444301PBP-N822	89	N/A	911.4	N/A	N/A	N/A
444301PBP-N823	89	N/A	2,234.1	N/A	N/A	N/A
444301PBP-N824	89	N/A	2,093.2	N/A	N/A	N/A
444301PBP-N825	89	N/A	2,079.6	N/A	N/A	N/A
444301PBP-N826	89	N/A	752.3	N/A	N/A	N/A
444301PBP-N827	89	N/A	2,284.1	N/A	N/A	N/A
444301PBP-N828	89	N/A	2,156.9	N/A	N/A	N/A
444301PBP-N829	89	N/A	3,652.3	N/A	N/A	N/A
444301PBP-N830	89	N/A	1,897.8	N/A	N/A	N/A
444301PBP-N831	89	N/A	456.9	N/A	N/A	N/A
444301PBP-N832	89	N/A	1,506.9	N/A	N/A	N/A
444301PBP-N833	89	N/A	3,970.5	N/A	N/A	N/A
444301PBP-N834	89	N/A	1,934.1	N/A	N/A	N/A
444301PBP-N835	89	N/A	1,770.5	N/A	N/A	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444301PBP-N836	89	N/A	1,511.4	N/A	N/A	N/A
444301PBP-N837	89	N/A	2,729.6	N/A	N/A	N/A
444301PBP-N838	89	N/A	2,093.2	N/A	N/A	N/A
444301PBP-N839	88	N/A	1,988.7	N/A	N/A	N/A
444301PBP-N840	88	N/A	1,806.9	N/A	N/A	N/A
444301PBP-N841	88	N/A	1,379.6	N/A	N/A	N/A
444301PBP-N842	88	N/A	1,129.6	N/A	N/A	N/A
444301PBP-N843	88	N/A	2,079.6	N/A	N/A	N/A
444301PBP-N844	88	N/A	1,629.6	N/A	N/A	N/A
444301PBP-N845	88	N/A	3,175.0	N/A	N/A	N/A
444301PBP-N846	88	N/A	1,720.5	N/A	N/A	N/A

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Media Samples Data Sheet

Site Sample ID / Nbr ---------- Description	Nuclide	Sample (pCi/g)	Sample MDA (pCi/g)	Weight (g)	Surface Area (in²)	Sample Nuclide (dpm/100cm²)	Sample Nuclide MDA (dpm/100cm²)	Sample Total (dpm/100cm²)
04S0130-023.001 1	U234	2.0400	0.6590	709.80	24.5	2,034	657	
B444 VIA 3 room 212B Samples 1-14 and 18, and 20-22	U235	0.1820	0.0750			181	75	**Uranium**
	U238	2.0400	0.6590			2,034	657	4,249
	Pu239/240	0.0000	0.8640			0	861	**Transuranic**
	Am241	0.0000	0.1200			0	120	0
04S0125-023.001 23	U234	2.5700	0.5370	215.90	24.5	779	163	
B444 VIA 3 Room 201 Samples 23-29	U235	0.2100	0.0770			64	23	**Uranium**
	U238	2.5700	0.5370			779	163	1,622
	Pu239/240	0.0000	0.7128			0	216	**Transuranic**
	Am241	0.0000	0.0990			0	30	0
04S0125-024.001 30	U234	1.4200	0.5090	239.10	24.5	477	171	
B444 VIA 3 Room 201 Samples 30-34, and 36	U235	0.0470	0.0660			16	22	**Uranium**
	U238	1.4200	0.5090			477	171	970
	Pu239/240	0.0000	0.6624			0	222	**Transuranic**
	Am241	0.0000	0.0920			0	31	0
04S0125-025.001 37	U234	2.3200	0.5390	228.30	24.5	744	173	
B444 VIA 3 Room 201 Samples 37-38, 145-148	U235	0.1370	0.0730			44	23	**Uranium**
	U238	2.3200	0.5390			744	173	1,532
	Pu239/240	0.0000	0.6912			0	222	**Transuranic**
	Am241	0.0000	0.0960			0	31	0
04S0129-037.001 78	U234	2.0400	0.5300	210.80	24.5	604	157	
B444 VIA 3 Room 212A Samples 78-81	U235	0.1380	0.0680			41	20	**Uranium**
	U238	2.0400	0.5300			604	157	1,249
	Pu239/240	0.0000	0.7272			0	215	**Transuranic**
	Am241	0.0000	0.1010			0	30	0
04S0128-015.001 91	U234	4.2800	0.6420	208.80	24.5	1,255	188	
B444 VIA 3 Room 205 Sample 91-96	U235	0.2390	0.0810			70	24	**Uranium**
	U238	4.2800	0.6420			1,255	188	2,580
	Pu239/240	0.0000	0.9216			0	270	**Transuranic**
	Am241	0.0000	0.1280			0	38	0
04D0348-006.001 107	U234	35.1000	4.5400	6.10	24.5	301	39	
B444 VIA 3 Room 201 Sample 107	U235	0.7930	0.4260			7	4	**Uranium**
	U238	35.1000	4.5400			301	39	608
	Pu239/240	0.0000	3.9960			0	34	**Transuranic**
	Am241	0.0000	0.5550			0	5	0

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Media Samples Data Sheet

Site Sample ID / Nbr ---------- Description	Nuclide	Sample (pCi/g)	Sample MDA (pCi/g)	Weight (g)	Surface Area (in²)	Sample Nuclide (dpm/100cm²)	Sample Nuclide MDA (dpm/100cm²)	Sample Total (dpm/100cm²)
04D0348-007.001 108	U234	34.3000	2.4400	8.10	24.5	390	28	
B444 VIA 3 Room 201 Sample 108	U235	0.3220	0.3570			4	4	**Uranium**
	U238	34.3000	2.4400			390	28	784
	Pu239/240	0.0000	3.0600			0	35	**Transuranic**
	Am241	0.0000	0.4250			0	5	0
04S0126-001.001 121	U234	75.8000	5.1200	4.80	24.5	511	35	
B444 Via 3 Room 201 Samples 121	U235	1.3100	0.8140			9	6	**Uranium**
	U238	75.8000	5.1200			511	35	1,031
	Pu239/240	0.0000	5.1768			0	35	**Transuranic**
	Am241	0.0000	0.7190			0	5	0
04S0126-002.001 123	U234	34.7000	2.0400	15.80	24.5	770	45	
B444 VIA 3 Room 201 Sample 123	U235	0.7880	0.3110			18	7	**Uranium**
	U238	34.7000	2.0400			770	45	1,558
	Pu239/240	0.0000	2.3400			0	52	**Transuranic**
	Am241	0.0000	0.3250			0	7	0
04S0126-003.001 125	U234	19.2000	1.9500	23.10	24.5	623	63	
B444 VIA 3 Room 201 Samples 125	U235	0.4830	0.2270			16	7	**Uranium**
	U238	19.2000	1.9500			623	63	1,262
	Pu239/240	0.0000	1.8360			0	60	**Transuranic**
	Am241	0.0000	0.2550			0	8	0
04S0126-004.001 129	U234	14.9000	1.4000	26.40	24.5	553	52	
B444 VIA 3 Room 201 Sample 129	U235	0.3400	0.2220			13	8	**Uranium**
	U238	14.9000	1.4000			553	52	1,118
	Pu239/240	0.0000	1.5984			0	59	**Transuranic**
	Am241	0.0000	0.2220			0	8	0
04S0126-005.001 131	U234	39.8000	1.9800	17.10	24.5	956	48	
B444 VIA 3 Room 201 Samples 131	U235	0.6160	0.3170			15	8	**Uranium**
	U238	39.8000	1.9800			956	48	1,927
	Pu239/240	0.0000	2.2464			0	54	**Transuranic**
	Am241	0.0000	0.3120			0	8	0
04S0126-006.001 132	U234	18.0000	1.5500	35.10	24.5	887	76	
B444 VIA 3 Room 201 Sample 132	U235	0.5720	0.1770			28	9	**Uranium**
	U238	18.0000	1.5500			887	76	1,803
	Pu239/240	0.0000	1.6632			0	82	**Transuranic**
	Am241	0.0000	0.2310			0	11	0

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Media Samples Data Sheet

Site Sample ID / Nbr ---------- Description	Nuclide	Sample (pCi/g)	Sample MDA (pCi/g)	Weight (g)	Surface Area (in²)	Sample Nuclide (dpm/100cm²)	Sample Nuclide MDA (dpm/100cm²)	Sample Total (dpm/100cm²)
04S126-007.001 133	U234	35.4000	51.1000	39.50	24.5	1,964	2,835	
B444 VIA 3 Room 201 Sample 133	U235	0.2820	0.1570			16	9	**Uranium**
	U238	7.0500	1.3700			391	76	2,371
	Pu239/240	0.0000	1.3320			0	74	**Transuranic**
	Am241	0.0000	0.1850			0	10	0
04S0126-008.001 134	U234	33.7000	2.1800	13.10	24.5	620	40	
B444 VIA 3 Room 201 Samples 134	U235	0.5490	0.3370			10	6	**Uranium**
	U238	33.7000	2.1800			620	40	1,250
	Pu239/240	0.0000	2.2608			0	42	**Transuranic**
	Am241	0.0000	0.3140			0	6	0
04S0126-009.001 135	U234	25.9000	1.8600	18.00	24.5	655	47	
B444 VIA 3 Room 201 Sample 135	U235	0.5160	0.2100			13	5	**Uranium**
	U238	25.9000	1.8600			655	47	1,323
	Pu239/240	0.0000	1.8864			0	48	**Transuranic**
	Am241	0.0000	0.2620			0	7	0
04S0126-010.001 137	U234	29.4000	2.3400	25.50	24.5	1,053	84	
B444 VIA 3 Room 201 Sample 137	U235	0.3840	0.2320			14	8	**Uranium**
	U238	29.4000	2.3400			1,053	84	2,120
	Pu239/240	0.0000	1.7784			0	64	**Transuranic**
	Am241	0.0000	0.2470			0	9	0
04S0126-011.001 138	U234	27.6000	1.9900	28.20	24.5	1,093	79	
B444 VIA 3 Room 201 Sample 138	U235	0.3970	0.2070			16	8	**Uranium**
	U238	27.6000	1.9900			1,093	79	2,202
	Pu239/240	0.0000	1.7856			0	71	**Transuranic**
	Am241	0.0000	0.2480			0	10	0
04S0126-012.001 140	U234	10.0000	1.7900	18.70	24.5	263	47	
B444 VIA 3 Room 201 Sample 140	U235	0.2570	0.1570			7	4	**Uranium**
	U238	10.0000	1.7900			263	47	532
	Pu239/240	0.0000	1.7856			0	47	**Transuranic**
	Am241	0.0000	0.2480			0	7	0
04S0126-013.001 141	U234	16.3000	1.9700	17.30	24.5	396	48	
B444 VIA 3 Room 201 Sample 141	U235	0.6470	0.2870			16	7	**Uranium**
	U238	16.3000	1.9700			396	48	808
	Pu239/240	0.0000	1.8936			0	46	**Transuranic**
	Am241	0.0000	0.2630			0	6	0

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Survey Area: VIA 3	Survey Unit: 444301	Building: 444

Description: Building 444 VIA # 3 Floor and < 2 meters on walls, except LLW areas.

Media Samples Data Sheet

Site Sample ID / Nbr ---------- Description	Nuclide	Sample (pCi/g)	Sample MDA (pCi/g)	Weight (g)	Surface Area (in²)	Sample Nuclide (dpm/100cm²)	Sample Nuclide MDA (dpm/100cm²)	Sample Total (dpm/100cm²)
04S0123-007.001 149 B444 VIA 3 Rooms 209, 204, 208, 206, 210, 245C Samples 149-151, 154-161, 164-169	U234	2.4600	0.4300	459.20	24.5	1,587	277	
	U235	0.1230	0.0540			79	35	Uranium
	U238	2.4600	0.4300			1,587	277	3,253
	Pu239/240	0.0000	0.6192			0	399	Transuranic
	Am241	0.0000	0.0860			0	56	0
04S0124-027.001 171 B444 VIA 3 Rooms 245A, 245, 245B Samples 171-184	U234	0.5010	0.4070	595.70	24.5	419	341	
	U235	0.1200	0.0880			100	74	Uranium
	U238	0.5010	0.4070			419	341	939
	Pu239/240	0.0000	0.5904			0	494	Transuranic
	Am241	0.0000	0.0820			0	69	0
04S0131-019.001 197 B444 VIA 3 Room 204 Samples 197-198, 200-208, 210-216	U234	5.7900	0.5300	250.20	24.5	2,035	186	
	U235	0.1630	0.0550			57	19	Uranium
	U238	5.7900	0.5300			2,035	186	4,127
	Pu239/240	0.0000	0.7056			0	248	Transuranic
	Am241	0.0000	0.0980			0	34	0
04D0354-017.001 248 B444 VIA 3 Room 204 Sample 248-261	U234	2.9000	0.5440	422.10	24.5	1,719	323	
	U235	0.1920	0.0750			114	45	Uranium
	U238	2.9000	0.5440			1,719	323	3,552
	Pu239/240	0.0000	0.7056			0	418	Transuranic
	Am241	0.0000	0.0980			0	58	0
04D0355-024.001 262 B444 VIA 3 Room 202 Samples 262-274, 277-285	U234	1.7700	0.5280	384.40	24.5	956	285	
	U235	0.4360	0.0640			235	35	Uranium
	U238	1.7700	0.5280			956	285	2,147
	Pu239/240	0.0000	0.8424			0	455	Transuranic
	Am241	0.0000	0.1170			0	63	0
04D0358-006.001 287 B444 VIA 3 Room 203 Samples 287, 289, 302, 304, 311	U234	9.8700	0.6500	170.20	24.5	2,359	155	
	U235	0.2640	0.0830			63	20	Uranium
	U238	9.8700	0.6500			2,359	155	4,782
	Pu239/240	0.0000	0.9000			0	215	Transuranic
	Am241	0.0000	0.1250			0	30	0

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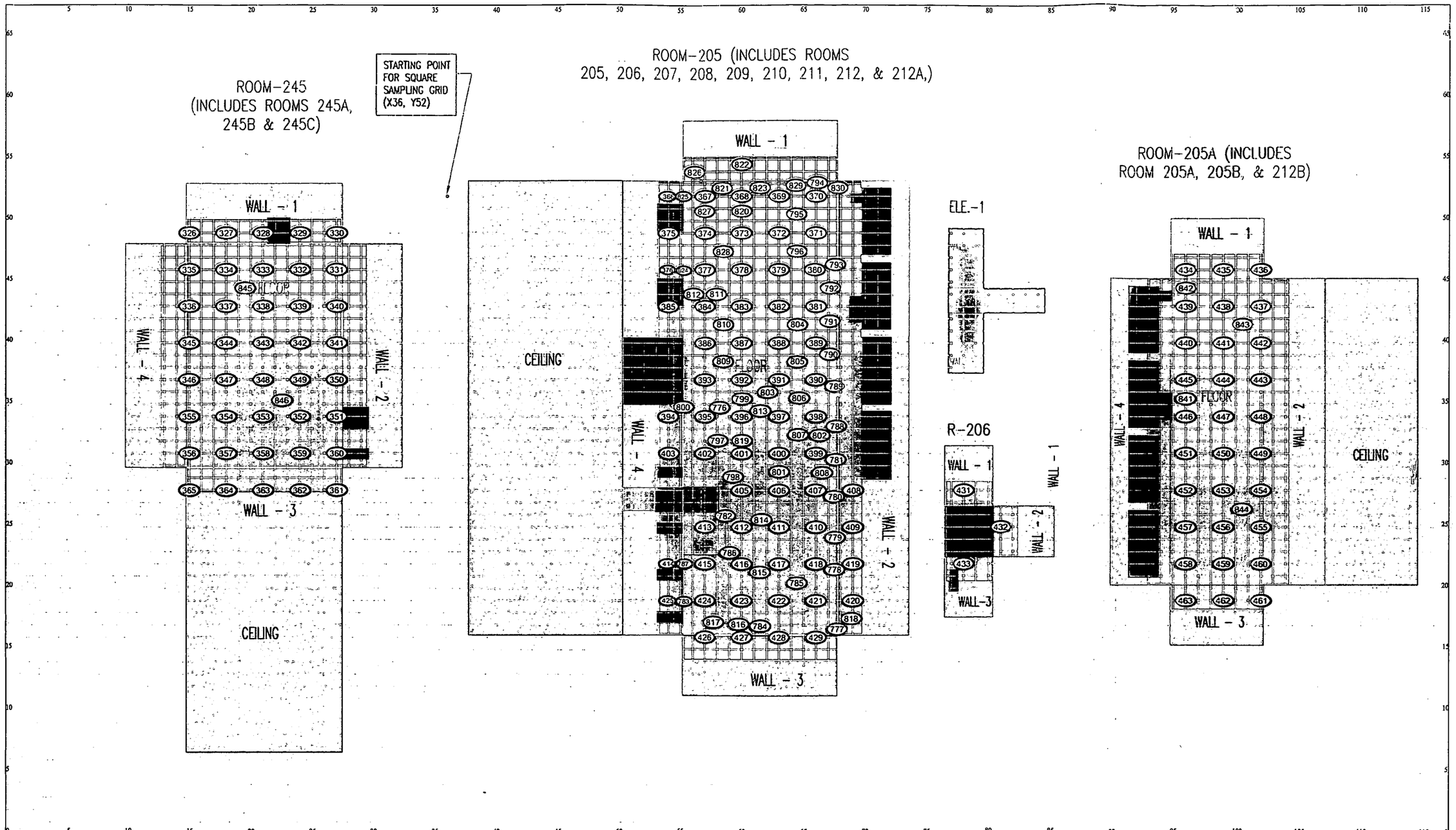

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-3 Survey Unit: 444301 Classification: 1

Survey Area/Unit Description: Building 444 VIA #3, Floors & < 2 Meters on Walls, Except LLW Areas

Floor Area: 2,314 sq.m Total Area: 3,519 sq.m Grid Spacing for Survey Area: 3 m x 3 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Low Level Waste Area
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 24
0 METERS 7.5

1 inch = 24 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: BFCS Rocky Flats Closure Services, LLC

Prepared for: KAISER HILL

File Name: PDS_444301_SHT_01.DWG | Sheet 1 of 4 | Rev: 0

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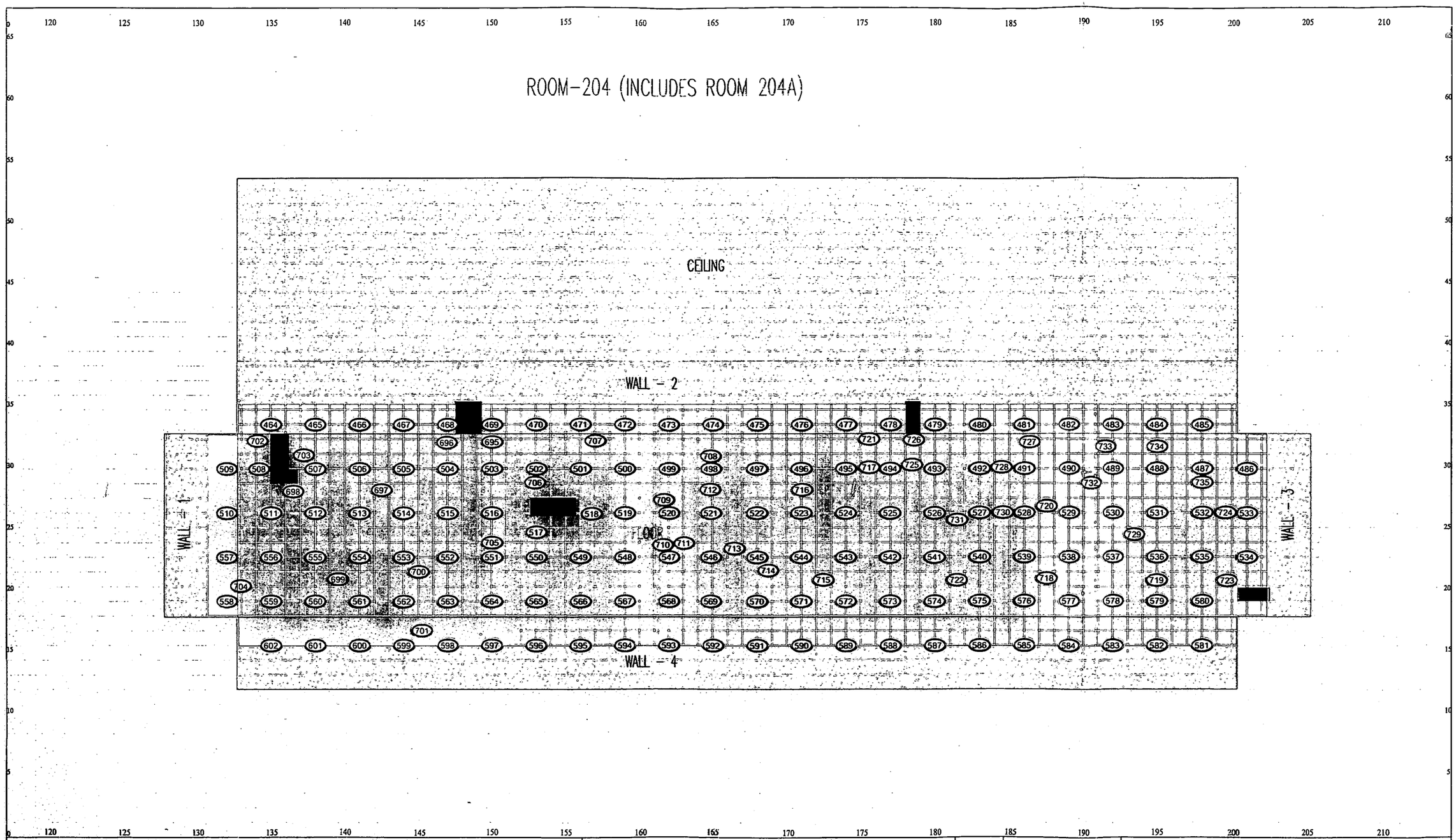

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-3 Survey Unit: 444301 Classification: 1

Survey Area/Unit Description: Building 444 VIA #3, Floors & < 2 Meters on Walls, Except LLW Areas

Floor Area: 2,314 sq.m Total Area: 3,519 sq.m Grid Spacing for Survey Area: 3.0 m x 3.0 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 20
0 METERS 6.5

1 inch = 20 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RF CSS Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS_444301_SHT_02.DWG | Sheet 2 of 4 | Rev: 0

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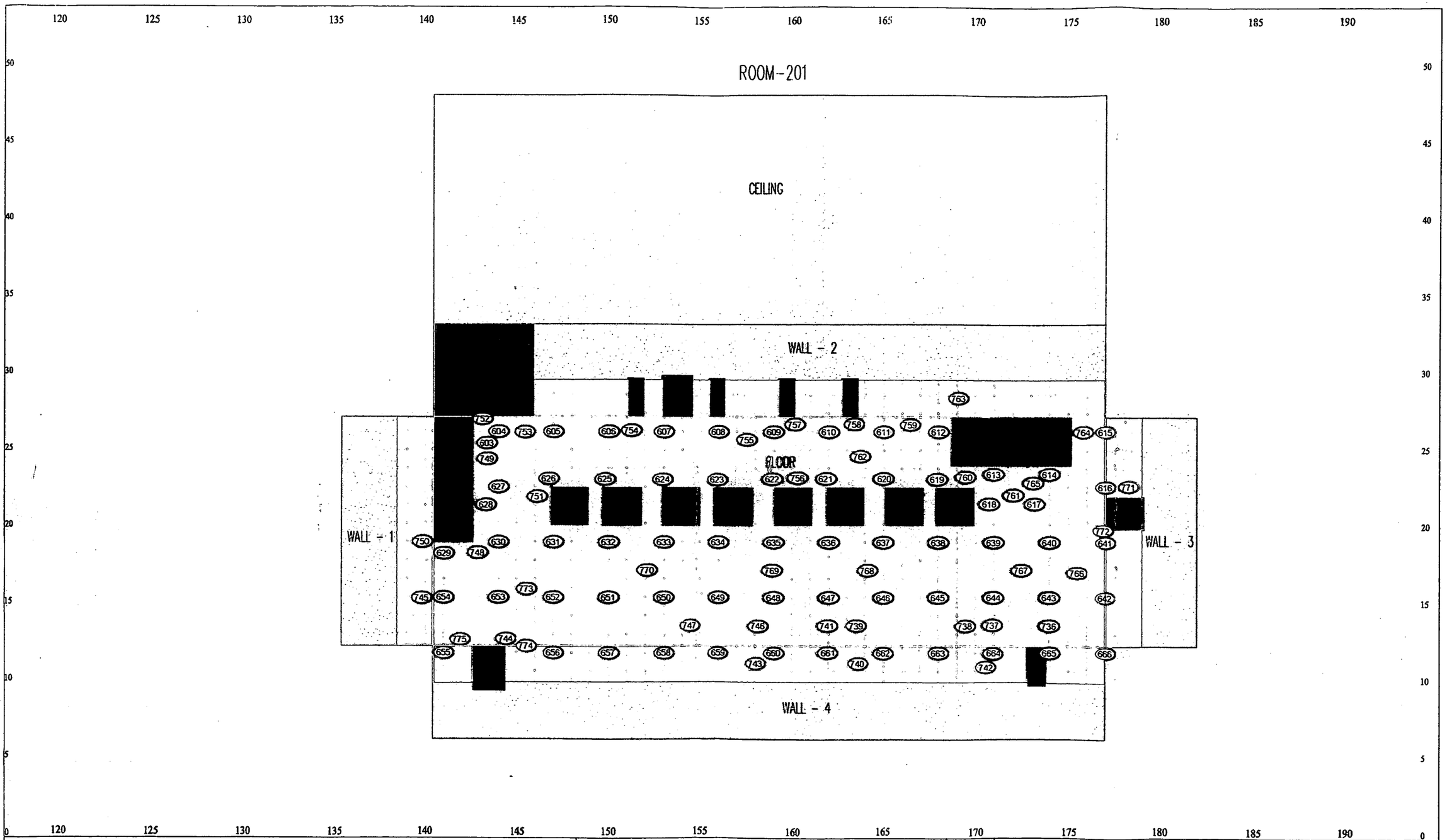

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-3 Survey Unit: 444301 Classification: 1

Survey Area/Unit Description: Building 444 VIA #3, Floor & < 2 meters on walls, except LLW areas

Floor Area: 2,314 sq.m Total Area: 3,519 sq.m Grid Spacing for Survey Area: 3 m x 3 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 16
0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

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Rocky Flats Environmental Technology Site

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Prepared for: KAISER HILL

File Name: PDS 444301 SHT 03.DWG | Sheet: 3 of 4 | Rev: 0

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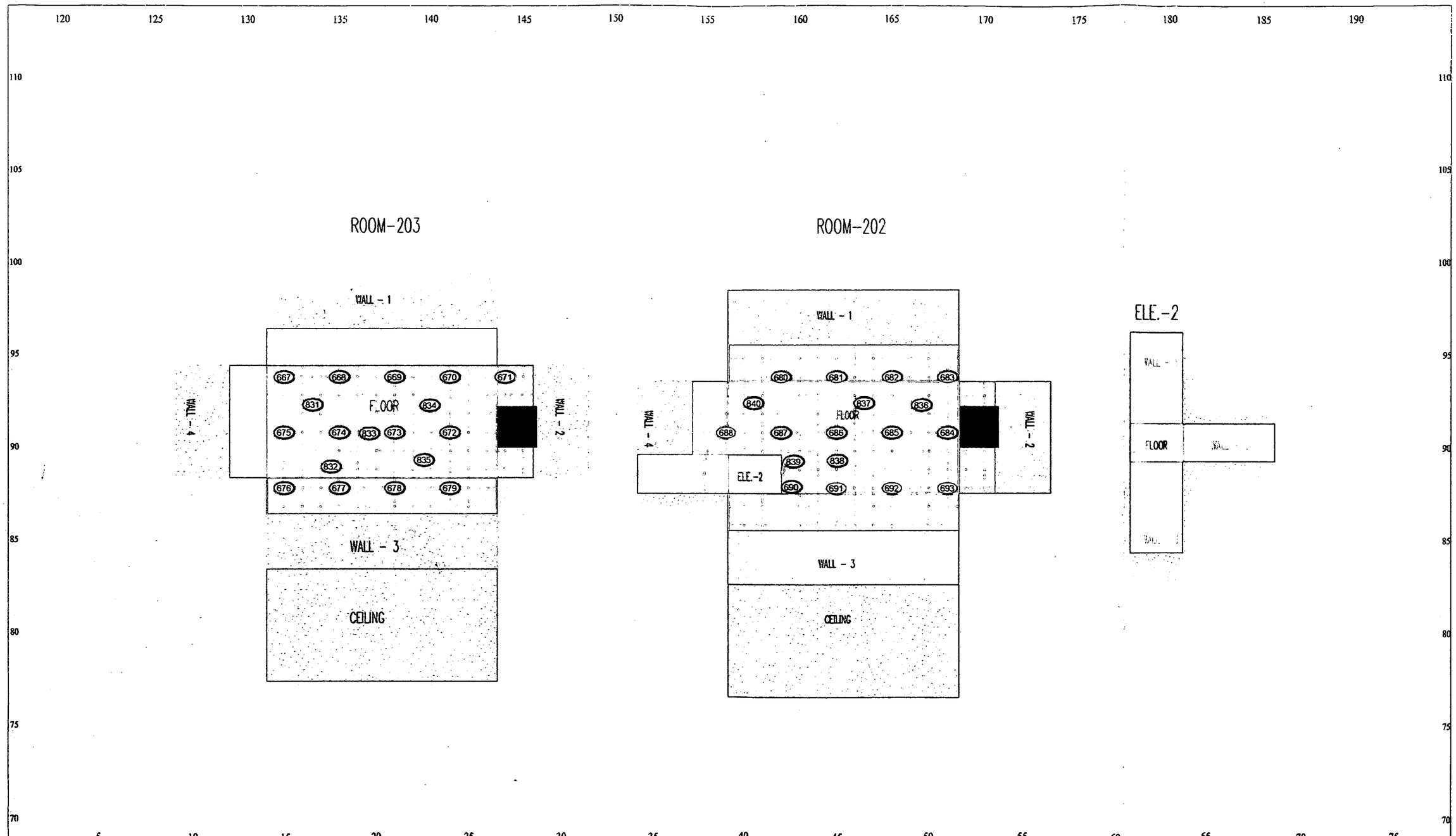

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-3 Survey Unit: 444301 Classification: 1

Survey Area/Unit Description: Building 444 VIA #3, Floor & Walls < 2 meters, except LLW areas

Floor Area: 2,314 sq.m Total Area: 3,519 sq.m Grid Spacing for Survey Area: 3 m x 3 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Low Level Waste Area
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16

0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFSS Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444301 SHT 04.DWG | Sheet: 4 of 4 | Rev: 0

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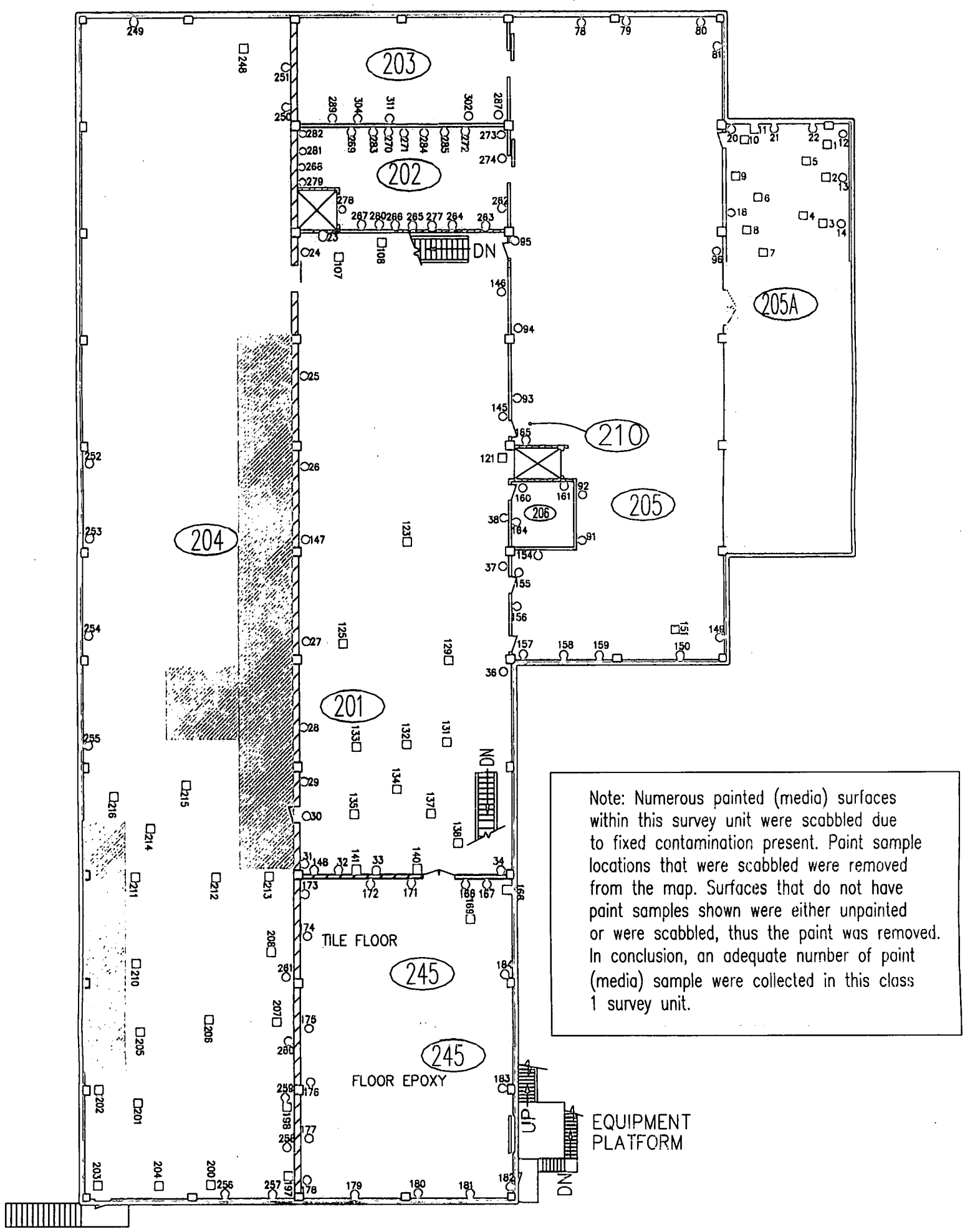
PREPDEMOLITION MEDIA SAMPLING MAP

BLDG: 444 Survey Area: VIA-3 Survey Unit: 444301 Classification: 1

Survey Area/Unit Description: Building 444 VIA #3, Floor & < 2 Meters on Walls, Except LLW Areas

Floor Area: 2,314 sq.m Total Area: 3,519 sq.m Date: 01/25/2005



Note: Numerous painted (media) surfaces within this survey unit were scabbled due to fixed contamination present. Paint sample locations that were scabbled were removed from the map. Surfaces that do not have paint samples shown were either unpainted or were scabbled, thus the paint was removed. In conclusion, an adequate number of paint (media) sample were collected in this class 1 survey unit.

SURVEY POINT LEGEND

- ○ # Wall Sample Location
- □ # Floor Sample Location
- (#) Ceiling Sample Location
- Unpainted Surfaces

0 FEET 20
0 METERS 6.5

1 inch = 20 feet

N

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RF CSS Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: MEDIA_444301_C-1.DWG | Sheet: 1 of 1 | Rev: 0

Survey Area: VIA 3	Survey Unit: 444302	Building: 444

Description: Building 444, Via 3, All Rooms Ceiling and Walls >2 meters, except LLW areas.

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 35
Nbr Random Measurements Performed: 46

Nbr Biased Measurements Required: 36
Nbr Biased Measurements Performed: 36

Nbr QC Required: 3
Nbr QC Performed: 3

Beta

Maximum:	3,808.5 dpm/100cm²
Minimum:	-1,378.0 dpm/100cm²
Mean:	1,041.2 dpm/100cm²
Standard Deviation:	752.1
QC Maximum:	1,265.1 dpm/100cm²
QC Minimum:	528.8 dpm/100cm²
QC Mean:	819.7 dpm/100cm²
Uranium DCGL$_W$:	5,000.0 dpm/100cm²
Uranium DCGL$_{EMC}$:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 35
Nbr Random Measurements Performed: 46

Nbr Biased Measurements Required: 36
Nbr Biased Measurements Performed: 36

Beta

Maximum:	125.7 dpm/100cm²
Minimum:	-128.5 dpm/100cm²
Mean:	-6.2 dpm/100cm²
Standard Deviation:	44.4
Uranium DCGL$_W$:	1,000.0

Media Sample Results

Nbr Random Required: 0
Nbr Random Collected: 0

Nbr Biased Required: 36
Nbr Biased Collected: 36

Uranium

Maximum:	2,280 dpm/100cm²
Minimum:	543 dpm/100cm²
Mean:	1,430 dpm/100cm²
Standard Deviation:	800
Uranium DCGL$_W$:	5,000 dpm/100cm²
Uranium DCGL$_{EMC}$:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGL$_W$:	100 dpm/100cm²
Transuranic DCGL$_{EMC}$:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

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Survey Area: VIA 3	Survey Unit: 444302	Building: 444

Description: Building 444, Via 3, All Rooms Ceiling and Walls >2 meters, except LLW areas.

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
1	701418	02/26/04	Electra	2334	DP-6	04/06/04	NA	0.220	NA	745.0	T
2	712456	02/26/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
3	712456	02/26/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
4	701418	02/27/04	Electra	2319	DP-6	07/29/04	NA	0.220	NA	745.0	T
5	712456	02/27/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
6	712456	02/27/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
7	702058	03/01/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	T
8	712456	03/01/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
9	712456	03/01/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
10	702058	03/02/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	T
11	712456	03/02/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
12	712193	10/08/04	Electra	1261	DP-8	02/26/05	NA	0.160	NA	999.0	S
13	711447	10/08/04	Electra	3250	DP-6	02/14/05	NA	0.220	NA	745.0	S
14	700831	10/08/04	Electra	3127	DP-6	02/16/05	NA	0.220	NA	745.0	S
15	712467	10/08/04	Electra	661	DP-8	03/08/05	NA	0.160	NA	999.0	S
16	712193	10/19/04	Electra	2352	DP-6	11/13/04	NA	0.220	NA	745.0	T/S
17	712467	10/19/04	Ludlum 292	99042	NA	10/26/04	NA	0.250	NA	205.0	R
18	700831	11/16/04	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	T/S
19	511390	11/16/04	Electra	1672	DP-6	04/28/05	NA	0.220	NA	745.0	S
20	712193	11/17/04	Electra	666	DP-8	03/08/05	NA	0.160	NA	999.0	S
21	712467	11/17/04	Electra	3251	DP-6	01/07/05	NA	0.220	NA	745.0	T/S
22	711447	11/19/04	Electra	666	DP-8	03/08/05	NA	0.160	NA	999.0	S
23	700831	11/19/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
24	711447	11/20/04	Electra	659	DP-8	03/07/05	NA	0.160	NA	999.0	S
25	700831	11/20/04	Electra	1379	DP-6	05/09/05	NA	0.220	NA	745.0	S
26	711746	11/20/04	Electra	666	DP-8	03/08/05	NA	0.160	NA	999.0	S
27	711447	11/22/04	Electra	668	DP-8	03/14/05	NA	0.160	NA	999.0	S
28	712467	11/22/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
29	712193	11/22/04	Electra	1415	DP-6	04/21/05	NA	0.220	NA	745.0	T/S
30	712467	12/01/04	Electra	665	DP-6	05/18/05	NA	0.220	NA	745.0	Q/S
31	712193	12/01/04	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	T/S
32	700831	12/01/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 3	Survey Unit: 444302	Building: 444

Description: Building 444, Via 3, All Rooms Ceiling and Walls >2 meters, except LLW areas.

Comments Sheet

General Comments: N/A

TSA Comments: N/A

RSA Comments: N/A

Media Comments:
1. Rooms 204, 212B, and 205A had no painted surfaces above 2 meters so no media samples were taken.
2. Media samples (i.e., paint samples) were collected from all non-factory painted surfaces, either during in-process surveys or during the PDS. Since the PDS gridded maps were not completed at the time of the in-process media samples, these in-process media samples were collected at evenly spaced and biased locations throughout all non-factory painted surfaces, in the same density and fashion as if they were PDS gridded and biased locations. Additionally, if there were media sample data gaps discovered during the PDS process, additional media samples were collected at gridded TSA/RSA locations, and biased locations, as necessary. Media samples were not collected or required on bare concrete surfaces or factory painted metal/transite/etc. surfaces. Otherwise, all other painted surfaces were properly characterized per the PDSP requirements. If in-process media samples were collected in areas where the painted surfaces were removed during in-process shaving or scabbling, then these media samples were removed from the data set because they are no longer applicable. Areas on the media maps that do not show media sample locations, are areas where there were no painted surfaces or contained factory painted surfaces. Based on the above discussion, and in-process and PDS media samples collected to date, no further media samples are required to meet PDSP requirements for this survey unit. Both applicable in-process and PDS media samples are reported in this survey unit data summary report, and all media sample data meets PDSP unrestricted release criteria.

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Survey Area: VIA 3	Survey Unit: 444302	Building: 444

Description: Building 444, Via 3, All Rooms Ceiling and Walls >2 meters, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444302PRP-N037	32	N/A	64.3	N/A
444302PRP-N038	32	N/A	7.1	N/A
444302PRP-N039	32	N/A	35.7	N/A
444302PRP-N040	32	N/A	-28.6	N/A
444302PRP-N041	32	N/A	57.1	N/A
444302PRP-N042	32	N/A	28.6	N/A
444302PRP-N043	28	N/A	-17.2	N/A
444302PRP-N044	28	N/A	-24.3	N/A
444302PRP-N045	28	N/A	-10.0	N/A
444302PRP-N046	28	N/A	-10.0	N/A
444302PRP-N047	28	N/A	-2.9	N/A
444302PRP-N048	28	N/A	-31.5	N/A
444302PRP-N049	28	N/A	4.2	N/A
444302PRP-N050	17	N/A	-7.2	N/A
444302PRP-N051	17	N/A	-3.2	N/A
444302PRP-N052	17	N/A	0.8	N/A
444302PRP-N053	17	N/A	8.8	N/A
444302PRP-N054	17	N/A	-15.2	N/A
444302PRP-N055	17	N/A	-19.2	N/A
444302PRP-N056	17	N/A	12.8	N/A
444302PRP-N057	17	N/A	-3.2	N/A
444302PRP-N058	17	N/A	-7.2	N/A
444302PRP-N059	17	N/A	8.8	N/A
444302PRP-N060	17	N/A	-7.2	N/A
444302PRP-N061	17	N/A	-15.2	N/A
444302PRP-N062	17	N/A	-23.2	N/A
444302PRP-N063	17	N/A	-23.2	N/A
444302PRP-N064	17	N/A	-7.2	N/A
444302PRP-N065	17	N/A	-3.2	N/A

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Survey Area: VIA 3	Survey Unit: 444302	Building: 444

Description: Building 444, Via 3, All Rooms Ceiling and Walls >2 meters, except LLW areas.

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444302PRP-N066	17	N/A	0.8	N/A
444302PRP-N067	17	N/A	-15.2	N/A
444302PRP-N068	17	N/A	-15.2	N/A
444302PRP-N069	17	N/A	-11.2	N/A
444302PRP-N070	17	N/A	-3.2	N/A
444302PRP-N071	32	N/A	-21.4	N/A
444302PRP-N072	32	N/A	-7.1	N/A
444302PRP-N073	32	N/A	7.1	N/A
444302PRP-N074	32	N/A	50.0	N/A
444302PRP-N075	32	N/A	71.4	N/A
444302PRP-N076	23	N/A	1.4	N/A
444302PRP-N077	23	N/A	8.5	N/A
444302PRP-N078	23	N/A	-5.7	N/A
444302PRP-N079	23	N/A	30.0	N/A
444302PRP-N080	23	N/A	51.4	N/A
444302PRP-N081	28	N/A	47.1	N/A
444302PRP-N082	28	N/A	47.1	N/A

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Survey Area: VIA 3	Survey Unit: 444302	Building: 444

Description: Building 444, Via 3, All Rooms Ceiling and Walls >2 meters, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444302PBP-N001	2	N/A	-28.5	2	N/A	-121.4
444302PBP-N002	3	N/A	61.4	3	N/A	-17.1
444302PBP-N003	2	N/A	-128.5	2	N/A	-57.1
444302PBP-N004	3	N/A	-38.6	3	N/A	125.7
444302PBP-N005	2	N/A	-78.5	2	N/A	-21.4
444302PBP-N006	3	N/A	40.0	3	N/A	54.3
444302PBP-N007	2	N/A	-71.4	2	N/A	-21.4
444302PBP-N008	3	N/A	54.3	3	N/A	-2.9
444302PBP-N009	2	N/A	0.0	2	N/A	-85.7
444302PBP-N010	3	N/A	-88.6	3	N/A	32.9
444302PBP-N011	5	N/A	58.6	5	N/A	-20.0
444302PBP-N012	6	N/A	31.4	11	N/A	-50.0
444302PBP-N013	5	N/A	94.3	6	N/A	10.0
444302PBP-N014	6	N/A	-47.2	5	N/A	8.6
444302PBP-N015	5	N/A	-27.1	6	N/A	24.3
444302PBP-N016	6	N/A	-40.0	5	N/A	-5.7
444302PBP-N017	5	N/A	-5.7	6	N/A	17.1
444302PBP-N018	5	N/A	58.6	6	N/A	17.1
444302PBP-N019	5	N/A	15.7	6	N/A	24.3
444302PBP-N020	5	N/A	65.7	6	N/A	-11.5
444302PBP-N021	5	N/A	-20.0	6	N/A	60.0
444302PBP-N022	5	N/A	-62.8	6	N/A	-68.6
444302PBP-N023	8	N/A	-21.4	8	N/A	-92.9
444302PBP-N024	9	N/A	-74.3	9	N/A	-17.1
444302PBP-N025	8	N/A	35.7	8	N/A	-50.0
444302PBP-N026	9	N/A	4.3	9	N/A	-60.0
444302PBP-N027	8	N/A	35.7	8	N/A	-42.9

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Survey Area: VIA 3	Survey Unit: 444302	Building: 444

Description: Building 444, Via 3, All Rooms Ceiling and Walls >2 meters, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444302PBP-N028	9	N/A	-60.0	9	N/A	-45.7
444302PBP-N029	8	N/A	-57.2	8	N/A	-28.6
444302PBP-N030	9	N/A	-24.3	9	N/A	-45.7
444302PBP-N031	8	N/A	28.6	8	N/A	107.1
444302PBP-N032	9	N/A	54.3	9	N/A	-67.1
444302PBP-N033	8	N/A	-42.9	8	N/A	-28.6
444302PBP-N034	9	N/A	-38.6	9	N/A	-52.9
444302PBP-N035	8	N/A	-28.6	8	N/A	-21.4
444302PBP-N036	9	N/A	-38.6	9	N/A	-2.9

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Survey Area: VIA 3	Survey Unit: 444302	Building: 444

Description: Building 444, Via 3, All Rooms Ceiling and Walls >2 meters, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444302PRP-N037	31	N/A	890.2	N/A
444302PRP-N038	31	N/A	1,181.1	N/A
444302QRP-N039	30	N/A	1,265.1	N/A
444302PRP-N039	31	N/A	2,081.1	N/A
444302PRP-N040	31	N/A	985.7	N/A
444302PRP-N041	31	N/A	612.9	N/A
444302PRP-N042	31	N/A	785.7	N/A
444302PRP-N043	29	N/A	699.3	N/A
444302PRP-N044	29	N/A	990.2	N/A
444302PRP-N045	29	N/A	1,112.9	N/A
444302PRP-N046	29	N/A	603.9	N/A
444302PRP-N047	29	N/A	-1,268.9	N/A
444302PRP-N048	29	N/A	-1,378.0	N/A
444302PRP-N049	29	N/A	-1,300.7	N/A
444302PRP-N050	16	N/A	1,194.8	N/A
444302PRP-N051	16	N/A	1,172.0	N/A
444302PRP-N052	16	N/A	1,281.1	N/A
444302PRP-N053	16	N/A	1,235.7	N/A
444302PRP-N054	16	N/A	1,194.8	N/A
444302PRP-N055	16	N/A	1,217.5	N/A
444302PRP-N056	16	N/A	1,294.8	N/A
444302PRP-N057	16	N/A	858.4	N/A
444302PRP-N058	16	N/A	544.8	N/A
444302PRP-N059	16	N/A	781.1	N/A
444302PRP-N060	16	N/A	1,017.5	N/A
444302PRP-N061	16	N/A	585.7	N/A
444302PRP-N062	16	N/A	476.6	N/A

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Survey Area: VIA 3	Survey Unit: 444302	Building: 444

Description: Building 444, Via 3, All Rooms Ceiling and Walls >2 meters, except LLW areas.

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444302PRP-N063	16	N/A	1,408.4	N/A
444302PRP-N064	16	N/A	940.2	N/A
444302PRP-N065	16	N/A	981.1	N/A
444302PRP-N066	16	N/A	585.7	N/A
444302PRP-N067	16	N/A	417.5	N/A
444302PRP-N068	16	N/A	835.7	N/A
444302PRP-N069	16	N/A	376.6	N/A
444302PRP-N070	16	N/A	681.1	N/A
444302PRP-N071	31	N/A	1,085.7	N/A
444302QRP-N072	30	N/A	528.8	N/A
444302PRP-N072	31	N/A	1,508.4	N/A
444302PRP-N073	31	N/A	1,331.1	N/A
444302QRP-N074	30	N/A	665.1	N/A
444302PRP-N074	31	N/A	1,731.1	N/A
444302PRP-N075	31	N/A	822.0	N/A
444302PRP-N076	18	N/A	1,167.5	N/A
444302PRP-N077	18	N/A	876.6	N/A
444302PRP-N078	19	N/A	840.2	N/A
444302PRP-N079	19	N/A	1,044.8	N/A
444302PRP-N080	21	N/A	1,458.4	N/A
444302PRP-N081	29	N/A	240.2	N/A
444302PRP-N082	29	N/A	376.6	N/A

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Survey Area: VIA 3	Survey Unit: 444302	Building: 444

Description: Building 444, Via 3, All Rooms Ceiling and Walls >2 meters, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444302PBP-N001	1	N/A	1,049.5	1	N/A	1,222.2
444302PBP-N002	1	N/A	331.3	1	N/A	794.9
444302PBP-N003	1	N/A	963.1	1	N/A	999.5
444302PBP-N004	1	N/A	572.2	1	N/A	1,226.8
444302PBP-N005	1	N/A	-27.8	1	N/A	31.3
444302PBP-N006	1	N/A	-146.0	1	N/A	1,104.0
444302PBP-N007	1	N/A	94.9	1	N/A	694.9
444302PBP-N008	1	N/A	1,990.4	1	N/A	681.3
444302PBP-N009	1	N/A	1,067.6	1	N/A	81.3
444302PBP-N010	1	N/A	994.9	1	N/A	681.3
444302PBP-N011	4	N/A	1,081.3	4	N/A	1,204.0
444302PBP-N012	4	N/A	3,808.5	10	N/A	1,135.9
444302PBP-N013	4	N/A	2,258.5	4	N/A	2,035.9
444302PBP-N014	4	N/A	1,949.5	4	N/A	2,322.2
444302PBP-N015	4	N/A	1,063.1	4	N/A	2,126.8
444302PBP-N016	4	N/A	1,699.5	4	N/A	1,222.2
444302PBP-N017	4	N/A	2,154.0	4	N/A	2,076.8
444302PBP-N018	4	N/A	1,490.4	4	N/A	2,063.1
444302PBP-N019	4	N/A	2,608.5	4	N/A	1,544.9
444302PBP-N020	4	N/A	2,872.2	4	N/A	1,563.1
444302PBP-N021	4	N/A	1,658.5	4	N/A	1,204.0
444302PBP-N022	4	N/A	1,899.5	4	N/A	1,890.4
444302PBP-N023	7	N/A	1,167.6	7	N/A	726.8
444302PBP-N024	7	N/A	604.0	7	N/A	285.9
444302PBP-N025	7	N/A	944.9	7	N/A	831.3
444302PBP-N026	7	N/A	1,304.0	7	N/A	849.5
444302PBP-N027	7	N/A	1,654.0	7	N/A	1,367.7

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Survey Area: VIA 3	Survey Unit: 444302	Building: 444

Description: Building 444, Via 3, All Rooms Ceiling and Walls >2 meters, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444302PBP-N028	7	N/A	776.7	7	N/A	504.0
444302PBP-N029	7	N/A	1,117.6	7	N/A	1,049.5
444302PBP-N030	7	N/A	2,854.0	7	N/A	1,222.2
444302PBP-N031	7	N/A	1,985.8	7	N/A	831.3
444302PBP-N032	7	N/A	517.6	7	N/A	317.7
444302PBP-N033	7	N/A	754.0	7	N/A	1,144.9
444302PBP-N034	7	N/A	-96.0	7	N/A	199.5
444302PBP-N035	7	N/A	1,035.8	7	N/A	590.4
444302PBP-N036	7	N/A	449.5	7	N/A	967.7

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Survey Area: VIA 3	Survey Unit: 444302	Building: 444

Description: Building 444, Via 3, All Rooms Ceiling and Walls >2 meters, except LLW areas.

Media Samples Data Sheet

Site Sample ID / Nbr ---------- Description	Nuclide	Sample (pCi/g)	Sample MDA (pCi/g)	Weight (g)	Surface Area (in²)	Sample Nuclide (dpm/100cm²)	Sample Nuclide MDA (dpm/100cm²)	Sample Total (dpm/100cm²)
04S0180-011.001 1 Building 444 VIA 3 Room 201 Samples 1-10	U234	5.6500	1.6200	34.20	24.5	271	78	
	U235	0.0000	0.2610			0	13	**Uranium**
	U238	5.6500	1.6200			271	78	543
	Pu239/240	0.0000	1.6560			0	80	**Transuranic**
	Am241	0.0000	0.2300			0	11	0
04S0179-012.001 11 Building 444 VIA 3 Room 205 and Corridor 2A Samples 11, 13-22	U234	8.7700	0.9800	40.00	24.5	493	55	
	U235	0.2040	0.1370			12	8	**Uranium**
	U238	8.7700	0.9800			493	55	997
	Pu239/240	0.0000	1.3824			0	78	**Transuranic**
	Am241	0.0000	0.1920			0	11	0
04S0186-012.001 12 Building 444 VIA 3 room 205 Sample 12	U234	11.2000	0.9130	59.70	24.5	939	77	
	U235	0.2600	0.1420			22	12	**Uranium**
	U238	11.2000	0.9130			939	77	1,900
	Pu239/240	0.0000	1.0944			0	92	**Transuranic**
	Am241	0.0000	0.1520			0	13	0
04S0188-015.001 23 Building 444 VIA 3 Rooms 202, 212A, 203, and 245 Samples 23-36	U234	17.9000	1.3500	44.90	24.5	1,129	85	
	U235	0.3570	0.1940			23	12	**Uranium**
	U238	17.9000	1.3500			1,129	85	2,280
	Pu239/240	0.0000	1.5696			0	99	**Transuranic**
	Am241	0.0000	0.2180			0	14	0

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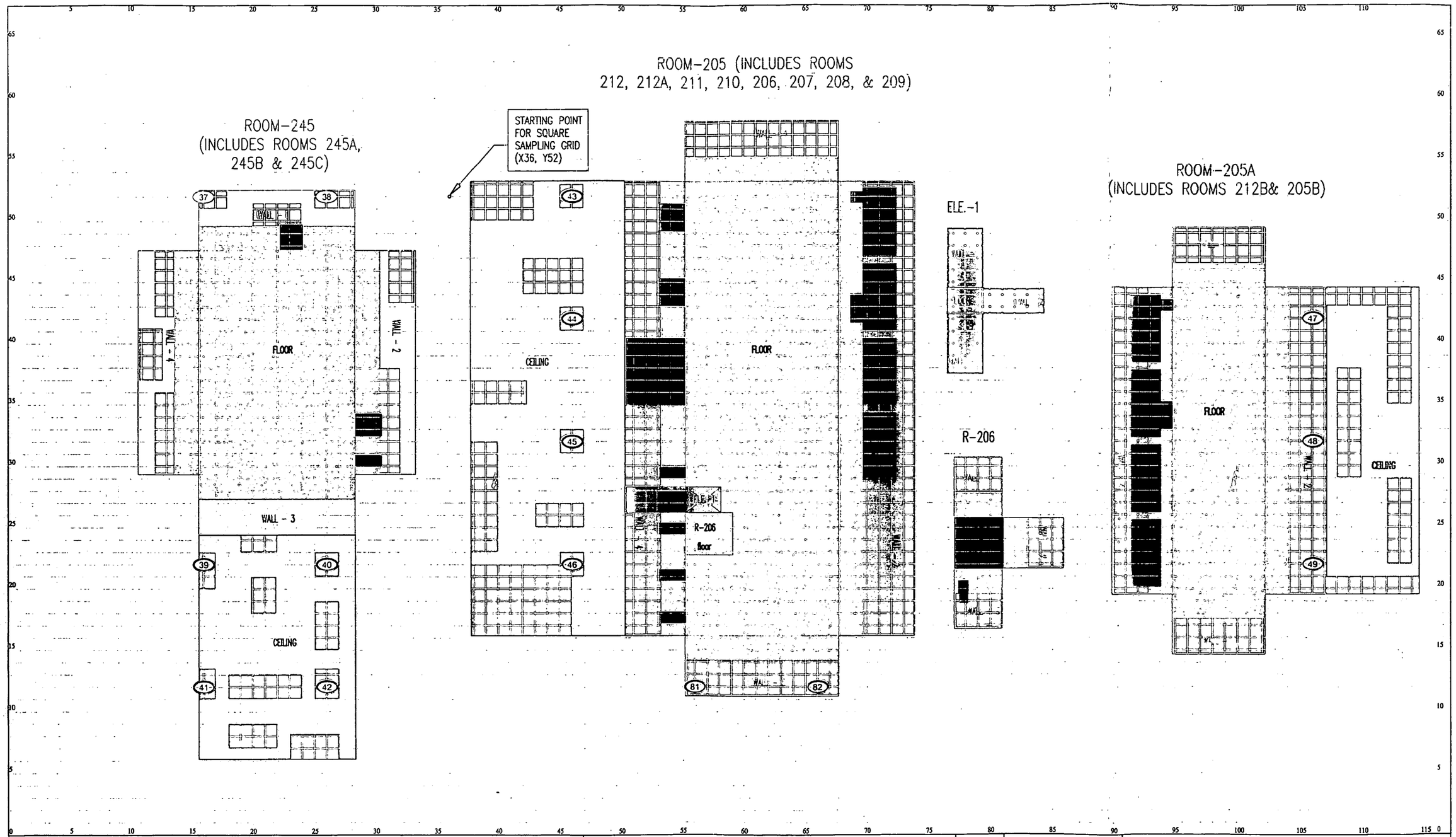

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-3 Survey Unit: 444302 Classification: 2

Survey Area/Unit Description: Building 444 VIA #3, All Rooms, Ceiling & Walls >2 Meters, Except LLW Areas

Floor Area: 2,314 sq.m Total Area: 4,078 sq.m Grid Spacing for Survey Area: 10 m x 10 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Low Level Waste Area
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 24
0 METERS 7.5

1 inch = 24 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444302 SHT 01.DWG | Sheet 1 of 4 | Rev: 0

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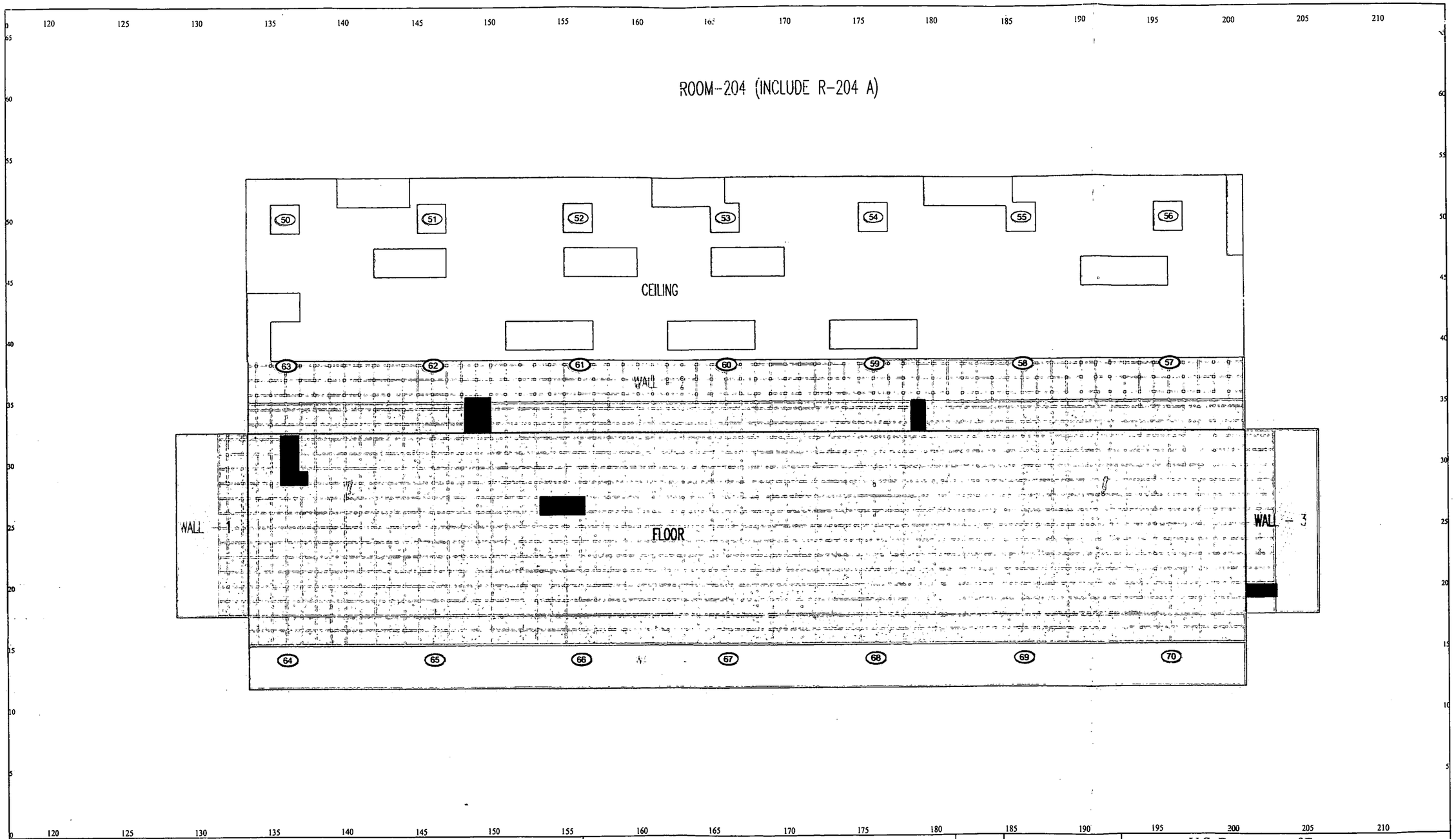

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-3 Survey Unit: 444302 Classification: 2

Survey Area/Unit Description: Building 444 VIA #3, All Rooms, Ceiling & Walls >2 Meters , Except LLW Areas

Floor Area: 2,314 sq.m Total Area: 4,078 sq.m Grid Spaceing for Survey Area: 10 m x 10 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 20
0 METERS 6.5

1 inch = 20 feet
1 grid sq. = 1 sq. m.

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Rocky Flats Environmental Technology Site

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Prepared for: KAISER HILL

File Name: PDS 444302 SHT 02.DWG | Sheet: 2 of 4 | Rev: 0

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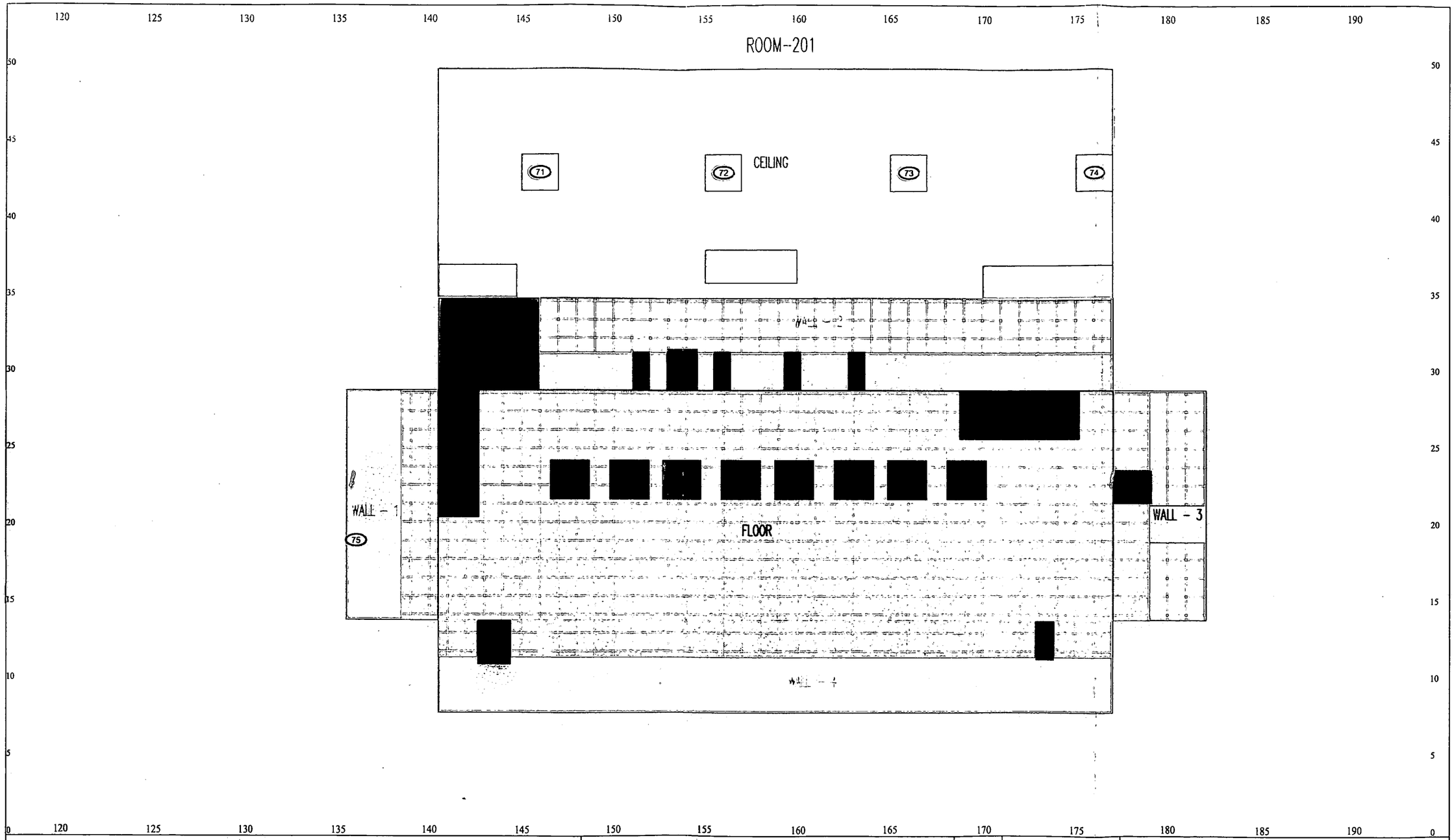

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-3 Survey Unit: 444302 Classification: 2

Survey Area/Unit Description: Building 444 VIA #3, All Rooms, Ceiling & Walls >2 Meters, Except LLW Areas

Floor Area: 2,314 sq.m Total Area: 4,078 sq.m Grid Spacing for Survey Area: 10 m x 10 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 16
0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RF CSS Rocky Flats Closure Co. Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444302 SHT 03.DWG | Sheet: 3 of 4 | Rev: 0

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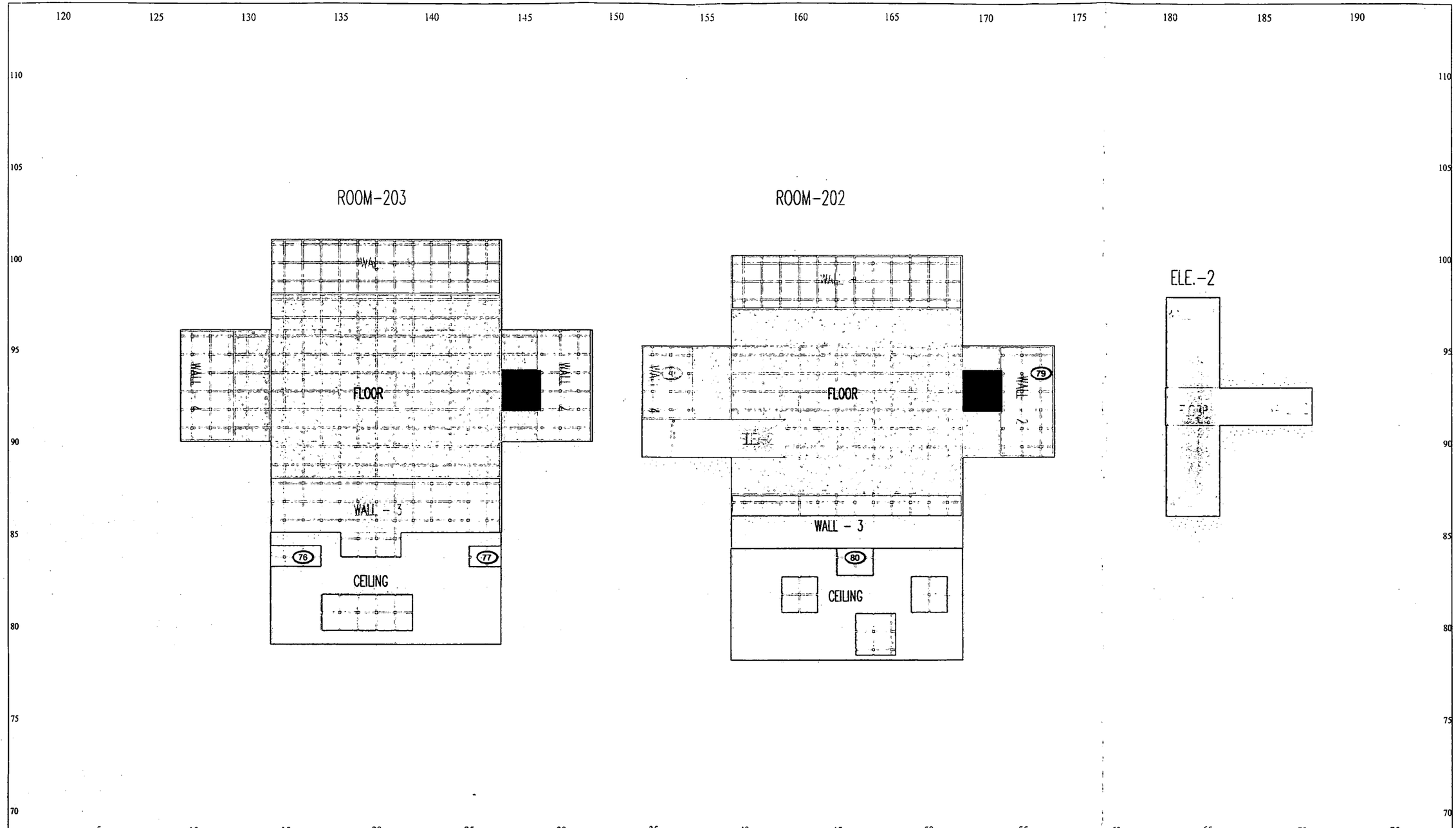

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-3 Survey Unit: 444302 Classification: 2

Survey Area/Unit Description: Building 444 VIA #3, All Rooms, Ceilings & Walls >2 Meters, Except LLW Areas

Floor Area: 2,314 sq.m Total Area: 4,078 sq.m Grid Spacing for Survey Area: 10 m x 10 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Low Level Waste Area
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16
0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

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Rocky Flats Environmental Technology Site

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Prepared for: KAISER HILL

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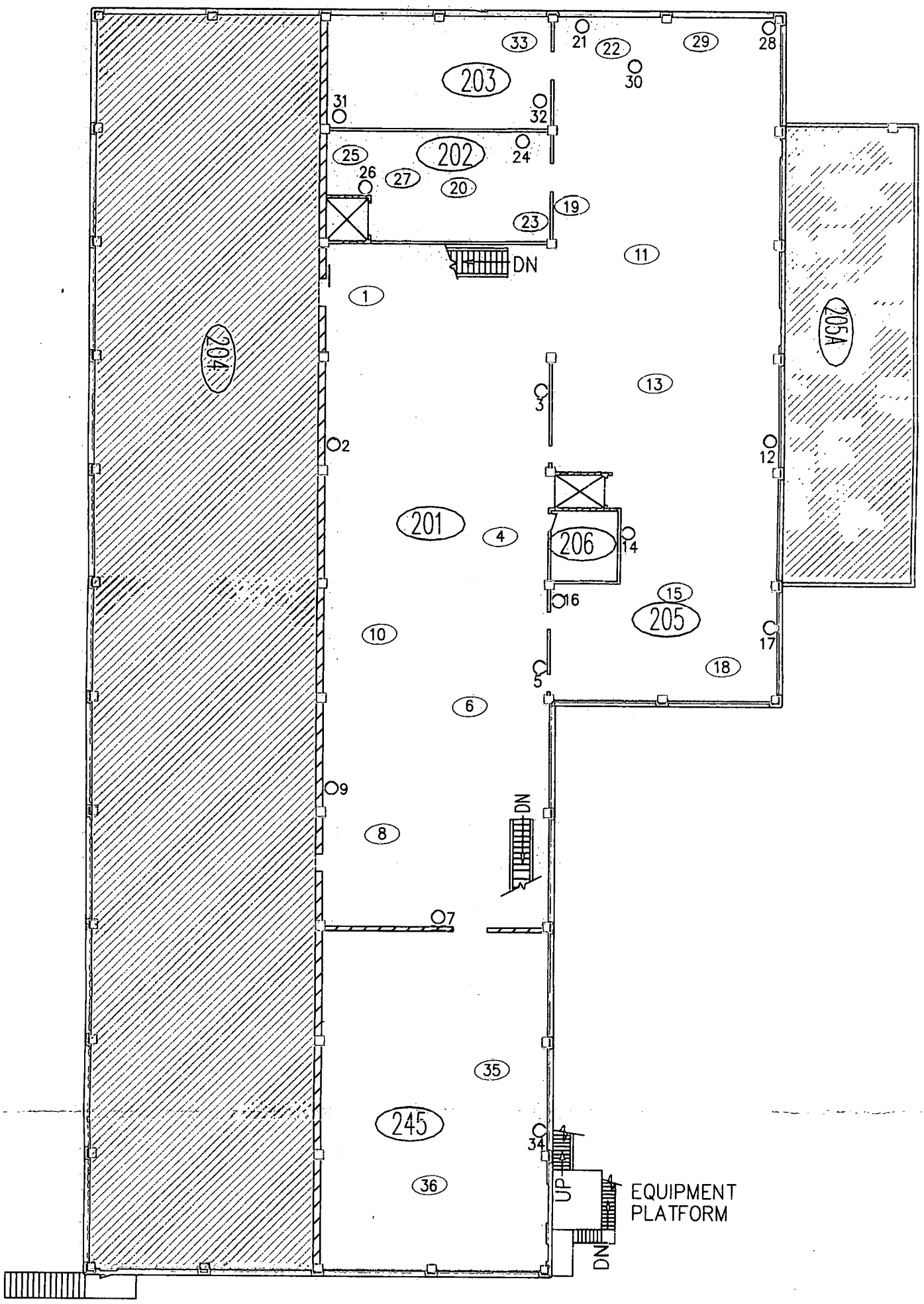
PREPDEMOLITION MEDIA SAMPLING MAP

BLDG: 444 Survey Area: VIA-3 Survey Unit: 444302 Classification: 2

Survey Area/Unit Description: Building 444 VIA 3 All Rooms Ceiling and Walls > 2 Meters, Except LLW Areas

Floor Area: 2,314 sq.m Total Area: 4,078 sq.m Date: 01/07/2005



SURVEY POINT LEGEND

- # Wall Sample Location
- # Floor Sample Location
- # Ceiling Sample Location
- Unpainted Surfaces

0 FEET 20
0 METERS 6.5

1 inch = 20 feet

N

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Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC. A Weston Engineering Group Company

Prepared for: KAISER HILL

File Name: MEDIA_444302_C-2.DWG | Sheet: 1 of 1 | Rev: 2

ATTACHMENT B-22

VIA 4 PDS RADIOLOGICAL SURVEY UNIT DATA SUMMARIES AND SURVEY MAPS

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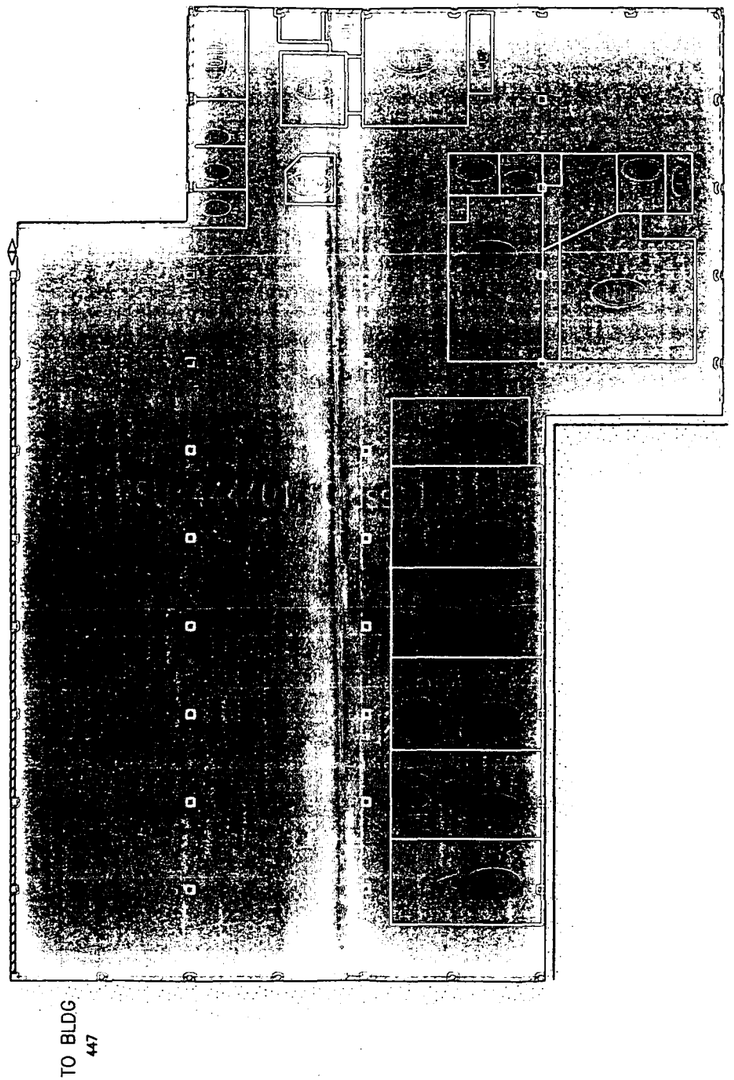

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-4

Survey Area/Unit Description: VIA-4 Radiological Kay Map

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- RCRA/CERCLA Sample Location
- Low Level Waste Area
- Wall Removed
- PCB Sample Location
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 32

0 METERS 10

1 inch = 32 feet

1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: PDS_444 VIA-4 KEY MAP.DWG | Sheet: 1of 1 | Rev: 0

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Survey Area: VIA 4.	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 398
Nbr Random Measurements Performed: 467
Nbr Biased Measurements Required: 127
Nbr Biased Measurements Performed: 127
Nbr QC Required: 26
Nbr QC Performed: 26

Beta

Maximum:	4,152.1 dpm/100cm²
Minimum:	-720.6 dpm/100cm²
Mean:	1,015.7 dpm/100cm²
Standard Deviation:	655.4
QC Maximum:	4,076.0 dpm/100cm²
QC Minimum:	1,257.8 dpm/100cm²
QC Mean:	2,112.2 dpm/100cm²
Uranium DCGLw:	5,000.0 dpm/100cm²
Uranium DCGLEMC:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 398
Nbr Random Measurements Performed: 467
Nbr Biased Measurements Required: 127
Nbr Biased Measurements Performed: 127

Beta

Maximum:	259.3 dpm/100cm²
Minimum:	-110.7 dpm/100cm²
Mean:	4.0 dpm/100cm²
Standard Deviation:	47.5
Uranium DCGLw:	1,000.0

Media Sample Results

Nbr Random Required: 121
Nbr Random Collected: 121
Nbr Biased Required: 127
Nbr Biased Collected: 127

Uranium

Maximum:	4,361 dpm/100cm²
Minimum:	-46 dpm/100cm²
Mean:	492 dpm/100cm²
Standard Deviation:	750
Uranium DCGLw:	5,000 dpm/100cm²
Uranium DCGLEMC:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGLw:	100 dpm/100cm²
Transuranic DCGLEMC:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
1	712600	03/08/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
2	712456	03/08/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
3	712456	03/08/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
4	702058	03/09/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
5	712456	03/09/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
6	712456	03/09/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
7	712600	03/10/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
8	712456	03/10/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
9	712456	03/10/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
10	702058	03/11/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
11	712456	03/11/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
12	712456	03/11/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
13	903346	03/12/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
14	712456	03/12/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
15	712456	03/12/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
16	702058	03/15/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
17	712456	03/15/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
18	712456	03/15/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
19	712600	03/16/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
20	712456	03/16/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
21	712456	03/16/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
22	712591	03/17/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
23	701418	03/17/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
24	712591	03/18/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
25	701418	03/18/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
26	903346	03/19/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
27	701418	03/19/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
28	701418	03/20/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
29	712591	03/20/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
30	701418	03/25/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
31	712456	03/25/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
32	712456	03/25/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
33	712600	03/26/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
34	701418	03/26/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
35	701418	03/26/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
36	712600	03/29/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	
37	701418	03/29/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
38	701418	03/29/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
39	712193	01/20/05	Electra	661	DP-8	03/08/05	NA	0.160	NA	745.0	S
40	712467	01/20/05	Electra	2404	DP-8	06/08/05	NA	0.160	NA	745.0	S
41	700831	01/20/05	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	S
42	711447	01/21/05	Electra	3101	DP-6	04/26/05	NA	0.220	NA	745.0	S
43	712193	01/21/05	Electra	2404	DP-8	06/08/05	NA	0.160	NA	745.0	S
44	700831	01/21/05	Electra	667	DP-6	05/04/05	NA	0.220	NA	745.0	S
45	712467	01/21/05	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	S
46	511390	01/24/05	Electra	3105	DP-6	04/15/05	NA	0.220	NA	745.0	S
47	700831	01/24/05	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	S
48	711447	01/24/05	Electra	1366	DP-6	04/05/05	NA	0.220	NA	745.0	S
49	712467	01/24/05	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
50	700831	01/27/05	Electra	3127	DP-6	02/16/05	NA	0.220	NA	745.0	S
51	712467	01/27/05	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
52	711447	01/27/05	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	S
53	712467	01/28/05	Electra	3250	DP-6	05/12/05	NA	0.220	NA	745.0	T/S
54	711447	01/28/05	Electra	3127	DP-6	02/16/05	NA	0.220	NA	745.0	T/S
55	700831	01/28/05	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	T/S
56	712193	01/31/05	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R
57	712193	01/31/05	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
58	511390	01/31/05	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	T/S
59	712467	01/31/05	Electra	3127	DP-6	02/16/05	NA	0.220	NA	745.0	T/S
60	711447	01/31/05	Electra	1271	DP-6	07/25/05	NA	0.220	NA	745.0	T/S
61	712467	02/01/05	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
62	711447	02/01/05	Electra	665	DP-6	05/18/05	NA	0.220	NA	745.0	T/S
63	700831	02/01/05	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	T/S
64	712467	02/01/05	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	T/S
65	511390	02/01/05	Electra	1366	DP-6	04/05/05	NA	0.220	NA	745.0	T/S
66	711447	02/02/05	Electra	1366	DP-6	04/05/05	NA	0.220	NA	745.0	T/S
67	511390	02/02/05	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	T/S
68	712193	02/02/05	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
69	700831	02/02/05	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R
70	712467	02/02/05	Electra	1271	DP-6	07/25/05	NA	0.220	NA	745.0	T/S
71	711447	02/03/05	Electra	3254	DP-6	07/04/05	NA	0.220	NA	745.0	T/S
72	712467	02/03/05	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R
73	712467	02/03/05	Electra	3370	DP-6	07/27/05	NA	0.220	NA	745.0	T/S
74	712193	02/03/05	Electra	1271	DP-6	07/25/05	NA	0.220	NA	745.0	Q/S
75	711447	02/04/05	Electra	3127	DP-6	02/16/05	NA	0.220	NA	745.0	T/S
76	712467	02/04/05	Electra	3370	DP-6	07/27/05	NA	0.220	NA	745.0	T/S
77	701418	02/04/05	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	T/S
78	712193	02/04/05	Electra	1271	DP-6	07/25/05	NA	0.220	NA	745.0	Q/S
79	711447	02/05/05	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	T/S
80	712467	02/05/05	Electra	3370	DP-6	07/27/05	NA	0.220	NA	745.0	T/S
81	712467	02/05/05	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
82	711447	02/06/05	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
83	711447	02/06/05	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R
84	712193	02/06/05	Electra	1271	DP-6	07/25/05	NA	0.220	NA	745.0	Q/S

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Comments Sheet

General Comments: N/A

TSA Comments: N/A

RSA Comments: N/A

Media Comments:

1. The following Media Sample locations were found to be above the Uranium limit of 5000 dpm/100cm2 during In process sample surveys and media samples were not collected. Areas were scabbled out to nearest sample location that was below the Uranium limit of 5000 dpm/100cm2 or walls were removed. Sample locations 15 and 57 were removed.
2. Even though the samples met unrestricted release limits, media sample survey locations 18-21, 24, 25, 39, 135-150, 159-189, 191-198, 200, 202, 203, 205-211, 213, 215-221, 234, and 237 were removed because they were taken on the floor and the floor is being thrown out as low-level waste.
3. The following Media Sample locations were found to be above the Uranium limit of 5000 dpm/100cm2 during In process sample surveys and media samples were not collected. Media sample locations were taken on the floor and the decision was made to remove the floor as low-level waste. Sample locations 22, 23, 26-38, 40-45, 151, 153, 190, 199, 201, 212, and 214 were removed.
4. Room 179 moved to another survey unit and was removed from this package and because of this, media samples 240 and 241 were removed.
5. Location 399 was not on the maps, therefore it was removed from this survey unit.
6. Biased media samples 204, 760 - 763 were collected to bound contaminated location 15. The area around location 15 was scabbled to remove the contaminated paint.
7. Biased media samples 764 - 767 were collected to bound contaminated location 57. The area around location 57 was scabbled to remove the contaminated paint.
8. Media samples (i.e., paint samples) were collected from all non-factory painted surfaces, either during in-process surveys or during the PDS. Since the PDS gridded maps were not completed at the time of the in-process media samples, these in-process media samples were collected at evenly spaced and biased locations throughout all non-factory painted surfaces, in the same density and fashion as if they were PDS gridded and biased locations. Additionally, if there were media sample data gaps discovered during the PDS process, additional media samples were collected at gridded TSA/RSA locations, and biased locations, as necessary. Media samples were not collected or required on bare concrete surfaces or factory painted metal/transite/etc. surfaces. Otherwise, all other painted surfaces were properly characterized per the PDSP requirements. If in-process media samples were collected in areas where the painted surfaces were removed during in-process shaving or scabbling, then these media samples were removed painted surfaces. Based on the above discussion, and in-process and PDS media samples collected to date, no further media samples are required to meet PDSP requirements for this survey unit. Both applicable in-process and PDS media samples are reported in this survey unit data summary report, and all media sample data meets PDSP unrestricted release criteria.
9. Even though the samples met unrestricted release limits, media sample survey locations 222, 223, 226-229 and 231 were removed because the walls were disposed of as LLW.

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N242	68	N/A	-79.3	N/A	N/A	N/A
444401PRP-N243	68	N/A	-57.9	N/A	N/A	N/A
444401PRP-N244	68	N/A	-36.4	N/A	N/A	N/A
444401PRP-N245	68	N/A	-7.9	N/A	N/A	N/A
444401PRP-N246	68	N/A	-22.1	N/A	N/A	N/A
444401PRP-N247	68	N/A	6.4	N/A	N/A	N/A
444401PRP-N248	68	N/A	13.6	72	N/A	12.9
444401PRP-N249	68	N/A	149.3	N/A	N/A	N/A
444401PRP-N250	81	N/A	59.3	N/A	N/A	N/A
444401PRP-N251	81	N/A	30.7	N/A	N/A	N/A
444401PRP-N252	81	N/A	2.1	82	N/A	53.6
444401PRP-N253	81	N/A	95.0	N/A	N/A	N/A
444401PRP-N254	81	N/A	16.4	N/A	N/A	N/A
444401PRP-N255	81	N/A	37.9	83	N/A	-21.5
444401PRP-N256	81	N/A	-5.0	N/A	N/A	N/A
444401PRP-N257	81	N/A	9.3	N/A	N/A	N/A
444401PRP-N258	81	N/A	2.1	N/A	N/A	N/A
444401PRP-N259	81	N/A	-19.3	82	N/A	-3.6
444401PRP-N260	81	N/A	30.7	N/A	N/A	N/A
444401PRP-N261	81	N/A	-26.4	N/A	N/A	N/A
444401PRP-N262	81	N/A	9.3	N/A	N/A	N/A
444401PRP-N263	81	N/A	-69.3	83	N/A	-35.7
444401PRP-N264	81	N/A	-12.1	N/A	N/A	N/A
444401PRP-N265	81	N/A	-33.6	N/A	N/A	N/A
444401PRP-N266	81	N/A	9.3	N/A	N/A	N/A
444401PRP-N267	81	N/A	45.0	82	N/A	10.7
444401PRP-N268	81	N/A	23.6	N/A	N/A	N/A
444401PRP-N269	81	N/A	-19.3	N/A	N/A	N/A
444401PRP-N270	81	N/A	30.7	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N271	81	N/A	-33.6	83	N/A	-14.3
444401PRP-N272	81	N/A	9.3	N/A	N/A	N/A
444401PRP-N273	81	N/A	-40.7	N/A	N/A	N/A
444401PRP-N274	81	N/A	59.3	82	N/A	25.0
444401PRP-N275	81	N/A	9.3	N/A	N/A	N/A
444401PRP-N276	81	N/A	37.9	N/A	N/A	N/A
444401PRP-N277	81	N/A	2.1	N/A	N/A	N/A
444401PRP-N278	68	N/A	42.1	N/A	N/A	N/A
444401PRP-N279	68	N/A	6.4	N/A	N/A	N/A
444401PRP-N280	68	N/A	42.1	N/A	N/A	N/A
444401PRP-N281	68	N/A	-57.9	N/A	N/A	N/A
444401PRP-N282	68	N/A	-22.1	N/A	N/A	N/A
444401PRP-N283	68	N/A	-0.7	N/A	N/A	N/A
444401PRP-N284	68	N/A	-22.1	N/A	N/A	N/A
444401PRP-N285	68	N/A	77.9	N/A	N/A	N/A
444401PRP-N286	68	N/A	6.4	N/A	N/A	N/A
444401PRP-N287	68	N/A	-86.4	N/A	N/A	N/A
444401PRP-N288	68	N/A	-7.9	N/A	N/A	N/A
444401PRP-N289	68	N/A	27.9	N/A	N/A	N/A
444401PRP-N290	68	N/A	-15.0	N/A	N/A	N/A
444401PRP-N291	68	N/A	49.3	N/A	N/A	N/A
444401PRP-N292	68	N/A	6.4	N/A	N/A	N/A
444401PRP-N293	68	N/A	-15.0	N/A	N/A	N/A
444401PRP-N294	72	N/A	12.9	72	N/A	77.1
444401PRP-N295	68	N/A	49.3	N/A	N/A	N/A
444401PRP-N296	81	N/A	9.3	N/A	N/A	N/A
444401PRP-N297	68	N/A	20.7	N/A	N/A	N/A
444401PRP-N298	81	N/A	-12.1	83	N/A	78.5
444401PRP-N299	81	N/A	-19.3	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N300	81	N/A	-33.6	N/A	N/A	N/A
444401PRP-N301	81	N/A	45.0	N/A	N/A	N/A
444401PRP-N302	81	N/A	-40.7	82	N/A	-39.3
444401PRP-N303	81	N/A	-5.0	N/A	N/A	N/A
444401PRP-N304	56	N/A	-45.7	N/A	N/A	N/A
444401PRP-N305	57	N/A	32.1	N/A	N/A	N/A
444401PRP-N306	56	N/A	25.7	83	N/A	-28.6
444401PRP-N307	57	N/A	-17.9	N/A	N/A	N/A
444401PRP-N308	56	N/A	68.5	82	N/A	17.9
444401PRP-N309	57	N/A	-25.0	N/A	N/A	N/A
444401PRP-N310	56	N/A	18.5	83	N/A	-92.9
444401PRP-N311	57	N/A	-39.3	N/A	N/A	N/A
444401PRP-N312	56	N/A	-102.9	N/A	N/A	N/A
444401PRP-N313	57	N/A	32.1	N/A	N/A	N/A
444401PRP-N314	56	N/A	68.5	82	N/A	-3.6
444401PRP-N315	57	N/A	53.5	N/A	N/A	N/A
444401PRP-N316	56	N/A	-2.9	N/A	N/A	N/A
444401PRP-N317	57	N/A	3.5	N/A	N/A	N/A
444401PRP-N320	56	N/A	4.3	N/A	N/A	N/A
444401PRP-N352	82	N/A	10.7	83	N/A	28.5
444401PRP-N353	83	N/A	-14.3	N/A	N/A	N/A
444401PRP-N354	82	N/A	-39.3	82	N/A	-96.4
444401PRP-N355	83	N/A	-42.9	N/A	N/A	N/A
444401PRP-N356	82	N/A	3.6	83	N/A	-14.3
444401PRP-N357	83	N/A	-57.2	N/A	N/A	N/A
444401PRP-N358	82	N/A	10.7	N/A	N/A	N/A
444401PRP-N359	83	N/A	92.8	N/A	N/A	N/A
444401PRP-N360	82	N/A	17.9	82	N/A	-3.6
444401PRP-N361	83	N/A	42.8	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N362	82	N/A	-10.7	N/A	N/A	N/A
444401PRP-N363	83	N/A	-35.7	N/A	N/A	N/A
444401PRP-N364	82	N/A	17.9	83	N/A	28.5
444401PRP-N365	83	N/A	0.0	N/A	N/A	N/A
444401PRP-N366	82	N/A	-10.7	N/A	N/A	N/A
444401PRP-N367	83	N/A	-71.5	N/A	N/A	N/A
444401PRP-N368	82	N/A	-10.7	82	N/A	-46.4
444401PRP-N369	83	N/A	0.0	N/A	N/A	N/A
444401PRP-N387	82	N/A	-17.9	83	N/A	35.7
444401PRP-N388	83	N/A	50.0	N/A	N/A	N/A
444401PRP-N389	82	N/A	-60.7	N/A	N/A	N/A
444401PRP-N390	83	N/A	0.0	N/A	N/A	N/A
444401PRP-N391	82	N/A	-17.9	82	N/A	-3.6
444401PRP-N392	83	N/A	-28.6	N/A	N/A	N/A
444401PRP-N393	82	N/A	-39.3	N/A	N/A	N/A
444401PRP-N394	83	N/A	-7.2	N/A	N/A	N/A
444401PRP-N395	82	N/A	-39.3	83	N/A	-28.6
444401PRP-N396	83	N/A	-78.6	N/A	N/A	N/A
444401PRP-N397	82	N/A	10.7	N/A	N/A	N/A
444401PRP-N398	83	N/A	-14.3	N/A	N/A	N/A
444401PRP-N400	57	N/A	67.8	82	N/A	-53.6
444401PRP-N401	56	N/A	82.8	N/A	N/A	N/A
444401PRP-N402	57	N/A	53.5	N/A	N/A	N/A
444401PRP-N403	56	N/A	-10.0	N/A	N/A	N/A
444401PRP-N404	83	N/A	7.1	82	N/A	-10.7
444401PRP-N405	82	N/A	-75.0	N/A	N/A	N/A
444401PRP-N406	83	N/A	35.7	N/A	N/A	N/A
444401PRP-N407	82	N/A	-60.7	83	N/A	-71.5
444401PRP-N408	83	N/A	-42.9	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N409	82	N/A	10.7	N/A	N/A	N/A
444401PRP-N410	56	N/A	68.5	68	N/A	-7.9
444401PRP-N411	57	N/A	3.5	N/A	N/A	N/A
444401PRP-N412	56	N/A	-38.6	N/A	N/A	N/A
444401PRP-N413	57	N/A	-25.0	N/A	N/A	N/A
444401PRP-N414	56	N/A	90.0	68	N/A	27.9
444401PRP-N415	57	N/A	-10.7	N/A	N/A	N/A
444401PRP-N416	56	N/A	18.5	N/A	N/A	N/A
444401PRP-N417	57	N/A	3.5	N/A	N/A	N/A
444401PRP-N418	56	N/A	32.8	N/A	N/A	N/A
444401PRP-N419	57	N/A	-17.9	N/A	N/A	N/A
444401PRP-N420	56	N/A	25.7	N/A	N/A	N/A
444401PRP-N421	57	N/A	167.8	N/A	N/A	N/A
444401PRP-N422	56	N/A	90.0	N/A	N/A	N/A
444401PRP-N423	57	N/A	-17.9	68	N/A	-22.1
444401PRP-N424	56	N/A	4.3	N/A	N/A	N/A
444401PRP-N425	57	N/A	-17.9	N/A	N/A	N/A
444401PRP-N426	56	N/A	47.1	68	N/A	56.4
444401PRP-N427	57	N/A	17.8	N/A	N/A	N/A
444401PRP-N428	83	N/A	7.1	N/A	N/A	N/A
444401PRP-N429	82	N/A	-39.3	83	N/A	-50.0
444401PRP-N430	83	N/A	0.0	N/A	N/A	N/A
444401PRP-N431	82	N/A	-3.6	N/A	N/A	N/A
444401PRP-N432	56	N/A	-74.3	82	N/A	-53.6
444401PRP-N433	57	N/A	3.5	N/A	N/A	N/A
444401PRP-N434	56	N/A	25.7	N/A	N/A	N/A
444401PRP-N435	57	N/A	96.4	N/A	N/A	N/A
444401PRP-N436	83	N/A	-14.3	N/A	N/A	N/A
444401PRP-N437	82	N/A	3.6	83	N/A	35.7

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N438	83	N/A	-21.5	82	N/A	-67.9
444401PRP-N439	68	N/A	49.3	N/A	N/A	N/A
444401PRP-N440	68	N/A	-43.6	N/A	N/A	N/A
444401PRP-N441	68	N/A	13.6	N/A	N/A	N/A
444401PRP-N442	68	N/A	27.9	N/A	N/A	N/A
444401PRP-N443	82	N/A	-10.7	N/A	N/A	N/A
444401PRP-N444	83	N/A	-21.5	82	N/A	-25.0
444401PRP-N445	82	N/A	-39.3	83	N/A	-50.0
444401PRP-N446	83	N/A	42.8	N/A	N/A	N/A
444401PRP-N447	82	N/A	-46.4	N/A	N/A	N/A
444401PRP-N448	83	N/A	0.0	82	N/A	-39.3
444401PRP-N449	82	N/A	-53.6	N/A	N/A	N/A
444401PRP-N450	83	N/A	-28.6	N/A	N/A	N/A
444401PRP-N451	83	N/A	-14.3	N/A	N/A	N/A
444401PRP-N452	82	N/A	-46.4	83	N/A	-14.3
444401PRP-N453	68	N/A	20.7	72	N/A	-15.7
444401PRP-N454	68	N/A	-22.1	N/A	N/A	N/A
444401PRP-N455	68	N/A	-7.9	N/A	N/A	N/A
444401PRP-N456	68	N/A	-7.9	N/A	N/A	N/A
444401PRP-N457	68	N/A	42.1	N/A	N/A	N/A
444401PRP-N458	68	N/A	-43.6	N/A	N/A	N/A
444401PRP-N459	83	N/A	-28.6	83	N/A	7.1
444401PRP-N460	82	N/A	17.9	N/A	N/A	N/A
444401PRP-N461	83	N/A	42.8	82	N/A	67.9
444401PRP-N462	82	N/A	-3.6	N/A	N/A	N/A
444401PRP-N463	68	N/A	-36.4	N/A	N/A	N/A
444401PRP-N464	68	N/A	-22.1	N/A	N/A	N/A
444401PRP-N465	68	N/A	20.7	N/A	N/A	N/A
444401PRP-N466	68	N/A	-57.9	72	N/A	41.4

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N467	68	N/A	-7.9	N/A	N/A	N/A
444401PRP-N468	68	N/A	-43.6	68	N/A	13.6
444401PRP-N469	68	N/A	-0.7	N/A	N/A	N/A
444401PRP-N470	68	N/A	85.0	N/A	N/A	N/A
444401PRP-N471	83	N/A	-28.6	N/A	N/A	N/A
444401PRP-N472	68	N/A	-43.6	68	N/A	42.1
444401PRP-N473	82	N/A	-32.1	N/A	N/A	N/A
444401PRP-N474	83	N/A	-42.9	N/A	N/A	N/A
444401PRP-N475	82	N/A	89.3	N/A	N/A	N/A
444401PRP-N476	68	N/A	-22.1	68	N/A	-7.9
444401PRP-N477	83	N/A	-28.6	N/A	N/A	N/A
444401PRP-N478	82	N/A	3.6	N/A	N/A	N/A
444401PRP-N479	83	N/A	-14.3	N/A	N/A	N/A
444401PRP-N480	68	N/A	-15.0	83	N/A	71.4
444401PRP-N481	82	N/A	3.6	N/A	N/A	N/A
444401PRP-N482	83	N/A	-28.6	N/A	N/A	N/A
444401PRP-N483	82	N/A	89.3	N/A	N/A	N/A
444401PRP-N484	68	N/A	-22.1	68	N/A	-0.7
444401PRP-N485	82	N/A	-32.1	N/A	N/A	N/A
444401PRP-N486	82	N/A	17.9	N/A	N/A	N/A
444401PRP-N487	68	N/A	70.7	N/A	N/A	N/A
444401PRP-N488	68	N/A	199.3	68	N/A	-72.1
444401PRP-N489	68	N/A	-57.9	N/A	N/A	N/A
444401PRP-N490	68	N/A	85.0	N/A	N/A	N/A
444401PRP-N491	68	N/A	42.1	N/A	N/A	N/A
444401PRP-N492	68	N/A	-29.3	68	N/A	6.4
444401PRP-N493	68	N/A	85.0	N/A	N/A	N/A
444401PRP-N494	68	N/A	-29.3	N/A	N/A	N/A
444401PRP-N495	68	N/A	-86.4	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N496	68	N/A	199.3	68	N/A	63.6
444401PRP-N497	82	N/A	46.4	N/A	N/A	N/A
444401PRP-N498	83	N/A	-21.5	N/A	N/A	N/A
444401PRP-N499	82	N/A	89.3	N/A	N/A	N/A
444401PRP-N500	68	N/A	-15.0	83	N/A	0.0
444401PRP-N501	83	N/A	14.3	N/A	N/A	N/A
444401PRP-N502	83	N/A	-57.2	N/A	N/A	N/A
444401PRP-N503	82	N/A	3.6	N/A	N/A	N/A
444401PRP-N504	68	N/A	-79.3	83	N/A	42.8
444401PRP-N505	82	N/A	-110.7	N/A	N/A	N/A
444401PRP-N506	83	N/A	0.0	N/A	N/A	N/A
444401PRP-N507	82	N/A	10.7	N/A	N/A	N/A
444401PRP-N508	68	N/A	-65.0	68	N/A	42.1
444401PRP-N509	83	N/A	-50.0	N/A	N/A	N/A
444401PRP-N510	82	N/A	-60.7	N/A	N/A	N/A
444401PRP-N511	69	N/A	72.8	N/A	N/A	N/A
444401PRP-N512	69	N/A	15.7	83	N/A	-14.3
444401PRP-N513	69	N/A	215.7	N/A	N/A	N/A
444401PRP-N514	69	N/A	-5.7	N/A	N/A	N/A
444401PRP-N515	69	N/A	15.7	N/A	N/A	N/A
444401PRP-N516	69	N/A	72.8	69	N/A	58.6
444401PRP-N517	69	N/A	44.3	N/A	N/A	N/A
444401PRP-N518	69	N/A	1.4	N/A	N/A	N/A
444401PRP-N519	83	N/A	-100.0	N/A	N/A	N/A
444401PRP-N520	69	N/A	37.1	69	N/A	-5.7
444401PRP-N521	83	N/A	-7.2	N/A	N/A	N/A
444401PRP-N522	82	N/A	10.7	N/A	N/A	N/A
444401PRP-N523	83	N/A	-14.3	N/A	N/A	N/A
444401PRP-N524	69	N/A	58.6	69	N/A	8.6

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N525	82	N/A	32.1	N/A	N/A	N/A
444401PRP-N526	83	N/A	28.5	N/A	N/A	N/A
444401PRP-N527	82	N/A	53.6	N/A	N/A	N/A
444401PRP-N528	83	N/A	28.5	82	N/A	-10.7
444401PRP-N529	82	N/A	-67.9	N/A	N/A	N/A
444401PRP-N530	83	N/A	-42.9	N/A	N/A	N/A
444401PRP-N531	69	N/A	130.0	83	N/A	-64.3
444401PRP-N532	83	N/A	-21.5	N/A	N/A	N/A
444401PRP-N533	82	N/A	17.9	N/A	N/A	N/A
444401PRP-N534	83	N/A	28.5	N/A	N/A	N/A
444401PRP-N535	69	N/A	1.4	69	N/A	15.7
444401PRP-N536	82	N/A	25.0	N/A	N/A	N/A
444401PRP-N537	83	N/A	-28.6	N/A	N/A	N/A
444401PRP-N538	69	N/A	51.4	N/A	N/A	N/A
444401PRP-N539	69	N/A	30.0	83	N/A	-21.5
444401PRP-N540	69	N/A	101.4	N/A	N/A	N/A
444401PRP-N541	69	N/A	37.1	N/A	N/A	N/A
444401PRP-N542	69	N/A	58.6	N/A	N/A	N/A
444401PRP-N543	69	N/A	130.0	69	N/A	-55.7
444401PRP-N544	69	N/A	30.0	N/A	N/A	N/A
444401PRP-N545	69	N/A	58.6	N/A	N/A	N/A
444401PRP-N546	82	N/A	-17.9	N/A	N/A	N/A
444401PRP-N547	69	N/A	101.4	69	N/A	8.6
444401PRP-N548	82	N/A	10.7	N/A	N/A	N/A
444401PRP-N549	83	N/A	-7.2	N/A	N/A	N/A
444401PRP-N550	82	N/A	32.1	N/A	N/A	N/A
444401PRP-N551	69	N/A	172.8	69	N/A	15.7
444401PRP-N552	83	N/A	-35.7	N/A	N/A	N/A
444401PRP-N553	82	N/A	10.7	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N554	83	N/A	-50.0	N/A	N/A	N/A
444401PRP-N555	82	N/A	-39.3	82	N/A	10.7
444401PRP-N556	83	N/A	14.3	N/A	N/A	N/A
444401PRP-N557	82	N/A	39.3	N/A	N/A	N/A
444401PRP-N558	83	N/A	-35.7	N/A	N/A	N/A
444401PRP-N559	82	N/A	25.0	83	N/A	64.3
444401PRP-N560	83	N/A	-42.9	N/A	N/A	N/A
444401PRP-N561	82	N/A	32.1	N/A	N/A	N/A
444401PRP-N562	83	N/A	-21.5	N/A	N/A	N/A
444401PRP-N563	68	N/A	20.7	69	N/A	101.4
444401PRP-N564	82	N/A	-46.4	N/A	N/A	N/A
444401PRP-N565	83	N/A	14.3	N/A	N/A	N/A
444401PRP-N566	82	N/A	-46.4	N/A	N/A	N/A
444401PRP-N567	68	N/A	-36.4	69	N/A	115.7
444401PRP-N568	83	N/A	85.7	N/A	N/A	N/A
444401PRP-N569	82	N/A	-25.0	N/A	N/A	N/A
444401PRP-N570	68	N/A	-0.7	N/A	N/A	N/A
444401PRP-N571	68	N/A	27.9	69	N/A	-5.7
444401PRP-N572	68	N/A	-72.1	N/A	N/A	N/A
444401PRP-N573	68	N/A	49.3	N/A	N/A	N/A
444401PRP-N574	68	N/A	13.6	N/A	N/A	N/A
444401PRP-N575	68	N/A	113.6	83	N/A	-7.2
444401PRP-N576	68	N/A	-15.0	N/A	N/A	N/A
444401PRP-N577	68	N/A	-36.4	N/A	N/A	N/A
444401PRP-N578	68	N/A	13.6	69	N/A	130.0
444401PRP-N579	82	N/A	3.6	N/A	N/A	N/A
444401PRP-N580	69	N/A	37.1	82	N/A	-89.3
444401PRP-N581	82	N/A	10.7	N/A	N/A	N/A
444401PRP-N582	83	N/A	-50.0	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N583	82	N/A	3.6	N/A	N/A	N/A
444401PRP-N584	83	N/A	28.5	83	N/A	-35.7
444401PRP-N585	82	N/A	-17.9	N/A	N/A	N/A
444401PRP-N586	83	N/A	21.4	N/A	N/A	N/A
444401PRP-N587	82	N/A	-67.9	N/A	N/A	N/A
444401PRP-N588	83	N/A	28.5	82	N/A	-10.7
444401PRP-N589	82	N/A	-39.3	N/A	N/A	N/A
444401PRP-N590	83	N/A	-64.3	N/A	N/A	N/A
444401PRP-N591	82	N/A	-39.3	N/A	N/A	N/A
444401PRP-N592	83	N/A	0.0	82	N/A	-75.0
444401PRP-N593	82	N/A	-25.0	N/A	N/A	N/A
444401PRP-N594	83	N/A	-71.5	N/A	N/A	N/A
444401PRP-N595	82	N/A	17.9	N/A	N/A	N/A
444401PRP-N596	69	N/A	115.7	69	N/A	101.4
444401PRP-N597	83	N/A	-21.5	N/A	N/A	N/A
444401PRP-N598	82	N/A	-32.1	N/A	N/A	N/A
444401PRP-N599	83	N/A	7.1	N/A	N/A	N/A
444401PRP-N600	69	N/A	1.4	69	N/A	44.3
444401PRP-N601	82	N/A	-46.4	N/A	N/A	N/A
444401PRP-N602	83	N/A	28.5	N/A	N/A	N/A
444401PRP-N603	82	N/A	10.7	N/A	N/A	N/A
444401PRP-N604	69	N/A	-48.6	69	N/A	-48.6
444401PRP-N605	81	N/A	16.4	N/A	N/A	N/A
444401PRP-N606	81	N/A	-19.3	N/A	N/A	N/A
444401PRP-N607	81	N/A	37.9	N/A	N/A	N/A
444401PRP-N608	69	N/A	87.1	69	N/A	172.8
444401PRP-N609	81	N/A	-5.0	N/A	N/A	N/A
444401PRP-N610	81	N/A	-76.4	N/A	N/A	N/A
444401PRP-N611	81	N/A	9.3	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N612	69	N/A	115.7	69	N/A	101.4
444401PRP-N613	81	N/A	73.6	N/A	N/A	N/A
444401PRP-N614	81	N/A	23.6	N/A	N/A	N/A
444401PRP-N615	81	N/A	52.1	N/A	N/A	N/A
444401PRP-N616	81	N/A	-26.4	N/A	N/A	N/A
444401PRP-N617	81	N/A	-12.1	82	N/A	-46.4
444401PRP-N618	81	N/A	2.1	N/A	N/A	N/A
444401PRP-N619	81	N/A	37.9	N/A	N/A	N/A
444401PRP-N620	81	N/A	66.4	N/A	N/A	N/A
444401PRP-N621	68	N/A	-57.9	69	N/A	87.1
444401PRP-N622	81	N/A	30.7	N/A	N/A	N/A
444401PRP-N623	81	N/A	9.3	N/A	N/A	N/A
444401PRP-N624	81	N/A	-40.7	N/A	N/A	N/A
444401PRP-N625	68	N/A	-57.9	69	N/A	15.7
444401PRP-N626	81	N/A	-55.0	N/A	N/A	N/A
444401PRP-N627	81	N/A	9.3	N/A	N/A	N/A
444401PRP-N628	81	N/A	259.3	N/A	N/A	N/A
444401PRP-N629	68	N/A	-29.3	81	N/A	-12.1
444401PRP-N630	81	N/A	-19.3	N/A	N/A	N/A
444401PRP-N631	81	N/A	45.0	N/A	N/A	N/A
444401PRP-N632	81	N/A	-69.3	N/A	N/A	N/A
444401PRP-N633	68	N/A	27.9	81	N/A	30.7
444401PRP-N634	68	N/A	-7.9	N/A	N/A	N/A
444401PRP-N635	69	N/A	58.6	N/A	N/A	N/A
444401PRP-N636	68	N/A	-15.0	N/A	N/A	N/A
444401PRP-N637	69	N/A	1.4	68	N/A	56.4
444401PRP-N638	68	N/A	20.7	N/A	N/A	N/A
444401PRP-N639	69	N/A	30.0	N/A	N/A	N/A
444401PRP-N640	68	N/A	-43.6	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N641	69	N/A	-70.0	68	N/A	-7.9
444401PRP-N642	68	N/A	-79.3	N/A	N/A	N/A
444401PRP-N643	69	N/A	-48.6	N/A	N/A	N/A
444401PRP-N644	68	N/A	-43.6	N/A	N/A	N/A
444401PRP-N645	69	N/A	115.7	68	N/A	-79.3
444401PRP-N646	68	N/A	-29.3	N/A	N/A	N/A
444401PRP-N647	69	N/A	65.7	N/A	N/A	N/A
444401PRP-N648	68	N/A	-15.0	N/A	N/A	N/A
444401PRP-N649	69	N/A	30.0	69	N/A	115.7
444401PRP-N650	68	N/A	-7.9	N/A	N/A	N/A
444401PRP-N651	69	N/A	-34.3	N/A	N/A	N/A
444401PRP-N652	68	N/A	42.1	N/A	N/A	N/A
444401PRP-N653	69	N/A	8.6	69	N/A	44.3
444401PRP-N654	68	N/A	20.7	N/A	N/A	N/A
444401PRP-N655	69	N/A	72.8	N/A	N/A	N/A
444401PRP-N656	68	N/A	106.4	N/A	N/A	N/A
444401PRP-N657	69	N/A	15.7	69	N/A	80.0
444401PRP-N658	68	N/A	-57.9	N/A	N/A	N/A
444401PRP-N659	69	N/A	30.0	N/A	N/A	N/A
444401PRP-N660	68	N/A	13.6	N/A	N/A	N/A
444401PRP-N661	69	N/A	1.4	69	N/A	101.4
444401PRP-N662	68	N/A	-43.6	N/A	N/A	N/A
444401PRP-N663	69	N/A	51.4	N/A	N/A	N/A
444401PRP-N664	68	N/A	-72.1	N/A	N/A	N/A
444401PRP-N665	69	N/A	-55.7	69	N/A	72.8
444401PRP-N666	68	N/A	-43.6	N/A	N/A	N/A
444401PRP-N667	69	N/A	-91.4	N/A	N/A	N/A
444401PRP-N668	68	N/A	-72.1	N/A	N/A	N/A
444401PRP-N669	69	N/A	30.0	68	N/A	-72.1

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N670	68	N/A	-57.9	N/A	N/A	N/A
444401PRP-N671	69	N/A	-48.6	N/A	N/A	N/A
444401PRP-N672	68	N/A	-7.9	N/A	N/A	N/A
444401PRP-N673	69	N/A	15.7	68	N/A	-72.1
444401PRP-N674	68	N/A	20.7	N/A	N/A	N/A
444401PRP-N675	69	N/A	65.7	N/A	N/A	N/A
444401PRP-N676	68	N/A	56.4	N/A	N/A	N/A
444401PRP-N677	69	N/A	8.6	69	N/A	58.6
444401PRP-N678	61	N/A	31.5	N/A	N/A	N/A
444401PRP-N679	61	N/A	45.8	N/A	N/A	N/A
444401PRP-N680	61	N/A	2.9	N/A	N/A	N/A
444401PRP-N681	61	N/A	-40.0	68	N/A	-79.3
444401PRP-N682	61	N/A	38.6	N/A	N/A	N/A
444401PRP-N683	61	N/A	-32.8	N/A	N/A	N/A
444401PRP-N684	61	N/A	-11.4	N/A	N/A	N/A
444401PRP-N685	61	N/A	10.0	61	N/A	81.5
444401PRP-N686	61	N/A	38.6	N/A	N/A	N/A
444401PRP-N687	61	N/A	45.8	N/A	N/A	N/A
444401PRP-N688	61	N/A	24.3	N/A	N/A	N/A
444401PRP-N689	61	N/A	-4.2	61	N/A	31.5
444401PRP-N690	61	N/A	60.0	N/A	N/A	N/A
444401PRP-N691	61	N/A	52.9	N/A	N/A	N/A
444401PRP-N692	61	N/A	88.6	N/A	N/A	N/A
444401PRP-N693	61	N/A	2.9	61	N/A	-4.2
444401PRP-N694	61	N/A	-40.0	N/A	N/A	N/A
444401PRP-N695	61	N/A	31.5	N/A	N/A	N/A
444401PRP-N696	61	N/A	10.0	N/A	N/A	N/A
444401PRP-N697	61	N/A	2.9	61	N/A	45.8
444401PRP-N698	61	N/A	-25.7	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N699	61	N/A	74.3	N/A	N/A	N/A
444401PRP-N700	61	N/A	10.0	72	N/A	55.7
444401PRP-N701	61	N/A	24.3	61	N/A	-25.7
444401PRP-N702	61	N/A	2.9	N/A	N/A	N/A
444401PRP-N703	61	N/A	24.3	N/A	N/A	N/A
444401PRP-N704	61	N/A	38.6	N/A	N/A	N/A
444401PRP-N705	61	N/A	10.0	61	N/A	24.3
444401PRP-N706	61	N/A	60.0	N/A	N/A	N/A
444401PRP-N707	61	N/A	-4.2	N/A	N/A	N/A
444401PRP-N708	61	N/A	-40.0	N/A	N/A	N/A
444401PRP-N709	61	N/A	67.2	61	N/A	31.5
444401PRP-N710	61	N/A	31.5	N/A	N/A	N/A
444401PRP-N711	61	N/A	17.2	N/A	N/A	N/A
444401PRP-N712	56	N/A	40.0	N/A	N/A	N/A
444401PRP-N713	57	N/A	-10.7	56	N/A	18.5
444401PRP-N714	56	N/A	32.8	N/A	N/A	N/A
444401PRP-N715	57	N/A	25.0	N/A	N/A	N/A
444401PRP-N716	56	N/A	61.4	N/A	N/A	N/A
444401PRP-N717	57	N/A	-82.2	56	N/A	-45.7
444401PRP-N718	56	N/A	-17.2	N/A	N/A	N/A
444401PRP-N719	57	N/A	3.5	N/A	N/A	N/A
444401PRP-N720	56	N/A	-17.2	N/A	N/A	N/A
444401PRP-N721	57	N/A	46.4	56	N/A	68.5
444401PRP-N722	56	N/A	68.5	57	N/A	-32.2
444401PRP-N723	57	N/A	67.8	57	N/A	67.8
444401PRP-N724	56	N/A	11.4	72	N/A	5.7
444401PRP-N725	57	N/A	-39.3	56	N/A	-17.2
444401PRP-N726	56	N/A	25.7	N/A	N/A	N/A
444401PRP-N727	57	N/A	3.5	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N728	56	N/A	25.7	N/A	N/A	N/A
444401PRP-N729	57	N/A	-46.5	57	N/A	32.1
444401PRP-N730	56	N/A	40.0	N/A	N/A	N/A
444401PRP-N731	57	N/A	-96.5	N/A	N/A	N/A
444401PRP-N732	56	N/A	40.0	N/A	N/A	N/A
444401PRP-N733	57	N/A	32.1	56	N/A	4.3
444401PRP-N734	56	N/A	-67.2	N/A	N/A	N/A
444401PRP-N735	57	N/A	-32.2	N/A	N/A	N/A
444401PRP-N736	56	N/A	25.7	N/A	N/A	N/A
444401PRP-N737	57	N/A	-32.2	57	N/A	-32.2
444401PRP-N738	56	N/A	-74.3	N/A	N/A	N/A
444401PRP-N739	57	N/A	-46.5	N/A	N/A	N/A
444401PRP-N740	56	N/A	-2.9	N/A	N/A	N/A
444401PRP-N741	57	N/A	-10.7	56	N/A	-10.0
444401PRP-N742	56	N/A	-17.2	N/A	N/A	N/A
444401PRP-N743	57	N/A	25.0	N/A	N/A	N/A
444401PRP-N744	56	N/A	18.5	56	N/A	-2.9
444401PRP-N745	57	N/A	-82.2	N/A	N/A	N/A
444401PRP-N746	56	N/A	-2.9	N/A	N/A	N/A
444401PRP-N747	57	N/A	-3.6	N/A	N/A	N/A
444401PRP-N748	56	N/A	25.7	N/A	N/A	N/A
444401PRP-N749	57	N/A	-46.5	57	N/A	-53.6
444401PRP-N750	56	N/A	97.1	N/A	N/A	N/A
444401PRP-N751	57	N/A	39.3	N/A	N/A	N/A
444401PRP-N752	56	N/A	-38.6	N/A	N/A	N/A
444401PRP-N753	57	N/A	3.5	57	N/A	-17.9
444401PRP-N754	56	N/A	61.4	N/A	N/A	N/A
444401PRP-N755	57	N/A	-25.0	N/A	N/A	N/A
444401PRP-N756	56	N/A	11.4	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N757	57	N/A	39.3	56	N/A	11.4
444401PRP-N758	56	N/A	-31.5	N/A	N/A	N/A
444401PRP-N759	57	N/A	10.7	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PBP-N001	5	N/A	4.3	5	N/A	6.4
444401PBP-N002	6	N/A	68.6	6	N/A	-13.6
444401PBP-N003	5	N/A	-60.0	5	N/A	-5.6
444401PBP-N004	6	N/A	-24.3	6	N/A	14.4
444401PBP-N005	5	N/A	-95.7	5	N/A	26.4
444401PBP-N006	6	N/A	-10.0	6	N/A	22.4
444401PBP-N007	5	N/A	-17.1	5	N/A	-25.6
444401PBP-N008	6	N/A	-24.3	6	N/A	6.4
444401PBP-N009	5	N/A	-38.5	5	N/A	-41.6
444401PBP-N010	6	N/A	4.3	6	N/A	-33.6
444401PBP-N011	5	N/A	-2.8	5	N/A	-13.6
444401PBP-N012	6	N/A	132.9	6	N/A	14.4
444401PBP-N013	5	N/A	-17.1	5	N/A	-37.6
444401PBP-N014	6	N/A	4.3	6	N/A	6.4
444401PBP-N016	6	N/A	40.0	5	N/A	-1.6
444401PBP-N017	5	N/A	18.6	6	N/A	-37.6
444401PBP-N046	11	N/A	-19.3	11	N/A	-22.8
444401PBP-N047	12	N/A	-0.7	12	N/A	-4.4
444401PBP-N048	11	N/A	-26.4	11	N/A	1.2
444401PBP-N049	11	N/A	-40.7	11	N/A	-26.8
444401PBP-N050	12	N/A	85.0	12	N/A	-32.4
444401PBP-N051	11	N/A	-55.0	11	N/A	1.2
444401PBP-N052	12	N/A	-7.9	12	N/A	19.6
444401PBP-N053	11	N/A	-33.6	11	N/A	13.2
444401PBP-N054	12	N/A	-7.9	12	N/A	-16.4
444401PBP-N055	11	N/A	-40.7	11	N/A	1.2
444401PBP-N056	12	N/A	-86.5	12	N/A	35.6

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PBP-N058	15	N/A	85.7	15	N/A	16.0
444401PBP-N059	14	N/A	71.4	14	N/A	4.0
444401PBP-N060	15	N/A	-7.1	15	N/A	4.0
444401PBP-N061	14	N/A	7.1	14	N/A	4.0
444401PBP-N062	14	N/A	50.0	15	N/A	-48.0
444401PBP-N063	15	N/A	-28.5	14	N/A	32.0
444401PBP-N064	2	N/A	1.4	2	N/A	20.8
444401PBP-N065	3	N/A	-9.3	3	N/A	-53.2
444401PBP-N066	2	N/A	1.4	2	N/A	28.8
444401PBP-N067	3	N/A	105.0	3	N/A	-49.2
444401PBP-N068	2	N/A	-20.0	2	N/A	8.8
444401PBP-N069	3	N/A	-2.2	3	N/A	30.8
444401PBP-N070	2	N/A	51.4	2	N/A	-19.2
444401PBP-N071	3	N/A	26.4	3	N/A	-13.2
444401PBP-N072	2	N/A	-12.9	2	N/A	20.8
444401PBP-N073	3	N/A	-37.9	3	N/A	-37.2
444401PBP-N074	2	N/A	15.7	2	N/A	-23.2
444401PBP-N075	3	N/A	-66.5	3	N/A	-25.2
444401PBP-N076	2	N/A	37.1	2	N/A	-7.2
444401PBP-N077	3	N/A	-2.2	3	N/A	6.8
444401PBP-N078	2	N/A	-77.2	2	N/A	-27.2
444401PBP-N079	3	N/A	-66.5	3	N/A	-41.2
444401PBP-N080	2	N/A	30.0	2	N/A	20.8
444401PBP-N081	3	N/A	76.4	3	N/A	14.8
444401PBP-N082	2	N/A	30.0	2	N/A	-19.2
444401PBP-N083	3	N/A	-102.2	3	N/A	34.8
444401PBP-N084	2	N/A	30.0	2	N/A	-39.2

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PBP-N085	3	N/A	-23.6	3	N/A	18.8
444401PBP-N086	2	N/A	-27.2	2	N/A	-15.2
444401PBP-N087	3	N/A	5.0	3	N/A	-5.2
444401PBP-N088	2	N/A	-5.8	2	N/A	0.8
444401PBP-N090	15	N/A	-85.7	15	N/A	-68.0
444401PBP-N091	14	N/A	21.4	14	N/A	4.0
444401PBP-N092	15	N/A	-7.1	15	N/A	-40.0
444401PBP-N093	14	N/A	35.7	14	N/A	56.0
444401PBP-N094	15	N/A	-57.1	15	N/A	-24.0
444401PBP-N095	17	N/A	8.5	17	N/A	16.8
444401PBP-N096	18	N/A	-40.0	18	N/A	9.6
444401PBP-N097	17	N/A	44.3	17	N/A	-15.2
444401PBP-N098	18	N/A	-61.5	18	N/A	-34.4
444401PBP-N099	17	N/A	8.5	17	N/A	0.8
444401PBP-N100	18	N/A	-18.6	18	N/A	-42.4
444401PBP-N101	17	N/A	-5.7	17	N/A	-15.2
444401PBP-N102	18	N/A	-25.8	18	N/A	-50.4
444401PBP-N103	17	N/A	30.0	17	N/A	-19.2
444401PBP-N104	18	N/A	-90.0	18	N/A	-22.4
444401PBP-N105	17	N/A	-5.7	17	N/A	24.8
444401PBP-N106	18	N/A	-32.9	18	N/A	-38.4
444401PBP-N107	17	N/A	-34.3	17	N/A	16.8
444401PBP-N108	18	N/A	-11.5	18	N/A	-2.4
444401PBP-N109	17	N/A	-70.0	17	N/A	24.8
444401PBP-N110	20	N/A	-38.5	20	N/A	-9.6
444401PBP-N111	21	N/A	113.5	21	N/A	-0.4
444401PBP-N112	20	N/A	11.5	20	N/A	-33.6

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PBP-N113	21	N/A	-57.9	21	N/A	3.6
444401PBP-N114	20	N/A	32.9	20	N/A	10.4
444401PBP-N115	21	N/A	13.5	21	N/A	7.6
444401PBP-N116	20	N/A	11.5	20	N/A	30.4
444401PBP-N117	20	N/A	-10.0	20	N/A	-9.6
444401PBP-N118	21	N/A	63.5	21	N/A	15.6
444401PBP-N119	20	N/A	-24.2	20	N/A	54.4
444401PBP-N120	21	N/A	-72.2	21	N/A	71.6
444401PBP-N121	20	N/A	32.9	20	N/A	22.4
444401PBP-N122	21	N/A	-50.7	21	N/A	-48.4
444401PBP-N123	20	N/A	-31.4	20	N/A	-29.6
444401PBP-N124	21	N/A	35.0	21	N/A	3.6
444401PBP-N125	22	N/A	15.7	22	N/A	36.8
444401PBP-N126	22	N/A	37.1	22	N/A	0.8
444401PBP-N127	22	N/A	8.6	22	N/A	12.8
444401PBP-N128	22	N/A	-20.0	22	N/A	40.8
444401PBP-N129	22	N/A	-20.0	22	N/A	24.8
444401PBP-N130	22	N/A	-34.3	22	N/A	-7.2
444401PBP-N131	22	N/A	-5.7	22	N/A	8.8
444401PBP-N132	22	N/A	-84.3	22	N/A	60.8
444401PBP-N133	22	N/A	8.6	22	N/A	20.8
444401PBP-N134	22	N/A	-48.6	22	N/A	-15.2
444401PBP-N152	24	N/A	-45.7	24	N/A	34.4
444401PBP-N154	24	N/A	54.3	24	N/A	14.4
444401PBP-N155	24	N/A	-17.1	24	N/A	-21.6
444401PBP-N156	24	N/A	-2.9	24	N/A	-17.6
444401PBP-N157	24	N/A	-2.9	24	N/A	10.4

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PBP-N158	24	N/A	4.3	24	N/A	42.4
444401PBP-N204	56	N/A	47.1	57	N/A	-46.5
444401PBP-N224	34	N/A	38.6	35	N/A	-17.2
444401PBP-N225	34	N/A	2.9	35	N/A	42.8
444401PBP-N230	34	N/A	81.5	35	N/A	-41.2
444401PBP-N232	34	N/A	-4.3	35	N/A	-1.2
444401PBP-N233	34	N/A	-4.3	35	N/A	22.8
444401PBP-N235	34	N/A	-25.7	35	N/A	-33.2
444401PBP-N236	34	N/A	88.6	35	N/A	22.8
444401PBP-N238	34	N/A	138.6	35	N/A	22.8
444401PBP-N239	34	N/A	-18.5	35	N/A	18.8
444401PBP-N760	56	N/A	47.1	56	N/A	-2.9
444401PBP-N761	57	N/A	-17.9	57	N/A	-3.6
444401PBP-N762	56	N/A	104.3	56	N/A	-2.9
444401PBP-N763	57	N/A	-67.9	57	N/A	10.7
444401PBP-N764	56	N/A	11.4	56	N/A	97.1
444401PBP-N765	57	N/A	46.4	57	N/A	-3.6
444401PBP-N766	56	N/A	47.1	56	N/A	-52.9
444401PBP-N767	57	N/A	-25.0	57	N/A	132.1

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N242	67	N/A	1,179.4	N/A	N/A	N/A
444401PRP-N243	67	N/A	815.7	N/A	N/A	N/A
444401PRP-N244	67	N/A	2,452.1	N/A	N/A	N/A
444401PRP-N245	67	N/A	1,415.7	N/A	N/A	N/A
444401PRP-N246	67	N/A	70.3	N/A	N/A	N/A
444401PRP-N247	67	N/A	1,552.1	N/A	N/A	N/A
444401PRP-N248	67	N/A	1,265.7	71	N/A	935.8
444401PRP-N249	67	N/A	1,083.9	N/A	N/A	N/A
444401PRP-N250	67	N/A	1,133.9	N/A	N/A	N/A
444401PRP-N251	73	N/A	1,111.2	N/A	N/A	N/A
444401PRP-N252	73	N/A	1,020.3	76	N/A	1,467.7
444401PRP-N253	77	N/A	-43.3	N/A	N/A	N/A
444401PRP-N254	77	N/A	6.7	N/A	N/A	N/A
444401PRP-N255	77	N/A	24.8	76	N/A	1,208.6
444401PRP-N256	77	N/A	-184.3	N/A	N/A	N/A
444401PRP-N257	77	N/A	6.7	N/A	N/A	N/A
444401PRP-N258	77	N/A	-75.2	N/A	N/A	N/A
444401PRP-N259	73	N/A	1,133.9	76	N/A	1,099.5
444401PRP-N260	73	N/A	1,115.7	N/A	N/A	N/A
444401PRP-N261	73	N/A	1,370.3	N/A	N/A	N/A
444401PRP-N262	73	N/A	1,206.7	N/A	N/A	N/A
444401PRP-N263	73	N/A	1,620.3	76	N/A	990.4
444401PRP-N264	73	N/A	974.8	N/A	N/A	N/A
444401PRP-N265	73	N/A	1,115.7	N/A	N/A	N/A
444401PRP-N266	73	N/A	1,074.8	N/A	N/A	N/A
444401PRP-N267	73	N/A	1,047.6	76	N/A	1,044.9
444401PRP-N268	73	N/A	1,079.4	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N269	77	N/A	56.7	N/A	N/A	N/A
444401PRP-N270	77	N/A	-61.5	N/A	N/A	N/A
444401PRP-N271	77	N/A	-420.6	76	N/A	731.3
444401PRP-N272	77	N/A	174.8	N/A	N/A	N/A
444401PRP-N273	77	N/A	438.5	N/A	N/A	N/A
444401PRP-N274	77	N/A	638.5	76	N/A	1,467.7
444401PRP-N275	77	N/A	-547.9	N/A	N/A	N/A
444401PRP-N276	77	N/A	-452.4	N/A	N/A	N/A
444401PRP-N277	77	N/A	-520.6	N/A	N/A	N/A
444401PRP-N278	67	N/A	152.1	N/A	N/A	N/A
444401PRP-N279	67	N/A	-720.6	N/A	N/A	N/A
444401PRP-N280	67	N/A	1,074.8	N/A	N/A	N/A
444401PRP-N281	67	N/A	-397.9	N/A	N/A	N/A
444401PRP-N282	67	N/A	838.5	N/A	N/A	N/A
444401PRP-N283	67	N/A	4,152.1	N/A	N/A	N/A
444401QRP-N283	74	N/A	4,076.0	N/A	N/A	N/A
444401PRP-N284	67	N/A	3,756.7	N/A	N/A	N/A
444401QRP-N284	74	N/A	3,280.6	N/A	N/A	N/A
444401PRP-N285	67	N/A	215.7	N/A	N/A	N/A
444401PRP-N286	67	N/A	1,652.1	N/A	N/A	N/A
444401PRP-N287	67	N/A	1,565.7	N/A	N/A	N/A
444401PRP-N288	67	N/A	956.7	N/A	N/A	N/A
444401PRP-N289	67	N/A	1,779.4	N/A	N/A	N/A
444401PRP-N290	67	N/A	879.4	N/A	N/A	N/A
444401PRP-N291	67	N/A	1,583.9	N/A	N/A	N/A
444401PRP-N292	67	N/A	1,306.7	N/A	N/A	N/A
444401PRP-N293	67	N/A	1,683.9	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N294	71	N/A	2,197.6	71	N/A	758.6
444401QRP-N294	74	N/A	2,398.7	N/A	N/A	N/A
444401PRP-N295	67	N/A	-693.3	N/A	N/A	N/A
444401PRP-N296	77	N/A	688.5	N/A	N/A	N/A
444401PRP-N297	77	N/A	1,297.6	N/A	N/A	N/A
444401PRP-N298	75	N/A	3,393.0	76	N/A	1,604.0
444401PRP-N299	77	N/A	724.8	N/A	N/A	N/A
444401PRP-N300	77	N/A	43.0	N/A	N/A	N/A
444401PRP-N301	77	N/A	-193.3	N/A	N/A	N/A
444401PRP-N302	77	N/A	56.7	76	N/A	1,181.3
444401PRP-N303	77	N/A	-207.0	N/A	N/A	N/A
444401PRP-N304	58	N/A	1,120.3	N/A	N/A	N/A
444401PRP-N305	58	N/A	988.5	N/A	N/A	N/A
444401PRP-N306	58	N/A	1,911.2	76	N/A	1,317.7
444401PRP-N307	58	N/A	1,229.4	N/A	N/A	N/A
444401PRP-N308	58	N/A	1,174.8	76	N/A	1,181.3
444401PRP-N309	58	N/A	893.0	N/A	N/A	N/A
444401PRP-N310	58	N/A	983.9	76	N/A	1,249.5
444401PRP-N311	58	N/A	1,497.6	N/A	N/A	N/A
444401PRP-N312	58	N/A	1,065.7	N/A	N/A	N/A
444401PRP-N313	58	N/A	1,988.5	N/A	N/A	N/A
444401QRP-N313	78	N/A	1,503.3	N/A	N/A	N/A
444401PRP-N314	58	N/A	2,443.0	76	N/A	1,140.4
444401QRP-N314	78	N/A	2,089.7	N/A	N/A	N/A
444401PRP-N315	58	N/A	1,661.2	N/A	N/A	N/A
444401PRP-N316	58	N/A	1,606.7	N/A	N/A	N/A
444401PRP-N317	58	N/A	1,147.6	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N320	58	N/A	1,579.4	N/A	N/A	N/A
444401PRP-N352	77	N/A	383.9	76	N/A	1,263.1
444401PRP-N353	77	N/A	361.2	N/A	N/A	N/A
444401PRP-N354	77	N/A	93.0	76	N/A	390.4
444401PRP-N355	77	N/A	65.7	N/A	N/A	N/A
444401PRP-N356	77	N/A	120.3	76	N/A	449.5
444401PRP-N357	77	N/A	197.6	N/A	N/A	N/A
444401PRP-N358	77	N/A	161.2	N/A	N/A	N/A
444401PRP-N359	77	N/A	61.2	N/A	N/A	N/A
444401PRP-N360	77	N/A	-52.4	76	N/A	663.1
444401PRP-N361	77	N/A	393.0	N/A	N/A	N/A
444401PRP-N362	77	N/A	452.1	N/A	N/A	N/A
444401PRP-N363	77	N/A	120.3	N/A	N/A	N/A
444401PRP-N364	77	N/A	29.4	76	N/A	163.1
444401PRP-N365	77	N/A	-57.0	N/A	N/A	N/A
444401PRP-N366	77	N/A	111.2	N/A	N/A	N/A
444401PRP-N367	77	N/A	70.3	N/A	N/A	N/A
444401PRP-N368	77	N/A	-129.7	76	N/A	626.7
444401PRP-N369	77	N/A	-116.1	N/A	N/A	N/A
444401PRP-N387	73	N/A	879.4	76	N/A	676.7
444401PRP-N388	73	N/A	993.0	N/A	N/A	N/A
444401PRP-N389	73	N/A	747.6	N/A	N/A	N/A
444401PRP-N390	73	N/A	661.2	N/A	N/A	N/A
444401PRP-N391	75	N/A	1,152.1	76	N/A	463.1
444401PRP-N392	77	N/A	124.8	N/A	N/A	N/A
444401PRP-N393	77	N/A	356.7	N/A	N/A	N/A
444401PRP-N394	77	N/A	279.4	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N395	77	N/A	211.2	76	N/A	535.8
444401PRP-N396	77	N/A	138.5	N/A	N/A	N/A
444401PRP-N397	77	N/A	120.3	N/A	N/A	N/A
444401PRP-N398	77	N/A	297.6	N/A	N/A	N/A
444401PRP-N400	58	N/A	1,574.8	76	N/A	1,058.6
444401QRP-N400	78	N/A	1,257.8	N/A	N/A	N/A
444401PRP-N401	58	N/A	1,183.9	N/A	N/A	N/A
444401PRP-N402	58	N/A	1,215.7	N/A	N/A	N/A
444401PRP-N403	58	N/A	1,138.5	N/A	N/A	N/A
444401PRP-N404	77	N/A	483.9	76	N/A	1,094.9
444401PRP-N405	77	N/A	447.6	N/A	N/A	N/A
444401PRP-N406	77	N/A	333.9	N/A	N/A	N/A
444401PRP-N407	77	N/A	679.4	76	N/A	408.6
444401PRP-N408	77	N/A	620.3	N/A	N/A	N/A
444401PRP-N409	77	N/A	306.7	N/A	N/A	N/A
444401PRP-N410	58	N/A	2,329.4	66	N/A	1,390.4
444401QRP-N410	74	N/A	2,362.4	N/A	N/A	N/A
444401PRP-N411	58	N/A	1,593.0	N/A	N/A	N/A
444401PRP-N412	58	N/A	670.3	N/A	N/A	N/A
444401PRP-N413	58	N/A	1,524.8	N/A	N/A	N/A
444401PRP-N414	58	N/A	1,224.8	66	N/A	1,040.4
444401PRP-N415	58	N/A	483.9	N/A	N/A	N/A
444401PRP-N416	58	N/A	1,029.4	N/A	N/A	N/A
444401PRP-N417	58	N/A	-484.3	N/A	N/A	N/A
444401PRP-N418	58	N/A	-202.4	N/A	N/A	N/A
444401PRP-N419	58	N/A	2,152.1	N/A	N/A	N/A
444401QRP-N419	74	N/A	2,053.3	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N420	58	N/A	997.6	N/A	N/A	N/A
444401PRP-N421	58	N/A	1,120.3	N/A	N/A	N/A
444401PRP-N422	58	N/A	488.5	66	N/A	267.7
444401PRP-N423	58	N/A	765.7	N/A	N/A	N/A
444401PRP-N424	58	N/A	924.8	N/A	N/A	N/A
444401PRP-N425	58	N/A	556.7	N/A	N/A	N/A
444401PRP-N426	58	N/A	770.3	66	N/A	940.4
444401PRP-N427	58	N/A	1,033.9	N/A	N/A	N/A
444401PRP-N428	73	N/A	1,074.8	N/A	N/A	N/A
444401PRP-N429	73	N/A	1,179.4	76	N/A	790.4
444401PRP-N430	73	N/A	979.4	N/A	N/A	N/A
444401PRP-N431	73	N/A	1,233.9	N/A	N/A	N/A
444401PRP-N432	58	N/A	1,288.5	76	N/A	935.8
444401PRP-N433	58	N/A	1,615.7	N/A	N/A	N/A
444401PRP-N434	58	N/A	847.6	N/A	N/A	N/A
444401PRP-N435	58	N/A	1,756.7	N/A	N/A	N/A
444401QRP-N435	78	N/A	1,657.8	N/A	N/A	N/A
444401PRP-N436	77	N/A	538.5	N/A	N/A	N/A
444401PRP-N437	77	N/A	352.1	76	N/A	758.6
444401PRP-N438	77	N/A	693.0	76	N/A	740.4
444401PRP-N439	67	N/A	1,502.1	N/A	N/A	N/A
444401PRP-N440	67	N/A	802.1	N/A	N/A	N/A
444401PRP-N441	67	N/A	1,293.0	N/A	N/A	N/A
444401PRP-N442	67	N/A	1,283.9	N/A	N/A	N/A
444401PRP-N443	77	N/A	-20.6	N/A	N/A	N/A
444401PRP-N444	77	N/A	52.1	76	N/A	208.6
444401PRP-N445	77	N/A	11.2	76	N/A	35.8

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N446	77	N/A	420.3	N/A	N/A	N/A
444401PRP-N447	77	N/A	429.4	N/A	N/A	N/A
444401PRP-N448	77	N/A	24.8	80	N/A	-441.4
444401PRP-N449	77	N/A	-38.8	N/A	N/A	N/A
444401PRP-N450	77	N/A	679.4	N/A	N/A	N/A
444401PRP-N451	77	N/A	393.0	N/A	N/A	N/A
444401PRP-N452	77	N/A	1,538.5	76	N/A	922.2
444401PRP-N453	67	N/A	1,083.9	71	N/A	1,113.1
444401PRP-N454	67	N/A	1,415.7	N/A	N/A	N/A
444401PRP-N455	67	N/A	2,643.0	N/A	N/A	N/A
444401QRP-N455	78	N/A	2,526.0	N/A	N/A	N/A
444401PRP-N456	67	N/A	1,288.5	N/A	N/A	N/A
444401PRP-N457	67	N/A	843.0	N/A	N/A	N/A
444401PRP-N458	67	N/A	924.8	N/A	N/A	N/A
444401PRP-N459	77	N/A	1,029.4	76	N/A	1,163.1
444401PRP-N460	77	N/A	852.1	N/A	N/A	N/A
444401PRP-N461	77	N/A	883.9	76	N/A	867.7
444401PRP-N462	77	N/A	1,024.8	N/A	N/A	N/A
444401PRP-N463	67	N/A	702.1	N/A	N/A	N/A
444401PRP-N464	67	N/A	1,311.2	N/A	N/A	N/A
444401PRP-N465	67	N/A	1,447.6	N/A	N/A	N/A
444401PRP-N466	67	N/A	1,215.7	71	N/A	876.7
444401PRP-N467	70	N/A	1,224.8	N/A	N/A	N/A
444401PRP-N468	70	N/A	1,470.3	66	N/A	1,413.1
444401PRP-N469	70	N/A	1,333.9	N/A	N/A	N/A
444401PRP-N470	70	N/A	1,370.3	N/A	N/A	N/A
444401PRP-N471	79	N/A	1,483.9	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N472	70	N/A	1,524.8	66	N/A	1,990.4
444401PRP-N473	79	N/A	1,420.3	N/A	N/A	N/A
444401PRP-N474	79	N/A	1,561.2	N/A	N/A	N/A
444401PRP-N475	79	N/A	1,479.4	N/A	N/A	N/A
444401PRP-N476	70	N/A	1,379.4	66	N/A	1,076.7
444401PRP-N477	79	N/A	1,588.5	N/A	N/A	N/A
444401PRP-N478	79	N/A	1,556.7	N/A	N/A	N/A
444401PRP-N479	79	N/A	1,352.1	N/A	N/A	N/A
444401PRP-N480	70	N/A	1,470.3	80	N/A	1,349.5
444401PRP-N481	79	N/A	1,193.0	N/A	N/A	N/A
444401PRP-N482	79	N/A	1,252.1	N/A	N/A	N/A
444401PRP-N483	79	N/A	1,511.2	N/A	N/A	N/A
444401PRP-N484	70	N/A	1,143.0	66	N/A	1,867.7
444401PRP-N485	79	N/A	1,488.5	N/A	N/A	N/A
444401PRP-N486	79	N/A	1,288.5	N/A	N/A	N/A
444401PRP-N487	70	N/A	1,961.2	N/A	N/A	N/A
444401PRP-N488	70	N/A	1,470.3	66	N/A	1,685.8
444401PRP-N489	70	N/A	1,224.8	N/A	N/A	N/A
444401PRP-N490	70	N/A	802.1	N/A	N/A	N/A
444401PRP-N491	70	N/A	1,338.5	N/A	N/A	N/A
444401PRP-N492	70	N/A	979.4	66	N/A	1,358.6
444401PRP-N493	70	N/A	1,088.5	N/A	N/A	N/A
444401PRP-N494	70	N/A	1,283.9	N/A	N/A	N/A
444401PRP-N495	70	N/A	970.3	N/A	N/A	N/A
444401PRP-N496	70	N/A	733.9	66	N/A	1,767.7
444401PRP-N497	79	N/A	1,538.5	N/A	N/A	N/A
444401PRP-N498	79	N/A	1,529.4	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N499	79	N/A	1,515.7	N/A	N/A	N/A
444401PRP-N500	79	N/A	924.8	80	N/A	1,558.6
444401PRP-N501	79	N/A	1,611.2	N/A	N/A	N/A
444401PRP-N502	79	N/A	1,252.1	N/A	N/A	N/A
444401QRP-N503	78	N/A	2,462.4	N/A	N/A	N/A
444401PRP-N503	79	N/A	2,420.3	N/A	N/A	N/A
444401PRP-N504	70	N/A	743.0	80	N/A	1,326.7
444401PRP-N505	79	N/A	1,779.4	N/A	N/A	N/A
444401PRP-N506	79	N/A	1,133.9	N/A	N/A	N/A
444401QRP-N507	78	N/A	2,398.7	N/A	N/A	N/A
444401PRP-N507	79	N/A	2,138.5	N/A	N/A	N/A
444401PRP-N508	70	N/A	1,388.5	66	N/A	2,108.6
444401PRP-N509	79	N/A	1,620.3	N/A	N/A	N/A
444401PRP-N510	79	N/A	1,306.7	N/A	N/A	N/A
444401PRP-N511	70	N/A	1,470.3	N/A	N/A	N/A
444401PRP-N512	70	N/A	1,715.7	66	N/A	1,031.3
444401PRP-N513	70	N/A	1,006.7	N/A	N/A	N/A
444401PRP-N514	70	N/A	1,252.1	N/A	N/A	N/A
444401PRP-N515	70	N/A	1,361.2	N/A	N/A	N/A
444401PRP-N516	70	N/A	1,006.7	66	N/A	1,604.0
444401PRP-N517	70	N/A	1,361.2	N/A	N/A	N/A
444401PRP-N518	70	N/A	1,497.6	N/A	N/A	N/A
444401PRP-N519	70	N/A	1,593.0	N/A	N/A	N/A
444401PRP-N520	70	N/A	924.8	66	N/A	1,299.5
444401PRP-N521	79	N/A	1,593.0	N/A	N/A	N/A
444401PRP-N522	79	N/A	1,224.8	N/A	N/A	N/A
444401PRP-N523	79	N/A	1,729.4	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N524	70	N/A	743.0	66	N/A	1,804.0
444401QRP-N525	78	N/A	2,330.6	N/A	N/A	N/A
444401PRP-N525	79	N/A	2,302.1	N/A	N/A	N/A
444401PRP-N526	79	N/A	1,188.5	N/A	N/A	N/A
444401PRP-N527	75	N/A	2,243.0	N/A	N/A	N/A
444401PRP-N528	75	N/A	1,597.6	76	N/A	749.5
444401PRP-N529	79	N/A	2,174.8	N/A	N/A	N/A
444401PRP-N530	79	N/A	1,824.8	N/A	N/A	N/A
444401PRP-N531	70	N/A	1,270.3	80	N/A	1,858.6
444401PRP-N532	79	N/A	1,597.6	N/A	N/A	N/A
444401QRP-N533	78	N/A	1,666.9	N/A	N/A	N/A
444401PRP-N533	79	N/A	1,965.7	N/A	N/A	N/A
444401PRP-N534	79	N/A	1,688.5	N/A	N/A	N/A
444401PRP-N535	70	N/A	1,406.7	66	N/A	2,058.6
444401PRP-N536	79	N/A	1,229.4	N/A	N/A	N/A
444401PRP-N537	79	N/A	1,470.3	N/A	N/A	N/A
444401PRP-N538	70	N/A	1,279.4	N/A	N/A	N/A
444401PRP-N539	70	N/A	2,288.5	66	N/A	840.4
444401PRP-N540	70	N/A	1,252.1	N/A	N/A	N/A
444401PRP-N541	70	N/A	1,333.9	N/A	N/A	N/A
444401PRP-N542	70	N/A	1,443.0	N/A	N/A	N/A
444401PRP-N543	70	N/A	1,033.9	66	N/A	1,767.7
444401PRP-N544	70	N/A	1,033.9	N/A	N/A	N/A
444401PRP-N545	70	N/A	1,388.5	N/A	N/A	N/A
444401PRP-N546	75	N/A	2,347.6	N/A	N/A	N/A
444401PRP-N547	70	N/A	833.9	66	N/A	2,831.3
444401PRP-N548	75	N/A	1,838.5	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N549	75	N/A	2,015.7	N/A	N/A	N/A
444401QRP-N549	78	N/A	2,139.7	N/A	N/A	N/A
444401PRP-N550	75	N/A	1,752.1	N/A	N/A	N/A
444401PRP-N551	70	N/A	1,561.2	66	N/A	2,076.7
444401PRP-N552	75	N/A	1,952.1	N/A	N/A	N/A
444401PRP-N553	75	N/A	1,538.5	N/A	N/A	N/A
444401PRP-N554	75	N/A	1,606.7	N/A	N/A	N/A
444401PRP-N555	75	N/A	1,847.6	76	N/A	1,690.4
444401PRP-N556	75	N/A	2,006.7	N/A	N/A	N/A
444401PRP-N557	75	N/A	1,779.4	N/A	N/A	N/A
444401PRP-N558	75	N/A	1,756.7	N/A	N/A	N/A
444401PRP-N559	75	N/A	1,783.9	76	N/A	1,004.0
444401PRP-N560	75	N/A	1,815.7	N/A	N/A	N/A
444401PRP-N561	75	N/A	1,793.0	N/A	N/A	N/A
444401PRP-N562	75	N/A	1,852.1	N/A	N/A	N/A
444401PRP-N563	70	N/A	924.8	66	N/A	1,799.5
444401PRP-N564	75	N/A	1,974.8	N/A	N/A	N/A
444401PRP-N565	75	N/A	1,774.8	N/A	N/A	N/A
444401PRP-N566	75	N/A	1,343.0	N/A	N/A	N/A
444401PRP-N567	70	N/A	924.8	66	N/A	2,176.7
444401PRP-N568	75	N/A	1,674.8	N/A	N/A	N/A
444401PRP-N569	75	N/A	1,893.0	N/A	N/A	N/A
444401PRP-N570	70	N/A	1,988.5	N/A	N/A	N/A
444401PRP-N571	70	N/A	1,306.7	66	N/A	1,167.7
444401PRP-N572	70	N/A	2,452.1	N/A	N/A	N/A
444401PRP-N573	70	N/A	1,715.7	N/A	N/A	N/A
444401PRP-N574	70	N/A	1,388.5	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N575	70	N/A	1,197.6	76	N/A	1,172.2
444401PRP-N576	70	N/A	1,288.5	N/A	N/A	N/A
444401PRP-N577	70	N/A	1,388.5	N/A	N/A	N/A
444401PRP-N578	70	N/A	833.9	66	N/A	1,440.4
444401PRP-N579	75	N/A	1,847.6	N/A	N/A	N/A
444401PRP-N580	70	N/A	1,470.3	80	N/A	2,304.0
444401PRP-N581	75	N/A	2,324.8	N/A	N/A	N/A
444401PRP-N582	75	N/A	1,633.9	N/A	N/A	N/A
444401PRP-N583	75	N/A	2,093.0	N/A	N/A	N/A
444401PRP-N584	75	N/A	2,070.3	76	N/A	990.4
444401PRP-N585	75	N/A	1,815.7	N/A	N/A	N/A
444401PRP-N586	75	N/A	1,265.7	N/A	N/A	N/A
444401PRP-N587	75	N/A	1,611.2	N/A	N/A	N/A
444401PRP-N588	75	N/A	2,038.5	76	N/A	1,863.1
444401PRP-N589	75	N/A	1,447.6	N/A	N/A	N/A
444401PRP-N590	75	N/A	1,770.3	N/A	N/A	N/A
444401PRP-N591	75	N/A	1,856.7	N/A	N/A	N/A
444401QRP-N591	78	N/A	1,671.5	N/A	N/A	N/A
444401PRP-N592	75	N/A	1,829.4	76	N/A	1,590.4
444401PRP-N593	75	N/A	1,447.6	N/A	N/A	N/A
444401PRP-N594	75	N/A	1,797.6	N/A	N/A	N/A
444401PRP-N595	75	N/A	1,683.9	N/A	N/A	N/A
444401PRP-N596	70	N/A	1,515.7	66	N/A	1,508.6
444401PRP-N597	75	N/A	1,593.0	N/A	N/A	N/A
444401PRP-N598	75	N/A	2,188.5	N/A	N/A	N/A
444401PRP-N599	75	N/A	1,556.7	N/A	N/A	N/A
444401PRP-N600	70	N/A	470.3	66	N/A	1,199.5

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N601	75	N/A	1,638.5	N/A	N/A	N/A
444401PRP-N602	75	N/A	2,111.2	N/A	N/A	N/A
444401PRP-N603	75	N/A	1,620.3	N/A	N/A	N/A
444401PRP-N604	70	N/A	1,243.0	66	N/A	1,172.2
444401PRP-N605	71	N/A	756.7	N/A	N/A	N/A
444401PRP-N606	71	N/A	406.7	N/A	N/A	N/A
444401PRP-N607	71	N/A	433.9	N/A	N/A	N/A
444401PRP-N608	70	N/A	1,324.8	66	N/A	1,504.0
444401PRP-N609	71	N/A	324.8	N/A	N/A	N/A
444401PRP-N610	71	N/A	243.0	N/A	N/A	N/A
444401PRP-N611	71	N/A	256.7	N/A	N/A	N/A
444401PRP-N612	70	N/A	970.3	66	N/A	1,449.5
444401PRP-N613	75	N/A	2,074.8	N/A	N/A	N/A
444401PRP-N614	75	N/A	1,929.4	N/A	N/A	N/A
444401PRP-N615	75	N/A	2,120.3	N/A	N/A	N/A
444401QRP-N615	78	N/A	2,107.8	N/A	N/A	N/A
444401PRP-N616	79	N/A	2,174.8	N/A	N/A	N/A
444401QRP-N616	84	N/A	1,953.3	N/A	N/A	N/A
444401PRP-N617	75	N/A	1,656.7	76	N/A	608.6
444401PRP-N618	71	N/A	333.9	N/A	N/A	N/A
444401PRP-N619	71	N/A	456.7	N/A	N/A	N/A
444401PRP-N620	71	N/A	461.2	N/A	N/A	N/A
444401PRP-N621	70	N/A	1,288.5	66	N/A	1,381.3
444401PRP-N622	71	N/A	529.4	N/A	N/A	N/A
444401PRP-N623	71	N/A	447.6	N/A	N/A	N/A
444401PRP-N624	71	N/A	443.0	N/A	N/A	N/A
444401PRP-N625	70	N/A	-75.2	66	N/A	1,713.1

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N626	71	N/A	502.1	N/A	N/A	N/A
444401PRP-N627	71	N/A	274.8	N/A	N/A	N/A
444401PRP-N628	71	N/A	247.6	N/A	N/A	N/A
444401PRP-N629	70	N/A	788.5	80	N/A	1,858.6
444401PRP-N630	71	N/A	315.7	N/A	N/A	N/A
444401PRP-N631	71	N/A	456.7	N/A	N/A	N/A
444401PRP-N632	71	N/A	211.2	N/A	N/A	N/A
444401PRP-N633	70	N/A	924.8	80	N/A	1,726.7
444401PRP-N634	71	N/A	438.5	N/A	N/A	N/A
444401PRP-N635	71	N/A	356.7	N/A	N/A	N/A
444401PRP-N636	71	N/A	211.2	N/A	N/A	N/A
444401PRP-N637	70	N/A	1,288.5	66	N/A	1,731.3
444401PRP-N638	79	N/A	1,997.6	N/A	N/A	N/A
444401PRP-N639	79	N/A	1,183.9	N/A	N/A	N/A
444401PRP-N640	66	N/A	1,052.1	N/A	N/A	N/A
444401PRP-N641	70	N/A	1,415.7	66	N/A	1,140.4
444401PRP-N642	66	N/A	474.8	N/A	N/A	N/A
444401PRP-N643	66	N/A	456.7	N/A	N/A	N/A
444401PRP-N644	66	N/A	406.7	N/A	N/A	N/A
444401PRP-N645	70	N/A	1,061.2	66	N/A	1,522.2
444401PRP-N646	66	N/A	365.7	N/A	N/A	N/A
444401PRP-N647	66	N/A	338.5	N/A	N/A	N/A
444401PRP-N648	66	N/A	643.0	N/A	N/A	N/A
444401PRP-N649	70	N/A	1,015.7	66	N/A	1,549.5
444401PRP-N650	66	N/A	843.0	N/A	N/A	N/A
444401PRP-N651	66	N/A	443.0	N/A	N/A	N/A
444401PRP-N652	66	N/A	543.0	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N653	70	N/A	1,243.0	66	N/A	1,376.7
444401PRP-N654	66	N/A	529.4	N/A	N/A	N/A
444401PRP-N655	66	N/A	302.1	N/A	N/A	N/A
444401PRP-N656	66	N/A	638.5	N/A	N/A	N/A
444401PRP-N657	70	N/A	1,561.2	66	N/A	1,572.2
444401PRP-N658	66	N/A	443.0	N/A	N/A	N/A
444401PRP-N659	66	N/A	406.7	N/A	N/A	N/A
444401PRP-N660	66	N/A	483.9	N/A	N/A	N/A
444401PRP-N661	70	N/A	1,470.3	66	N/A	1,308.6
444401PRP-N662	66	N/A	756.7	N/A	N/A	N/A
444401PRP-N663	66	N/A	483.9	N/A	N/A	N/A
444401PRP-N664	66	N/A	361.2	N/A	N/A	N/A
444401PRP-N665	70	N/A	652.1	66	N/A	1,567.7
444401PRP-N666	66	N/A	124.8	N/A	N/A	N/A
444401PRP-N667	66	N/A	388.5	N/A	N/A	N/A
444401PRP-N668	66	N/A	43.0	N/A	N/A	N/A
444401PRP-N669	70	N/A	1,197.6	66	N/A	1,935.8
444401PRP-N670	66	N/A	-52.4	N/A	N/A	N/A
444401PRP-N671	66	N/A	533.9	N/A	N/A	N/A
444401PRP-N672	66	N/A	543.0	N/A	N/A	N/A
444401PRP-N673	70	N/A	1,197.6	66	N/A	1,285.8
444401PRP-N674	66	N/A	352.1	N/A	N/A	N/A
444401PRP-N675	66	N/A	347.6	N/A	N/A	N/A
444401PRP-N676	66	N/A	388.5	N/A	N/A	N/A
444401PRP-N677	70	N/A	1,288.5	66	N/A	1,922.2
444401PRP-N678	62	N/A	-57.0	N/A	N/A	N/A
444401PRP-N679	62	N/A	347.6	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N680	62	N/A	415.7	N/A	N/A	N/A
444401PRP-N681	63	N/A	1,106.7	66	N/A	1,263.1
444401PRP-N682	62	N/A	474.8	N/A	N/A	N/A
444401PRP-N683	62	N/A	129.4	N/A	N/A	N/A
444401PRP-N684	62	N/A	129.4	N/A	N/A	N/A
444401PRP-N685	64	N/A	1,452.1	62	N/A	1,317.7
444401PRP-N686	62	N/A	752.1	N/A	N/A	N/A
444401PRP-N687	62	N/A	420.3	N/A	N/A	N/A
444401PRP-N688	62	N/A	679.4	N/A	N/A	N/A
444401PRP-N689	63	N/A	1,470.3	62	N/A	1,185.8
444401PRP-N690	62	N/A	493.0	N/A	N/A	N/A
444401PRP-N691	62	N/A	647.6	N/A	N/A	N/A
444401PRP-N692	62	N/A	715.7	N/A	N/A	N/A
444401PRP-N693	64	N/A	1,197.6	62	N/A	1,490.4
444401PRP-N694	63	N/A	1,347.6	N/A	N/A	N/A
444401PRP-N695	63	N/A	1,570.3	N/A	N/A	N/A
444401PRP-N696	64	N/A	1,611.2	N/A	N/A	N/A
444401QRP-N696	74	N/A	1,766.9	N/A	N/A	N/A
444401PRP-N697	64	N/A	1,288.5	62	N/A	1,263.1
444401PRP-N698	62	N/A	361.2	N/A	N/A	N/A
444401PRP-N699	62	N/A	524.8	N/A	N/A	N/A
444401PRP-N700	63	N/A	1,206.7	71	N/A	1,526.7
444401PRP-N701	63	N/A	1,833.9	62	N/A	1,494.9
444401QRP-N701	74	N/A	1,485.1	N/A	N/A	N/A
444401PRP-N702	62	N/A	443.0	N/A	N/A	N/A
444401PRP-N703	62	N/A	515.7	N/A	N/A	N/A
444401PRP-N704	62	N/A	411.2	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N705	64	N/A	1,552.1	62	N/A	1,285.8
444401PRP-N706	62	N/A	588.5	N/A	N/A	N/A
444401PRP-N707	62	N/A	133.9	N/A	N/A	N/A
444401PRP-N708	62	N/A	438.5	N/A	N/A	N/A
444401PRP-N709	63	N/A	1,970.3	62	N/A	1,772.2
444401QRP-N709	74	N/A	1,816.9	N/A	N/A	N/A
444401PRP-N710	62	N/A	993.0	N/A	N/A	N/A
444401PRP-N711	62	N/A	1,302.1	N/A	N/A	N/A
444401PRP-N712	59	N/A	1,561.2	N/A	N/A	N/A
444401PRP-N713	59	N/A	1,970.3	60	N/A	1,649.5
444401QRP-N713	74	N/A	1,744.2	N/A	N/A	N/A
444401PRP-N714	59	N/A	1,743.0	N/A	N/A	N/A
444401PRP-N715	59	N/A	1,152.1	N/A	N/A	N/A
444401PRP-N716	59	N/A	1,379.4	N/A	N/A	N/A
444401PRP-N717	59	N/A	743.0	60	N/A	1,194.9
444401PRP-N718	59	N/A	1,379.4	N/A	N/A	N/A
444401PRP-N719	59	N/A	-166.1	N/A	N/A	N/A
444401PRP-N720	59	N/A	924.8	N/A	N/A	N/A
444401PRP-N721	59	N/A	970.3	60	N/A	1,740.4
444401PRP-N722	59	N/A	1,015.7	60	N/A	1,058.6
444401PRP-N723	59	N/A	1,561.2	60	N/A	1,194.9
444401PRP-N724	59	N/A	924.8	71	N/A	1,008.6
444401PRP-N725	59	N/A	1,470.3	60	N/A	1,276.7
444401PRP-N726	59	N/A	1,779.4	N/A	N/A	N/A
444401PRP-N727	59	N/A	1,379.4	N/A	N/A	N/A
444401PRP-N728	59	N/A	1,652.1	N/A	N/A	N/A
444401PRP-N729	59	N/A	1,379.4	60	N/A	1,922.2

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N730	59	N/A	1,652.1	N/A	N/A	N/A
444401PRP-N731	59	N/A	924.8	N/A	N/A	N/A
444401PRP-N732	59	N/A	1,015.7	N/A	N/A	N/A
444401PRP-N733	59	N/A	1,561.2	60	N/A	1,376.7
444401PRP-N734	59	N/A	2,015.7	N/A	N/A	N/A
444401QRP-N734	74	N/A	2,212.4	N/A	N/A	N/A
444401PRP-N735	59	N/A	1,470.3	N/A	N/A	N/A
444401PRP-N736	59	N/A	1,943.0	N/A	N/A	N/A
444401QRP-N736	74	N/A	2,266.9	N/A	N/A	N/A
444401PRP-N737	59	N/A	943.0	60	N/A	1,558.6
444401PRP-N738	59	N/A	1,979.4	N/A	N/A	N/A
444401QRP-N738	74	N/A	1,753.3	N/A	N/A	N/A
444401PRP-N739	59	N/A	1,833.9	N/A	N/A	N/A
444401PRP-N740	59	N/A	1,270.3	N/A	N/A	N/A
444401PRP-N741	59	N/A	1,588.5	60	N/A	1,822.2
444401PRP-N742	59	N/A	1,488.5	N/A	N/A	N/A
444401PRP-N743	59	N/A	1,652.1	N/A	N/A	N/A
444401PRP-N744	59	N/A	1,152.1	N/A	N/A	N/A
444401PRP-N745	59	N/A	1,470.3	60	N/A	1,522.2
444401PRP-N746	59	N/A	1,388.5	N/A	N/A	N/A
444401PRP-N747	59	N/A	1,452.1	N/A	N/A	N/A
444401PRP-N748	59	N/A	1,415.7	N/A	N/A	N/A
444401PRP-N749	54	N/A	1,879.4	60	N/A	1,467.7
444401PRP-N750	54	N/A	1,888.5	N/A	N/A	N/A
444401PRP-N751	54	N/A	1,370.3	N/A	N/A	N/A
444401PRP-N752	54	N/A	1,488.5	N/A	N/A	N/A
444401PRP-N753	54	N/A	1,306.7	60	N/A	958.6

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PRP-N754	54	N/A	1,615.7	N/A	N/A	N/A
444401PRP-N755	54	N/A	1,452.1	N/A	N/A	N/A
444401PRP-N756	54	N/A	1,443.0	N/A	N/A	N/A
444401PRP-N757	54	N/A	1,215.7	60	N/A	1,694.9
444401PRP-N758	54	N/A	2,061.2	N/A	N/A	N/A
444401QRP-N758	74	N/A	1,935.1	N/A	N/A	N/A
444401PRP-N759	54	N/A	1,624.8	N/A	N/A	N/A

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PBP-N001	4	N/A	444.2	4	N/A	-225.9
444401PBP-N002	4	N/A	426.0	4	N/A	451.6
444401PBP-N003	4	N/A	271.4	4	N/A	865.3
444401PBP-N004	4	N/A	103.2	4	N/A	314.8
444401PBP-N005	4	N/A	-187.7	4	N/A	135.6
444401PBP-N006	4	N/A	-119.5	4	N/A	2.1
444401PBP-N007	4	N/A	816.9	4	N/A	901.1
444401PBP-N008	4	N/A	103.2	4	N/A	1,318.0
444401PBP-N009	4	N/A	1,703.2	4	N/A	634.0
444401PBP-N010	4	N/A	1,821.4	4	N/A	950.0
444401PBP-N011	4	N/A	2,180.5	4	N/A	757.8
444401PBP-N012	4	N/A	-214.9	4	N/A	1,318.0
444401PBP-N013	4	N/A	1,212.3	4	N/A	816.4
444401PBP-N014	4	N/A	66.9	4	N/A	829.4
444401PBP-N016	4	N/A	116.9	4	N/A	256.1
444401PBP-N017	4	N/A	1,112.3	4	N/A	549.3
444401PBP-N046	10	N/A	444.2	10	N/A	370.2
444401PBP-N047	10	N/A	339.6	10	N/A	-50.0
444401PBP-N048	10	N/A	1,430.5	10	N/A	972.8
444401PBP-N049	10	N/A	153.2	10	N/A	194.3
444401PBP-N050	10	N/A	1,139.6	10	N/A	738.2
444401PBP-N051	10	N/A	271.4	10	N/A	132.4
444401PBP-N052	10	N/A	648.7	10	N/A	278.9
444401PBP-N053	10	N/A	271.4	10	N/A	634.0
444401PBP-N054	10	N/A	376.0	10	N/A	265.9
444401PBP-N055	10	N/A	466.9	10	N/A	-1.2
444401PBP-N056	10	N/A	-292.2	10	N/A	-320.4

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PBP-N058	13	N/A	2,657.8	13	N/A	972.8
444401PBP-N059	13	N/A	1,194.2	13	N/A	826.2
444401PBP-N060	13	N/A	998.7	13	N/A	643.8
444401PBP-N061	13	N/A	1,535.1	13	N/A	1,142.1
444401PBP-N062	13	N/A	1,276.0	13	N/A	1,174.7
444401PBP-N063	13	N/A	989.6	13	N/A	1,445.1
444401PBP-N064	1	N/A	826.0	1	N/A	1,207.3
444401PBP-N065	1	N/A	1,071.4	1	N/A	1,484.2
444401PBP-N066	1	N/A	2,089.6	1	N/A	1,213.8
444401PBP-N067	1	N/A	2,862.3	1	N/A	1,204.0
444401PBP-N068	1	N/A	648.7	1	N/A	549.3
444401PBP-N069	1	N/A	580.5	1	N/A	1,184.5
444401PBP-N070	1	N/A	444.2	1	N/A	1,109.6
444401PBP-N071	1	N/A	1,207.8	1	N/A	1,402.7
444401PBP-N072	1	N/A	798.7	1	N/A	1,135.6
444401PBP-N073	1	N/A	2,139.6	1	N/A	705.7
444401PBP-N074	1	N/A	1,985.1	1	N/A	1,158.4
444401PBP-N075	1	N/A	580.5	1	N/A	607.9
444401PBP-N076	1	N/A	939.6	1	N/A	780.6
444401PBP-N077	1	N/A	1,089.6	1	N/A	816.4
444401PBP-N078	1	N/A	1,057.8	1	N/A	705.7
444401PBP-N079	1	N/A	1,126.0	1	N/A	816.4
444401PBP-N080	1	N/A	376.0	1	N/A	705.7
444401PBP-N081	1	N/A	1,071.4	1	N/A	816.4
444401PBP-N082	1	N/A	821.4	1	N/A	1,145.4
444401PBP-N083	1	N/A	389.6	1	N/A	1,171.5
444401PBP-N084	1	N/A	594.2	1	N/A	731.7

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PBP-N085	1	N/A	444.2	1	N/A	1,109.6
444401PBP-N086	1	N/A	612.3	1	N/A	1,171.5
444401PBP-N087	1	N/A	307.8	1	N/A	1,611.2
444401PBP-N088	1	N/A	-442.2	1	N/A	1,060.7
444401PBP-N090	13	N/A	494.2	13	N/A	340.8
444401PBP-N091	13	N/A	357.8	13	N/A	933.7
444401PBP-N092	13	N/A	776.0	13	N/A	614.5
444401PBP-N093	13	N/A	185.1	13	N/A	151.9
444401PBP-N094	13	N/A	739.6	13	N/A	1,174.7
444401PBP-N095	16	N/A	957.8	16	N/A	340.8
444401PBP-N096	16	N/A	303.2	16	N/A	412.5
444401PBP-N097	16	N/A	1,262.3	16	N/A	878.3
444401PBP-N098	16	N/A	153.2	16	N/A	197.5
444401PBP-N099	16	N/A	1,271.4	16	N/A	451.6
444401PBP-N100	16	N/A	494.2	16	N/A	353.9
444401PBP-N101	16	N/A	935.1	16	N/A	562.3
444401PBP-N102	16	N/A	689.6	16	N/A	562.3
444401PBP-N103	16	N/A	1,166.9	16	N/A	-128.2
444401PBP-N104	16	N/A	407.8	16	N/A	474.4
444401PBP-N105	16	N/A	1,066.9	16	N/A	647.0
444401PBP-N106	16	N/A	307.8	16	N/A	278.9
444401PBP-N107	16	N/A	921.4	16	N/A	-50.0
444401PBP-N108	16	N/A	389.6	16	N/A	70.5
444401PBP-N109	16	N/A	1,303.2	16	N/A	109.6
444401PBP-N110	19	N/A	562.3	19	N/A	363.6
444401PBP-N111	19	N/A	544.2	19	N/A	588.4
444401PBP-N112	19	N/A	1,226.0	19	N/A	800.1

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PBP-N113	19	N/A	307.8	19	N/A	621.0
444401PBP-N114	19	N/A	239.6	19	N/A	803.4
444401PBP-N115	19	N/A	1,021.4	19	N/A	474.4
444401PBP-N116	19	N/A	398.7	19	N/A	376.7
444401PBP-N117	19	N/A	1,276.0	19	N/A	881.6
444401PBP-N118	19	N/A	1,121.4	19	N/A	708.9
444401PBP-N119	19	N/A	476.0	19	N/A	360.4
444401PBP-N120	19	N/A	662.3	19	N/A	278.9
444401PBP-N121	19	N/A	-46.8	19	N/A	174.7
444401PBP-N122	19	N/A	135.1	19	N/A	647.0
444401PBP-N123	19	N/A	116.9	19	N/A	627.5
444401PBP-N124	19	N/A	253.2	19	N/A	239.9
444401PBP-N125	23	N/A	580.5	23	N/A	816.4
444401PBP-N126	23	N/A	444.2	23	N/A	510.2
444401PBP-N127	23	N/A	1,180.5	23	N/A	572.1
444401PBP-N128	23	N/A	921.4	23	N/A	754.5
444401PBP-N129	23	N/A	885.1	23	N/A	1,148.7
444401PBP-N130	23	N/A	726.0	23	N/A	230.1
444401PBP-N131	23	N/A	1,657.8	23	N/A	555.8
444401PBP-N132	23	N/A	1,157.8	23	N/A	744.7
444401PBP-N133	23	N/A	616.9	23	N/A	1,106.3
444401PBP-N134	23	N/A	1,530.5	23	N/A	607.9
444401PBP-N152	25	N/A	1,003.2	25	N/A	852.2
444401PBP-N154	25	N/A	2,812.3	25	N/A	803.4
444401PBP-N155	25	N/A	544.2	25	N/A	598.2
444401PBP-N156	25	N/A	707.8	25	N/A	526.5
444401PBP-N157	25	N/A	816.9	25	N/A	914.1

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444401PBP-N158	25	N/A	816.9	25	N/A	230.1
444401PBP-N204	53	N/A	1,180.5	55	N/A	2,759.8
444401PBP-N224	33	N/A	1,503.2	33	N/A	647.0
444401PBP-N225	33	N/A	1,271.4	33	N/A	288.7
444401PBP-N230	33	N/A	816.9	33	N/A	363.6
444401PBP-N232	33	N/A	553.2	33	N/A	-147.8
444401PBP-N233	33	N/A	362.3	33	N/A	-27.2
444401PBP-N235	33	N/A	35.1	33	N/A	-63.1
444401PBP-N236	33	N/A	621.4	33	N/A	565.6
444401PBP-N238	33	N/A	703.2	33	N/A	305.0
444401PBP-N239	33	N/A	816.9	33	N/A	194.3
444401PBP-N760	53	N/A	1,535.1	55	N/A	1,832.5
444401PBP-N761	53	N/A	462.3	55	N/A	1,914.4
444401PBP-N762	53	N/A	1,298.7	55	N/A	1,814.4
444401PBP-N763	53	N/A	1,612.3	55	N/A	2,223.5
444401PBP-N764	53	N/A	1,189.6	55	N/A	2,141.6
444401PBP-N765	53	N/A	1,535.1	55	N/A	2,596.2
444401PBP-N766	53	N/A	1,444.2	55	N/A	2,232.5
444401PBP-N767	53	N/A	1,453.2	55	N/A	1,696.2

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Survey Unit 444401
Media Sample Results Table

Map Location	BLDG	VIA	Room	Sample Location Description	Media Type	Random or Biased	Survey Unit Package #	Sample RIN#	Sample Result (dpm/100cm^2)
1	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	N/A	-11.1
2	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	N/A	0.4
3	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	N/A	29.8
4	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	N/A	94.1
5	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	N/A	26.3
6	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	N/A	240.3
7	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	N/A	3.4
8	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	N/A	33.3
9	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	N/A	870.8
10	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	N/A	396.4
11	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	N/A	1802.6
12	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	N/A	280.2
13	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	N/A	306.2
14	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	N/A	216.5
16	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	N/A	205.6
17	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	N/A	142.0
46	444	4	101	Wall 12 ft high	Paint Chips	Biased	444401	04S0197-013.001	2225.0
47	444	4	101	Wall 17 ft high	Paint Chips	Biased	444401	04S0197-013.001	2225.0
48	444	4	101	Beam Q16 11 ft	Paint Chips	Biased	444401	04S0197-013.001	2225.0
49	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0197-013.001	2225.0
50	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0197-013.001	2225.0
51	444	4	101	Beam P16 11 ft	Paint Chips	Biased	444401	04S0197-013.001	2225.0
52	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0197-013.001	2225.0
53	444	4	101	Beam N16 11 ft	Paint Chips	Biased	444401	04S0197-013.001	2225.0
54	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0197-013.001	2225.0
55	444	4	101	Beam M16 14 ft	Paint Chips	Biased	444401	04S0197-013.001	2225.0
56	444	4	101	10 ft above door	Paint Chips	Biased	444401	04S0197-013.001	2225.0
58	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0198-013.001	1193.0
59	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0198-013.001	1193.0
60	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0198-013.001	1193.0
61	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0198-013.001	1193.0
62	444	4	101	Col S13 15 ft	Paint Chips	Biased	444401	04S0198-013.001	1193.0
63	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0198-013.001	1193.0
64	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	04S0193-026.001	1516.0
65	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	04S0193-026.001	1516.0
66	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	04S0193-026.001	1516.0
67	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	04S0193-026.001	1516.0
68	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	04S0193-026.001	1516.0
69	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	04S0193-026.001	1516.0
70	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	04S0193-026.001	1516.0
71	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	04S0193-026.001	1516.0
72	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	04S0193-026.001	1516.0
73	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	04S0193-026.001	1516.0
74	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	04S0193-026.001	1516.0
75	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	04S0193-026.001	1516.0
76	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	04S0193-026.001	1516.0
77	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	04S0193-027.001	725.0
78	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	04S0193-027.001	725.0
79	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	04S0193-027.001	725.0
80	444	4	101	Wall 3 ft high	Paint Chips	Biased	444401	04S0193-027.001	725.0
81	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	04S0193-027.001	725.0

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Survey Unit 444401
Media Sample Results Table

Map Location	BLDG	VIA	Room	Sample Location Description	Media Type	Random or Biased	Survey Unit Package #	Sample RIN#	Sample Result (dpm/100cm^2)
82	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	04S0193-027.001	725.0
83	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	04S0193-027.001	725.0
84	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	04S0193-027.001	725.0
85	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	04S0193-027.001	725.0
86	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	04S0193-027.001	725.0
87	444	4	101	Wall 1 ft high	Paint Chips	Biased	444401	04S0193-027.001	725.0
88	444	4	101	Wall 6 ft high	Paint Chips	Biased	444401	04S0193-027.001	725.0
89	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0198-013.001	1193.0
90	444	4	101	Col Q13 12 ft	Paint Chips	Biased	444401	04S0198-013.001	1193.0
91	444	4	101	Col Q12 12 ft	Paint Chips	Biased	444401	04S0198-013.001	1193.0
92	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0198-013.001	1193.0
93	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0198-013.001	1193.0
94	444	4	101	Col S12 12 ft	Paint Chips	Biased	444401	04S0198-013.001	1193.0
95	444	4	101	Col S11 13 ft	Paint Chips	Biased	444401	04S0207-016.001	352.0
96	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0207-016.001	352.0
97	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0207-016.001	352.0
98	444	4	101	Col Q11 12 ft	Paint Chips	Biased	444401	04S0207-016.001	352.0
99	444	4	101	Col Q12 12 ft	Paint Chips	Biased	444401	04S0207-016.001	352.0
100	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0207-016.001	352.0
101	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0207-016.001	352.0
102	444	4	101	Col S9 15 ft	Paint Chips	Biased	444401	04S0207-016.001	352.0
103	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0207-016.001	352.0
104	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0207-016.001	352.0
105	444	4	101	Col Q9 15 ft	Paint Chips	Biased	444401	04S0207-016.001	352.0
106	444	4	101	Col S8 14 ft	Paint Chips	Biased	444401	04S0207-016.001	352.0
107	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0207-016.001	352.0
108	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0207-016.001	352.0
109	444	4	101	Col Q8 15 ft	Paint Chips	Biased	444401	04S0207-016.001	352.0
110	444	4	101	Col N7 15 ft	Paint Chips	Biased	444401	04S0206-016.001	273.0
111	444	4	101	Col N8 12 ft	Paint Chips	Biased	444401	04S0206-016.001	273.0
112	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0206-016.001	273.0
113	444	4	101	Col N9 12 ft	Paint Chips	Biased	444401	04S0206-016.001	273.0
114	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0206-016.001	273.0
115	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0206-016.001	273.0
116	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0206-016.001	273.0
117	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0206-016.001	273.0
118	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0206-016.001	273.0
119	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0206-016.001	273.0
120	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0206-016.001	273.0
121	444	4	101	Col N10 11 ft	Paint Chips	Biased	444401	04S0206-016.001	273.0
122	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0206-016.001	273.0
123	444	4	101	Col N12 10 ft	Paint Chips	Biased	444401	04S0206-016.001	273.0
124	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0206-016.001	273.0
125	444	4	101	Wall 10 ft high	Paint Chips	Biased	444401	04S0205-011.001	357.0
126	444	4	101	Wall 15 ft high	Paint Chips	Biased	444401	04S0205-011.001	357.0
127	444	4	101	Wall 12 ft high	Paint Chips	Biased	444401	04S0205-011.001	357.0
128	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0205-011.001	357.0
129	444	4	101	Wall 10 ft high	Paint Chips	Biased	444401	04S0205-011.001	357.0
130	444	4	101	Wall 15 ft high	Paint Chips	Biased	444401	04S0205-011.001	357.0
131	444	4	101	Col N14 11 ft	Paint Chips	Biased	444401	04S0205-011.001	357.0
132	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0205-011.001	357.0

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Survey Unit 444401
Media Sample Results Table

Map Location	BLDG	VIA	Room	Sample Location Description	Media Type	Random or Biased	Survey Unit Package #	Sample RIN#	Sample Result (dpm/100cm^2)
133	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0205-011.001	357.0
134	444	4	101	Ceiling	Paint Chips	Biased	444401	04S0205-011.001	357.0
152	444	4	101B	Wall 6 ft high	Paint Chips	Biased	444401	04S0204-024.001	2762.0
154	444	4	101B	Wall 1 ft high	Paint Chips	Biased	444401	04S0204-024.001	2762.0
155	444	4	101A	Wall 6 ft high	Paint Chips	Biased	444401	04S0204-024.001	2762.0
156	444	4	101A	Wall 1 ft high	Paint Chips	Biased	444401	04S0204-024.001	2762.0
157	444	4	101C	Wall 6 ft high	Paint Chips	Biased	444401	04S0204-024.001	2762.0
158	444	4	101C	Wall 1 ft high	Paint Chips	Biased	444401	04S0204-024.001	2762.0
204	444	4	101	Wall 14 ft high	Paint Chips	Biased	444401	N/A	207.4
222	444	4	101E	Wall 6 ft high	Paint Chips	Biased	444401	04S00218-026.001	4361.0
223	444	4	101E	Wall 1 ft high	Paint Chips	Biased	444401	04S00218-026.001	4361.0
224	444	4	101E	Wall 6 ft high	Paint Chips	Biased	444401	04S00218-027.001	166.0
225	444	4	101E	Wall 1 ft high	Paint Chips	Biased	444401	04S00218-027.001	166.0
226	444	4	101E	Wall 3 ft high	Paint Chips	Biased	444401	04S00218-027.001	166.0
227	444	4	101E	Wall 6 ft high	Paint Chips	Biased	444401	04S00218-027.001	166.0
228	444	4	101E	Wall 1 ft high	Paint Chips	Biased	444401	04S00218-027.001	166.0
229	444	4	101E	Wall 6 ft high	Paint Chips	Biased	444401	04S00218-027.001	166.0
230	444	4	101D	Wall 6 ft high	Paint Chips	Biased	444401	04S00218-027.001	166.0
231	444	4	101E	Wall 1 ft high	Paint Chips	Biased	444401	04S00218-027.001	166.0
232	444	4	101D	Wall 1 ft high	Paint Chips	Biased	444401	04S00218-028.001	276.0
233	444	4	101D	Wall 6 ft high	Paint Chips	Biased	444401	04S00218-028.001	276.0
235	444	4	101A	Wall 6 ft high	Paint Chips	Biased	444401	04S00218-028.001	276.0
236	444	4	101H	Wall 1 ft high	Paint Chips	Biased	444401	04S00218-028.001	276.0
238	444	4	101L	Wall 6 ft high	Paint Chips	Biased	444401	04S00218-028.001	276.0
239	444	4	101L	Wall 1 ft high	Paint Chips	Biased	444401	04S00218-028.001	276.0
248	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	78.1
252	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	71.2
255	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	-46.0
259	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	-7.2
263	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	39.4
267	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	29.4
271	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	67.4
274	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	46.0
294	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	174.7
298	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	728.7
302	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	222.7
306	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	474.8
308	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	175.9
310	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	171.0
314	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	1569.7
352	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	68.8
353	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	5.6
354	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	106.9
356	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	-19.2
360	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	26.9
364	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	35.3
368	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	23.8
387	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	74.8
391	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	13.4
395	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	71.2
400	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	13.9

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Survey Unit 444401
Media Sample Results Table

Map Location	BLDG	VIA	Room	Sample Location Description	Media Type	Random or Biased	Survey Unit Package #	Sample RIN#	Sample Result (dpm/100cm^2)
404	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	108.1
407	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	-7.6
410	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	677.3
414	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	114.5
422	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	79.4
426	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	264.3
429	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	-31.8
432	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	30.8
437	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	162.9
438	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	466.1
444	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	35.4
445	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	268.8
448	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	20.6
452	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	30.8
453	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	34.0
459	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	188.9
461	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	155.5
466	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	11.9
468	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	64.4
472	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	143.6
476	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	38.2
480	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	77.9
484	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	30.0
488	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	43.4
492	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	55.5
496	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	33.8
500	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	26.8
504	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	5.6
508	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	21.9
512	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	29.8
516	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	14.0
520	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	1.3
524	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	121.9
528	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	40.6
531	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	38.0
535	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	252.8
539	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	47.1
543	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	57.0
547	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	18.6
551	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	1.3
555	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	62.2
559	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	54.5
563	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	27.5
567	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	-3.7
571	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	19.7
575	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	1.4
578	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	17.5
580	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	-2.9
584	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	17.8
588	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	33.0
592	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	86.8

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Survey Unit 444401
Media Sample Results Table

Map Location	BLDG	VIA	Room	Sample Location Description	Media Type	Random or Biased	Survey Unit Package #	Sample RIN#	Sample Result (dpm/100cm^2)
596	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	73.6
600	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	13.6
604	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	43.8
608	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	17.5
612	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	41.5
617	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	21.6
621	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	100.1
625	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	164.3
629	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	131.7
633	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	17.5
637	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	88.6
641	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	59.1
645	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	108.4
649	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	78.6
653	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	50.4
657	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	173.2
661	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	242.4
665	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	100.3
669	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	95.2
673	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	66.8
677	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	38.6
681	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	-16.2
685	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	104.5
689	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	13.9
693	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	75.5
697	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	42.0
700	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	177.6
701	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	56.9
705	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	202.7
709	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	9.3
713	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	279.9
717	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	27.9
721	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	110.7
722	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	47.5
723	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	231.3
724	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	18.5
725	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	163.8
729	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	29.0
733	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	54.9
737	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	60.6
741	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	27.7
745	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	103.9
749	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	9.8
753	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	115.5
757	444	4	101	See PDS map	Paint Chips	Random	444401	N/A	50.2
760	444	4	101	Column Q10	Paint Chips	Biased	444401	N/A	232.9
761	444	4	101	Column Q10	Paint Chips	Biased	444401	N/A	82.8
762	444	4	101	Column Q10	Paint Chips	Biased	444401	N/A	208.4
763	444	4	101	Column Q10	Paint Chips	Biased	444401	N/A	202.9
764	444	4	101	Wall 14 ft high	Paint Chips	Biased	444401	N/A	-16.3
765	444	4	101	Wall 14 ft high	Paint Chips	Biased	444401	N/A	191.9

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Survey Unit 444401
Media Sample Results Table

Map Location	BLDG	VIA	Room	Sample Location Description	Media Type	Random or Biased	Survey Unit Package #	Sample RIN#	Sample Result (dpm/100cm^2)
766	444	4	101	Wall 14 ft high	Paint Chips	Biased	444401	N/A	27.8
767	444	4	101	Wall 14 ft high	Paint Chips	Biased	444401	N/A	137.6
								MIN	-46.0
								MAX	4361.0
								MEAN	491.7
								SD	750.3
								DCGLW =	5000.0

Note ** If N/A is listed for 'Sample RIN#' then the samples were counted on the BC-4 instead of Gamma Spectroscopy.

rev. 1 The reported sample results are for uranium isotopes only. Transuranic isotope results are not required for building 444.

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Media Samples Data Sheet

Site Sample ID / Nbr ---------- Description	Nuclide	Sample (pCi/g)	Sample MDA (pCi/g)	Weight (g)	Surface Area (in²)	Sample Nuclide (dpm/100cm²)	Sample Nuclide MDA (dpm/100cm²)	Sample Total (dpm/100cm²)
04S0197-013.001 39	U234	11.9000	0.9080	66.00	24.5	1,103	84	
Building 444 VIA 4 Rm. 101 Sample Numbers 46-56	U235	0.2020	0.1190			19	11	Uranium
	U238	11.9000	0.9080			1,103	84	2,225
	Pu239/240	0.0000	1.1448			0	106	Transuranic
	Am241	0.0000	0.1590			0	15	0
04S0198-013.001 58	U234	6.4200	0.8960	65.20	24.5	588	82	
Building 444 VIA 4 Room 101 Sample numbers 58-63, 89-94.	U235	0.1890	0.1510			17	14	Uranium
	U238	6.4200	0.8960			588	82	1,193
	Pu239/240	0.0000	1.3032			0	119	Transuranic
	Am241	0.0000	0.1810			0	17	0
04S0193-026.001 64	U234	10.3000	0.7970	51.40	24.5	744	58	
Building 444 VIA 4 Room 101 Sample numbers 64-76	U235	0.4040	0.1380			29	10	Uranium
	U238	10.3000	0.7970			744	58	1,516
	Pu239/240	0.0000	1.0656			0	77	Transuranic
	Am241	0.0000	0.1480			0	11	0
04S0193-027.001 77	U234	6.5800	0.9110	37.80	24.5	349	48	
Building 444 VIA 4 Room 101 Samples 77-88	U235	0.5040	0.2430			27	13	Uranium
	U238	6.5800	0.9110			349	48	725
	Pu239/240	0.0000	1.2312			0	65	Transuranic
	Am241	0.0000	0.1710			0	9	0
04S0207-016.001 95	U234	1.7500	0.7200	69.80	24.5	172	71	
Building 444 VIA 4 Rm. 101 Samples 95-109	U235	0.0855	0.0652			8	6	Uranium
	U238	1.7500	0.7200			172	71	352
	Pu239/240	0.0000	0.8712			0	85	Transuranic
	Am241	0.0000	0.1210			0	12	0
04S0206-016.001 110	U234	1.4200	0.9450	65.80	24.5	131	87	
Building 444 VIA 4 Room 101 Samples 110-124	U235	0.1120	0.1050			10	10	Uranium
	U238	1.4200	0.9450			131	87	273
	Pu239/240	0.0000	0.7848			0	73	Transuranic
	Am241	0.0000	0.1090			0	10	0
04S0205-011.001 125	U234	2.3600	0.9500	51.50	24.5	171	69	
Building 444 VIA 4 Room 101 Samples 125-134	U235	0.2180	0.1120			16	8	Uranium
	U238	2.3600	0.9500			171	69	357
	Pu239/240	0.0000	1.1016			0	80	Transuranic
	Am241	0.0000	0.1530			0	11	0

rev.1

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Survey Area: VIA 4	Survey Unit: 444401	Building: 444

Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Media Samples Data Sheet

Site Sample ID / Nbr ---------- Description	Nuclide	Sample (pCi/g)	Sample MDA (pCi/g)	Weight (g)	Surface Area (in²)	Sample Nuclide (dpm/100cm²)	Sample Nuclide MDA (dpm/100cm²)	Sample Total (dpm/100cm²)
04S0204-024.001 152	U234	3.6900	0.5210	258.20	24.5	1,338	189	
Building 444 VIA 4 Room 101	U235	0.2370	0.0655			86	24	**Uranium**
Samples 152, and 154-158.	U238	3.6900	0.5210			1,338	189	2,762
	Pu239/240	0.0000	0.6278			0	228	**Transuranic**
	Am241	0.0000	0.0872			0	32	0
04S0218-027.001 224	U234	1.3400	1.0600	42.10	24.5	79	63	
Building 444 VIA 4 Rm. 101D and 101E	U235	0.1260	0.1270			8	8	**Uranium**
Samples 224, 225, and 230	U238	1.3400	1.0600			79	63	166
	Pu239/240	0.0000	0.8928			0	53	**Transuranic**
	Am241	0.0000	0.1240			0	7	0
04S0218-028.001 232	U234	2.1100	1.0000	46.50	24.5	138	65	
Building 444 VIA 4 Rm. 101D and 101H	U235	0.0000	0.2040			0	13	**Uranium**
Samples 232, 233, 235, 236, 238, and 239	U238	2.1100	1.0000			138	65	276
	Pu239/240	0.0000	0.8712			0	57	**Transuranic**
	Am241	0.0000	0.1210			0	8	0

rev.1

The uranium results on this page are also reported on pages 52, 53A and 53B.

Although transuranic results are reported on this page, these sample results are not required for Building 444.

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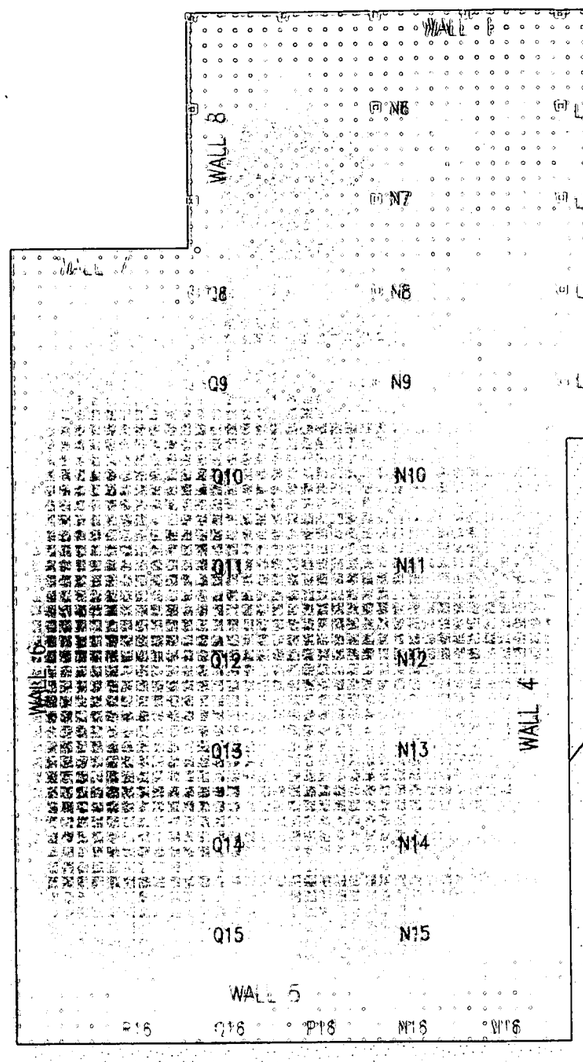
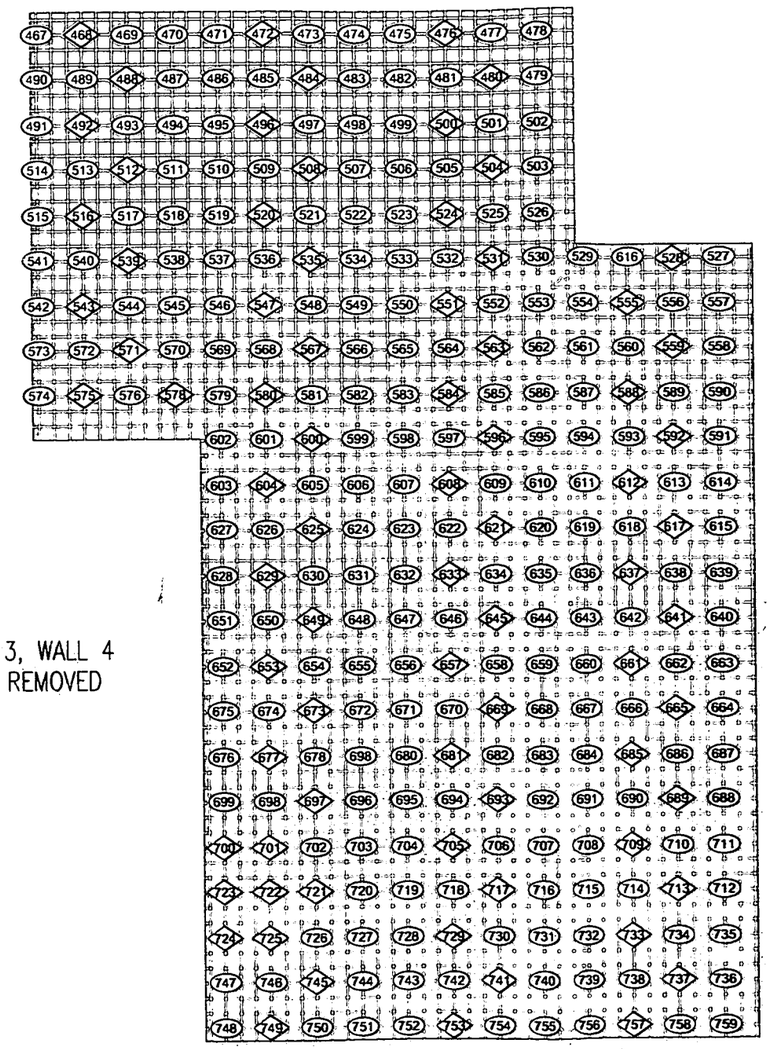
B444-VIA-4
WHOLE AREA FLOOR



WALL 3, WALL 4
ARE REMOVED

B444-VIA-4
WHOLE AREA CEILING



PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-4 Survey Unit: 444401 Classification: 1

Survey Area/Unit Description: Building 444 VIA #4, Walls and Ceiling, except LLW areas

Floor or Ceiling Area: 2,648 sq.m Total Area: 4,234 sq.m Grid Spacing for Survey Area: 3 m x 3 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Low Level Waste Area
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 30
0 METERS 9.5

1 inch =30 feet
1 grid sq. = 1 sq. m.

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Prepared for: KAISER HILL

File Name: PDS 444401 SHT 01.DWG | Sheet: 1 of 3 | Rev: 0

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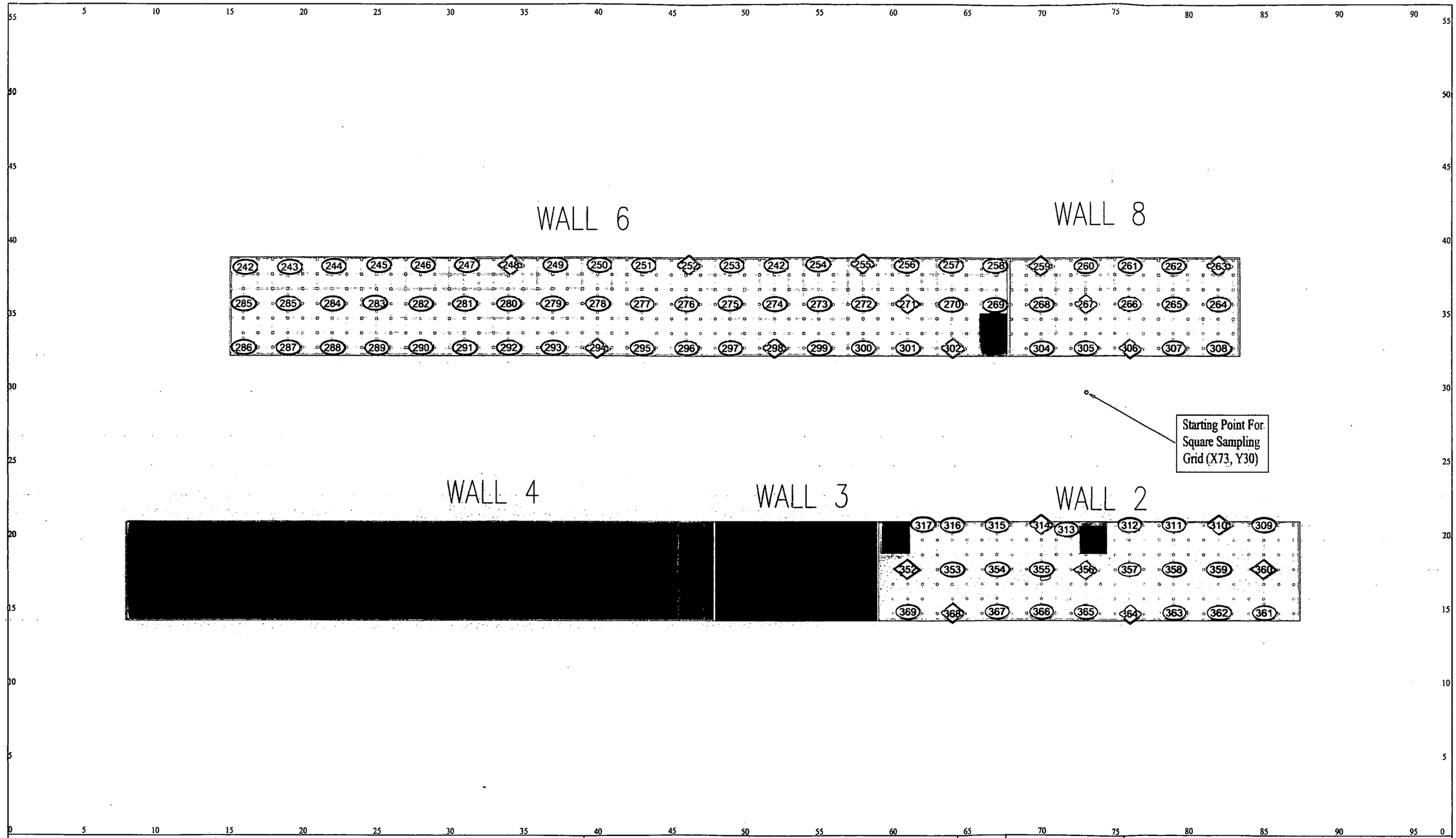

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-4 Survey Unit: 444401 Classification: 1

Survey Area/Unit Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Ceiling Area: 2,648 sq.m Total Area: 4,234 sq.m Grid Spacing for Survey Area: 3 m x 3 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 INCH 20
0 METERS 6.5

1 inch = 20 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

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Prepared for: KAISER HILL

File Name: PDS 444401 SHT 02.DWG | Sheet: 2 of 3 | Rev: 0

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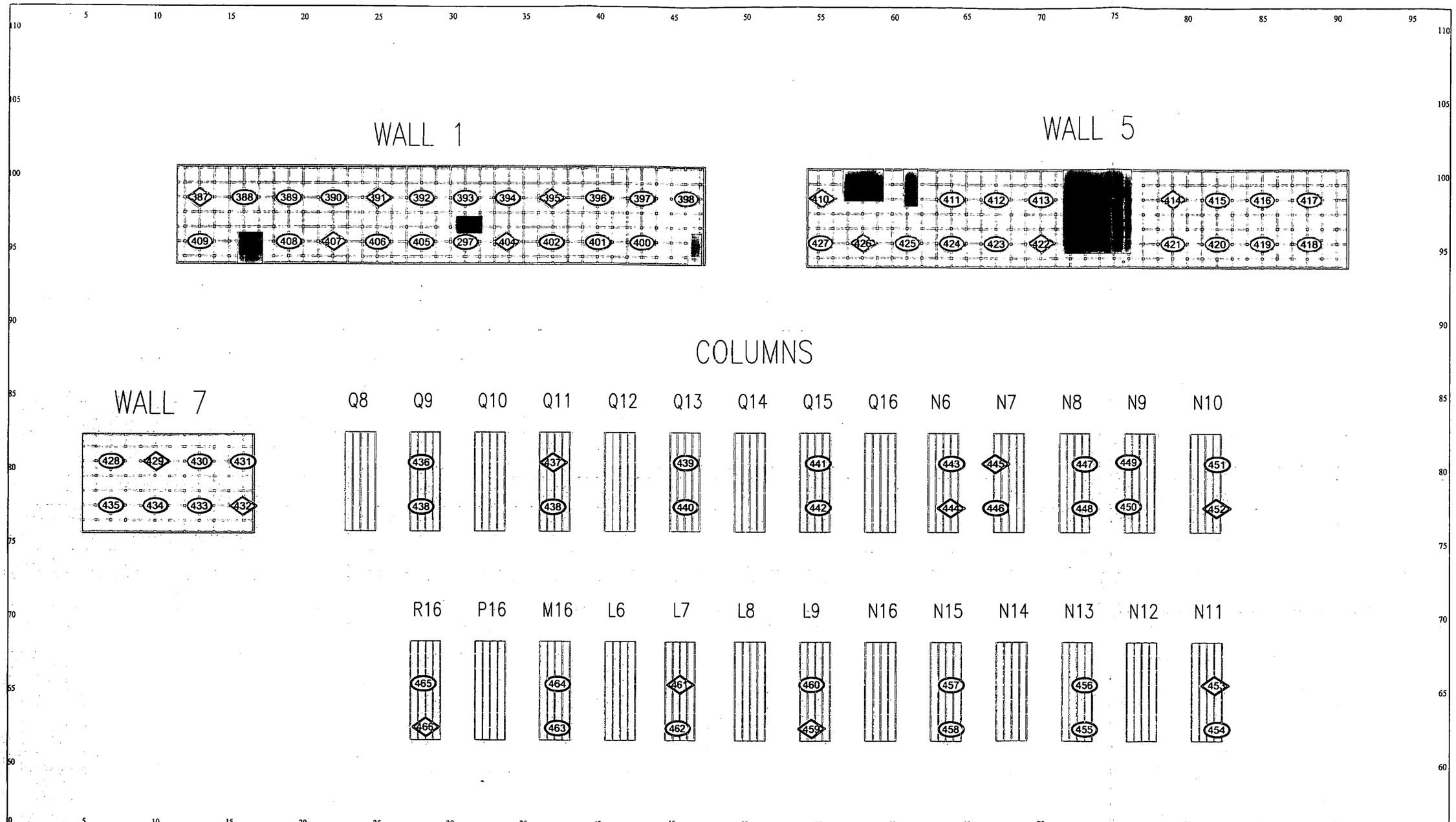

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-4 Survey Unit: 444401 Classification: 1

Survey Area/Unit Description: Building 444 VIA # 4, Walls and Ceiling, except LLW areas

Ceiling Area: 2,648 sq.m Total Area: 4,234 sq.m Grid Spacing for Survey Area: 3 m x 3 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Areas

N

0 FEET 20
0 METERS 6.5

1 inch = 20 feet
1 grid sq. = 1 sq. m.

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Prepared for: KAISER HILL

File Name: PDS_444401_SHT 03.DWG | Sheet: 3 of 3 | Rev: 0

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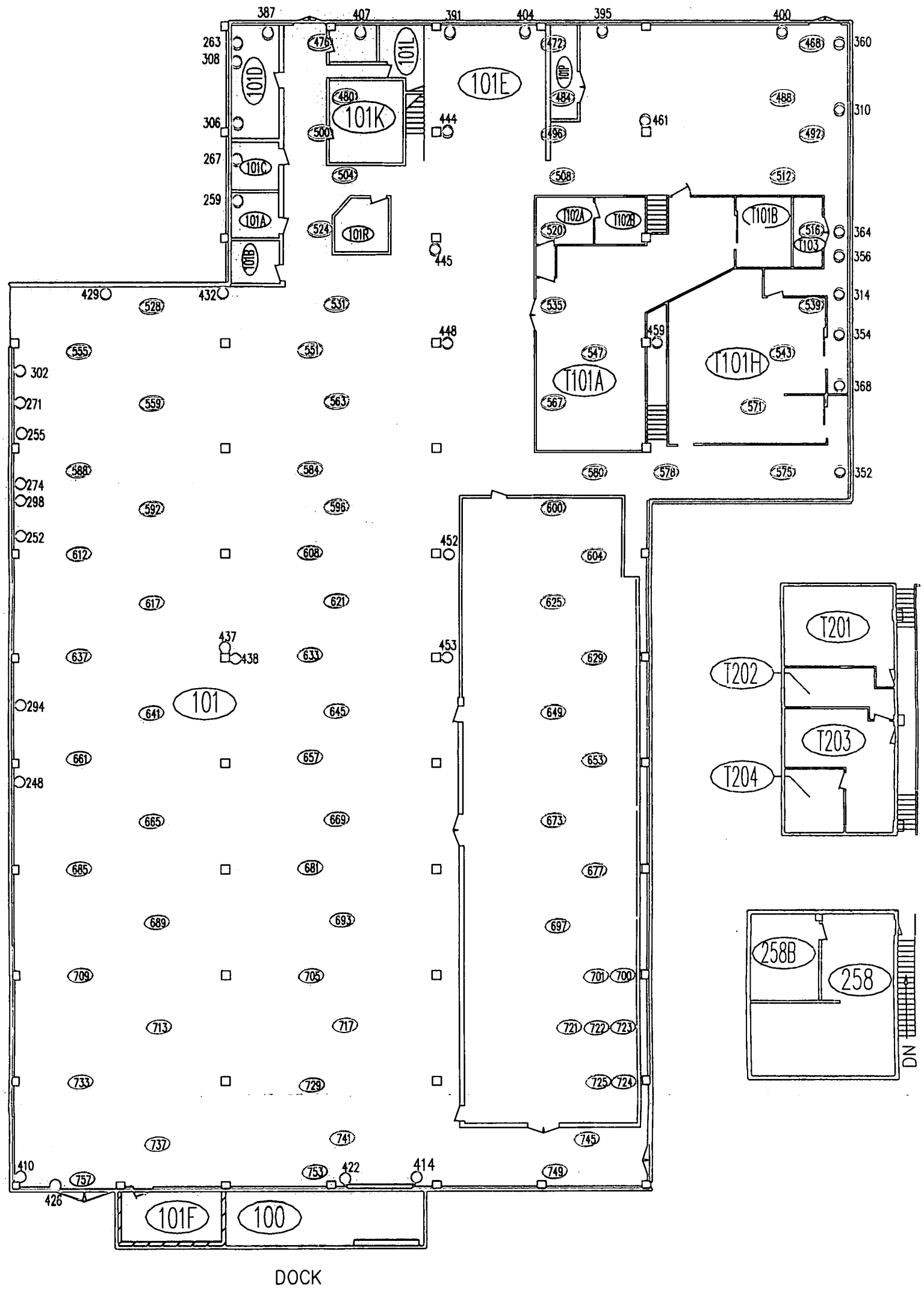
PRE-DEMOLITION MEDIA SAMPLING MAP

BLDG: 444 Survey Area: VIA-4 Survey Unit: 444401 Classification: 1 Date: 01/25/2005

Survey Area/Unit Description: Building 444 VIA #4, Walls and Ceiling, Except LLW Areas

Floor Area: 2,648 sq.m Total Area: 4,234 Scale: 1 inch = 24 feet

RANDOM MEDIA LOCATIONS



SURVEY POINT LEGEND

○# Wall Sample Location

□# Floor Sample Location

(#) Ceiling Sample Location

N

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Prepared for: KAISER HILL

File Name: RAN_MED_444401_D.DWG | Sheet 1 of 1 | Rev: 0

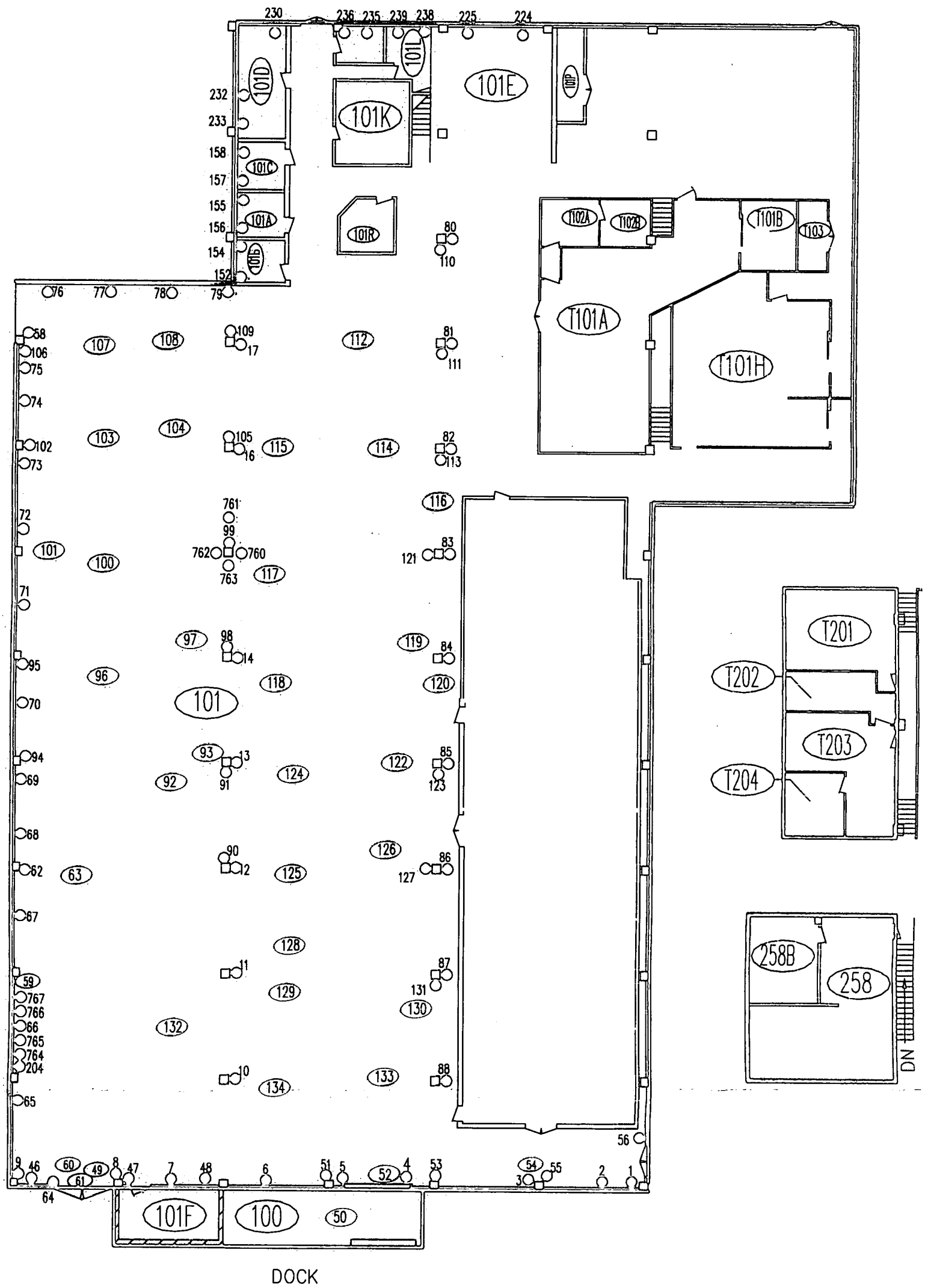
PRE-DEMOLITION MEDIA SAMPLING MAP

BLDG: 444 Survey Area: VIA-4 Survey Unit: 444401 Classification: 1 Date: 01/25/2005

Survey Area/Unit Description: Building 444 VIA #4, All Surfaces, Walls and Ceiling, Except LLW Areas

Floor Area: 2,648 sq.m Total Area: 4,234 Scale: 1 inch = 24 feet

BIASED MEDIA LOCATIONS



SURVEY POINT LEGEND

○# Wall Sample Location

□# Floor Sample Location

(#) Ceiling Sample Location

N

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Rocky Flats Environmental Technology Site

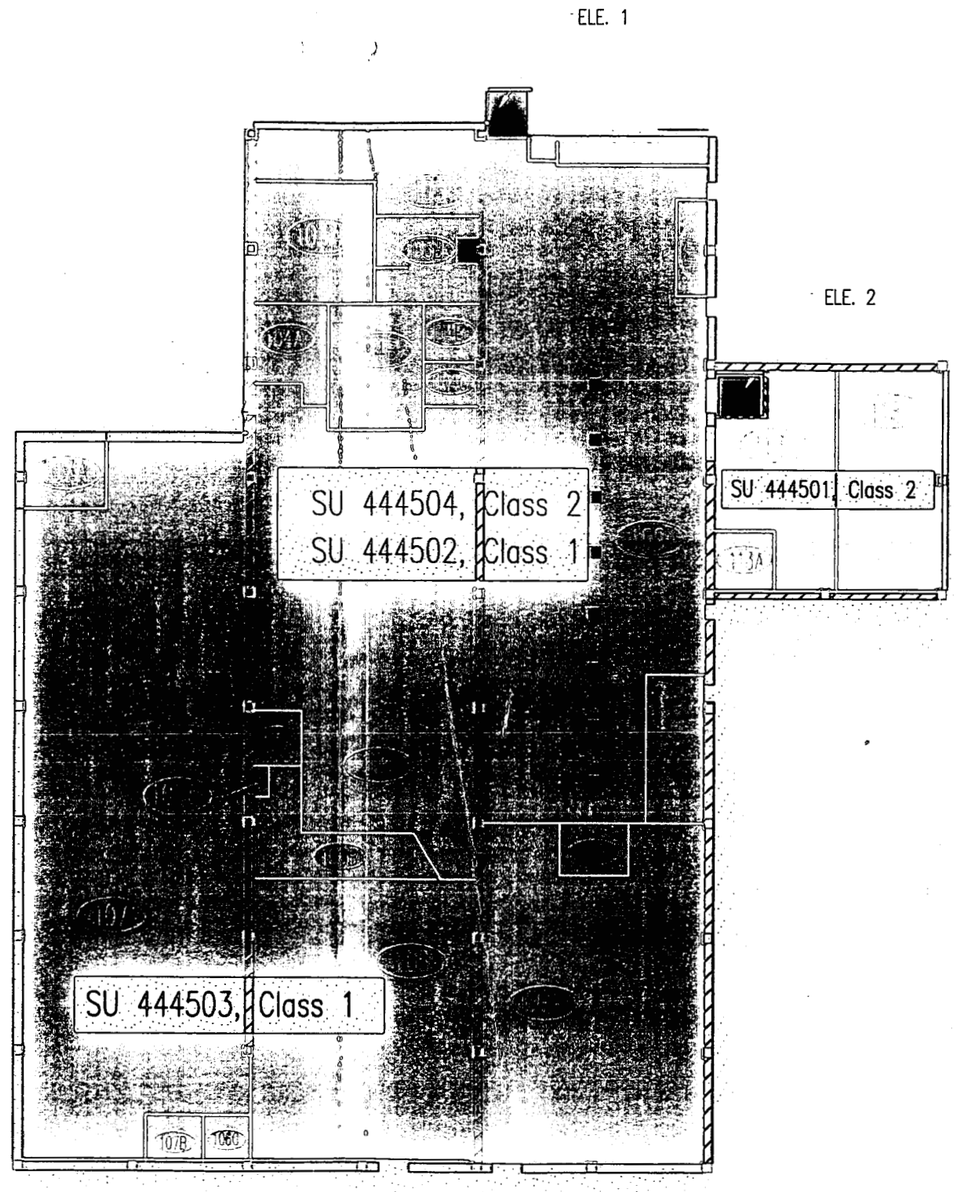
Prepared by: RFCSS Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: MEDIA_444401_D.DWG | Sheet 1 of 1 | Rev: 1

ATTACHMENT B-23

VIA 5 PDS RADIOLOGICAL SURVEY UNIT DATA SUMMARIES AND SURVEY MAPS



PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-5

Survey Area/Unit Description: 444 VIA #5 Radiological Key Map

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- RCRA/CERCLA Sample Location
- Low Level Waste Area
- Wall Removed
- PCB Sample Location
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 24

0 METERS 8

1 inch = 24 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444 VIA-5 KEYMAP.DWG | Sheet: 1 of 1 | Rev: 0

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Survey Area: VIA 5	Survey Unit: 444501	Building: 444

Description: Building 444 VIA # 5, Rooms 113, 113A, & 118, all surfaces, except LLW areas.

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 15
Nbr Random Measurements Performed: 22
Nbr Biased Measurements Required: 11
Nbr Biased Measurements Performed: 11
Nbr QC Required: 2
Nbr QC Performed: 2

Beta

Maximum:	2,354.5 dpm/100cm²
Minimum:	40.9 dpm/100cm²
Mean:	1,356.0 dpm/100cm²
Standard Deviation:	446.6
QC Maximum:	2,054.5 dpm/100cm²
QC Minimum:	1,700.0 dpm/100cm²
QC Mean:	1,877.2 dpm/100cm²
Uranium DCGLw:	5,000.0 dpm/100cm²
Uranium DCGLEMC:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 15
Nbr Random Measurements Performed: 22
Nbr Biased Measurements Required: 11
Nbr Biased Measurements Performed: 11

Beta

Maximum:	135.7 dpm/100cm²
Minimum:	-97.1 dpm/100cm²
Mean:	4.1 dpm/100cm²
Standard Deviation:	44.5
Uranium DCGLw:	1,000.0

Media Sample Results

Nbr Random Required: 17
Nbr Random Collected: 17
Nbr Biased Required: 11
Nbr Biased Collected: 11

Uranium

Maximum:	567 dpm/100cm²
Minimum:	-49 dpm/100cm²
Mean:	129 dpm/100cm²
Standard Deviation:	172
Uranium DCGLw:	5,000 dpm/100cm²
Uranium DCGLEMC:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGLw:	100 dpm/100cm²
Transuranic DCGLEMC:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

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Survey Area: VIA 5	Survey Unit: 444501	Building: 444

Description: Building 444 VIA # 5, Rooms 113, 113A, & 118, all surfaces, except LLW areas.

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
1	712600	06/08/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
2	712600	06/08/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
3	701418	06/08/04	Electra	2319	DP-6	07/29/04	NA	0.220	NA	745.0	T
4	712193	12/18/04	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	T/Q/S
5	711447	12/18/04	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	T/S
6	712467	12/18/04	Electra	659	DP-8	03/07/05	NA	0.160	NA	999.0	S
7	700831	12/20/04	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R
8	700831	12/20/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
9	700831	01/03/05	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	T/S
10	711447	01/03/05	Electra	2352	DP-6	06/09/05	NA	0.220	NA	745.0	T/S
11	700831	01/03/05	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
12	700831	01/03/05	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 5	Survey Unit: 444501	Building: 444

Description: Building 444 VIA # 5, Rooms 113, 113A, & 118, all surfaces, except LLW areas.

Comments Sheet

General Comments: N/A

TSA Comments: N/A

RSA Comments: N/A

Media Comments: 1. Even though the samples met unrestricted release limits, media sample survey locations 7, 8, 14, & 15 were removed because they were taken on the floor and the floor is being thrown out as low-level waste.
2. Media samples (i.e., paint samples) were collected from all non-factory painted surfaces, either during in-process surveys or during the PDS. Since the PDS gridded maps were not completed at the time of the in-process media samples, these in-process media samples were collected at evenly spaced and biased locations throughout all non-factory painted surfaces, in the same density and fashion as if they were PDS gridded and biased locations. Additionally, if there were media sample data gaps discovered during the PDS process, additional media samples were collected at gridded TSA/RSA locations, and biased locations, as necessary. Media samples were not collected or required on bare concrete surfaces or factory painted metal/transite/etc. surfaces. Otherwise, all other painted surfaces were properly characterized per the PDSP requirements. If in-process media samples were collected in areas where the painted surfaces were removed during in-process shaving or scabbling, then these media samples were removed painted surfaces. Based on the above discussion, and in-process and PDS media samples collected to date, no further media samples are required to meet PDSP requirements for this survey unit. Both applicable in-process and PDS media samples are reported in this survey unit data summary report, and all media sample data meets PDSP unrestricted release criteria.

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Survey Area: VIA 5	Survey Unit: 444501	Building: 444

Description: Building 444 VIA # 5, Rooms 113, 113A, & 118, all surfaces, except LLW areas.

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444501PRP-N016	7	N/A	2.9	11	N/A	57.1
444501PRP-N017	8	N/A	64.3	12	N/A	86.4
444501PRP-N018	7	N/A	-11.4	11	N/A	14.3
444501PRP-N019	8	N/A	35.8	12	N/A	-6.5
444501PRP-N020	7	N/A	17.1	N/A	N/A	N/A
444501PRP-N021	8	N/A	7.2	11	N/A	21.4
444501PRP-N022	7	N/A	-32.9	12	N/A	50.7
444501PRP-N023	8	N/A	0.0	11	N/A	42.9
444501PRP-N024	7	N/A	-82.9	N/A	N/A	N/A
444501PRP-N025	8	N/A	14.3	12	N/A	-63.6
444501PRP-N026	7	N/A	-25.7	11	N/A	135.7
444501PRP-N027	8	N/A	50.0	12	N/A	-13.6
444501PRP-N028	7	N/A	-97.1	11	N/A	-14.3
444501PRP-N029	8	N/A	-35.7	N/A	N/A	N/A
444501PRP-N030	7	N/A	-32.9	N/A	N/A	N/A
444501PRP-N031	8	N/A	28.6	12	N/A	93.5
444501PRP-N032	7	N/A	-54.3	11	N/A	-71.4
444501PRP-N033	8	N/A	-35.7	12	N/A	-42.2
444501PRP-N034	7	N/A	-18.6	11	N/A	-14.3
444501PRP-N035	8	N/A	21.5	12	N/A	7.8
444501PRP-N036	7	N/A	-25.7	11	N/A	-7.1
444501PRP-N037	8	N/A	28.6	N/A	N/A	N/A

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Survey Area: VIA 5	Survey Unit: 444501	Building: 444

Description: Building 444 VIA # 5, Rooms 113, 113A, & 118, all surfaces, except LLW areas.

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444501PBP-N001	1	N/A	31.4	2	N/A	-3.2
444501PBP-N002	1	N/A	-54.3	2	N/A	-3.2
444501PBP-N003	1	N/A	-18.6	2	N/A	-23.2
444501PBP-N004	1	N/A	67.1	2	N/A	56.8
444501PBP-N005	1	N/A	24.3	2	N/A	-51.2
444501PBP-N006	1	N/A	24.3	2	N/A	-3.2
444501PBP-N009	1	N/A	45.7	2	N/A	-19.2
444501PBP-N010	1	N/A	2.8	2	N/A	-3.2
444501PBP-N011	1	N/A	-25.7	2	N/A	8.8
444501PBP-N012	1	N/A	31.4	2	N/A	4.8
444501PBP-N013	1	N/A	88.5	2	N/A	-23.2

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Survey Area: VIA 5	Survey Unit: 444501	Building: 444

Description: Building 444 VIA # 5, Rooms 113, 113A, & 118, all surfaces, except LLW areas.

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444501PRP-N016	4	N/A	1,127.7	9	N/A	1,171.1
444501QRP-N017	4	N/A	1,700.0	N/A	N/A	N/A
444501PRP-N017	5	N/A	1,900.5	10	N/A	1,130.2
444501PRP-N018	4	N/A	1,682.3	9	N/A	1,571.1
444501PRP-N019	5	N/A	1,577.7	10	N/A	552.9
444501PRP-N020	4	N/A	1,627.7	N/A	N/A	N/A
444501PRP-N021	5	N/A	1,473.2	9	N/A	1,475.7
444501PRP-N022	4	N/A	1,414.1	10	N/A	1,571.1
444501PRP-N023	5	N/A	1,486.8	9	N/A	1,193.9
444501PRP-N024	4	N/A	1,123.2	N/A	N/A	N/A
444501PRP-N025	5	N/A	955.0	10	N/A	1,402.9
444501PRP-N026	4	N/A	1,291.4	9	N/A	2,043.9
444501PRP-N027	5	N/A	1,768.6	10	N/A	1,589.3
444501PRP-N028	4	N/A	1,323.2	9	N/A	1,012.0
444501PRP-N029	5	N/A	1,505.0	N/A	N/A	N/A
444501PRP-N030	4	N/A	1,586.8	N/A	N/A	N/A
444501PRP-N031	5	N/A	1,555.0	10	N/A	1,675.7
444501PRP-N032	4	N/A	1,732.3	9	N/A	1,466.6
444501PRP-N033	5	N/A	1,832.3	10	N/A	1,898.4
444501PRP-N034	4	N/A	1,155.0	9	N/A	2,180.2
444501PRP-N035	5	N/A	1,682.3	10	N/A	1,502.9
444501PRP-N036	4	N/A	1,027.7	9	N/A	1,721.1
444501QRP-N037	4	N/A	2,054.5	N/A	N/A	N/A
444501PRP-N037	5	N/A	1,941.4	N/A	N/A	N/A

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Survey Area: VIA 5	Survey Unit: 444501	Building: 444

Description: Building 444 VIA # 5, Rooms 113, 113A, & 118, all surfaces, except LLW areas.

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444501PBP-N001	3	N/A	1,436.4	3	N/A	1,090.6
444501PBP-N002	3	N/A	959.1	3	N/A	1,000.2
444501PBP-N003	3	N/A	790.9	3	N/A	638.8
444501PBP-N004	3	N/A	2,354.5	3	N/A	1,891.2
444501PBP-N005	3	N/A	1,095.5	3	N/A	1,093.7
444501PBP-N006	3	N/A	1,554.5	3	N/A	604.6
444501PBP-N009	3	N/A	1,963.6	3	N/A	1,370.9
444501PBP-N010	3	N/A	1,181.8	3	N/A	953.5
444501PBP-N011	3	N/A	413.6	3	N/A	869.4
444501PBP-N012	3	N/A	1,540.9	3	N/A	1,258.8
444501PBP-N013	3	N/A	40.9	3	N/A	685.6

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Survey Unit 444501
Media Sample Results Table

Map Loc	BLDG	VIA	Room	Sample Location Description	Media Type	Random or Biased	Suvey Unit Package #	Sample RIN#	Sample Result (dpm/100cm2)
1	444	5	113A	Wall 3 ft up	Paint Chips	Biased	444501	N/A	7.7
2	444	5	113	Wall 1 ft up	Paint Chips	Biased	444501	N/A	-2.1
3	444	5	113	Wall 1 ft up	Paint Chips	Biased	444501	N/A	40.5
4	444	5	113	Ceiling	Paint Chips	Biased	444501	N/A	-7.6
5	444	5	113	Ceiling	Paint Chips	Biased	444501	N/A	2.6
6	444	5	113	Ceiling	Paint Chips	Biased	444501	N/A	-25.0
9	444	5	118	Ceiling	Paint Chips	Biased	444501	N/A	-20.5
10	444	5	118	Ceiling	Paint Chips	Biased	444501	N/A	53.3
11	444	5	118	Wall 2 ft up	Paint Chips	Biased	444501	N/A	551.2
12	444	5	118	Wall 6 ft up	Paint Chips	Biased	444501	N/A	219.3
13	444	5	118	Wall 6 ft up	Paint Chips	Biased	444501	N/A	270.0
16	444	5	113	Wall 12 ft up	Paint Chips	Random	444501	N/A	-48.7
17	444	5	118	Wall 12 ft up	Paint Chips	Random	444501	N/A	41.7
18	444	5	118	Wall 12 ft up	Paint Chips	Random	444501	N/A	388.4
19	444	5	118	Ceiling	Paint Chips	Random	444501	N/A	566.6
21	444	5	118	Wall 1 ft up	Paint Chips	Random	444501	N/A	98.9
22	444	5	118	Wall 2 ft up	Paint Chips	Random	444501	N/A	24.6
23	444	5	113	Wall 10 ft up	Paint Chips	Random	444501	N/A	98.9
25	444	5	113	Wall 3 ft up	Paint Chips	Random	444501	N/A	60.7
26	444	5	113	Wall 3 ft up	Paint Chips	Random	444501	N/A	407.5
27	444	5	118	Wall 1 ft up	Paint Chips	Random	444501	N/A	150.2
28	444	5	118	Ceiling	Paint Chips	Random	444501	N/A	59.5
31	444	5	113A	Ceiling	Paint Chips	Random	444501	N/A	28.5
32	444	5	118	Ceiling	Paint Chips	Random	444501	N/A	19.6
33	444	5	118	Ceiling	Paint Chips	Random	444501	N/A	105.6
34	444	5	118	Wall 1 ft up	Paint Chips	Random	444501	N/A	102.2
35	444	5	118	Wall 1 ft up	Paint Chips	Random	444501	N/A	329.4
36	444	5	113A	Wall 1 ft up	Paint Chips	Random	444501	N/A	99.7
								MIN	-48.7
								MAX	566.6
								MEAN	129.4
								SD	171.6
								DCGLW =	5000.0

Note ** If N/A is listed for 'Sample RIN#' then the samples were counted on the BC-4 instead of Gamm Spectroscopy.

rev. 1 The reported sample results are for uranium isotopes only. Transuranic isotope results are not required for building 444.

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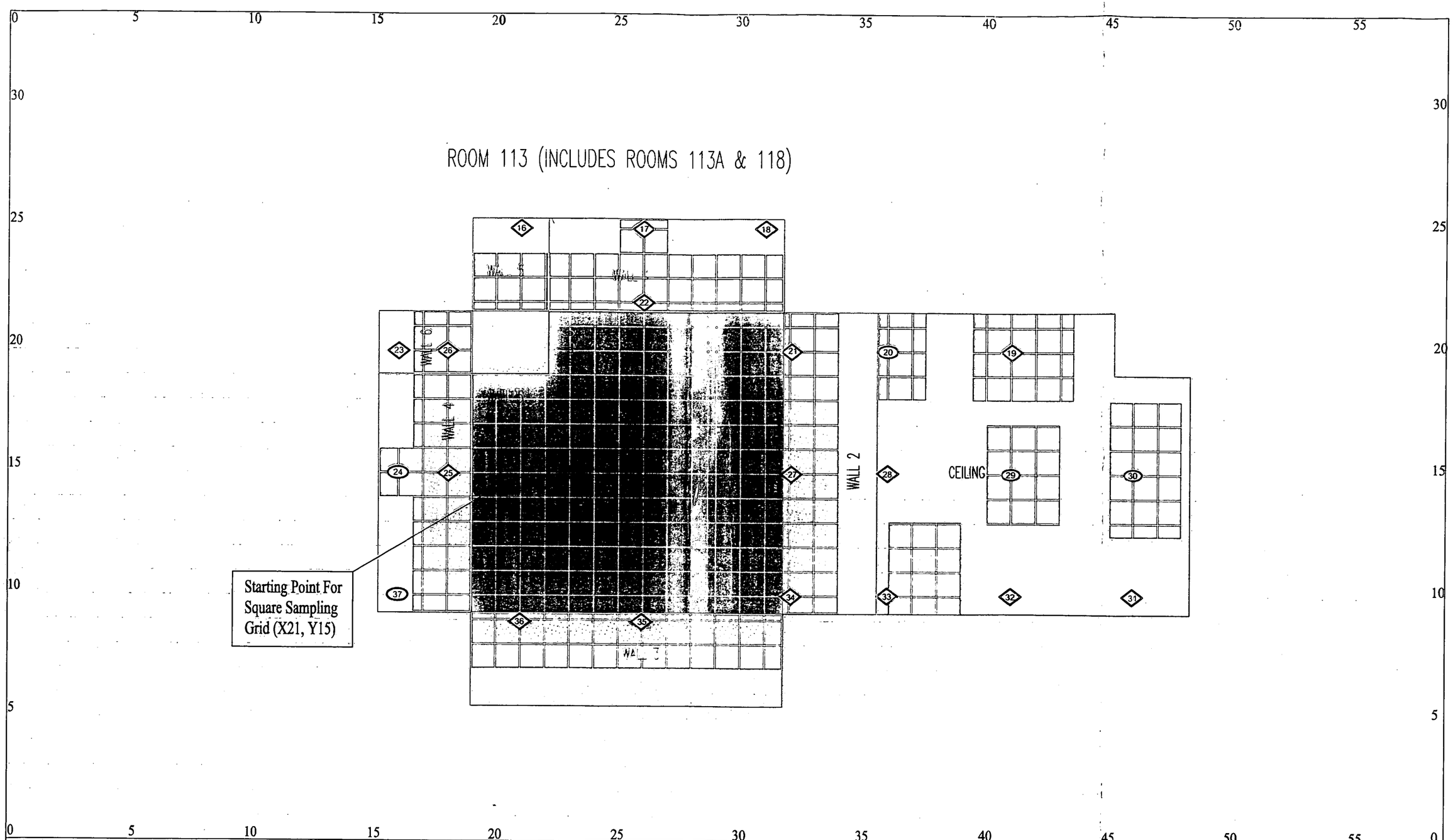

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-5 Survey Unit: 444501 Classification: 2

Survey Area/Unit Description: Building 444 VIA # 5, Rooms 113, 113A & 118, all surfaces, except LLW areas

Floor Area: 149 sq.m Total Area: 490 sq.m Grid Spacing for Survey Area: 5 m x 5 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

0 FEET 12
0 METERS 4

1 inch = 12 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFDCS Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444501 SHT 01.DWG | Sheet 1 of 1 | Rev: 0

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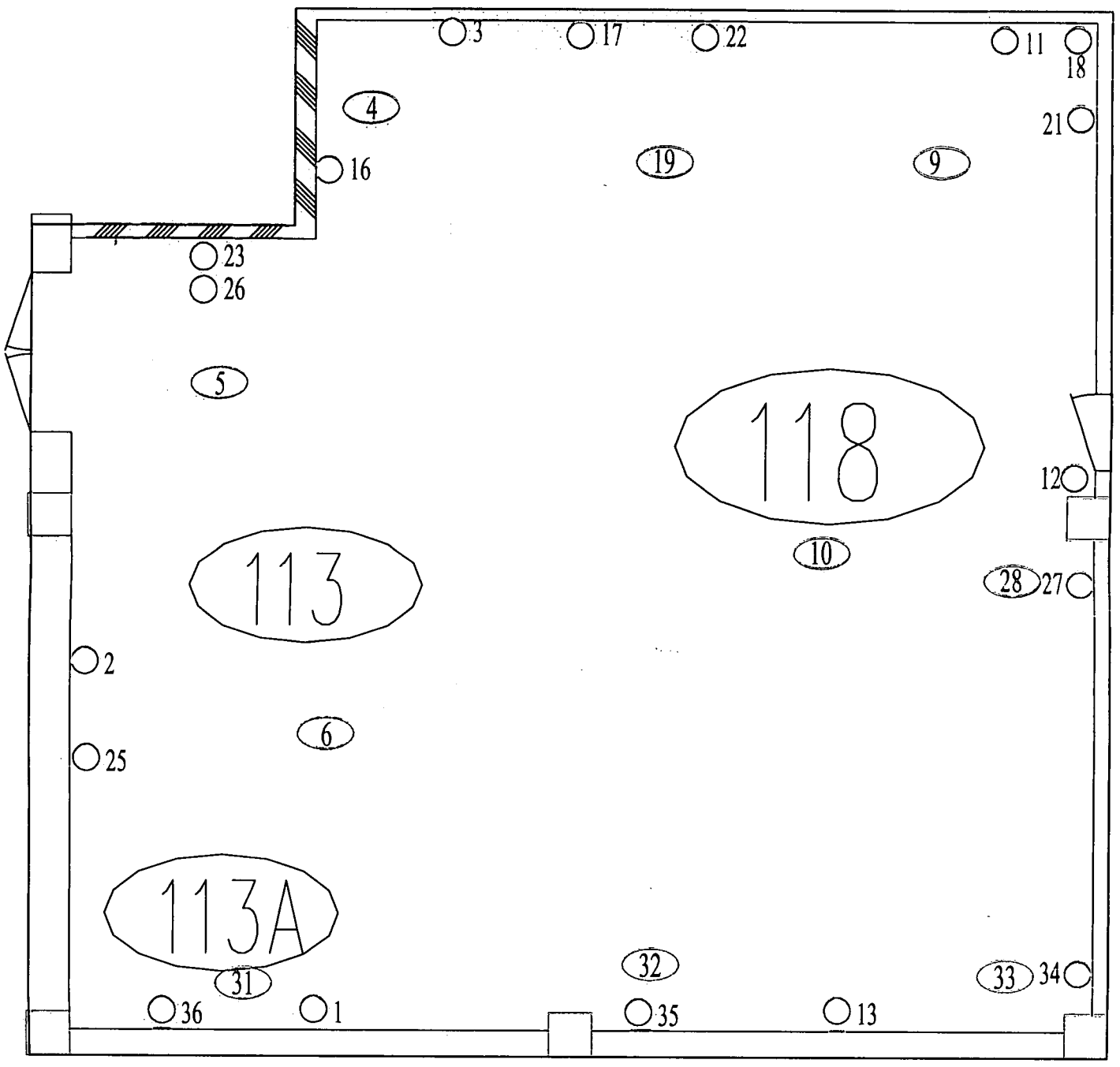
PREPDEMOLITION MEDIA SAMPLING MAP

BLDG: 444 Survey Area: VIA-5 Survey Unit: 444501 Classification: 2

Survey Area/Unit Description: Building 444 VIA #5, Rooms, 113, 113A & 118, All Surfaces Walls & Ceiling

Ceiling Area: 149 sq.m Total Area: 490 sq.m. Scale: 1 inch = 3/16 feet Date: 12/14/2004



SURVEY POINT LEGEND

- □# Decontaminated Floor Sample Location
- ○# Decontaminated Wall Sample Location
- (#) Decontaminated Ceiling Sample Location

N

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: MEDIA444501_D.DWG | Sheet: 1 of 1 | Rev: 1

Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 170
Nbr Random Measurements Performed: 176
Nbr Biased Measurements Required: 58
Nbr Biased Measurements Performed: 58
Nbr QC Required: 9
Nbr QC Performed: 9

Beta

Maximum:	3,529.0 dpm/100cm²
Minimum:	-897.6 dpm/100cm²
Mean:	954.2 dpm/100cm²
Standard Deviation:	590.2
QC Maximum:	3,522.7 dpm/100cm²
QC Minimum:	922.7 dpm/100cm²
QC Mean:	1,650.0 dpm/100cm²
Uranium DCGLw:	5,000.0 dpm/100cm²
Uranium DCGLEMC:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 170
Nbr Random Measurements Performed: 176
Nbr Biased Measurements Required: 58
Nbr Biased Measurements Performed: 58

Beta

Maximum:	182.1 dpm/100cm²
Minimum:	-221.5 dpm/100cm²
Mean:	13.7 dpm/100cm²
Standard Deviation:	48.9
Uranium DCGLw:	1,000.0

Media Sample Results

Nbr Random Required: 119
Nbr Random Collected: 119
Nbr Biased Required: 58
Nbr Biased Collected: 58

Uranium

Maximum:	1,577 dpm/100cm²
Minimum:	-162 dpm/100cm²
Mean:	238 dpm/100cm²
Standard Deviation:	339
Uranium DCGLw:	5,000 dpm/100cm²
Uranium DCGLEMC:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGLw:	100 dpm/100cm²
Transuranic DCGLEMC:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
1	702058	04/05/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
2	702058	04/05/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
3	712600	04/05/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	T
4	712600	04/06/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
5	712600	04/06/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
6	702058	04/06/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	T
7	712456	04/08/04	BC-4	772	NA	06/26/04	NA	0.140	NA	200.0	R
8	712456	04/08/04	BC-4	773	NA	09/19/04	NA	0.140	NA	200.0	R
9	701418	04/08/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	T
10	712456	04/09/04	BC-4	772	NA	06/26/04	NA	0.140	NA	200.0	R
11	712456	04/09/04	BC-4	773	NA	09/19/04	NA	0.140	NA	200.0	R
12	701418	04/09/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	T
13	712456	04/12/04	BC-4	772	NA	06/26/04	NA	0.140	NA	200.0	R
14	712456	04/12/04	BC-4	773	NA	09/19/04	NA	0.140	NA	200.0	R
15	701418	04/12/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	T
16	712600	04/13/04	BC-4	772	NA	06/26/04	NA	0.140	NA	200.0	R
17	712600	04/13/04	BC-4	773	NA	09/19/04	NA	0.140	NA	200.0	R
18	702058	04/13/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	T
19	701418	04/14/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	T
20	701418	04/14/04	BC-4	772	NA	06/26/04	NA	0.140	NA	200.0	R
21	701418	04/14/04	BC-4	773	NA	09/19/04	NA	0.140	NA	200.0	R
22	701418	04/15/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	T
23	712456	04/15/04	BC-4	772	NA	06/26/04	NA	0.140	NA	200.0	R
24	712456	04/15/04	BC-4	773	NA	09/19/04	NA	0.140	NA	200.0	R
25	701418	04/16/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	T
26	712456	04/16/04	BC-4	772	NA	06/26/04	NA	0.140	NA	200.0	R
27	712456	04/16/04	BC-4	773	NA	09/19/04	NA	0.140	NA	200.0	R
28	701418	04/19/04	Electra	2314	DP-6	08/06/04	NA	0.220	NA	745.0	T
29	712456	04/19/04	BC-4	772	NA	06/26/04	NA	0.140	NA	200.0	R
30	712456	04/19/04	BC-4	773	NA	09/19/04	NA	0.140	NA	200.0	R
31	711447	12/10/04	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	S
32	700831	12/10/04	Electra	3251	DP-6	01/07/05	NA	0.220	NA	745.0	S
33	712193	12/10/04	Electra	3552	DP-6	05/02/05	NA	0.220	NA	745.0	S
34	700831	12/11/04	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	S

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
35	711447	12/11/04	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	S
36	712467	12/21/04	Electra	3101	DP-6	04/26/05	NA	0.220	NA	745.0	T
37	700831	12/21/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
38	700831	12/21/04	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R
39	712467	12/17/04	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	T/S
40	701418	12/17/04	Electra	1366	DP-6	04/05/05	NA	0.220	NA	745.0	T/S
41	700831	12/17/04	Electra	1417	DP-6	03/23/05	NA	0.220	NA	745.0	T/S
42	700835	12/17/04	Electra	3105	DP-6	04/15/05	NA	0.220	NA	745.0	T/S
43	712193	12/22/04	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	T/S
44	711447	12/22/04	Electra	3251	DP-6	01/07/05	NA	0.220	NA	745.0	T/S
45	700831	12/22/04	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R
46	712193	12/22/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
47	711447	01/02/05	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
48	712193	01/02/05	Electra	661	DP-8	03/08/05	NA	0.160	NA	745.0	S
49	700831	01/02/05	Electra	2352	DP-6	06/09/05	NA	0.220	NA	745.0	Q/S
50	712193	01/26/05	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
51	511390	01/26/05	Electra	3105	DP-6	04/15/05	NA	0.220	NA	745.0	T/S
52	711447	01/27/05	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	T/S
53	712193	01/27/05	Electra	3127	DP-6	02/16/05	NA	0.220	NA	745.0	Q/S
54	712467	01/30/05	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
55	712467	01/30/05	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Comments Sheet

General Comments:
1. Sample # 32 was removed from this survey unit and moved to survey unit 444503
2. Removed Survey points 67, 68, 69, 89, 90, 91, 152, 155, 162, 163, 174, 175, 176, 180, 183, and 184 because the wall was removed.
3. Removed survey locations 278, 279, 288 and 289 because the portion of the wall was removed.
4. Removed survey locations 196-201 because the elevator 2 walls will be managed as LLW. Removed survey locations 387-396 because the elevator 1 walls will be managed as LLW.
5. Rooms 103D and 110A were placed in VIA1, therefore survey locations 292, 293, 342, 343 (103D), and 380-386 (110A) were removed from this survey unit.

TSA Comments: N/A

RSA Comments: N/A

Media Comments:
1. The following Media Sample locations were found to be above the limits during Pre sample surveys and were not taken. Project Management was given the locations and these areas were scabbled out to the nearest clean sample or the walls were removed: 130, 132, 134, 140, 153, 154, 156, 157, 158, 159, and 160.
2. The following Media Sample locations were removed, because the decision was made to throw the floor away as low-level waste: 1-20, 26-31, 41-61, 92-129, 131, 133, 135-139, 141-146, and 185-189 (Note: all the samples were clean).
3. Media samples (i.e., paint samples) were collected from all non-factory painted surfaces, either during in-process surveys or during the PDS. Since the PDS gridded maps were not completed at the time of the in-process media samples, these in-process media samples were collected at evenly spaced and biased locations throughout all non-factory painted surfaces, in the same density and fashion as if they were PDS gridded and biased locations. Additionally, if there were media sample data gaps discovered during the PDS process, additional media samples were collected at gridded TSA/RSA locations, and biased locations, as necessary. Media samples were not collected or required on bare concrete surfaces or factory painted metal/transite/etc. surfaces. Otherwise, all other painted surfaces were properly characterized per the PDSP requirements. If in-process media samples were collected in areas where the painted surfaces were removed during in-process shaving or scabbling, then these media samples were removed painted surfaces. Based on the above discussion, and in-process and PDS media samples collected to date, no further media samples are required to meet PDSP requirements for this survey unit. Both applicable in-process and PDS media samples are reported in this survey unit data summary report, and all media sample data meets PDSP unrestricted release criteria.

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PRP-N190	54	N/A	-62.9	N/A	N/A	N/A
444502PRP-N191	54	N/A	-41.4	55	N/A	32.1
444502PRP-N192	54	N/A	-5.7	55	N/A	-3.6
444502PRP-N193	37	N/A	72.8	N/A	N/A	N/A
444502PRP-N194	38	N/A	43.5	N/A	N/A	N/A
444502PRP-N195	37	N/A	37.1	N/A	N/A	N/A
444502PRP-N202	38	N/A	-63.6	N/A	N/A	N/A
444502PRP-N203	37	N/A	15.7	45	N/A	-14.3
444502PRP-N204	38	N/A	-6.5	46	N/A	-80.8
444502PRP-N205	37	N/A	30.0	N/A	N/A	N/A
444502PRP-N206	38	N/A	7.8	45	N/A	-42.9
444502PRP-N207	37	N/A	15.7	46	N/A	-80.8
444502PRP-N208	38	N/A	-6.5	N/A	N/A	N/A
444502PRP-N209	37	N/A	72.8	45	N/A	57.1
444502PRP-N210	38	N/A	15.0	46	N/A	-16.5
444502PRP-N211	37	N/A	15.7	N/A	N/A	N/A
444502PRP-N212	38	N/A	-35.0	45	N/A	-35.8
444502PRP-N213	37	N/A	22.8	N/A	N/A	N/A
444502PRP-N214	38	N/A	-42.2	N/A	N/A	N/A
444502PRP-N215	37	N/A	-34.3	46	N/A	33.5
444502PRP-N216	38	N/A	-20.7	45	N/A	64.2
444502PRP-N217	37	N/A	1.4	N/A	N/A	N/A
444502PRP-N218	38	N/A	43.5	46	N/A	33.5
444502PRP-N219	37	N/A	44.3	45	N/A	28.5
444502PRP-N220	38	N/A	72.1	N/A	N/A	N/A
444502PRP-N221	37	N/A	65.7	N/A	N/A	N/A
444502PRP-N222	38	N/A	36.4	46	N/A	-102.2
444502PRP-N223	37	N/A	-20.0	N/A	N/A	N/A
444502PRP-N224	38	N/A	-35.0	N/A	N/A	N/A

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PRP-N225	37	N/A	-12.9	N/A	N/A	N/A
444502PRP-N226	38	N/A	-49.3	45	N/A	-14.3
444502PRP-N227	37	N/A	-5.7	N/A	N/A	N/A
444502PRP-N228	38	N/A	22.1	N/A	N/A	N/A
444502PRP-N229	37	N/A	15.7	46	N/A	12.1
444502PRP-N230	38	N/A	43.5	45	N/A	28.5
444502PRP-N231	37	N/A	30.0	46	N/A	5.0
444502PRP-N232	38	N/A	15.0	45	N/A	14.2
444502PRP-N233	37	N/A	8.5	N/A	N/A	N/A
444502PRP-N234	38	N/A	-63.6	46	N/A	5.0
444502PRP-N235	37	N/A	-27.2	45	N/A	50.0
444502PRP-N236	38	N/A	72.1	N/A	N/A	N/A
444502PRP-N237	37	N/A	58.5	46	N/A	-73.6
444502PRP-N238	38	N/A	-13.6	45	N/A	7.1
444502PRP-N239	37	N/A	44.3	46	N/A	-30.8
444502PRP-N240	38	N/A	15.0	N/A	N/A	N/A
444502PRP-N241	37	N/A	51.4	45	N/A	0.0
444502PRP-N242	38	N/A	0.7	46	N/A	-73.6
444502PRP-N243	37	N/A	22.8	45	N/A	64.2
444502PRP-N244	38	N/A	15.0	N/A	N/A	N/A
444502PRP-N245	37	N/A	37.1	46	N/A	40.7
444502PRP-N246	38	N/A	-27.9	45	N/A	64.2
444502PRP-N247	37	N/A	65.7	N/A	N/A	N/A
444502PRP-N248	38	N/A	22.1	46	N/A	19.2
444502PRP-N249	37	N/A	51.4	45	N/A	78.5
444502PRP-N250	38	N/A	22.1	N/A	N/A	N/A
444502PRP-N251	37	N/A	-48.6	46	N/A	-2.2
444502PRP-N252	38	N/A	-49.3	45	N/A	28.5
444502PRP-N253	37	N/A	1.4	46	N/A	5.0

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PRP-N254	38	N/A	50.7	N/A	N/A	N/A
444502PRP-N255	37	N/A	37.1	45	N/A	42.8
444502PRP-N256	38	N/A	-56.5	46	N/A	19.2
444502PRP-N257	37	N/A	22.8	45	N/A	7.1
444502PRP-N258	38	N/A	-20.7	N/A	N/A	N/A
444502PRP-N259	37	N/A	-27.2	46	N/A	-66.5
444502PRP-N260	38	N/A	-42.2	45	N/A	-28.6
444502PRP-N261	37	N/A	44.3	N/A	N/A	N/A
444502PRP-N262	38	N/A	-56.5	46	N/A	-2.2
444502PRP-N263	37	N/A	37.1	45	N/A	7.1
444502PRP-N264	38	N/A	-35.0	N/A	N/A	N/A
444502PRP-N265	37	N/A	58.5	46	N/A	-45.0
444502PRP-N266	38	N/A	-20.7	45	N/A	78.5
444502PRP-N267	37	N/A	8.5	N/A	N/A	N/A
444502PRP-N268	38	N/A	15.0	46	N/A	69.2
444502PRP-N269	37	N/A	-55.7	45	N/A	-64.3
444502PRP-N270	38	N/A	-70.7	N/A	N/A	N/A
444502PRP-N271	54	N/A	22.9	55	N/A	125.0
444502PRP-N272	54	N/A	15.7	55	N/A	125.0
444502PRP-N273	54	N/A	58.6	55	N/A	39.3
444502PRP-N274	54	N/A	30.0	N/A	N/A	N/A
444502PRP-N275	54	N/A	101.4	55	N/A	67.8
444502PRP-N276	54	N/A	-48.6	55	N/A	10.7
444502PRP-N277	54	N/A	15.7	55	N/A	182.1
444502PRP-N280	54	N/A	1.4	55	N/A	167.8
444502PRP-N281	54	N/A	-20.0	55	N/A	82.1
444502PRP-N282	54	N/A	15.7	N/A	N/A	N/A
444502PRP-N283	54	N/A	-34.3	55	N/A	-17.9
444502PRP-N284	54	N/A	58.6	55	N/A	-3.6

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PRP-N285	54	N/A	-20.0	55	N/A	39.3
444502PRP-N286	54	N/A	94.3	55	N/A	60.7
444502PRP-N287	54	N/A	8.6	55	N/A	96.4
444502PRP-N290	54	N/A	-55.7	55	N/A	-3.6
444502PRP-N291	54	N/A	1.4	55	N/A	32.1
444502PRP-N294	45	N/A	78.5	45	N/A	64.2
444502PRP-N295	37	N/A	1.4	46	N/A	-16.5
444502PRP-N296	38	N/A	43.5	45	N/A	-14.3
444502PRP-N297	46	N/A	-16.5	N/A	N/A	N/A
444502PRP-N298	37	N/A	1.4	46	N/A	-52.2
444502PRP-N299	45	N/A	-7.2	N/A	N/A	N/A
444502PRP-N300	38	N/A	-20.7	45	N/A	42.8
444502PRP-N301	37	N/A	30.0	46	N/A	-2.2
444502PRP-N302	38	N/A	7.8	45	N/A	64.2
444502PRP-N303	46	N/A	-37.9	N/A	N/A	N/A
444502PRP-N304	37	N/A	137.1	46	N/A	-37.9
444502PRP-N305	38	N/A	22.1	45	N/A	-42.9
444502PRP-N306	37	N/A	30.0	N/A	N/A	N/A
444502PRP-N307	38	N/A	29.3	46	N/A	-37.9
444502PRP-N308	37	N/A	1.4	45	N/A	-28.6
444502PRP-N309	38	N/A	-42.2	46	N/A	-37.9
444502PRP-N310	45	N/A	50.0	N/A	N/A	N/A
444502PRP-N311	37	N/A	30.0	45	N/A	50.0
444502PRP-N312	38	N/A	115.0	46	N/A	-52.2
444502PRP-N313	37	N/A	44.3	45	N/A	-35.8
444502PRP-N314	46	N/A	19.2	N/A	N/A	N/A
444502PRP-N315	38	N/A	43.5	46	N/A	-9.3
444502PRP-N316	37	N/A	158.5	45	N/A	64.2
444502PRP-N317	45	N/A	14.2	N/A	N/A	N/A

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PRP-N318	38	N/A	-42.2	46	N/A	-59.3
444502PRP-N319	46	N/A	-52.2	N/A	N/A	N/A
444502PRP-N320	37	N/A	44.3	45	N/A	100.0
444502PRP-N321	38	N/A	-63.6	46	N/A	-102.2
444502PRP-N322	37	N/A	87.1	45	N/A	50.0
444502PRP-N323	45	N/A	21.4	N/A	N/A	N/A
444502PRP-N324	38	N/A	115.0	46	N/A	62.1
444502PRP-N325	37	N/A	-27.2	45	N/A	71.4
444502PRP-N326	38	N/A	-27.9	46	N/A	-37.9
444502PRP-N327	46	N/A	-80.8	N/A	N/A	N/A
444502PRP-N328	37	N/A	80.0	45	N/A	-14.3
444502PRP-N329	38	N/A	0.7	46	N/A	55.0
444502PRP-N330	37	N/A	1.4	45	N/A	28.5
444502PRP-N331	45	N/A	150.0	N/A	N/A	N/A
444502PRP-N332	38	N/A	22.1	46	N/A	-109.3
444502PRP-N333	37	N/A	72.8	45	N/A	-100.0
444502PRP-N334	46	N/A	5.0	N/A	N/A	N/A
444502PRP-N335	38	N/A	43.5	46	N/A	-66.5
444502PRP-N336	37	N/A	-20.0	45	N/A	-7.2
444502PRP-N337	45	N/A	14.2	N/A	N/A	N/A
444502PRP-N338	38	N/A	57.8	46	N/A	-37.9
444502PRP-N339	37	N/A	51.4	45	N/A	14.2
444502PRP-N340	46	N/A	-37.9	N/A	N/A	N/A
444502PRP-N341	45	N/A	42.8	46	N/A	-80.8
444502PRP-N344	54	N/A	-5.7	55	N/A	125.0
444502PRP-N345	54	N/A	51.4	55	N/A	3.5
444502PRP-N346	54	N/A	8.6	N/A	N/A	N/A
444502PRP-N347	54	N/A	37.1	55	N/A	-32.2
444502PRP-N348	46	N/A	69.2	46	N/A	40.7

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

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Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PRP-N349	45	N/A	85.7	N/A	N/A	N/A
444502PRP-N350	46	N/A	5.0	45	N/A	71.4
444502PRP-N351	45	N/A	21.4	46	N/A	5.0
444502PRP-N352	46	N/A	62.1	N/A	N/A	N/A
444502PRP-N353	45	N/A	28.5	45	N/A	78.5
444502PRP-N354	46	N/A	5.0	46	N/A	12.1
444502PRP-N355	45	N/A	21.4	45	N/A	7.1
444502PRP-N356	46	N/A	26.4	46	N/A	12.1
444502PRP-N357	45	N/A	7.1	N/A	N/A	N/A
444502PRP-N358	38	N/A	29.3	45	N/A	14.2
444502PRP-N359	37	N/A	22.8	46	N/A	40.7
444502PRP-N360	38	N/A	57.8	45	N/A	-85.8
444502PRP-N361	37	N/A	-20.0	46	N/A	-2.2
444502PRP-N362	38	N/A	-20.7	45	N/A	-28.6
444502PRP-N363	46	N/A	-66.5	N/A	N/A	N/A
444502PRP-N364	37	N/A	44.3	46	N/A	5.0
444502PRP-N365	38	N/A	36.4	45	N/A	21.4
444502PRP-N366	46	N/A	26.4	N/A	N/A	N/A
444502PRP-N367	37	N/A	44.3	46	N/A	-2.2
444502PRP-N368	46	N/A	-16.5	45	N/A	71.4
444502PRP-N369	45	N/A	7.1	N/A	N/A	N/A
444502PRP-N370	46	N/A	5.0	46	N/A	19.2
444502PRP-N371	45	N/A	28.5	45	N/A	50.0
444502PRP-N372	46	N/A	-2.2	46	N/A	-37.9
444502PRP-N373	45	N/A	64.2	N/A	N/A	N/A
444502PRP-N374	45	N/A	0.0	45	N/A	-221.5
444502PRP-N375	45	N/A	21.4	N/A	N/A	N/A
444502PRP-N376	54	N/A	65.7	N/A	N/A	N/A
444502PRP-N377	54	N/A	22.9	55	N/A	182.1

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PRP-N378	54	N/A	-62.9	55	N/A	25.0
444502PRP-N379	54	N/A	8.6	N/A	N/A	N/A

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PBP-N021	4	N/A	-9.3	4	N/A	40.7
444502PBP-N022	4	N/A	-2.2	4	N/A	-23.6
444502PBP-N023	4	N/A	-2.2	4	N/A	-2.2
444502PBP-N024	4	N/A	112.1	4	N/A	12.1
444502PBP-N025	4	N/A	62.1	4	N/A	-23.6
444502PBP-N033	4	N/A	19.3	4	N/A	-9.3
444502PBP-N034	4	N/A	-30.7	4	N/A	83.6
444502PBP-N035	4	N/A	-37.9	4	N/A	5.0
444502PBP-N036	4	N/A	90.7	4	N/A	-30.7
444502PBP-N037	4	N/A	26.4	4	N/A	-52.2
444502PBP-N038	4	N/A	26.4	4	N/A	-16.4
444502PBP-N039	4	N/A	112.1	4	N/A	47.8
444502PBP-N040	4	N/A	47.8	4	N/A	40.7
444502PBP-N062	10	N/A	-44.3	11	N/A	-16.8
444502PBP-N063	10	N/A	-22.8	11	N/A	-8.8
444502PBP-N064	10	N/A	48.6	11	N/A	-36.8
444502PBP-N065	10	N/A	-8.6	11	N/A	-28.8
444502PBP-N066	10	N/A	20.0	11	N/A	23.2
444502PBP-N070	10	N/A	-30.0	11	N/A	19.2
444502PBP-N071	10	N/A	-44.3	11	N/A	35.2
444502PBP-N072	10	N/A	34.3	11	N/A	7.2
444502PBP-N073	10	N/A	41.4	11	N/A	-0.8
444502PBP-N074	10	N/A	-1.4	11	N/A	43.2
444502PBP-N075	10	N/A	-1.4	11	N/A	-24.8
444502PBP-N076	10	N/A	41.4	11	N/A	-36.8
444502PBP-N077	13	N/A	-7.1	14	N/A	-22.8
444502PBP-N078	13	N/A	57.1	14	N/A	37.2

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PBP-N079	13	N/A	-14.3	14	N/A	-14.8
444502PBP-N080	13	N/A	28.6	14	N/A	5.2
444502PBP-N081	13	N/A	64.3	14	N/A	-38.8
444502PBP-N082	13	N/A	71.4	14	N/A	17.2
444502PBP-N083	13	N/A	64.3	14	N/A	9.2
444502PBP-N084	13	N/A	14.3	14	N/A	-70.8
444502PBP-N085	13	N/A	50.0	14	N/A	-6.8
444502PBP-N086	13	N/A	178.6	14	N/A	-2.8
444502PBP-N087	13	N/A	-35.7	14	N/A	69.2
444502PBP-N088	13	N/A	57.1	14	N/A	17.2
444502PBP-N147	26	N/A	61.4	26	N/A	2.4
444502PBP-N148	26	N/A	75.7	26	N/A	66.4
444502PBP-N149	26	N/A	-38.6	26	N/A	58.4
444502PBP-N150	26	N/A	11.4	26	N/A	22.4
444502PBP-N151	26	N/A	-24.3	26	N/A	54.4
444502PBP-N161	26	N/A	104.3	26	N/A	46.4
444502PBP-N164	26	N/A	61.4	26	N/A	-13.6
444502PBP-N165	26	N/A	-2.8	26	N/A	18.4
444502PBP-N166	26	N/A	4.3	26	N/A	34.4
444502PBP-N167	26	N/A	-17.1	26	N/A	-9.6
444502PBP-N168	26	N/A	-24.3	26	N/A	42.4
444502PBP-N169	26	N/A	54.3	26	N/A	-13.6
444502PBP-N170	26	N/A	47.2	26	N/A	18.4
444502PBP-N171	26	N/A	-38.6	26	N/A	22.4
444502PBP-N172	29	N/A	73.6	30	N/A	-5.2
444502PBP-N173	29	N/A	59.3	30	N/A	38.8
444502PBP-N177	29	N/A	16.5	30	N/A	-17.2

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PBP-N178	29	N/A	45.0	30	N/A	34.8
444502PBP-N179	29	N/A	-62.1	30	N/A	-25.2
444502PBP-N181	29	N/A	2.2	30	N/A	22.8
444502PBP-N182	29	N/A	-19.2	29	N/A	25.2

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PRP-N190	51	N/A	20.6	N/A	N/A	N/A
444502PRP-N191	51	N/A	-24.8	52	N/A	1,191.5
444502PRP-N192	51	N/A	29.7	52	N/A	1,218.8
444502PRP-N193	39	N/A	397.9	N/A	N/A	N/A
444502PRP-N194	40	N/A	920.6	N/A	N/A	N/A
444502PRP-N195	41	N/A	720.6	N/A	N/A	N/A
444502PRP-N202	42	N/A	211.5	N/A	N/A	N/A
444502PRP-N203	39	N/A	366.1	36	N/A	1,768.8
444502PRP-N204	40	N/A	-174.8	36	N/A	1,218.8
444502PRP-N205	41	N/A	379.7	N/A	N/A	N/A
444502PRP-N206	42	N/A	-43.0	36	N/A	1,014.2
444502PRP-N207	39	N/A	229.7	36	N/A	1,409.7
444502PRP-N208	40	N/A	16.1	N/A	N/A	N/A
444502PRP-N209	41	N/A	602.4	36	N/A	973.3
444502PRP-N210	42	N/A	416.1	36	N/A	1,127.9
444502PRP-N211	39	N/A	1,875.2	N/A	N/A	N/A
444502QRP-N211	49	N/A	922.7	N/A	N/A	N/A
444502PRP-N212	40	N/A	693.3	36	N/A	1,309.7
444502PRP-N213	41	N/A	638.8	N/A	N/A	N/A
444502PRP-N214	42	N/A	584.3	N/A	N/A	N/A
444502PRP-N215	39	N/A	720.6	36	N/A	1,396.1
444502PRP-N216	40	N/A	720.6	36	N/A	1,764.2
444502PRP-N217	41	N/A	1,061.5	N/A	N/A	N/A
444502PRP-N218	42	N/A	797.9	36	N/A	1,550.6
444502PRP-N219	39	N/A	1,011.5	36	N/A	1,500.6
444502PRP-N220	40	N/A	584.3	N/A	N/A	N/A
444502PRP-N221	41	N/A	707.0	N/A	N/A	N/A

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PRP-N222	42	N/A	775.2	36	N/A	1,418.8
444502PRP-N223	39	N/A	993.3	N/A	N/A	N/A
444502PRP-N224	40	N/A	1,488.8	N/A	N/A	N/A
444502QRP-N224	49	N/A	1,709.1	N/A	N/A	N/A
444502PRP-N225	41	N/A	1,784.3	N/A	N/A	N/A
444502QRP-N225	49	N/A	1,777.3	N/A	N/A	N/A
444502PRP-N226	42	N/A	479.7	36	N/A	1,359.7
444502PRP-N227	39	N/A	2,966.1	N/A	N/A	N/A
444502QRP-N227	49	N/A	2,036.4	N/A	N/A	N/A
444502PRP-N228	40	N/A	738.8	N/A	N/A	N/A
444502PRP-N229	41	N/A	720.6	36	N/A	1,318.8
444502PRP-N230	42	N/A	-165.7	36	N/A	559.7
444502PRP-N231	39	N/A	-470.3	36	N/A	441.5
444502PRP-N232	40	N/A	229.7	36	N/A	691.5
444502PRP-N233	41	N/A	670.6	N/A	N/A	N/A
444502PRP-N234	42	N/A	1,061.5	36	N/A	1,559.7
444502PRP-N235	39	N/A	943.3	36	N/A	1,596.1
444502PRP-N236	40	N/A	-43.0	N/A	N/A	N/A
444502PRP-N237	41	N/A	347.9	36	N/A	1,309.7
444502PRP-N238	42	N/A	-333.9	36	N/A	887.0
444502PRP-N239	39	N/A	616.1	36	N/A	718.8
444502PRP-N240	40	N/A	716.1	N/A	N/A	N/A
444502PRP-N241	41	N/A	502.4	36	N/A	968.8
444502PRP-N242	42	N/A	57.0	36	N/A	1,982.4
444502PRP-N243	39	N/A	702.4	36	N/A	1,332.4
444502PRP-N244	40	N/A	807.0	N/A	N/A	N/A
444502PRP-N245	41	N/A	-79.4	36	N/A	1,350.6

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PRP-N246	42	N/A	534.3	36	N/A	1,382.4
444502PRP-N247	39	N/A	484.3	N/A	N/A	N/A
444502PRP-N248	40	N/A	102.4	36	N/A	1,114.2
444502PRP-N249	41	N/A	-897.6	36	N/A	1,309.7
444502PRP-N250	42	N/A	784.3	N/A	N/A	N/A
444502PRP-N251	39	N/A	911.5	36	N/A	1,073.3
444502PRP-N252	40	N/A	-438.5	36	N/A	1,173.3
444502PRP-N253	41	N/A	266.1	36	N/A	627.9
444502PRP-N254	42	N/A	-261.2	N/A	N/A	N/A
444502PRP-N255	39	N/A	484.3	36	N/A	764.2
444502PRP-N256	40	N/A	329.7	36	N/A	587.0
444502PRP-N257	41	N/A	693.3	36	N/A	577.9
444502PRP-N258	42	N/A	693.3	N/A	N/A	N/A
444502PRP-N259	39	N/A	952.4	36	N/A	832.4
444502PRP-N260	40	N/A	602.4	36	N/A	459.7
444502PRP-N261	41	N/A	75.2	N/A	N/A	N/A
444502PRP-N262	42	N/A	866.1	36	N/A	173.3
444502PRP-N263	39	N/A	916.1	36	N/A	768.8
444502PRP-N264	40	N/A	847.9	N/A	N/A	N/A
444502PRP-N265	41	N/A	938.8	36	N/A	755.1
444502PRP-N266	42	N/A	-133.9	36	N/A	1,309.7
444502PRP-N267	39	N/A	888.8	N/A	N/A	N/A
444502PRP-N268	40	N/A	757.0	36	N/A	687.0
444502PRP-N269	41	N/A	-106.7	36	N/A	437.0
444502PRP-N270	42	N/A	216.1	N/A	N/A	N/A
444502PRP-N271	51	N/A	352.4	52	N/A	1,037.0
444502PRP-N272	51	N/A	870.6	52	N/A	1,441.5

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PRP-N273	51	N/A	1,166.1	52	N/A	1,487.0
444502PRP-N274	51	N/A	1,429.7	N/A	N/A	N/A
444502PRP-N275	51	N/A	1,461.5	52	N/A	818.8
444502PRP-N276	51	N/A	1,052.4	52	N/A	1,623.3
444502PRP-N277	51	N/A	1,197.9	52	N/A	1,700.6
444502PRP-N280	51	N/A	47.9	52	N/A	1,282.4
444502PRP-N281	51	N/A	-29.4	52	N/A	1,423.3
444502PRP-N282	51	N/A	75.2	N/A	N/A	N/A
444502PRP-N283	51	N/A	388.8	52	N/A	1,405.1
444502PRP-N284	51	N/A	888.8	52	N/A	1,850.6
444502PRP-N285	51	N/A	-93.0	52	N/A	732.4
444502PRP-N286	51	N/A	957.0	52	N/A	900.6
444502PRP-N287	51	N/A	1,025.2	52	N/A	1,473.3
444502PRP-N290	51	N/A	1,470.6	52	N/A	2,018.8
444502PRP-N291	51	N/A	2,720.6	52	N/A	1,764.2
444502PRP-N294	41	N/A	57.0	43	N/A	541.5
444502PRP-N295	42	N/A	602.4	44	N/A	1,277.9
444502PRP-N296	39	N/A	1,352.4	43	N/A	1,400.6
444502PRP-N297	40	N/A	-24.8	N/A	N/A	N/A
444502PRP-N298	41	N/A	1,125.2	44	N/A	946.1
444502PRP-N299	42	N/A	66.1	N/A	N/A	N/A
444502PRP-N300	39	N/A	1,252.4	43	N/A	459.7
444502QRP-N300	49	N/A	1,254.6	N/A	N/A	N/A
444502PRP-N301	40	N/A	829.7	44	N/A	1,055.1
444502PRP-N302	41	N/A	466.1	44	N/A	1,096.1
444502PRP-N303	42	N/A	-206.7	N/A	N/A	N/A
444502PRP-N304	39	N/A	779.7	43	N/A	1,127.9

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PRP-N305	40	N/A	843.3	44	N/A	1,277.9
444502PRP-N306	41	N/A	838.8	N/A	N/A	N/A
444502PRP-N307	42	N/A	25.2	43	N/A	1,323.3
444502PRP-N308	39	N/A	343.3	44	N/A	950.6
444502PRP-N309	40	N/A	-320.3	43	N/A	1,141.5
444502PRP-N310	41	N/A	229.7	N/A	N/A	N/A
444502PRP-N311	42	N/A	875.2	44	N/A	968.8
444502PRP-N312	39	N/A	157.0	43	N/A	823.3
444502PRP-N313	40	N/A	375.2	44	N/A	832.4
444502PRP-N314	41	N/A	470.6	N/A	N/A	N/A
444502PRP-N315	42	N/A	252.4	43	N/A	968.8
444502PRP-N316	39	N/A	161.5	44	N/A	823.3
444502PRP-N317	40	N/A	452.4	N/A	N/A	N/A
444502PRP-N318	41	N/A	361.5	43	N/A	1,037.0
444502PRP-N319	42	N/A	352.4	N/A	N/A	N/A
444502PRP-N320	39	N/A	570.6	44	N/A	1,246.1
444502PRP-N321	40	N/A	293.3	43	N/A	1,005.1
444502PRP-N322	41	N/A	670.6	44	N/A	732.4
444502PRP-N323	42	N/A	529.7	N/A	N/A	N/A
444502PRP-N324	39	N/A	-183.9	43	N/A	1,032.4
444502PRP-N325	40	N/A	529.7	44	N/A	777.9
444502PRP-N326	41	N/A	766.1	43	N/A	877.9
444502PRP-N327	42	N/A	688.8	N/A	N/A	N/A
444502PRP-N328	39	N/A	207.0	44	N/A	1,250.6
444502PRP-N329	40	N/A	916.1	43	N/A	1,259.7
444502PRP-N330	41	N/A	457.0	44	N/A	896.1
444502PRP-N331	42	N/A	1,388.8	N/A	N/A	N/A

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502QRP-N331	49	N/A	1,090.9	N/A	N/A	N/A
444502PRP-N332	39	N/A	1,066.1	43	N/A	1,205.1
444502QRP-N332	49	N/A	1,127.3	N/A	N/A	N/A
444502PRP-N333	40	N/A	711.5	44	N/A	832.4
444502PRP-N334	41	N/A	107.0	N/A	N/A	N/A
444502PRP-N335	42	N/A	993.3	43	N/A	641.5
444502PRP-N336	39	N/A	625.2	44	N/A	1,046.1
444502PRP-N337	40	N/A	729.7	N/A	N/A	N/A
444502PRP-N338	41	N/A	375.2	43	N/A	768.8
444502PRP-N339	42	N/A	252.4	44	N/A	659.7
444502PRP-N340	39	N/A	434.3	N/A	N/A	N/A
444502PRP-N341	40	N/A	-170.3	43	N/A	1,477.9
444502PRP-N344	51	N/A	2,057.0	52	N/A	1,396.1
444502PRP-N345	51	N/A	3,311.5	52	N/A	2,277.9
444502QRP-N345	53	N/A	3,522.7	N/A	N/A	N/A
444502PRP-N346	51	N/A	-156.7	N/A	N/A	N/A
444502PRP-N347	51	N/A	1,088.8	52	N/A	1,337.0
444502PRP-N348	51	N/A	697.9	52	N/A	1,446.1
444502PRP-N349	39	N/A	934.3	N/A	N/A	N/A
444502PRP-N350	40	N/A	570.6	44	N/A	1,927.9
444502PRP-N351	41	N/A	297.9	43	N/A	1,577.9
444502PRP-N352	42	N/A	347.9	N/A	N/A	N/A
444502PRP-N353	39	N/A	738.8	44	N/A	1,414.2
444502PRP-N354	40	N/A	625.2	43	N/A	1,300.6
444502PRP-N355	41	N/A	161.5	44	N/A	882.4
444502PRP-N356	42	N/A	502.4	43	N/A	741.5
444502PRP-N357	39	N/A	334.3	N/A	N/A	N/A

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PRP-N358	40	N/A	2,029.7	44	N/A	1,005.1
444502QRP-N358	49	N/A	1,409.1	N/A	N/A	N/A
444502PRP-N359	41	N/A	775.2	43	N/A	787.0
444502PRP-N360	42	N/A	316.1	44	N/A	996.1
444502PRP-N361	39	N/A	697.9	43	N/A	1,014.2
444502PRP-N362	40	N/A	138.8	44	N/A	777.9
444502PRP-N363	41	N/A	125.2	N/A	N/A	N/A
444502PRP-N364	42	N/A	134.3	43	N/A	1,223.3
444502PRP-N365	39	N/A	888.8	44	N/A	705.1
444502PRP-N366	40	N/A	70.6	N/A	N/A	N/A
444502PRP-N367	41	N/A	320.6	43	N/A	832.4
444502PRP-N368	42	N/A	516.1	44	N/A	1,896.1
444502PRP-N369	39	N/A	875.2	N/A	N/A	N/A
444502PRP-N370	40	N/A	1,284.3	43	N/A	2,018.8
444502PRP-N371	41	N/A	957.0	44	N/A	1,405.1
444502PRP-N372	42	N/A	93.3	43	N/A	2,073.3
444502PRP-N373	39	N/A	320.6	N/A	N/A	N/A
444502PRP-N374	40	N/A	1,170.6	44	N/A	1,568.8
444502PRP-N375	41	N/A	1,402.4	N/A	N/A	N/A
444502PRP-N376	51	N/A	1,070.6	N/A	N/A	N/A
444502PRP-N377	51	N/A	166.1	43	N/A	1,809.7
444502PRP-N378	51	N/A	1,393.3	44	N/A	2,105.1
444502PRP-N379	51	N/A	1,488.8	N/A	N/A	N/A

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PBP-N021	6	N/A	765.4	6	N/A	893.0
444502PBP-N022	6	N/A	988.1	6	N/A	1,270.3
444502PBP-N023	6	N/A	1,242.7	6	N/A	1,061.2
444502PBP-N024	6	N/A	610.9	6	N/A	747.6
444502PBP-N025	6	N/A	1,370.0	6	N/A	747.6
444502PBP-N033	6	N/A	679.0	6	N/A	806.7
444502PBP-N034	6	N/A	933.6	6	N/A	1,220.3
444502PBP-N035	6	N/A	1,124.5	6	N/A	1,311.2
444502PBP-N036	6	N/A	724.5	6	N/A	861.2
444502PBP-N037	6	N/A	1,165.4	6	N/A	1,079.4
444502PBP-N038	6	N/A	815.4	6	N/A	997.6
444502PBP-N039	6	N/A	1,192.7	6	N/A	1,188.5
444502PBP-N040	6	N/A	688.1	6	N/A	1,102.1
444502PBP-N062	12	N/A	1,501.8	12	N/A	1,747.6
444502PBP-N063	12	N/A	897.2	12	N/A	1,202.1
444502PBP-N064	12	N/A	1,401.8	12	N/A	779.4
444502PBP-N065	12	N/A	1,001.8	12	N/A	1,133.9
444502PBP-N066	12	N/A	1,056.3	12	N/A	1,052.1
444502PBP-N070	12	N/A	1,465.4	12	N/A	1,274.8
444502PBP-N071	12	N/A	2,351.8	12	N/A	1,852.1
444502PBP-N072	12	N/A	997.2	12	N/A	1,174.8
444502PBP-N073	12	N/A	2,301.8	12	N/A	929.4
444502PBP-N074	12	N/A	1,070.0	12	N/A	1,383.9
444502PBP-N075	12	N/A	1,865.4	12	N/A	1,274.8
444502PBP-N076	12	N/A	1,224.5	12	N/A	1,783.9
444502PBP-N077	15	N/A	1,601.8	15	N/A	1,306.7
444502PBP-N078	15	N/A	1,392.7	15	N/A	811.2

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PBP-N079	15	N/A	783.6	15	N/A	1,393.0
444502PBP-N080	15	N/A	979.0	15	N/A	1,443.0
444502PBP-N081	15	N/A	1,056.3	15	N/A	1,393.0
444502PBP-N082	15	N/A	1,001.8	15	N/A	1,579.4
444502PBP-N083	15	N/A	524.5	15	N/A	1,324.8
444502PBP-N084	15	N/A	833.6	15	N/A	1,024.8
444502PBP-N085	15	N/A	833.6	15	N/A	1,152.1
444502PBP-N086	15	N/A	1,651.8	15	N/A	1,493.0
444502PBP-N087	15	N/A	1,429.0	15	N/A	1,697.6
444502PBP-N088	15	N/A	1,633.6	15	N/A	2,106.7
444502PBP-N147	22	N/A	1,547.2	25	N/A	1,133.9
444502PBP-N148	22	N/A	1,292.7	25	N/A	1,288.5
444502PBP-N149	22	N/A	1,124.5	25	N/A	1,065.8
444502PBP-N150	22	N/A	1,683.6	25	N/A	1,779.4
444502PBP-N151	22	N/A	1,992.7	25	N/A	2,702.1
444502PBP-N161	22	N/A	3,529.0	25	N/A	2,211.2
444502PBP-N164	25	N/A	1,379.0	25	N/A	2,088.5
444502PBP-N165	25	N/A	1,488.1	25	N/A	1,374.8
444502PBP-N166	25	N/A	1,456.3	25	N/A	1,452.1
444502PBP-N167	25	N/A	1,038.1	25	N/A	1,529.4
444502PBP-N168	25	N/A	1,329.0	25	N/A	1,133.9
444502PBP-N169	25	N/A	815.4	25	N/A	1,202.1
444502PBP-N170	25	N/A	1,260.9	25	N/A	1,679.4
444502PBP-N171	25	N/A	797.2	25	N/A	1,938.5
444502PBP-N172	25	N/A	1,260.9	25	N/A	1,461.2
444502PBP-N173	25	N/A	1,224.5	25	N/A	888.5
444502PBP-N177	25	N/A	1,206.3	25	N/A	1,411.2

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444502PBP-N178	25	N/A	815.4	25	N/A	1,170.3
444502PBP-N179	25	N/A	697.2	25	N/A	947.6
444502PBP-N181	25	N/A	783.6	25	N/A	1,461.2
444502PBP-N182	25	N/A	1,515.4	25	N/A	1,170.3

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Survey Unit 444502
Media Sample Results Table

Map Loc	BLDG	VIA	RM	Sample Location Description	Media Type	Random or Biased	Suvey Unit Package #	Sample RIN #	Sample Result (dpm/100cm^2)
21	444	5	104	Wall 6 ft. up	Paint Chips	Biased	444502	04S0235-021.001	1577.0
22	444	5	104	Wall 1 ft. up	Paint Chips	Biased	444502	04S0235-021.001	1577.0
23	444	5	104	Wall 6 ft. up	Paint Chips	Biased	444502	04S0235-021.001	1577.0
24	444	5	104	Wall 1 ft. up	Paint Chips	Biased	444502	04S0235-021.001	1577.0
25	444	5	104	Wall 6 ft. up	Paint Chips	Biased	444502	04S0235-021.001	1577.0
33	444	5	104	Wall 6 ft. up	Paint Chips	Biased	444502	04S0235-022.001	380.0
34	444	5	104	Wall 1 ft. up	Paint Chips	Biased	444502	04S0235-022.001	380.0
35	444	5	104	Wall 6 ft. up	Paint Chips	Biased	444502	04S0235-022.001	380.0
36	444	5	104	Wall 1 ft. up	Paint Chips	Biased	444502	04S0235-022.001	380.0
37	444	5	104	Wall 6 ft. up	Paint Chips	Biased	444502	04S0235-022.001	380.0
38	444	5	104	Wall 1 ft. up	Paint Chips	Biased	444502	04S0235-022.001	380.0
39	444	5	104	Wall 6 ft. up	Paint Chips	Biased	444502	04S0235-022.001	380.0
40	444	5	104	Wall 1 ft. up	Paint Chips	Biased	444502	04S0235-022.001	380.0
62	444	5	109A	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	246.7
63	444	5	109A	Wall 3 ft. up	Paint Chips	Biased	444502	N/A	141.0
64	444	5	109A	Wall 3 ft. up	Paint Chips	Biased	444502	N/A	72.7
65	444	5	109A	Wall 3 ft. up	Paint Chips	Biased	444502	N/A	113.7
66	444	5	109A	Wall 3 ft. up	Paint Chips	Biased	444502	N/A	26.7
70	444	5	109A	Wall 3 ft. up	Paint Chips	Biased	444502	N/A	53.4
71	444	5	109A	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	81.7
72	444	5	109A	Wall 3 ft. up	Paint Chips	Biased	444502	N/A	75.1
73	444	5	109A	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	55.3
74	444	5	109A	Wall 3 ft. up	Paint Chips	Biased	444502	N/A	14.0
75	444	5	109A	Wall 3 ft. up	Paint Chips	Biased	444502	N/A	63.2
76	444	5	109A	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	104.0
77	444	5	104A	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	2.8
78	444	5	104A	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	-24.3
79	444	5	104A	Wall 1 ft. up	Paint Chips	Biased	444502	N/A	50.8
80	444	5	104C	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	54.0
81	444	5	104E	Wall 1 ft. up	Paint Chips	Biased	444502	N/A	187.6
82	444	5	104E	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	210.4
83	444	5	103B	Wall 1 ft. up	Paint Chips	Biased	444502	N/A	207.7
84	444	5	103B	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	186.2
85	444	5	103B	Wall 1 ft. up	Paint Chips	Biased	444502	N/A	-2.2
86	444	5	103A	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	131.5
87	444	5	103A	Wall 1 ft. up	Paint Chips	Biased	444502	N/A	195.7
88	444	5	103A	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	76.6
147	444	5	109	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	-5.1
148	444	5	109	Wall 1 ft. up	Paint Chips	Biased	444502	N/A	14.8
149	444	5	109	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	149.0
150	444	5	109	Wall 1 ft. up	Paint Chips	Biased	444502	N/A	83.2
151	444	5	109	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	3.7

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Survey Unit 444502
Media Sample Results Table

Map Loc	BLDG	VIA	RM	Sample Location Description	Media Type	Random or Biased	Suvey Unit Package #	Sample RIN #	Sample Result (dpm/100cm^2)
161	444	5	109	Wall 1 ft. up	Paint Chips	Biased	444502	N/A	309.2
164	444	5	109	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	-11.7
165	444	5	109	Wall 1 ft. up	Paint Chips	Biased	444502	N/A	19.6
166	444	5	109	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	0.7
167	444	5	109	Wall 1 ft. up	Paint Chips	Biased	444502	N/A	26.4
168	444	5	109	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	-28.7
169	444	5	109	Wall 1 ft. up	Paint Chips	Biased	444502	N/A	43.3
170	444	5	109	Wall 10 ft. up	Paint Chips	Biased	444502	N/A	-6.0
171	444	5	109	Wall 1 ft. up	Paint Chips	Biased	444502	N/A	42.7
172	444	5	109	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	13.7
173	444	5	109	Wall 1 ft. up	Paint Chips	Biased	444502	N/A	-32.6
177	444	5	109	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	31.1
178	444	5	109	Wall 1 ft. up	Paint Chips	Biased	444502	N/A	214.5
179	444	5	109	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	-10.0
181	444	5	109	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	204.2
182	444	5	103	Wall 6 ft. up	Paint Chips	Biased	444502	N/A	20.4
191	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	73.1
192	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	75.9
203	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	15.0
204	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	226.4
206	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	132.2
207	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	-63.7
209	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	66.0
210	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	502.5
212	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	46.8
215	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	288.6
216	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	50.8
218	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	65.2
219	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	24.5
222	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	124.8
226	444	5	109	Wall 5 ft. up	Paint Chips	Random	444502	N/A	159.0
229	444	5	109	Wall 5 ft. up	Paint Chips	Random	444502	N/A	190.8
230	444	5	109	Wall 5 ft. up	Paint Chips	Random	444502	N/A	58.0
231	444	5	109	Wall 1 ft. up	Paint Chips	Random	444502	N/A	11.0
232	444	5	109	Wall 1 ft. up	Paint Chips	Random	444502	N/A	130.2
234	444	5	109	Wall 5 ft. up	Paint Chips	Random	444502	N/A	148.0
235	444	5	109	Wall 1 ft. up	Paint Chips	Random	444502	N/A	147.5
237	444	5	109	Wall 5 ft. up	Paint Chips	Random	444502	N/A	283.3
238	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	237.6
239	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	140.0
241	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	44.8
242	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	171.0

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Survey Unit 444502
Media Sample Results Table

Map Loc	BLDG	VIA	RM	Sample Location Description	Media Type	Random or Biased	Suvey Unit Package #	Sample RIN #	Sample Result (dpm/100cm^2)
243	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	216.8
245	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	355.1
246	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	201.3
248	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	104.8
249	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	77.0
251	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	39.4
252	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	-21.2
253	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	368.5
255	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	155.5
256	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	102.1
257	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	369.4
259	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	-38.1
260	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	10.5
262	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	230.2
263	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	-0.6
265	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	571.8
266	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	403.4
268	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	289.8
269	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	318.0
271	444	5	109	Wall 3 ft. up	Paint Chips	Random	444502	N/A	54.5
272	444	5	103	Wall 1 ft. up	Paint Chips	Random	444502	N/A	688.6
273	444	5	103	Wall 5 ft. up	Paint Chips	Random	444502	N/A	305.7
275	444	5	103	Wall 1 ft. up	Paint Chips	Random	444502	N/A	624.4
276	444	5	103	Wall 1 ft. up	Paint Chips	Random	444502	N/A	-22.7
277	444	5	103	Wall 5 ft. up	Paint Chips	Random	444502	N/A	79.3
280	444	5	103	Wall 1 ft. up	Paint Chips	Random	444502	N/A	73.3
281	444	5	103	Wall 5 ft. up	Paint Chips	Random	444502	N/A	-161.7
283	444	5	103	Wall 1 ft. up	Paint Chips	Random	444502	N/A	199.4
284	444	5	103	Wall 1 ft. up	Paint Chips	Random	444502	N/A	39.1
285	444	5	103	Wall 5 ft. up	Paint Chips	Random	444502	N/A	113.4
286	444	5	103	Wall 5 ft. up	Paint Chips	Random	444502	N/A	140.3
287	444	5	103	Wall 1 ft. up	Paint Chips	Random	444502	N/A	162.8
290	444	5	103	Wall 5 ft. up	Paint Chips	Random	444502	N/A	53.0
291	444	5	103	Wall 1 ft. up	Paint Chips	Random	444502	N/A	767.9
294	444	5	103	Wall 6 ft. up	Paint Chips	Random	444502	N/A	493.2
295	444	5	103	Wall 6 ft. up	Paint Chips	Random	444502	N/A	1543.7
296	444	5	103	Wall 6 ft. up	Paint Chips	Random	444502	N/A	1266.7
298	444	5	104	Wall 6 ft. up	Paint Chips	Random	444502	N/A	387.4
300	444	5	104	Wall 6 ft. up	Paint Chips	Random	444502	N/A	20.3
301	444	5	104	Wall 6 ft. up	Paint Chips	Random	444502	N/A	26.2
302	444	5	104	Wall 6 ft. up	Paint Chips	Random	444502	N/A	187.0
304	444	5	104	Wall 6 ft. up	Paint Chips	Random	444502	N/A	137.7

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Survey Unit 444502
Media Sample Results Table

Map Loc	BLDG	VIA	RM	Sample Location Description	Media Type	Random or Biased	Suvey Unit Package #	Sample RIN #	Sample Result (dpm/100cm^2)
305	444	5	104	Wall 6 ft. up	Paint Chips	Random	444502	N/A	273.3
307	444	5	104	Wall 6 ft. up	Paint Chips	Random	444502	N/A	9.8
308	444	5	104	Wall 6 ft. up	Paint Chips	Random	444502	N/A	-10.3
309	444	5	104	Wall 6 ft. up	Paint Chips	Random	444502	N/A	437.1
311	444	5	104	Wall 6 ft. up	Paint Chips	Random	444502	N/A	-7.9
312	444	5	104	Wall 6 ft. up	Paint Chips	Random	444502	N/A	46.6
313	444	5	104	Wall 6 ft. up	Paint Chips	Random	444502	N/A	40.9
315	444	5	104	Wall 6 ft. up	Paint Chips	Random	444502	N/A	201.6
316	444	5	104	Wall 6 ft. up	Paint Chips	Random	444502	N/A	198.6
318	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	182.1
320	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	335.1
321	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	281.4
322	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	133.1
324	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	1001.5
325	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	101.2
326	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	26.9
328	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	-27.1
329	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	450.0
330	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	71.6
332	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	26.7
333	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	18.7
335	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	273.1
336	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	338.6
338	444	5	103	Wall 1 ft. up	Paint Chips	Random	444502	N/A	407.7
339	444	5	103	Wall 1 ft. up	Paint Chips	Random	444502	N/A	261.6
341	444	5	103	Wall 1 ft. up	Paint Chips	Random	444502	N/A	172.0
344	444	5	103	Wall 5 ft. up	Paint Chips	Random	444502	N/A	58.4
345	444	5	103	Wall 5 ft. up	Paint Chips	Random	444502	N/A	295.7
347	444	5	103	Wall 5 ft. up	Paint Chips	Random	444502	N/A	7.5
348	444	5	104	Wall 5 ft. up	Paint Chips	Random	444502	N/A	214.9
350	444	5	104	Wall 5 ft. up	Paint Chips	Random	444502	N/A	161.7
351	444	5	104	Wall 5 ft. up	Paint Chips	Random	444502	N/A	128.7
353	444	5	104	Wall 5 ft. up	Paint Chips	Random	444502	N/A	311.9
354	444	5	104	Wall 5 ft. up	Paint Chips	Random	444502	N/A	398.8
355	444	5	104	Wall 5 ft. up	Paint Chips	Random	444502	N/A	205.7
356	444	5	104	Wall 5 ft. up	Paint Chips	Random	444502	N/A	536.3
358	444	5	104	Wall 5 ft. up	Paint Chips	Random	444502	N/A	1475.1
359	444	5	104	Wall 5 ft. up	Paint Chips	Random	444502	N/A	1155.3
360	444	5	104	Wall 5 ft. up	Paint Chips	Random	444502	N/A	398.5
361	444	5	104	Wall 5 ft. up	Paint Chips	Random	444502	N/A	194.6
362	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	54.5
364	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	276.5

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Survey Unit 444502
Media Sample Results Table

Map Loc	BLDG	VIA	RM	Sample Location Description	Media Type	Random or Biased	Suvey Unit Package #	Sample RIN #	Sample Result (dpm/100cm^2)
365	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	429.5
367	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	135.6
368	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	226.7
370	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	116.4
371	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	173.9
372	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	535.3
374	444	5	104	Wall 1 ft. up	Paint Chips	Random	444502	N/A	98.8
377	444	5	103	Wall 1 ft. up	Paint Chips	Random	444502	N/A	-15.2
378	444	5	103	Wall 1 ft. up	Paint Chips	Random	444502	N/A	750.9
								MAX	1577.0
								MIN	-161.7
								MEAN	238.3
								SD	339.2
								$DCGL_W$ =	5000.0

Note ** If N/A is listed for 'Sample RIN#' then the samples were counted on the BC-4 instead of Gamma Spectroscopy.

rev. 1 The reported sample results are for uranium isotopes only. Transuranic isotope results are not required for building 444.

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Survey Area: VIA 5	Survey Unit: 444502	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls <2 meters, except LLW areas.

Media Samples Data Sheet

Site Sample ID / Nbr Description	Nuclide	Sample (pCi/g)	Sample MDA (pCi/g)	Weight (g)	Surface Area (in²)	Sample Nuclide (dpm/100cm²)	Sample Nuclide MDA (dpm/100cm²)	Sample Total (dpm/100cm²)
04S0235-021.001 21	U234	5.9500	0.7730	92.20	24.4	774	101	
B444 VIA 5 Samples 21-25	U235	0.2280	0.1030			30	13	**Uranium**
	U238	5.9500	0.7730			774	101	1,577
	Pu239/240	0.0000	0.7560			0	98	**Transuranic**
	Am241	0.0000	0.1050			0	14	0
04S0235-022.001 33	U234	3.2000	0.9560	42.30	24.5	190	57	
B444 VIA 5 Samples 33-40	U235	0.0000	0.2130			0	13	**Uranium**
	U238	3.2000	0.9560			190	57	380
	Pu239/240	0.0000	0.9576			0	57	**Transuranic**
	Am241	0.0000	0.1330			0	8	0

rev.1

The uranium results on this page are also reported on page 25A.

Although transuranic results are reported on this page, these sample results are not required for Building 444.

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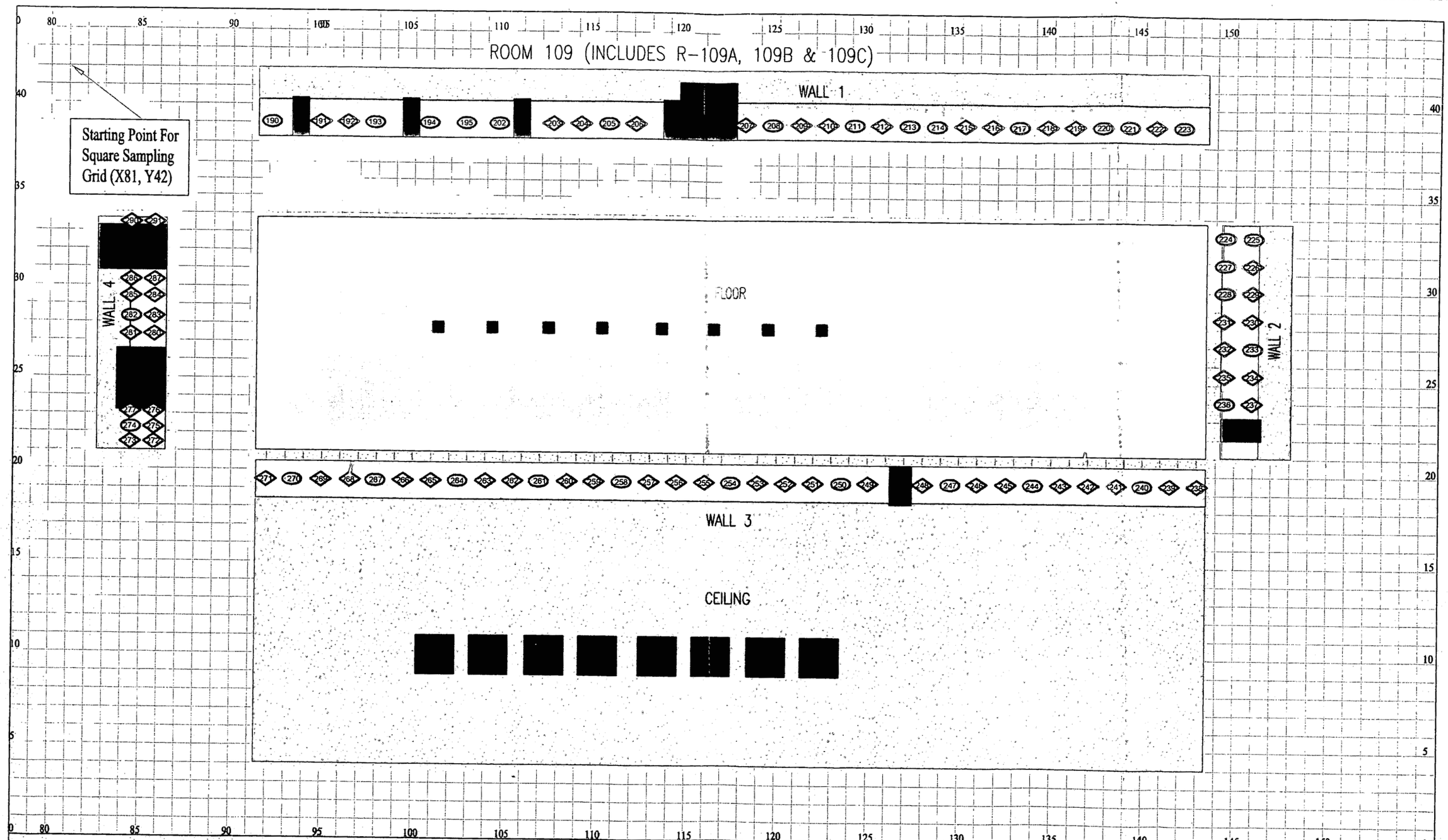

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-5 Survey Unit: 444502 Classification: 1

Survey Area/Unit Description: Building 444 VIA #5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104 C, 104E, 109, 109A, 109B, 109C, Elevator 1 & 2, Walls < 2 meters, except LLW areas

Floor Area: 1,133 sq.m Total Area: 472 sq.m Grid Spacing for Survey Area: 1.5 m x 1.5 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA, TSA & Sample Location
- Low Level Waste Area
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

FEET 0 16
METERS 0 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444502 SHT 01.DWG | Sheet: 1 of 3 | Rev: 0

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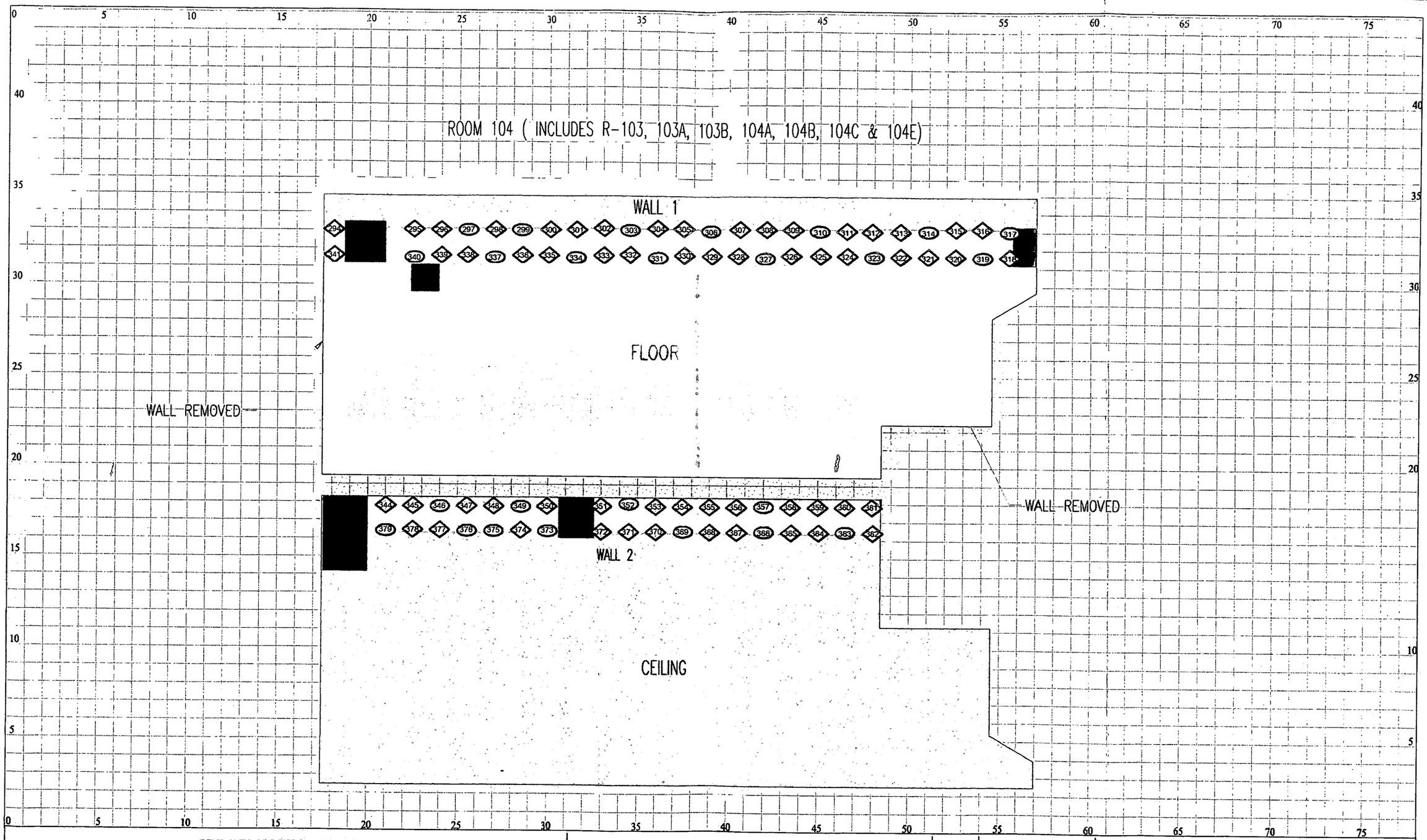

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-5 Survey Unit: 444502 Classification: 1

Survey Area/Unit Description: Building 444 VIA #5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104 C, 104E, 109, 109A, 109B, 109C, Elevator 1 & 2 , Walls < 2 meters, except LLW areas

Floor Area: 1,133 sq.m Total Area: 472 sq.m Grid Spacing for Survey Area: 1.5 m x 1.5 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Low Level Waste Area
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16
0 METERS 5

1 inch =16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444502 SHT 02.DWG | Sheet: 2 of 3 | Rev: 0

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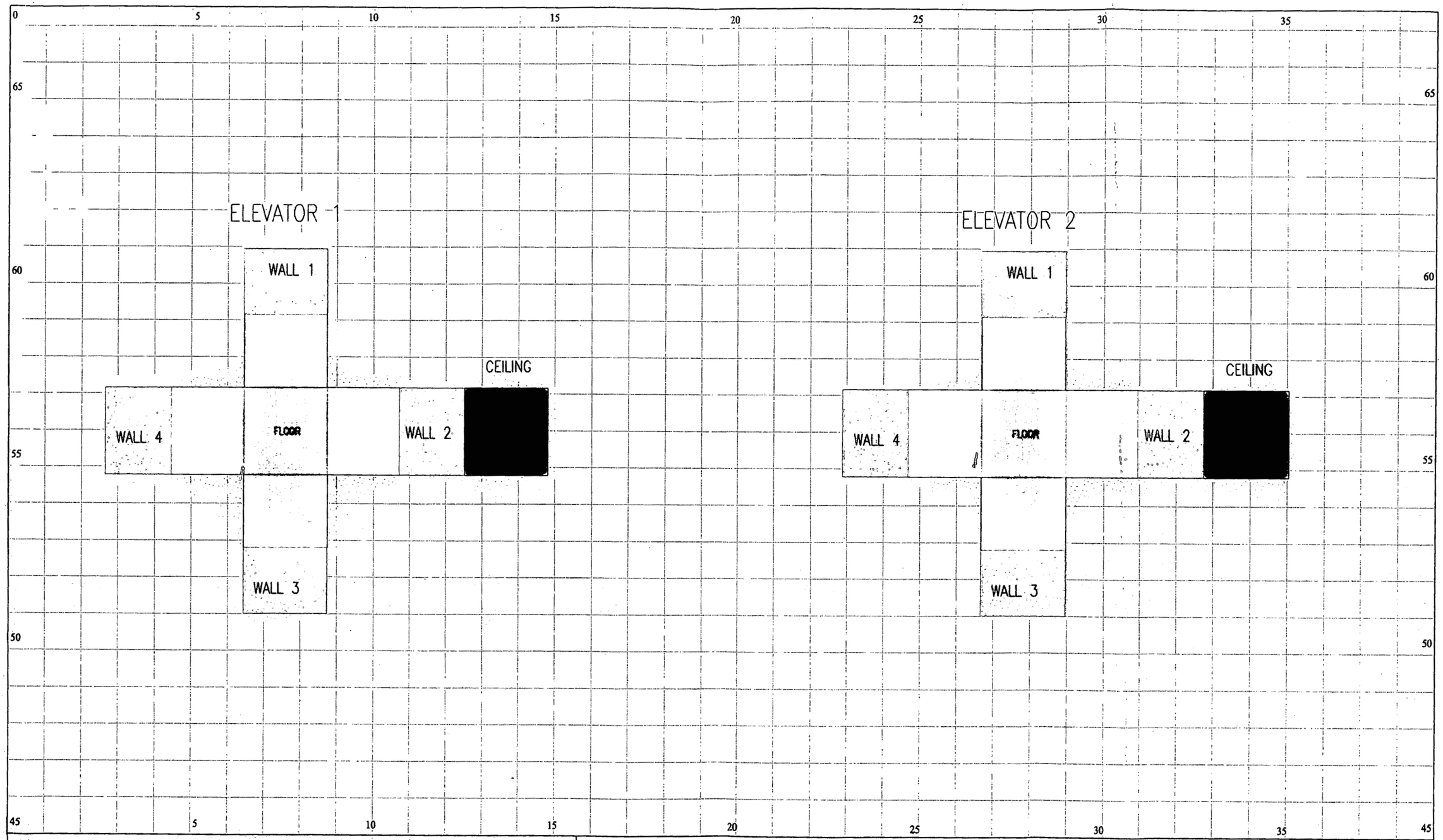

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-5 Survey Unit: 444502 Classification: 1

Survey Area/Unit Description: Building 444 VIA #5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104 C, 104E, 109, 109A, 109B, 109C, Elevator 1 & 2 , Walls < 2 meters, except LLW areas

Floor Area: 1,133 sq.m Total Area: 472 sq.m Grid Spacing for Survey Area: 1.5 m x 1.5 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Low Level Waste Area
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 8
0 METERS 2.5

1 inch = 2.5 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444502 SHT 03.DWG | Sheet 3 of 3 | Rev: 0

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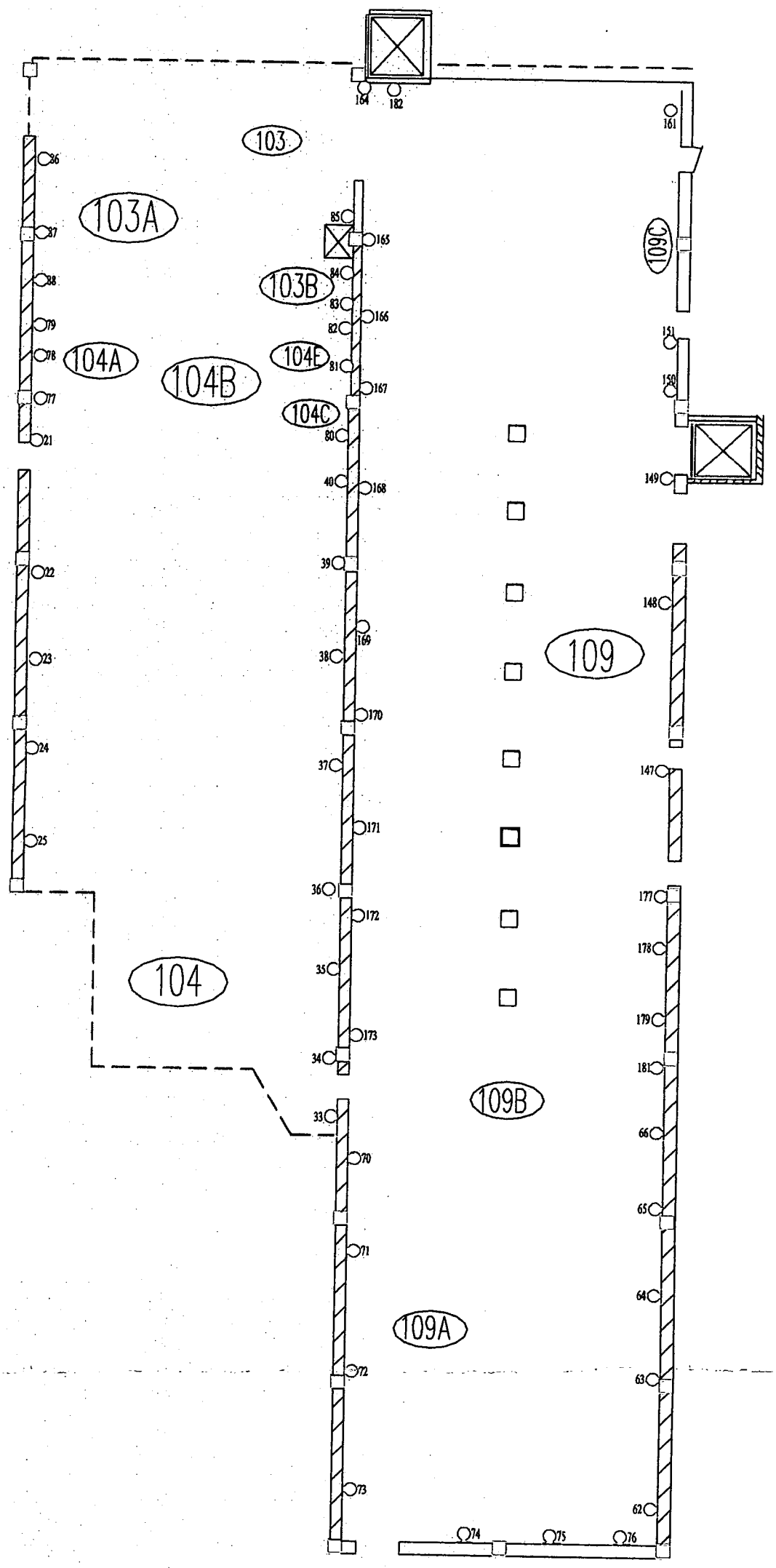
PRE-DEMOLITION MEDIA SAMPLING MAP

BLDG: 444 Survey Area: VIA-5 Survey Unit: 444502 Classification: 1

Survey Area/Unit Description: Building 444 VIA #5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, & Elevator 1 & 2, Walls < 2 meters, except LLW areas

Floor Area: 1,133 sq.m Total Area: 472 sq.m. Scale: 1 inch = 16 feet Date: 01/25/2005



SURVEY POINT LEGEND

- ○# Wall Sample location
- □# Floor Sample Location
- Ⓟ Ceiling Sample Location
- — — Wall Removed

N

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC. Raytheon Engineers & Constructors

Prepared for: KAISER HILL

File Name: MEDIA444502_D.DWG | Sheet: 1of 1 | Rev: 1

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 109
Nbr Random Measurements Performed: 142
Nbr Biased Measurements Required: 102
Nbr Biased Measurements Performed: 102
Nbr QC Required: 8
Nbr QC Performed: 8

Beta

Maximum:	4,407.9 dpm/100cm²
Minimum:	-973.2 dpm/100cm²
Mean:	1,295.1 dpm/100cm²
Standard Deviation:	479.2
QC Maximum:	1,590.9 dpm/100cm²
QC Minimum:	909.1 dpm/100cm²
QC Mean:	1,204.5 dpm/100cm²
Uranium DCGLw:	5,000.0 dpm/100cm²
Uranium DCGLEMC:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 109
Nbr Random Measurements Performed: 142
Nbr Biased Measurements Required: 102
Nbr Biased Measurements Performed: 102

Beta

Maximum:	133.5 dpm/100cm²
Minimum:	-130.0 dpm/100cm²
Mean:	3.1 dpm/100cm²
Standard Deviation:	37.6
Uranium DCGLw:	1,000.0

Media Sample Results

Nbr Random Required: 78
Nbr Random Collected: 78
Nbr Biased Required: 102
Nbr Biased Collected: 102

Uranium

Maximum:	2,652 dpm/100cm²
Minimum:	-80 dpm/100cm²
Mean:	88 dpm/100cm²
Standard Deviation:	287
Uranium DCGLw:	5,000 dpm/100cm²
Uranium DCGLEMC:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGLw:	100 dpm/100cm²
Transuranic DCGLEMC:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
1	701418	04/26/04	Electra	1409	DP-6	05/24/04	NA	0.222	NA	745.0	T
2	712456	04/26/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
3	712456	04/26/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
4	701418	04/27/04	Electra	1409	DP-6	05/24/04	NA	0.220	NA	745.0	T
5	712456	04/27/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
6	712456	04/27/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
7	712600	04/28/04	Electra	1409	DP-6	05/24/04	NA	0.220	NA	745.0	T
8	701418	04/28/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
9	701418	04/28/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
10	712456	04/29/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
11	712456	04/29/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
12	701418	04/29/04	Electra	1409	DP-6	05/24/04	NA	0.220	NA	745.0	T
13	701418	04/30/04	Electra	1409	DP-6	05/24/04	NA	0.220	NA	745.0	T
14	712456	04/30/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
15	712456	04/30/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
16	702058	05/01/04	Electra	1409	DP-6	05/24/04	NA	0.220	NA	745.0	T
17	712456	05/01/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
18	712456	05/01/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
19	701418	05/04/04	Electra	1409	DP-6	05/24/04	NA	0.220	NA	745.0	T
20	712456	05/04/04	BC-4	772	NA	06/26/04	NA	0.140	NA	258.0	R
21	712456	05/04/04	BC-4	773	NA	09/19/04	NA	0.140	NA	258.0	R
22	711447	12/10/04	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	T/S
23	700831	12/10/04	Electra	3251	DP-6	01/07/05	NA	0.220	NA	745.0	T/S
24	712193	12/10/04	Electra	3552	DP-6	05/02/05	NA	0.220	NA	745.0	S
25	700831	12/11/04	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	T/S
26	711447	12/11/04	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	S
27	712193	01/02/05	Electra	661	DP-8	03/08/05	NA	0.160	NA	999.0	S
28	700831	01/02/05	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	S
29	711447	01/02/05	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	S
30	700831	01/04/05	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	T/S
31	711447	01/04/05	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
32	700831	01/04/05	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R
33	712193	01/04/05	Electra	2352	DP-6	06/09/05	NA	0.220	NA	745.0	Q/S
34	712467	01/24/05	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
35	711447	01/24/05	Electra	1366	DP-6	04/05/05	NA	0.220	NA	745.0	S
36	700831	01/24/05	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	S
37	511390	01/24/05	Electra	3105	DP-6	04/15/05	NA	0.220	NA	745.0	S
38	712467	01/25/05	Electra	659	DP-8	03/07/05	NA	0.160	NA	999.0	S
39	711447	01/25/05	Electra	3254	DP-6	07/04/05	NA	0.220	NA	745.0	S
40	511390	01/25/05	Electra	3127	DP-6	02/16/05	NA	0.220	NA	745.0	T/S
41	712193	01/26/05	Electra	1271	DP-6	07/25/05	NA	0.220	NA	745.0	T
42	700831	01/26/05	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	T
43	511390	01/26/05	Electra	3105	DP-6	04/15/05	NA	0.220	NA	745.0	T
44	711447	01/26/05	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	T
45	711447	01/27/05	Electra	1665	DP-6	04/07/05	NA	0.220	NA	745.0	T
46	712193	01/27/05	Electra	3127	DP-6	02/16/05	NA	0.220	NA	745.0	Q
47	511390	01/27/05	Electra	3250	DP-6	05/12/05	NA	0.220	NA	745.0	T
48	700831	01/27/05	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
49	700831	01/27/05	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R
50	700831	01/28/05	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
51	700831	01/28/05	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Comments Sheet

General Comments: N/A

TSA Comments: N/A

RSA Comments: N/A

Media Comments: 1. The following Media Sample locations were found to be above the limits during Pre sample surveys and were not taken. Project Management was given these locations and areas were scabbled out to the nearest radiologically clean sample locations: 13, 23, and 43.
2. Some walls were removed and managed as low level waste. The following media samples were on these surfaces and have been removed from the package: 60, 61, and 103.
3. Media samples (i.e., paint samples) were collected from all non-factory painted surfaces, either during in-process surveys or during the PDS. Since the PDS gridded maps were not completed at the time of the in-process media samples, these in-process media samples were collected at evenly spaced and biased locations throughout all non-factory painted surfaces, in the same density and fashion as if they were PDS gridded and biased locations. Additionally, if there were media sample data gaps discovered during the PDS process, additional media samples were collected at gridded TSA/RSA locations, and biased locations, as necessary. Media samples were not collected or required on bare concrete surfaces or factory painted metal/transite/etc. surfaces. Otherwise, all other painted surfaces were properly characterized per the PDSP requirements. If in-process media samples were collected in areas where the painted surfaces were removed during in-process shaving or scabbling, then these media samples were removed painted surfaces. Based on the above discussion, and in-process and PDS media samples collected to date, no further media samples are required to meet PDSP requirements for this survey unit. Both applicable in-process and PDS media samples are reported in this survey unit data summary report, and all media sample data meets PDSP unrestricted release criteria.

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PRP-N109	48	N/A	21.4	N/A	N/A	N/A
444503PRP-N110	49	N/A	56.4	50	N/A	19.3
444503PRP-N111	48	N/A	35.7	51	N/A	23.6
444503PRP-N112	49	N/A	-43.6	50	N/A	-16.4
444503PRP-N113	48	N/A	50.0	N/A	N/A	N/A
444503PRP-N114	49	N/A	70.7	51	N/A	9.3
444503PRP-N115	48	N/A	28.6	50	N/A	26.5
444503PRP-N116	49	N/A	-22.2	51	N/A	-26.4
444503PRP-N117	48	N/A	-21.4	N/A	N/A	N/A
444503PRP-N118	49	N/A	-29.3	50	N/A	-30.7
444503PRP-N119	48	N/A	57.1	N/A	N/A	N/A
444503PRP-N120	49	N/A	20.7	51	N/A	-69.3
444503PRP-N121	48	N/A	0.0	N/A	N/A	N/A
444503PRP-N122	49	N/A	49.2	N/A	N/A	N/A
444503PRP-N123	48	N/A	35.7	50	N/A	55.0
444503PRP-N124	49	N/A	-29.3	51	N/A	16.4
444503PRP-N125	48	N/A	-50.0	50	N/A	-16.4
444503PRP-N126	49	N/A	-15.0	51	N/A	45.0
444503PRP-N127	48	N/A	-7.2	50	N/A	-37.8
444503PRP-N128	49	N/A	-7.9	51	N/A	-19.3
444503PRP-N129	48	N/A	21.4	50	N/A	-9.3
444503PRP-N130	49	N/A	-36.5	51	N/A	-19.3
444503PRP-N131	48	N/A	50.0	N/A	N/A	N/A
444503PRP-N132	49	N/A	49.2	50	N/A	-2.1
444503PRP-N133	48	N/A	71.4	N/A	N/A	N/A
444503PRP-N134	49	N/A	27.8	51	N/A	-5.0
444503PRP-N135	48	N/A	42.8	N/A	N/A	N/A
444503PRP-N136	49	N/A	-29.3	N/A	N/A	N/A
444503PRP-N137	48	N/A	-21.4	50	N/A	47.9

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PRP-N138	49	N/A	6.4	N/A	N/A	N/A
444503PRP-N139	48	N/A	21.4	51	N/A	9.3
444503PRP-N140	49	N/A	-7.9	50	N/A	-37.8
444503PRP-N141	48	N/A	28.6	51	N/A	-19.3
444503PRP-N142	49	N/A	-15.0	50	N/A	-23.5
444503PRP-N143	48	N/A	35.7	51	N/A	45.0
444503PRP-N144	49	N/A	63.5	50	N/A	40.7
444503PRP-N145	48	N/A	0.0	N/A	N/A	N/A
444503PRP-N146	49	N/A	-0.8	51	N/A	16.4
444503PRP-N147	48	N/A	21.4	N/A	N/A	N/A
444503PRP-N148	49	N/A	-29.3	50	N/A	-2.1
444503PRP-N149	48	N/A	-21.4	N/A	N/A	N/A
444503PRP-N150	49	N/A	-15.0	N/A	N/A	N/A
444503PRP-N151	48	N/A	-28.6	51	N/A	-19.3
444503PRP-N152	49	N/A	49.2	50	N/A	26.5
444503PRP-N153	48	N/A	0.0	51	N/A	37.8
444503PRP-N154	49	N/A	13.5	50	N/A	-16.4
444503PRP-N155	48	N/A	14.3	51	N/A	16.4
444503PRP-N156	49	N/A	-7.9	50	N/A	-2.1
444503PRP-N157	48	N/A	-14.3	51	N/A	-12.2
444503PRP-N158	49	N/A	35.0	50	N/A	-16.4
444503PRP-N159	48	N/A	-21.4	N/A	N/A	N/A
444503PRP-N160	49	N/A	-22.2	51	N/A	-26.4
444503PRP-N161	48	N/A	42.8	N/A	N/A	N/A
444503PRP-N162	49	N/A	42.1	50	N/A	55.0
444503PRP-N163	48	N/A	-21.4	N/A	N/A	N/A
444503PRP-N164	49	N/A	-15.0	N/A	N/A	N/A
444503PRP-N165	48	N/A	-35.7	N/A	N/A	N/A
444503PRP-N166	49	N/A	-22.2	51	N/A	30.7

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PRP-N167	48	N/A	-21.4	50	N/A	-16.4
444503PRP-N168	49	N/A	-36.5	51	N/A	-40.7
444503PRP-N169	48	N/A	-14.3	50	N/A	-37.8
444503PRP-N170	49	N/A	-7.9	51	N/A	-19.3
444503PRP-N171	50	N/A	-2.1	50	N/A	19.3
444503PRP-N172	51	N/A	16.4	51	N/A	-5.0
444503PRP-N173	50	N/A	-16.4	N/A	N/A	N/A
444503PRP-N174	51	N/A	30.7	N/A	N/A	N/A
444503PRP-N175	50	N/A	40.7	50	N/A	5.0
444503PRP-N176	51	N/A	66.4	N/A	N/A	N/A
444503PRP-N177	50	N/A	-37.8	N/A	N/A	N/A
444503PRP-N178	51	N/A	-33.6	51	N/A	9.3
444503PRP-N179	50	N/A	-23.5	50	N/A	5.0
444503PRP-N180	51	N/A	-5.0	51	N/A	-19.3
444503PRP-N181	50	N/A	19.3	50	N/A	-9.3
444503PRP-N182	51	N/A	-19.3	51	N/A	23.6
444503PRP-N183	50	N/A	-9.3	50	N/A	-16.4
444503PRP-N184	51	N/A	2.1	51	N/A	-26.4
444503PRP-N185	50	N/A	12.2	50	N/A	-45.0
444503PRP-N186	51	N/A	30.7	N/A	N/A	N/A
444503PRP-N187	50	N/A	47.9	51	N/A	-55.0
444503PRP-N188	51	N/A	52.1	N/A	N/A	N/A
444503PRP-N189	50	N/A	-37.8	50	N/A	-16.4
444503PRP-N190	51	N/A	-19.3	N/A	N/A	N/A
444503PRP-N191	50	N/A	19.3	N/A	N/A	N/A
444503PRP-N192	51	N/A	9.3	51	N/A	30.7
444503PRP-N193	50	N/A	-16.4	N/A	N/A	N/A
444503PRP-N194	51	N/A	2.1	50	N/A	47.9
444503PRP-N195	50	N/A	19.3	51	N/A	37.8

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PRP-N196	51	N/A	-19.3	50	N/A	19.3
444503PRP-N197	50	N/A	-23.5	51	N/A	23.6
444503PRP-N198	51	N/A	23.6	50	N/A	33.6
444503PRP-N199	50	N/A	19.3	N/A	N/A	N/A
444503PRP-N200	51	N/A	16.4	N/A	N/A	N/A
444503PRP-N201	50	N/A	-16.4	N/A	N/A	N/A
444503PRP-N202	51	N/A	-5.0	N/A	N/A	N/A
444503PRP-N203	50	N/A	5.0	N/A	N/A	N/A
444503PRP-N204	51	N/A	-5.0	N/A	N/A	N/A
444503PRP-N205	50	N/A	12.2	N/A	N/A	N/A
444503PRP-N206	51	N/A	23.6	N/A	N/A	N/A
444503PRP-N207	31	N/A	-22.1	N/A	N/A	N/A
444503PRP-N208	31	N/A	99.3	N/A	N/A	N/A
444503PRP-N209	31	N/A	-79.3	N/A	N/A	N/A
444503PRP-N210	31	N/A	27.9	N/A	N/A	N/A
444503PRP-N211	31	N/A	27.9	N/A	N/A	N/A
444503PRP-N212	31	N/A	35.0	N/A	N/A	N/A
444503PRP-N213	31	N/A	-15.0	N/A	N/A	N/A
444503PRP-N214	31	N/A	-29.3	N/A	N/A	N/A
444503PRP-N215	31	N/A	42.2	N/A	N/A	N/A
444503PRP-N216	31	N/A	20.7	32	N/A	97.9
444503PRP-N217	31	N/A	27.9	N/A	N/A	N/A
444503PRP-N218	31	N/A	-22.1	32	N/A	-2.1
444503PRP-N219	31	N/A	-36.4	N/A	N/A	N/A
444503PRP-N220	31	N/A	-0.7	32	N/A	19.3
444503PRP-N221	31	N/A	63.6	N/A	N/A	N/A
444503PRP-N222	31	N/A	49.3	32	N/A	33.6
444503PRP-N223	31	N/A	-0.7	N/A	N/A	N/A
444503PRP-N224	31	N/A	63.6	32	N/A	47.9

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PRP-N225	31	N/A	56.4	N/A	N/A	N/A
444503PRP-N226	31	N/A	-7.8	32	N/A	12.2
444503PRP-N227	31	N/A	13.6	N/A	N/A	N/A
444503PRP-N228	31	N/A	35.0	32	N/A	33.6
444503PRP-N229	31	N/A	27.9	N/A	N/A	N/A
444503PRP-N230	31	N/A	-0.7	32	N/A	33.6
444503PRP-N231	31	N/A	63.6	32	N/A	-2.1
444503PRP-N232	31	N/A	20.7	N/A	N/A	N/A
444503PRP-N233	31	N/A	120.7	32	N/A	40.8
444503PRP-N234	31	N/A	35.0	N/A	N/A	N/A
444503PRP-N235	31	N/A	-65.0	N/A	N/A	N/A
444503PRP-N236	31	N/A	-15.0	N/A	N/A	N/A
444503PRP-N237	31	N/A	49.3	N/A	N/A	N/A
444503PRP-N238	31	N/A	-36.4	N/A	N/A	N/A
444503PRP-N239	31	N/A	-0.7	32	N/A	33.6
444503PRP-N240	31	N/A	85.0	32	N/A	62.2
444503PRP-N241	31	N/A	99.3	N/A	N/A	N/A
444503PRP-N242	31	N/A	20.7	N/A	N/A	N/A
444503PRP-N243	31	N/A	49.3	32	N/A	19.3
444503PRP-N244	31	N/A	-15.0	N/A	N/A	N/A
444503PRP-N245	31	N/A	56.4	32	N/A	33.6
444503PRP-N246	31	N/A	13.6	32	N/A	19.3
444503PRP-N247	31	N/A	63.6	32	N/A	33.6
444503PRP-N248	31	N/A	-22.1	N/A	N/A	N/A
444503PRP-N249	31	N/A	6.4	32	N/A	-9.2
444503PRP-N250	50	N/A	19.3	N/A	N/A	N/A

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PBP-N001	2	N/A	60.7	3	N/A	-0.4
444503PBP-N002	2	N/A	-17.9	3	N/A	7.6
444503PBP-N003	2	N/A	67.8	3	N/A	15.6
444503PBP-N004	2	N/A	46.4	3	N/A	35.6
444503PBP-N005	2	N/A	-3.6	3	N/A	-8.4
444503PBP-N006	2	N/A	-32.2	3	N/A	3.6
444503PBP-N007	2	N/A	-46.5	3	N/A	31.6
444503PBP-N008	2	N/A	-53.6	3	N/A	-48.4
444503PBP-N009	2	N/A	-17.9	3	N/A	-56.4
444503PBP-N010	2	N/A	46.4	3	N/A	7.6
444503PBP-N011	2	N/A	53.5	3	N/A	39.6
444503PBP-N012	2	N/A	25.0	3	N/A	-24.4
444503PBP-N014	2	N/A	-17.9	3	N/A	-52.4
444503PBP-N015	2	N/A	-60.8	3	N/A	-36.4
444503PBP-N016	2	N/A	-3.6	2	N/A	-30.0
444503PBP-N017	3	N/A	-79.3	3	N/A	-8.4
444503PBP-N018	2	N/A	10.7	2	N/A	-26.0
444503PBP-N019	3	N/A	20.7	3	N/A	-32.4
444503PBP-N020	2	N/A	-32.2	2	N/A	18.0
444503PBP-N021	3	N/A	6.4	3	N/A	-4.4
444503PBP-N022	2	N/A	-3.6	2	N/A	-14.0
444503PBP-N024	2	N/A	-3.6	2	N/A	-14.0
444503PBP-N025	3	N/A	-15.0	3	N/A	-32.4
444503PBP-N026	5	N/A	39.3	5	N/A	-54.0
444503PBP-N027	6	N/A	12.9	6	N/A	-0.8
444503PBP-N028	5	N/A	-39.2	5	N/A	-34.0
444503PBP-N029	6	N/A	-37.1	6	N/A	-12.8

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PBP-N030	5	N/A	60.8	5	N/A	38.0
444503PBP-N031	6	N/A	-37.1	6	N/A	-12.8
444503PBP-N032	5	N/A	-10.7	5	N/A	18.0
444503PBP-N033	6	N/A	-44.3	6	N/A	-16.8
444503PBP-N034	5	N/A	-39.2	5	N/A	-22.0
444503PBP-N035	6	N/A	-58.5	6	N/A	7.2
444503PBP-N036	5	N/A	-46.4	5	N/A	-58.0
444503PBP-N037	6	N/A	-22.8	6	N/A	-24.8
444503PBP-N038	5	N/A	46.5	5	N/A	22.0
444503PBP-N039	6	N/A	-94.3	6	N/A	-48.8
444503PBP-N040	5	N/A	-39.2	5	N/A	-66.0
444503PBP-N041	8	N/A	-15.7	8	N/A	-0.8
444503PBP-N042	9	N/A	-105.0	9	N/A	9.2
444503PBP-N044	9	N/A	16.4	9	N/A	29.2
444503PBP-N045	8	N/A	5.7	8	N/A	31.2
444503PBP-N046	9	N/A	23.5	9	N/A	37.2
444503PBP-N047	8	N/A	-44.3	8	N/A	-4.8
444503PBP-N048	9	N/A	-62.2	9	N/A	-2.8
444503PBP-N049	8	N/A	55.7	8	N/A	7.2
444503PBP-N050	9	N/A	59.2	9	N/A	1.2
444503PBP-N051	8	N/A	84.3	8	N/A	-4.8
444503PBP-N052	9	N/A	-97.9	9	N/A	33.2
444503PBP-N053	10	N/A	-1.4	10	N/A	19.2
444503PBP-N054	10	N/A	20.0	10	N/A	3.2
444503PBP-N055	10	N/A	77.2	10	N/A	27.2
444503PBP-N056	10	N/A	41.4	10	N/A	15.2
444503PBP-N057	10	N/A	-130.0	10	N/A	-40.8

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PBP-N058	10	N/A	70.0	10	N/A	31.2
444503PBP-N059	10	N/A	-1.4	10	N/A	19.2
444503PBP-N062	10	N/A	-15.7	10	N/A	-12.8
444503PBP-N063	10	N/A	34.3	10	N/A	31.2
444503PBP-N064	10	N/A	34.3	10	N/A	51.2
444503PBP-N065	10	N/A	-37.1	10	N/A	27.2
444503PBP-N066	10	N/A	-15.7	10	N/A	15.2
444503PBP-N067	10	N/A	-37.1	10	N/A	3.2
444503PBP-N068	14	N/A	96.4	15	N/A	-29.6
444503PBP-N069	14	N/A	-3.6	15	N/A	-29.6
444503PBP-N070	14	N/A	-60.8	15	N/A	-17.6
444503PBP-N071	14	N/A	25.0	15	N/A	-45.6
444503PBP-N072	14	N/A	53.5	15	N/A	26.4
444503PBP-N073	14	N/A	-3.6	15	N/A	-17.6
444503PBP-N074	14	N/A	46.4	15	N/A	10.4
444503PBP-N075	14	N/A	-39.3	15	N/A	-29.6
444503PBP-N076	14	N/A	-10.8	15	N/A	-65.6
444503PBP-N077	14	N/A	-110.8	15	N/A	-5.6
444503PBP-N078	14	N/A	-17.9	15	N/A	-37.6
444503PBP-N079	14	N/A	67.8	15	N/A	-21.6
444503PBP-N080	14	N/A	46.4	15	N/A	-29.6
444503PBP-N081	14	N/A	-10.8	15	N/A	-13.6
444503PBP-N082	14	N/A	53.5	15	N/A	-9.6
444503PBP-N083	17	N/A	-23.6	18	N/A	-22.0
444503PBP-N084	17	N/A	-9.3	18	N/A	34.0
444503PBP-N085	17	N/A	19.3	18	N/A	10.0
444503PBP-N086	17	N/A	5.0	18	N/A	-38.0

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Biased Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PBP-N087	17	N/A	97.8	18	N/A	26.0
444503PBP-N088	17	N/A	5.0	18	N/A	-26.0
444503PBP-N089	17	N/A	47.8	18	N/A	38.0
444503PBP-N090	17	N/A	-2.2	18	N/A	-6.0
444503PBP-N091	17	N/A	-9.3	18	N/A	-14.0
444503PBP-N092	17	N/A	33.5	18	N/A	-34.0
444503PBP-N093	17	N/A	133.5	18	N/A	2.0
444503PBP-N094	17	N/A	12.1	18	N/A	26.0
444503PBP-N095	17	N/A	83.5	18	N/A	-70.0
444503PBP-N096	17	N/A	-23.6	18	N/A	-2.0
444503PBP-N097	17	N/A	-80.7	18	N/A	-50.0
444503PBP-N098	20	N/A	-35.0	21	N/A	-21.6
444503PBP-N099	20	N/A	-20.8	21	N/A	38.4
444503PBP-N100	20	N/A	-35.0	21	N/A	6.4
444503PBP-N101	20	N/A	-56.5	21	N/A	46.4
444503PBP-N102	20	N/A	0.7	21	N/A	18.4
444503PBP-N104	20	N/A	15.0	21	N/A	-1.6
444503PBP-N105	20	N/A	-85.0	21	N/A	-1.6
444503PBP-N106	20	N/A	-49.3	21	N/A	-37.6
444503PBP-N107	20	N/A	7.8	21	N/A	6.4
444503PBP-N108	20	N/A	36.4	21	N/A	18.4

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PRP-N109	40	N/A	1,412.4	N/A	N/A	N/A
444503PRP-N110	40	N/A	1,526.1	40	N/A	1,264.0
444503PRP-N111	40	N/A	1,648.8	40	N/A	1,600.4
444503PRP-N112	43	N/A	1,626.1	44	N/A	1,136.8
444503PRP-N113	43	N/A	1,276.1	N/A	N/A	N/A
444503PRP-N114	43	N/A	1,312.4	44	N/A	1,645.9
444503PRP-N115	43	N/A	1,094.3	44	N/A	1,664.0
444503PRP-N116	43	N/A	2,444.3	44	N/A	1,573.1
444503QRP-N116	46	N/A	909.1	N/A	N/A	N/A
444503PRP-N117	43	N/A	1,398.8	N/A	N/A	N/A
444503PRP-N118	43	N/A	2,244.3	44	N/A	1,145.9
444503QRP-N118	46	N/A	1,159.1	N/A	N/A	N/A
444503PRP-N119	43	N/A	1,807.9	N/A	N/A	N/A
444503PRP-N120	40	N/A	1,248.8	40	N/A	1,200.4
444503PRP-N121	40	N/A	1,285.2	N/A	N/A	N/A
444503PRP-N122	40	N/A	1,412.4	N/A	N/A	N/A
444503PRP-N123	40	N/A	1,194.3	40	N/A	1,159.5
444503PRP-N124	40	N/A	1,321.5	40	N/A	1,427.7
444503PRP-N125	40	N/A	1,971.5	40	N/A	1,509.5
444503PRP-N126	43	N/A	1,485.2	44	N/A	1,041.3
444503PRP-N127	43	N/A	1,276.1	44	N/A	995.9
444503PRP-N128	43	N/A	1,448.8	44	N/A	1,445.9
444503PRP-N129	43	N/A	2,271.5	44	N/A	1,836.8
444503QRP-N129	46	N/A	1,590.9	N/A	N/A	N/A
444503PRP-N130	43	N/A	2,217.0	44	N/A	1,518.6
444503QRP-N130	46	N/A	1,418.2	N/A	N/A	N/A
444503PRP-N131	43	N/A	1,403.3	N/A	N/A	N/A

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PRP-N132	43	N/A	1,062.4	44	N/A	632.2
444503PRP-N133	43	N/A	1,285.2	44	N/A	N/A
444503PRP-N134	40	N/A	1,585.2	40	N/A	1,682.2
444503PRP-N135	40	N/A	1,485.2	N/A	N/A	N/A
444503PRP-N136	40	N/A	1,167.0	N/A	N/A	N/A
444503PRP-N137	40	N/A	1,021.5	40	N/A	1,604.9
444503PRP-N138	40	N/A	1,780.6	N/A	N/A	N/A
444503PRP-N139	40	N/A	1,244.3	40	N/A	1,636.8
444503PRP-N140	43	N/A	1,153.3	44	N/A	945.9
444503PRP-N141	43	N/A	1,621.5	44	N/A	1,468.6
444503PRP-N142	43	N/A	1,607.9	44	N/A	1,764.0
444503PRP-N143	43	N/A	1,726.1	44	N/A	1,827.7
444503PRP-N144	43	N/A	2,212.4	44	N/A	1,000.4
444503QRP-N144	46	N/A	977.3	N/A	N/A	N/A
444503PRP-N145	43	N/A	1,244.3	N/A	N/A	N/A
444503PRP-N146	43	N/A	1,303.3	44	N/A	991.3
444503PRP-N147	43	N/A	1,517.0	N/A	N/A	N/A
444503PRP-N148	40	N/A	1,444.3	40	N/A	1,309.5
444503PRP-N149	40	N/A	1,980.6	40	N/A	N/A
444503PRP-N150	40	N/A	885.2	N/A	N/A	N/A
444503PRP-N151	40	N/A	-64.8	40	N/A	1,523.1
444503PRP-N152	40	N/A	1,939.7	40	N/A	1,064.0
444503PRP-N153	40	N/A	1,517.0	40	N/A	1,745.9
444503PRP-N154	43	N/A	1,744.3	44	N/A	1,304.9
444503PRP-N155	43	N/A	1,212.4	44	N/A	773.1
444503PRP-N156	43	N/A	1,039.7	44	N/A	1,818.6
444503PRP-N157	43	N/A	1,635.2	44	N/A	1,754.9

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PRP-N158	43	N/A	1,512.4	44	N/A	1,200.4
444503PRP-N159	43	N/A	1,303.3	N/A	N/A	N/A
444503PRP-N160	43	N/A	803.3	44	N/A	1,009.5
444503PRP-N161	43	N/A	1,421.5	44	N/A	N/A
444503PRP-N162	40	N/A	1,276.1	40	N/A	1,000.4
444503PRP-N163	40	N/A	1,503.3	N/A	N/A	N/A
444503PRP-N164	40	N/A	1,326.1	N/A	N/A	N/A
444503PRP-N165	40	N/A	912.4	N/A	N/A	N/A
444503PRP-N166	40	N/A	1,003.3	40	N/A	1,236.8
444503PRP-N167	40	N/A	248.8	40	N/A	1,509.5
444503PRP-N168	43	N/A	1,212.4	44	N/A	964.0
444503PRP-N169	43	N/A	1,589.7	44	N/A	814.0
444503PRP-N170	43	N/A	1,298.8	44	N/A	1,473.1
444503PRP-N171	43	N/A	1,394.3	44	N/A	1,700.4
444503PRP-N172	43	N/A	1,821.5	44	N/A	1,718.6
444503PRP-N173	43	N/A	1,362.4	N/A	N/A	N/A
444503PRP-N174	43	N/A	1,657.9	44	N/A	2,073.1
444503PRP-N175	41	N/A	1,494.3	42	N/A	1,736.8
444503PRP-N176	41	N/A	1,957.9	42	N/A	N/A
444503PRP-N177	41	N/A	1,917.0	N/A	N/A	N/A
444503PRP-N178	41	N/A	1,694.3	42	N/A	1,464.0
444503PRP-N179	41	N/A	1,385.2	42	N/A	1,764.0
444503PRP-N180	41	N/A	1,448.8	42	N/A	1,400.4
444503PRP-N181	45	N/A	1,562.4	47	N/A	1,559.5
444503PRP-N182	45	N/A	1,530.6	47	N/A	1,145.9
444503PRP-N183	45	N/A	994.3	47	N/A	1,509.5
444503PRP-N184	45	N/A	1,576.1	47	N/A	1,336.8

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PRP-N185	45	N/A	848.8	47	N/A	1,618.6
444503PRP-N186	45	N/A	1,026.1	N/A	N/A	N/A
444503PRP-N187	45	N/A	1,426.1	47	N/A	1,545.9
444503PRP-N188	45	N/A	1,444.3	N/A	N/A	N/A
444503PRP-N189	41	N/A	1,480.6	42	N/A	1,118.6
444503PRP-N190	41	N/A	1,298.8	N/A	N/A	N/A
444503PRP-N191	41	N/A	1,039.7	N/A	N/A	N/A
444503PRP-N192	41	N/A	1,112.4	42	N/A	1,027.7
444503PRP-N193	41	N/A	1,267.0	N/A	N/A	N/A
444503PRP-N194	41	N/A	1,776.1	42	N/A	1,450.4
444503PRP-N195	45	N/A	1,312.4	47	N/A	1,436.8
444503PRP-N196	45	N/A	1,426.1	47	N/A	1,254.9
444503PRP-N197	45	N/A	967.0	47	N/A	1,382.2
444503PRP-N198	45	N/A	935.2	47	N/A	1,391.3
444503PRP-N199	41	N/A	1,326.1	N/A	N/A	N/A
444503PRP-N200	41	N/A	1,585.2	N/A	N/A	N/A
444503PRP-N201	41	N/A	948.8	N/A	N/A	N/A
444503PRP-N202	41	N/A	1,685.2	N/A	N/A	N/A
444503PRP-N203	41	N/A	339.7	N/A	N/A	N/A
444503PRP-N204	41	N/A	1,348.8	N/A	N/A	N/A
444503PRP-N205	41	N/A	335.2	N/A	N/A	N/A
444503PRP-N206	41	N/A	1,521.5	N/A	N/A	N/A
444503PRP-N207	25	N/A	1,280.6	N/A	N/A	N/A
444503PRP-N208	25	N/A	1,248.8	N/A	N/A	N/A
444503PRP-N209	25	N/A	1,280.6	N/A	N/A	N/A
444503PRP-N210	25	N/A	1,989.7	N/A	N/A	N/A
444503QRP-N210	33	N/A	1,186.4	N/A	N/A	N/A

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PRP-N211	25	N/A	1,639.7	N/A	N/A	N/A
444503PRP-N212	25	N/A	1,489.7	N/A	N/A	N/A
444503PRP-N213	25	N/A	1,776.1	N/A	N/A	N/A
444503PRP-N214	25	N/A	1,512.4	N/A	N/A	N/A
444503PRP-N215	25	N/A	1,357.9	N/A	N/A	N/A
444503PRP-N216	22	N/A	994.3	23	N/A	509.5
444503PRP-N217	25	N/A	1,335.2	N/A	N/A	N/A
444503PRP-N218	22	N/A	1,576.1	23	N/A	1,518.6
444503PRP-N219	25	N/A	1,185.2	N/A	N/A	N/A
444503PRP-N220	22	N/A	1,176.1	23	N/A	664.0
444503PRP-N221	25	N/A	1,848.8	N/A	N/A	N/A
444503PRP-N222	22	N/A	1,085.2	23	N/A	564.0
444503PRP-N223	25	N/A	1,567.0	N/A	N/A	N/A
444503PRP-N224	22	N/A	630.6	23	N/A	273.1
444503PRP-N225	30	N/A	2,239.7	N/A	N/A	N/A
444503PRP-N226	22	N/A	1,139.7	23	N/A	1,418.6
444503PRP-N227	30	N/A	2,067.0	N/A	N/A	N/A
444503QRP-N227	33	N/A	1,363.6	N/A	N/A	N/A
444503PRP-N228	22	N/A	1,957.9	23	N/A	1,586.8
444503PRP-N229	30	N/A	1,807.9	N/A	N/A	N/A
444503PRP-N230	22	N/A	321.5	23	N/A	1,254.9
444503PRP-N231	22	N/A	1,503.3	23	N/A	986.8
444503PRP-N232	30	N/A	2,021.5	N/A	N/A	N/A
444503PRP-N233	22	N/A	1,812.4	23	N/A	868.6
444503PRP-N234	30	N/A	4,407.9	N/A	N/A	N/A
444503PRP-N235	30	N/A	1,898.8	N/A	N/A	N/A
444503PRP-N236	30	N/A	2,303.3	N/A	N/A	N/A

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PRP-N237	30	N/A	1,971.5	N/A	N/A	N/A
444503PRP-N238	30	N/A	1,757.9	N/A	N/A	N/A
444503PRP-N239	22	N/A	1,685.2	23	N/A	1,300.4
444503PRP-N240	22	N/A	767.0	23	N/A	1,250.4
444503PRP-N241	30	N/A	2,212.4	N/A	N/A	N/A
444503PRP-N242	30	N/A	1,771.5	N/A	N/A	N/A
444503PRP-N243	22	N/A	985.2	23	N/A	886.8
444503PRP-N244	30	N/A	1,821.5	N/A	N/A	N/A
444503PRP-N245	22	N/A	971.5	23	N/A	291.3
444503PRP-N246	22	N/A	1,480.6	23	N/A	1,391.3
444503PRP-N247	22	N/A	1,821.5	23	N/A	1,073.1
444503PRP-N248	30	N/A	1,985.2	N/A	N/A	N/A
444503PRP-N249	22	N/A	2,185.2	23	N/A	1,636.8
444503QRP-N249	33	N/A	1,031.8	N/A	N/A	N/A
444503PRP-N250	43	N/A	1,721.5	N/A	N/A	N/A

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PBP-N001	1	N/A	1,073.3	1	N/A	859.6
444503PBP-N002	1	N/A	1,298.5	1	N/A	641.1
444503PBP-N003	1	N/A	1,568.8	1	N/A	1,296.4
444503PBP-N004	1	N/A	1,131.9	1	N/A	1,194.0
444503PBP-N005	1	N/A	505.7	1	N/A	938.1
444503PBP-N006	1	N/A	825.6	1	N/A	-973.2
444503PBP-N007	1	N/A	505.7	1	N/A	1,078.0
444503PBP-N008	1	N/A	960.7	1	N/A	999.5
444503PBP-N009	1	N/A	1,285.0	1	N/A	938.1
444503PBP-N010	1	N/A	1,487.7	1	N/A	1,153.1
444503PBP-N011	1	N/A	1,974.2	1	N/A	1,511.4
444503PBP-N012	1	N/A	1,402.1	1	N/A	835.7
444503PBP-N014	1	N/A	717.5	1	N/A	1,101.9
444503PBP-N015	1	N/A	1,217.5	1	N/A	938.1
444503PBP-N016	1	N/A	194.9	1	N/A	1,129.2
444503PBP-N017	1	N/A	555.3	1	N/A	845.9
444503PBP-N018	1	N/A	523.8	1	N/A	1,347.6
444503PBP-N019	1	N/A	812.0	1	N/A	1,409.1
444503PBP-N020	1	N/A	555.3	1	N/A	1,422.7
444503PBP-N021	1	N/A	879.6	1	N/A	1,347.6
444503PBP-N022	1	N/A	1,366.1	1	N/A	1,006.3
444503PBP-N024	1	N/A	1,240.0	1	N/A	1,593.4
444503PBP-N025	1	N/A	1,604.8	1	N/A	1,525.1
444503PBP-N026	4	N/A	1,489.8	4	N/A	1,409.1
444503PBP-N027	4	N/A	1,403.4	4	N/A	1,460.3
444503PBP-N028	4	N/A	1,898.9	4	N/A	1,576.3
444503PBP-N029	4	N/A	2,335.2	4	N/A	1,422.7

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PBP-N030	4	N/A	1,371.6	4	N/A	1,501.2
444503PBP-N031	4	N/A	1,253.4	4	N/A	989.3
444503PBP-N032	4	N/A	1,771.6	4	N/A	1,589.9
444503PBP-N033	4	N/A	912.5	4	N/A	1,231.6
444503PBP-N034	4	N/A	1,130.7	4	N/A	1,818.6
444503PBP-N035	4	N/A	1,121.6	4	N/A	1,334.0
444503PBP-N036	4	N/A	1,371.6	4	N/A	1,627.5
444503PBP-N037	4	N/A	1,676.1	4	N/A	1,166.7
444503PBP-N038	4	N/A	989.8	4	N/A	897.1
444503PBP-N039	4	N/A	1,062.5	4	N/A	873.2
444503PBP-N040	4	N/A	848.9	4	N/A	501.2
444503PBP-N041	7	N/A	1,285.2	7	N/A	296.4
444503PBP-N042	7	N/A	994.3	7	N/A	1,078.0
444503PBP-N044	7	N/A	108.0	7	N/A	463.7
444503PBP-N045	7	N/A	739.8	7	N/A	743.5
444503PBP-N046	7	N/A	553.4	7	N/A	886.9
444503PBP-N047	7	N/A	1,489.8	7	N/A	579.7
444503PBP-N048	7	N/A	417.0	7	N/A	692.3
444503PBP-N049	7	N/A	1,217.0	7	N/A	924.4
444503PBP-N050	7	N/A	398.9	7	N/A	1,166.7
444503PBP-N051	7	N/A	2,894.3	7	N/A	1,371.5
444503PBP-N052	7	N/A	2,844.3	7	N/A	743.5
444503PBP-N053	12	N/A	1,898.9	12	N/A	1,129.2
444503PBP-N054	12	N/A	2,317.0	12	N/A	1,026.8
444503PBP-N055	12	N/A	1,048.9	12	N/A	1,142.8
444503PBP-N056	12	N/A	926.1	12	N/A	1,306.7
444503PBP-N057	12	N/A	1,148.9	12	N/A	1,122.4

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PBP-N058	12	N/A	2,276.1	12	N/A	1,245.2
444503PBP-N059	12	N/A	1,594.3	12	N/A	1,320.3
444503PBP-N062	12	N/A	1,385.2	12	N/A	1,153.1
444503PBP-N063	12	N/A	1,321.6	12	N/A	1,026.8
444503PBP-N064	12	N/A	1,967.0	12	N/A	1,142.8
444503PBP-N065	12	N/A	1,403.4	12	N/A	1,163.3
444503PBP-N066	12	N/A	1,421.6	12	N/A	808.4
444503PBP-N067	12	N/A	1,321.6	12	N/A	1,129.2
444503PBP-N068	13	N/A	1,117.0	13	N/A	1,153.1
444503PBP-N069	13	N/A	176.1	13	N/A	630.9
444503PBP-N070	13	N/A	1,398.9	13	N/A	589.9
444503PBP-N071	13	N/A	1,780.7	13	N/A	743.5
444503PBP-N072	13	N/A	1,267.0	13	N/A	1,050.7
444503PBP-N073	13	N/A	1,198.9	13	N/A	1,091.7
444503PBP-N074	13	N/A	789.8	13	N/A	835.7
444503PBP-N075	13	N/A	1,730.7	13	N/A	886.9
444503PBP-N076	13	N/A	1,389.8	13	N/A	1,156.5
444503PBP-N077	13	N/A	1,680.7	13	N/A	931.2
444503PBP-N078	13	N/A	1,489.8	13	N/A	1,310.1
444503PBP-N079	13	N/A	1,798.9	13	N/A	859.6
444503PBP-N080	13	N/A	1,980.7	13	N/A	1,040.5
444503PBP-N081	13	N/A	1,326.1	13	N/A	1,108.7
444503PBP-N082	13	N/A	1,508.0	13	N/A	1,064.3
444503PBP-N083	16	N/A	789.8	16	N/A	1,255.5
444503PBP-N084	16	N/A	1,421.6	16	N/A	1,217.9
444503PBP-N085	16	N/A	980.7	16	N/A	1,177.0
444503PBP-N086	16	N/A	1,048.9	16	N/A	426.1

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Survey Area: VIA 5	Survey Unit: 444503	Building: 444

Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls and Ceiling, except LLW areas

Biased Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Biased Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444503PBP-N087	16	N/A	708.0	16	N/A	1,078.0
444503PBP-N088	16	N/A	1,703.4	16	N/A	1,255.5
444503PBP-N089	16	N/A	2,258.0	16	N/A	1,013.2
444503PBP-N090	16	N/A	1,539.8	16	N/A	1,139.4
444503PBP-N091	16	N/A	1,408.0	16	N/A	962.0
444503PBP-N092	16	N/A	558.0	16	N/A	600.2
444503PBP-N093	16	N/A	2,171.6	16	N/A	1,665.0
444503PBP-N094	16	N/A	944.3	16	N/A	1,334.0
444503PBP-N095	16	N/A	1,458.0	16	N/A	1,101.9
444503PBP-N096	16	N/A	2,326.1	16	N/A	1,654.8
444503PBP-N097	16	N/A	1,385.2	16	N/A	1,231.6
444503PBP-N098	19	N/A	758.0	19	N/A	962.0
444503PBP-N099	19	N/A	1,048.9	19	N/A	1,456.8
444503PBP-N100	19	N/A	1,148.9	19	N/A	941.5
444503PBP-N101	19	N/A	1,594.3	19	N/A	1,078.0
444503PBP-N102	19	N/A	1,798.9	19	N/A	1,204.3
444503PBP-N104	19	N/A	1,798.9	19	N/A	654.8
444503PBP-N105	19	N/A	721.6	19	N/A	1,040.5
444503PBP-N106	19	N/A	603.4	19	N/A	1,043.9
444503PBP-N107	19	N/A	621.6	19	N/A	1,204.3
444503PBP-N108	19	N/A	1,039.8	19	N/A	1,047.3

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Survey Unit 444503 Media Samples

Map Loc	BLDG	VIA	Room	Sample Location Description	Media Type	Random or Biased	Suvey Unit Package #	Sample RIN#	Sample Result (dpm/100cm^2)
1	444	5	106	wall 1 ft high	Paint Chips	Biased	444503	N/A	22.7
2	444	5	106	wall 6 ft high	Paint Chips	Biased	444503	N/A	16.8
3	444	5	106	wall 1 ft high	Paint Chips	Biased	444503	N/A	97.4
4	444	5	106	wall 6 ft high	Paint Chips	Biased	444503	N/A	37.8
5	444	5	106	wall 1 ft high	Paint Chips	Biased	444503	N/A	4.0
6	444	5	106	wall 6 ft high	Paint Chips	Biased	444503	N/A	13.3
7	444	5	106	wall 1 ft high	Paint Chips	Biased	444503	N/A	3.1
8	444	5	106	wall 6 ft high	Paint Chips	Biased	444503	N/A	142.3
9	444	5	106	wall 1 ft high	Paint Chips	Biased	444503	N/A	41.3
10	444	5	106	wall 6 ft high	Paint Chips	Biased	444503	N/A	18.5
11	444	5	106	wall 1 ft high	Paint Chips	Biased	444503	N/A	51.2
12	444	5	106	wall 6 ft high	Paint Chips	Biased	444503	N/A	34.6
14	444	5	106	wall 6 ft high	Paint Chips	Biased	444503	N/A	27.2
15	444	5	106	wall 1 ft high	Paint Chips	Biased	444503	N/A	150.6
16	444	5	106B	wall 6 ft high	Paint Chips	Biased	444503	N/A	222.1
17	444	5	106B	wall 1 ft high	Paint Chips	Biased	444503	N/A	158.0
18	444	5	106B	wall 6 ft high	Paint Chips	Biased	444503	N/A	1.0
19	444	5	106B	wall 1 ft high	Paint Chips	Biased	444503	N/A	9.7
20	444	5	106B	wall 6 ft high	Paint Chips	Biased	444503	N/A	91.2
21	444	5	106B	wall 1 ft high	Paint Chips	Biased	444503	N/A	6.4
22	444	5	106	wall 6 ft high	Paint Chips	Biased	444503	N/A	0.6
24	444	5	106	wall 6 ft high	Paint Chips	Biased	444503	N/A	1102.3
25	444	5	106	wall 1 ft high	Paint Chips	Biased	444503	N/A	253.0
26	444	5	106	wall 6 ft high	Paint Chips	Biased	444503	N/A	7.4
27	444	5	106	wall 1 ft high	Paint Chips	Biased	444503	N/A	55.7
28	444	5	106	wall 6 ft high	Paint Chips	Biased	444503	N/A	16.8
29	444	5	106	wall 1 ft high	Paint Chips	Biased	444503	N/A	21.1
30	444	5	106C	wall 4 ft high	Paint Chips	Biased	444503	N/A	-17.1
31	444	5	106C	wall 6 ft high	Paint Chips	Biased	444503	N/A	17.4
32	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	-36.3
33	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	13.7
34	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	4.0
35	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	7.5
36	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	39.2
37	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	88.0
38	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	3.1
39	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	119.4
40	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	57.4
41	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	16.8
42	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	79.3
44	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	2652.1
45	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	128.6
46	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	95.8
47	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	337.4
48	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	83.9
49	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	126.2
50	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	1264.3
51	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	57.3

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Survey Unit 444503 Media Samples

Map Loc	BLDG	VIA	Room	Sample Location Description	Media Type	Random or Biased	Suvey Unit Package #	Sample RIN#	Sample Result (dpm/100cm^2)
52	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	213.6
53	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	59.0
54	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	269.2
55	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	91.2
56	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	7.8
57	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	166.0
58	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	33.4
59	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	214.2
62	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	166.7
63	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	31.9
64	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	20.3
65	444	5	107	wall 6 ft high	Paint Chips	Biased	444503	N/A	64.0
66	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	157.8
67	444	5	107	wall 1 ft high	Paint Chips	Biased	444503	N/A	126.6
68	444	5	107	wall 18 ft high	Paint Chips	Biased	444503	N/A	-14.5
69	444	5	107	wall 15 ft high	Paint Chips	Biased	444503	N/A	47.6
70	444	5	107	wall 12 ft high	Paint Chips	Biased	444503	N/A	50.6
71	444	5	107	wall 13 ft high	Paint Chips	Biased	444503	N/A	-9.2
72	444	5	107	ceiling	Paint Chips	Biased	444503	N/A	-38.5
73	444	5	107	ceiling	Paint Chips	Biased	444503	N/A	110.7
74	444	5	107	wall 11 ft high	Paint Chips	Biased	444503	N/A	37.1
75	444	5	107	ceiling	Paint Chips	Biased	444503	N/A	-32.0
76	444	5	107	wall 12 ft high	Paint Chips	Biased	444503	N/A	-11.6
77	444	5	107	ceiling	Paint Chips	Biased	444503	N/A	31.5
78	444	5	107	wall 12 ft high	Paint Chips	Biased	444503	N/A	56.9
79	444	5	107	ceiling	Paint Chips	Biased	444503	N/A	8.6
80	444	5	107	wall 12 ft high	Paint Chips	Biased	444503	N/A	49.4
81	444	5	107	ceiling	Paint Chips	Biased	444503	N/A	19.5
82	444	5	107	ceiling	Paint Chips	Biased	444503	N/A	5.5
83	444	5	107	ceiling	Paint Chips	Biased	444503	N/A	51.4
84	444	5	107	ceiling	Paint Chips	Biased	444503	N/A	112.2
85	444	5	107	ceiling	Paint Chips	Biased	444503	N/A	88.2
86	444	5	107	ceiling	Paint Chips	Biased	444503	N/A	-4.8
87	444	5	107	ceiling	Paint Chips	Biased	444503	N/A	47.6
88	444	5	106	ceiling	Paint Chips	Biased	444503	N/A	-15.7
89	444	5	106	ceiling	Paint Chips	Biased	444503	N/A	23.8
90	444	5	106	ceiling	Paint Chips	Biased	444503	N/A	-17.6
91	444	5	106	ceiling	Paint Chips	Biased	444503	N/A	125.0
92	444	5	106	ceiling	Paint Chips	Biased	444503	N/A	105.4
93	444	5	106	ceiling	Paint Chips	Biased	444503	N/A	-9.6
94	444	5	106	ceiling	Paint Chips	Biased	444503	N/A	-22.0
95	444	5	106	ceiling	Paint Chips	Biased	444503	N/A	1.1
96	444	5	106	ceiling	Paint Chips	Biased	444503	N/A	29.4
97	444	5	106	ceiling	Paint Chips	Biased	444503	N/A	-74.1
98	444	5	106B	wall 9 ft high	Paint Chips	Biased	444503	N/A	-7.4
99	444	5	106B	ceiling	Paint Chips	Biased	444503	N/A	12.8
100	444	5	106B	wall 10 ft high	Paint Chips	Biased	444503	N/A	19.5
101	444	5	106B	ceiling	Paint Chips	Biased	444503	N/A	-14.7

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Survey Unit 444503 Media Samples

Map Loc	BLDG	VIA	Room	Sample Location Description	Media Type	Random or Biased	Suvey Unit Package #	Sample RIN#	Sample Result (dpm/100cm^2)
102	444	5	106B	ceiling	Paint Chips	Biased	444503	N/A	137.7
104	444	5	106	wall 10 ft high	Paint Chips	Biased	444503	N/A	57.3
105	444	5	106	wall 10 ft high	Paint Chips	Biased	444503	N/A	29.0
106	444	5	107	wall 15 ft high	Paint Chips	Biased	444503	N/A	19.8
107	444	5	107	wall 10 ft high	Paint Chips	Biased	444503	N/A	59.5
108	444	5	107	wall 10 ft high	Paint Chips	Biased	444503	N/A	43.0
110	444	5	107	wall 10 ft high	Paint Chips	Random	444503	N/A	41.3
111	444	5	107	wall 20 ft high	Paint Chips	Random	444503	N/A	-11.9
112	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-14.4
114	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	68.0
115	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	0.4
116	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-33.5
118	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-11.9
120	444	5	107	wall 20 ft high	Paint Chips	Random	444503	N/A	3.3
123	444	5	107	Wall 1 ft high	Paint Chips	Random	444503	N/A	175.7
124	444	5	107	wall 10 ft high	Paint Chips	Random	444503	N/A	29.6
125	444	5	107	wall 20 ft high	Paint Chips	Random	444503	N/A	50.9
126	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	44.5
127	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-79.8
128	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	0.5
129	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	4.5
130	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-39.8
132	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	16.0
134	444	5	107	wall 20 ft high	Paint Chips	Random	444503	N/A	15.5
137	444	5	107	Wall 1 ft high	Paint Chips	Random	444503	N/A	83.7
139	444	5	107	wall 20 ft high	Paint Chips	Random	444503	N/A	129.0
140	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	55.4
141	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	112.3
142	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-5.2
143	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-3.8
144	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-31.4
146	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-13.0
148	444	5	107	wall 20 ft high	Paint Chips	Random	444503	N/A	-8.3
151	444	5	107	Wall 1 ft high	Paint Chips	Random	444503	N/A	61.7
152	444	5	107	wall 10 ft high	Paint Chips	Random	444503	N/A	44.0
153	444	5	107	wall 20 ft high	Paint Chips	Random	444503	N/A	-3.7
154	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-29.8
155	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-14.4
156	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	3.3
157	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-15.2
158	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	9.8
160	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-20.7
162	444	5	107	wall 20 ft high	Paint Chips	Random	444503	N/A	7.7
166	444	5	107	wall 10 ft high	Paint Chips	Random	444503	N/A	12.0
167	444	5	107	wall 20 ft high	Paint Chips	Random	444503	N/A	123.7
168	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-9.4
169	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-55.8
170	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	8.9

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Survey Unit 444503 Media Samples

Map Loc	BLDG	VIA	Room	Sample Location Description	Media Type	Random or Biased	Suvey Unit Package #	Sample RIN#	Sample Result (dpm/100cm^2)
171	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	200.7
172	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	93.7
175	444	5	107	wall 20 ft high	Paint Chips	Random	444503	N/A	323.8
178	444	5	107	Wall 1 ft high	Paint Chips	Random	444503	N/A	3.6
179	444	5	107	wall 10 ft high	Paint Chips	Random	444503	N/A	74.4
180	444	5	107	wall 20 ft high	Paint Chips	Random	444503	N/A	57.6
181	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-8.5
182	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	22.9
183	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	58.0
184	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	25.6
185	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-11.5
187	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	24.2
189	444	5	107	wall 20 ft high	Paint Chips	Random	444503	N/A	175.4
192	444	5	107	Wall 1 ft high	Paint Chips	Random	444503	N/A	15.6
194	444	5	107	wall 20 ft high	Paint Chips	Random	444503	N/A	20.4
195	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-3.7
196	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-17.9
197	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	109.4
198	444	5	107	Ceiling	Paint Chips	Random	444503	N/A	-4.2
216	444	5	106	Wall 6 ft up	Paint Chips	Random	444503	N/A	7.0
218	444	5	106	Wall 6 ft up	Paint Chips	Random	444503	N/A	356.0
220	444	5	106	Wall 9 ft up	Paint Chips	Random	444503	N/A	150.3
222	444	5	106	Wall 9 ft up	Paint Chips	Random	444503	N/A	18.1
224	444	5	106	Wall 9 ft up	Paint Chips	Random	444503	N/A	2202.4
226	444	5	106	Ceiling	Paint Chips	Random	444503	N/A	-21.4
228	444	5	106	Ceiling	Paint Chips	Random	444503	N/A	26.8
230	444	5	106	Ceiling	Paint Chips	Random	444503	N/A	235.7
231	444	5	106	Ceiling	Paint Chips	Random	444503	N/A	-1.6
233	444	5	106	Ceiling	Paint Chips	Random	444503	N/A	6.8
239	444	5	106	Ceiling	Paint Chips	Random	444503	N/A	62.5
240	444	5	106	Ceiling	Paint Chips	Random	444503	N/A	25.2
243	444	5	106	Ceiling	Paint Chips	Random	444503	N/A	38.8
245	444	5	106	Ceiling	Paint Chips	Random	444503	N/A	89.1
246	444	5	106	Ceiling	Paint Chips	Random	444503	N/A	49.7
247	444	5	106B	Ceiling	Paint Chips	Random	444503	N/A	165.8
249	444	5	104D	Ceiling	Paint Chips	Random	444503	N/A	3.9

MIN	-79.8
MAX	2652.1
MEAN	87.5
SD	286.7
DCGLW =	5000.0

Note ** If N/A is listed for 'Sample RIN#' then the samples were counted on the BC-4 instead of Gamma Spectroscopy.

rev. 1 The reported sample results are for uranium isotopes only. Transuranic isotope results are not required for building 444.

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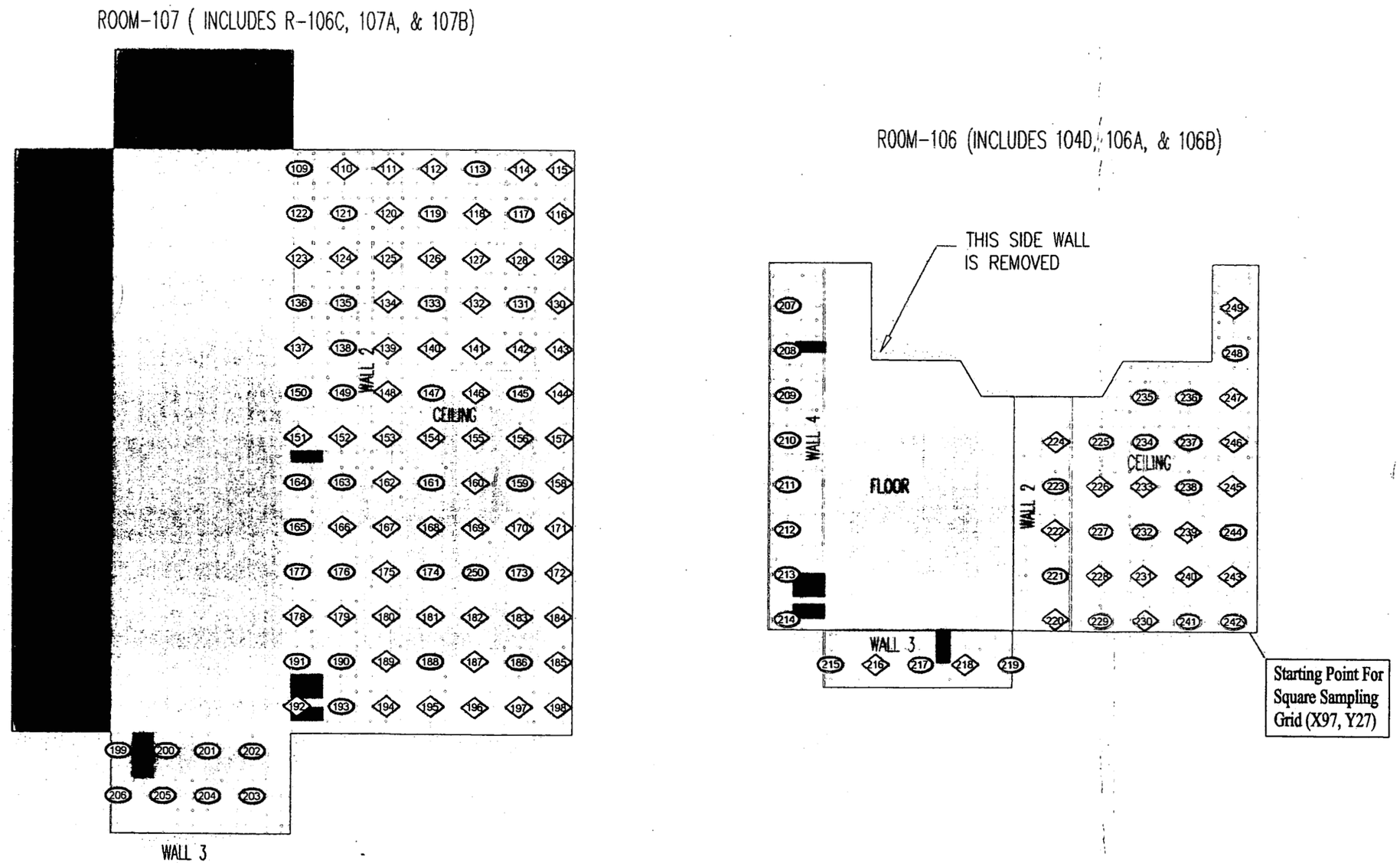

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-5 Survey Unit: 444503 Classification: 1

Survey Area/Unit Description: Building 444 VIA # 5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A, & 107B, Walls & Ceiling, except LLW areas.

Ceiling Area: 772 sq.m Total Area: 1,246 sq.m Grid Spacing for Survey Area: 3 m x 3 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Low Level Waste Area
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 24
0 METERS 7.5

1 inch = 24 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444503 SHT 01.DWG | Sheet 1 of 1 | Rev: 0

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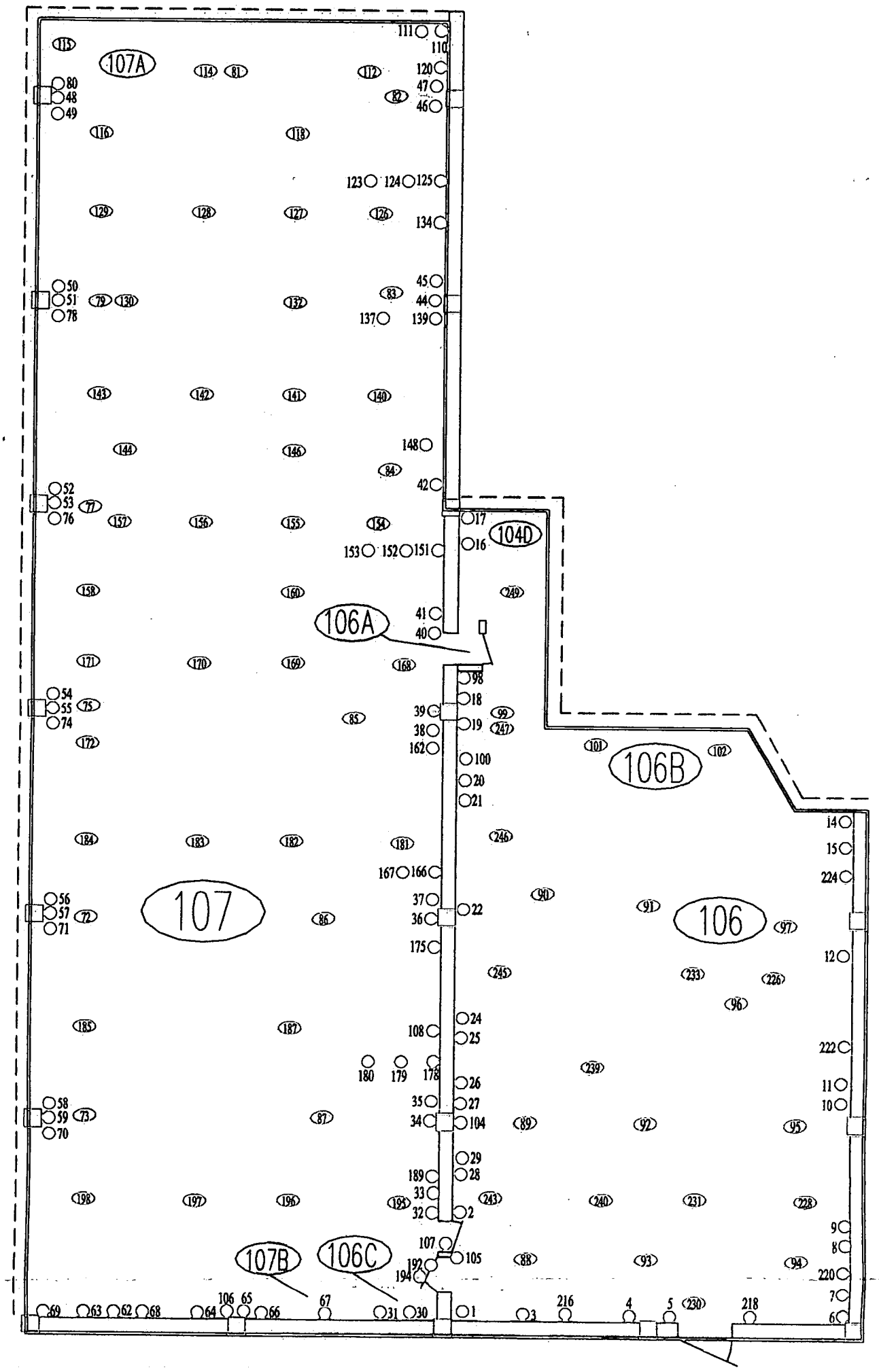
PRE-DEMOLITION MEDIA SAMPLING MAP

BLDG: 444 Survey Area: VIA-5 Survey Unit: 444503 Classification: 1

Survey Area/Unit Description: Building 444 VIA #5, Rooms 104D, 106, 106A, 106B, 106C, 107, 107A & 107B, Walls and Ceiling, except LLW Areas

Floor Area: 722 sq.m Total Area: 1,246 sq.m Scale: 1 inch = 12 feet Date: 01/25/2005



SURVEY POINT LEGEND

- □# Floor Sample Location
- ⬭# Ceiling Sample Lacation
- ○# Wall Sample Location
- – – Wall Removed

N

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: MEDIA_444503_D.DWG | Sheet 1 of 1 | Rev: 0

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Survey Area: VIA 5	Survey Unit: 444504	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls >2 meters and Ceiling, except LLW areas

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 17
Nbr Random Measurements Performed: 31
Nbr Biased Measurements Required: 0
Nbr Biased Measurements Performed: 0
Nbr QC Required: 2
Nbr QC Performed: 2

Beta

Maximum:	1,435.0 dpm/100cm²
Minimum:	84.0 dpm/100cm²
Mean:	763.5 dpm/100cm²
Standard Deviation:	299.9
QC Maximum:	829.5 dpm/100cm²
QC Minimum:	556.8 dpm/100cm²
QC Mean:	693.1 dpm/100cm²
Uranium DCGL$_W$:	5,000.0 dpm/100cm²
Uranium DCGL$_{EMC}$:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 17
Nbr Random Measurements Performed: 31
Nbr Biased Measurements Required: 0
Nbr Biased Measurements Performed: 0

Beta

Maximum:	180.0 dpm/100cm²
Minimum:	-83.6 dpm/100cm²
Mean:	2.6 dpm/100cm²
Standard Deviation:	56.5
Uranium DCGL$_W$:	1,000.0

Media Sample Results

Nbr Random Required: 31
Nbr Random Collected: 31
Nbr Biased Required: 0
Nbr Biased Collected: 0

Uranium

Maximum:	606 dpm/100cm²
Minimum:	-40 dpm/100cm²
Mean:	55 dpm/100cm²
Standard Deviation:	118
Uranium DCGL$_W$:	5,000 dpm/100cm²
Uranium DCGL$_{EMC}$:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGL$_W$:	100 dpm/100cm²
Transuranic DCGL$_{EMC}$:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

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Survey Area: VIA 5	Survey Unit: 444504	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls >2 meters and Ceiling, except LLW areas

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency		A-Priori MDA (dpm/100cm²)		Survey Type
							Alpha	Beta	Alpha	Beta	
1	700831	11/04/04	Electra	3104	DP-6	03/17/05	NA	0.220	NA	745.0	T/S
2	711447	11/08/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
3	700831	11/12/04	Electra	1672	DP-6	04/28/05	NA	0.220	NA	745.0	T/S
4	711447	11/12/04	BC-4	704	NA	10/14/05	NA	0.140	NA	258.0	R
5	712467	12/03/04	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	S
6	700831	12/03/04	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	T/S
7	711447	12/06/04	Electra	1235	DP-6	03/16/05	NA	0.220	NA	745.0	T/Q
8	712467	12/06/04	Electra	2340	DP-6	05/15/05	NA	0.220	NA	745.0	T/S
9	700831	12/06/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
10	712467	12/06/04	Electra	660	DP-8	04/19/05	NA	0.160	NA	745.0	S

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 5	Survey Unit: 444504	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls >2 meters and Ceiling, except LLW areas

Comments Sheet

General Comments: N/A

TSA Comments:

RSA Comments: N/A

Media Comments: Media samples were collected at each TSA/RSA location.

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Survey Area: VIA 5	Survey Unit: 444504	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls >2 meters and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444504PRP-N001	2	N/A	-83.6	2	N/A	-12.1
444504PRP-N002	2	N/A	37.9	2	N/A	-19.3
444504PRP-N003	2	N/A	-12.1	2	N/A	37.9
444504PRP-N004	2	N/A	-47.9	2	N/A	-55.0
444504PRP-N005	2	N/A	-26.4	2	N/A	-55.0
444504PRP-N006	2	N/A	-62.1	2	N/A	-62.1
444504PRP-N007	2	N/A	-5.0	2	N/A	-5.0
444504PRP-N008	2	N/A	45.0	2	N/A	45.0
444504PRP-N009	2	N/A	-76.4	2	N/A	-76.4
444504PRP-N010	9	N/A	-17.2	9	N/A	18.6
444504PRP-N011	9	N/A	47.1	9	N/A	54.3
444504PRP-N012	9	N/A	32.8	9	N/A	118.6
444504PRP-N013	9	N/A	-17.2	9	N/A	-38.6
444504PRP-N014	9	N/A	-81.4	9	N/A	-81.4
444504PRP-N015	9	N/A	32.8	9	N/A	-38.6
444504PRP-N016	9	N/A	68.6	9	N/A	68.6
444504PRP-N017	9	N/A	11.4	9	N/A	40.0
444504PRP-N018	9	N/A	-67.2	9	N/A	-17.2
444504PRP-N019	4	N/A	-41.4	4	N/A	-27.2
444504PRP-N020	4	N/A	8.6	4	N/A	-20.0
444504PRP-N021	4	N/A	-62.9	4	N/A	58.6
444504PRP-N022	4	N/A	-41.4	4	N/A	-27.2
444504PRP-N023	4	N/A	94.3	4	N/A	180.0
444504PRP-N024	4	N/A	87.1	4	N/A	-70.0
444504PRP-N025	4	N/A	101.4	4	N/A	-34.3
444504PRP-N026	4	N/A	-48.6	4	N/A	15.7
444504PRP-N027	4	N/A	30.0	4	N/A	37.1
444504PRP-N028	4	N/A	15.7	4	N/A	22.8
444504PRP-N029	4	N/A	80.0	4	N/A	44.3

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Survey Area: VIA 5	Survey Unit: 444504	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls >2 meters and Ceiling, except LLW areas

Random Removable Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444504PRP-N030	4	N/A	65.7	4	N/A	-5.7
444504PRP-N031	9	N/A	18.6	9	N/A	-24.3

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Survey Area: VIA 5	Survey Unit: 444504	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls >2 meters and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444504PRP-N001	1	N/A	820.3	1	N/A	1,216.9
444504PRP-N002	1	N/A	565.8	1	N/A	753.2
444504PRP-N003	1	N/A	761.3	1	N/A	876.0
444504PRP-N004	1	N/A	752.2	1	N/A	962.3
444504PRP-N005	1	N/A	656.7	1	N/A	880.5
444504PRP-N006	1	N/A	629.4	1	N/A	962.3
444504PRP-N007	1	N/A	852.2	1	N/A	876.0
444504QRP-N007	7	N/A	556.8	N/A	N/A	N/A
444504PRP-N008	1	N/A	784.0	1	N/A	753.2
444504PRP-N009	1	N/A	852.2	1	N/A	1,216.9
444504PRP-N010	7	N/A	374.9	7	N/A	339.6
444504QRP-N011	7	N/A	829.5	N/A	N/A	N/A
444504PRP-N011	8	N/A	1,270.3	8	N/A	1,412.3
444504PRP-N012	7	N/A	174.9	7	N/A	1,271.4
444504PRP-N013	8	N/A	952.2	8	N/A	1,053.2
444504PRP-N014	7	N/A	629.4	7	N/A	698.7
444504PRP-N015	8	N/A	438.5	8	N/A	453.2
444504PRP-N016	7	N/A	438.5	7	N/A	771.4
444504PRP-N017	8	N/A	370.3	8	N/A	362.3
444504PRP-N018	7	N/A	84.0	7	N/A	289.6
444504PRP-N019	3	N/A	711.3	3	N/A	980.5
444504PRP-N020	3	N/A	611.3	3	N/A	862.3
444504PRP-N021	3	N/A	465.8	3	N/A	457.8
444504PRP-N022	3	N/A	684.0	3	N/A	1,044.1
444504PRP-N023	3	N/A	884.0	3	N/A	680.5
444504PRP-N024	3	N/A	674.9	3	N/A	1,435.0
444504PRP-N025	3	N/A	938.5	3	N/A	1,089.6

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Survey Area: VIA 5	Survey Unit: 444504	Building: 444

Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C, and Elevator 1 & 2, Walls >2 meters and Ceiling, except LLW areas

Random/QC Total Surface Activity Data Sheet

	Pre Media Sample Data			Post Media Sample Data		
Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)
444504PRP-N026	3	N/A	902.2	3	N/A	976.0
444504PRP-N027	3	N/A	1,015.8	3	N/A	1,230.5
444504PRP-N028	3	N/A	720.3	3	N/A	462.3
444504PRP-N029	3	N/A	602.2	3	N/A	789.6
444504PRP-N030	3	N/A	538.5	3	N/A	1,107.8
444504PRP-N031	8	N/A	370.3	8	N/A	544.1

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Building 444 Survey Unit 444504
Media Sample Results Table

Map Location	BLDG	VIA	Room	Sample Location Description	Media Type	Random or Biased	Suvey Unit Package #	Sample RIN#	Sample Result (dpm/100cm2)
1	444	5	103	Ceiling	Paint Chips	Random	444504	N/A	-15.0
2	444	5	104C	Ceiling	Paint Chips	Random	444504	N/A	-3.4
3	444	5	104	Ceiling	Paint Chips	Random	444504	N/A	19.4
4	444	5	104C	Ceiling	Paint Chips	Random	444504	N/A	-2.4
5	444	5	104	Ceiling	Paint Chips	Random	444504	N/A	22.2
6	444	5	104	Ceiling	Paint Chips	Random	444504	N/A	9.8
7	444	5	104	Ceiling	Paint Chips	Random	444504	N/A	114.6
8	444	5	104	Ceiling	Paint Chips	Random	444504	N/A	-7.0
9	444	5	103	Ceiling	Paint Chips	Random	444504	N/A	1.7
10	444	5	109	Wall 12 feet up	Paint Chips	Random	444504	N/A	192.9
11	444	5	109	Wall 12 feet up	Paint Chips	Random	444504	N/A	127.6
12	444	5	109	Wall 12 feet up	Paint Chips	Random	444504	N/A	49.7
13	444	5	109	Wall 12 feet up	Paint Chips	Random	444504	N/A	10.6
14	444	5	109B	Wall 12 feet up	Paint Chips	Random	444504	N/A	-6.7
15	444	5	109A	Wall 12 feet up	Paint Chips	Random	444504	N/A	-20.1
16	444	5	109A	Wall 12 feet up	Paint Chips	Random	444504	N/A	10.3
17	444	5	109A	Wall 9 feet up	Paint Chips	Random	444504	N/A	68.7
18	444	5	109A	Wall 9 foot up	Paint Chips	Random	444504	N/A	37.1
19	444	5	109A	Ceiling	Paint Chips	Random	444504	N/A	27.4
20	444	5	109B	Ceiling	Paint Chips	Random	444504	N/A	-14.4
21	444	5	109	Ceiling	Paint Chips	Random	444504	N/A	60.1
22	444	5	109	Ceiling	Paint Chips	Random	444504	N/A	2.2
23	444	5	109	Ceiling	Paint Chips	Random	444504	N/A	24.0
24	444	5	109	Ceiling	Paint Chips	Random	444504	N/A	-39.5
25	444	5	109	Ceiling	Paint Chips	Random	444504	N/A	9.8
26	444	5	109	Ceiling	Paint Chips	Random	444504	N/A	-2.1
27	444	5	109	Ceiling	Paint Chips	Random	444504	N/A	605.7
28	444	5	109	Ceiling	Paint Chips	Random	444504	N/A	203.2
29	444	5	109A	Ceiling	Paint Chips	Random	444504	N/A	42.5
30	444	5	109A	Ceiling	Paint Chips	Random	444504	N/A	77.2
31	444	5	109	Wall 10 foot up	Paint Chips	Random	444504	N/A	111.3
								MIN	-39.5
								MAX	605.7
								MEAN	55.4
								SD	117.9
								DCGLW =	5000.0

Note ** If N/A is listed for 'Sample RIN#' then the samples were counted on the BC-4 instead of Gamma Spectroscopy.

Media samples were collected at each random TSA/RSA location.

rev. 1 The reported sample results are for uranium isotopes only. Transuranic isotope results are not required for building 444.

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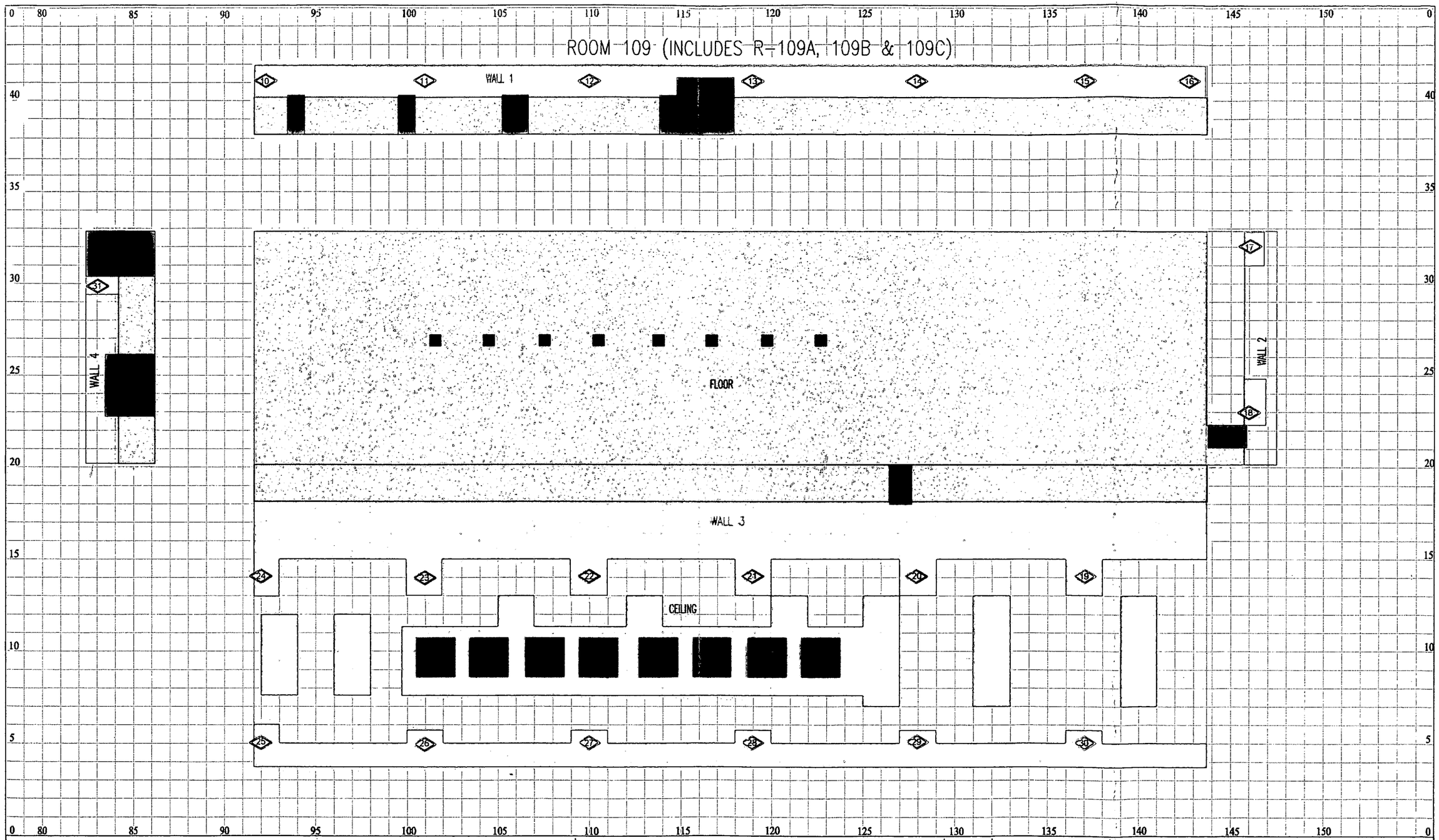

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-5 Survey Unit: 444504 Classification: 2

Survey Area/Unit Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B & 109C, and Elevator 1 & 2, Walls > 2 meters and Ceiling, except LLW Areas

Floor Area: 1,133 sq.m Total Area: 1,503 sq.m Grid Spacing for Survey Area: 9 m x 9 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Low Level Waste Area
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16
0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS 444504 SHT 01.DWG | Sheet: 1 of 3 | Rev: 0

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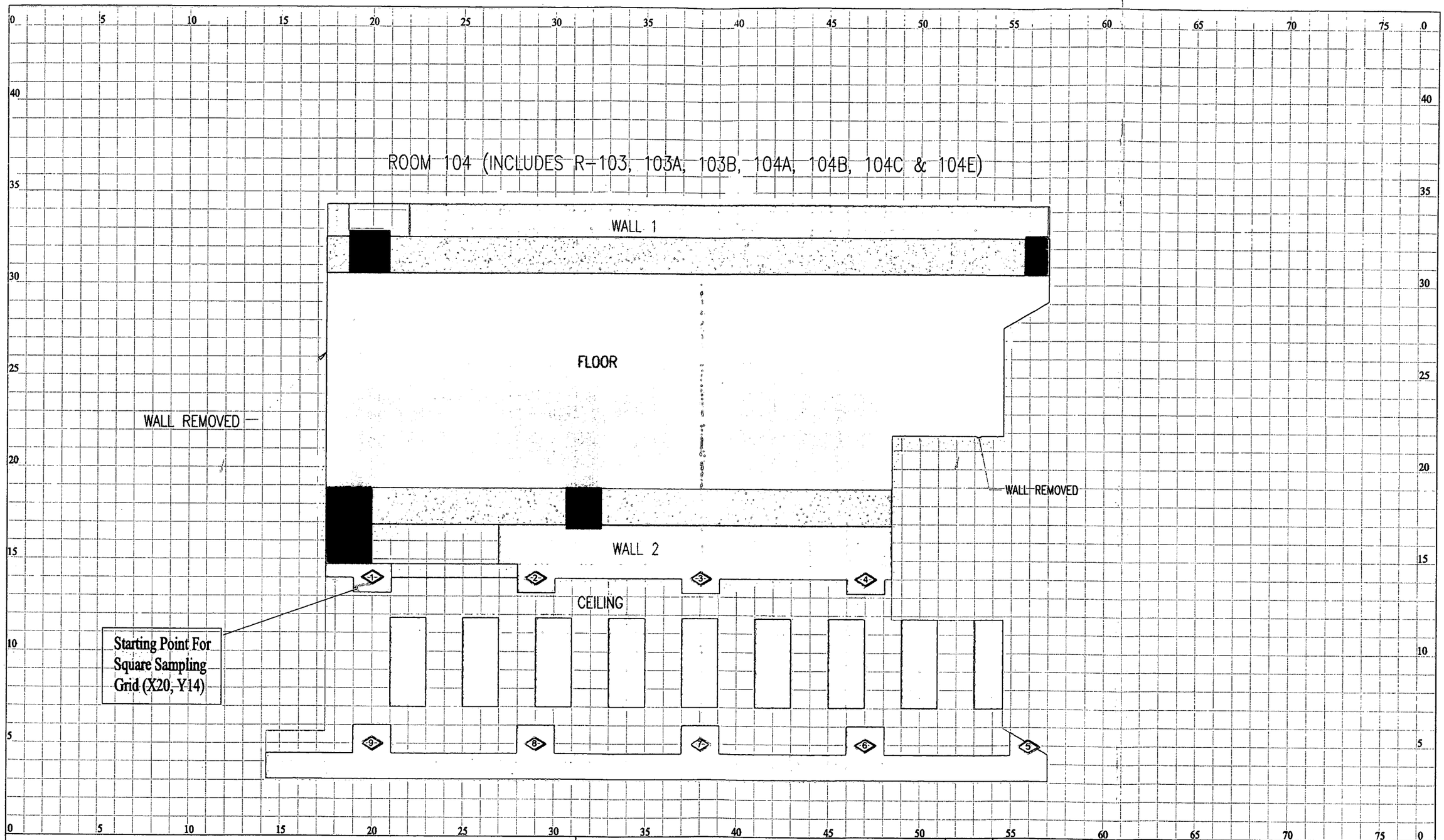

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-5 Survey Unit: 444504 Classification: 2

Survey Area/Unit Description: Building 444 VIA # 5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B & 109C, and Elevator 1 & 2, Walls > 2 meters and Ceiling, except LLW Areas

Floor Area: 1,133 sq.m Total Area: 1,503 sq.m Grid Spacing for Survey Area: 9 m x 9 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Low Level Waste Area
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16
0 METERS 5

1 inch =16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: PDS 444504 SHT 02.DWG | Sheet: 2 of 3 | Rev: 0

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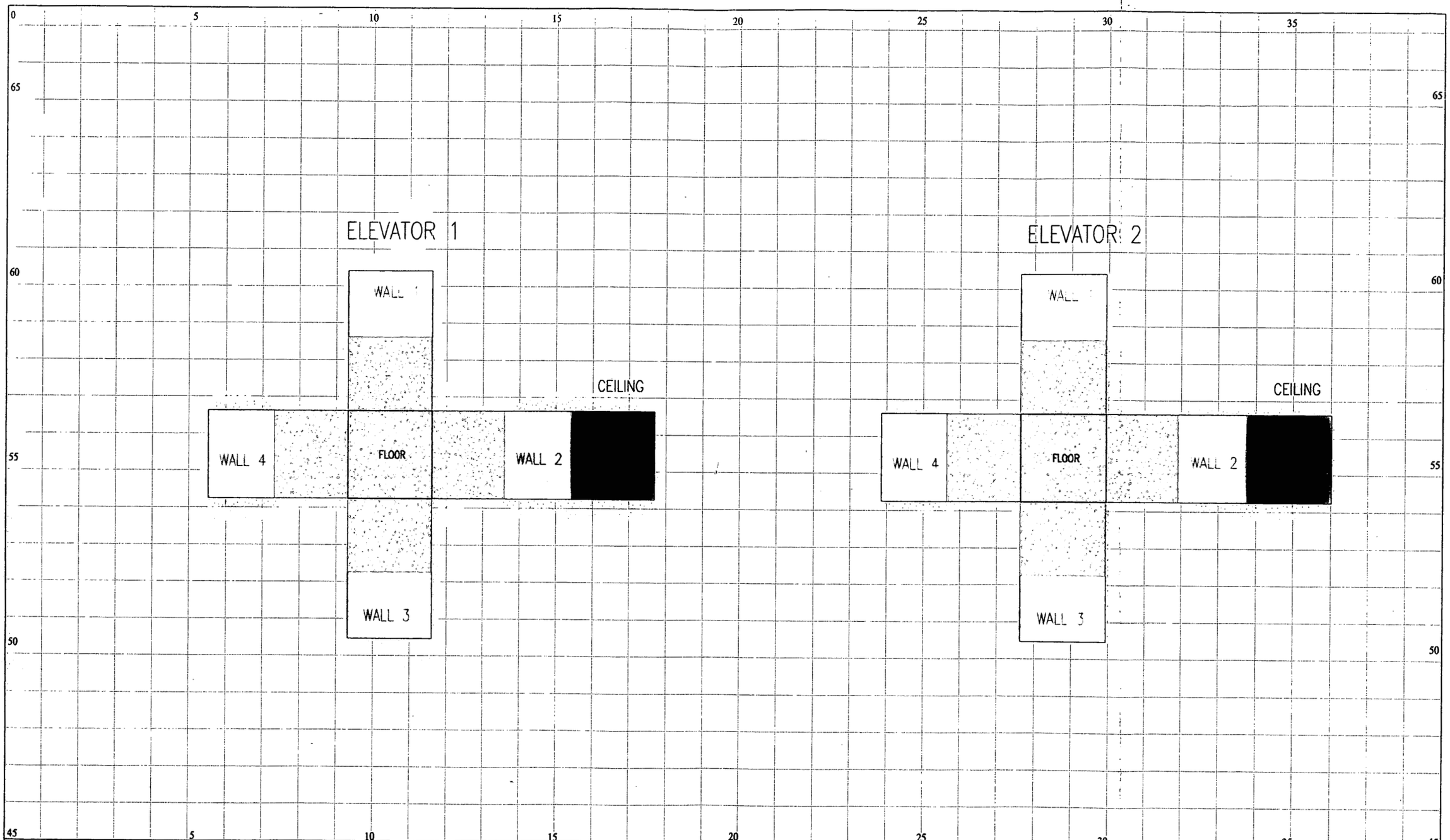

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814

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-5 Survey Unit: 444504 Classification: 2

Survey Area/Unit Description: Building 444 VIA #5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 109, 109A, 109B, & 109C, and Elevator 1 & 2, Walls > 2 meters & Ceiling, except LLW areas

Floor Area: 1,133 sq.m Total Area: 1,503 sq.m Grid Spacing for Survey Area: 9 m x 9 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Low Level Waste Area
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 8
0 METERS 2.5

1 inch = 8 feet
1 grid sq. = 1 sq. m.

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Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

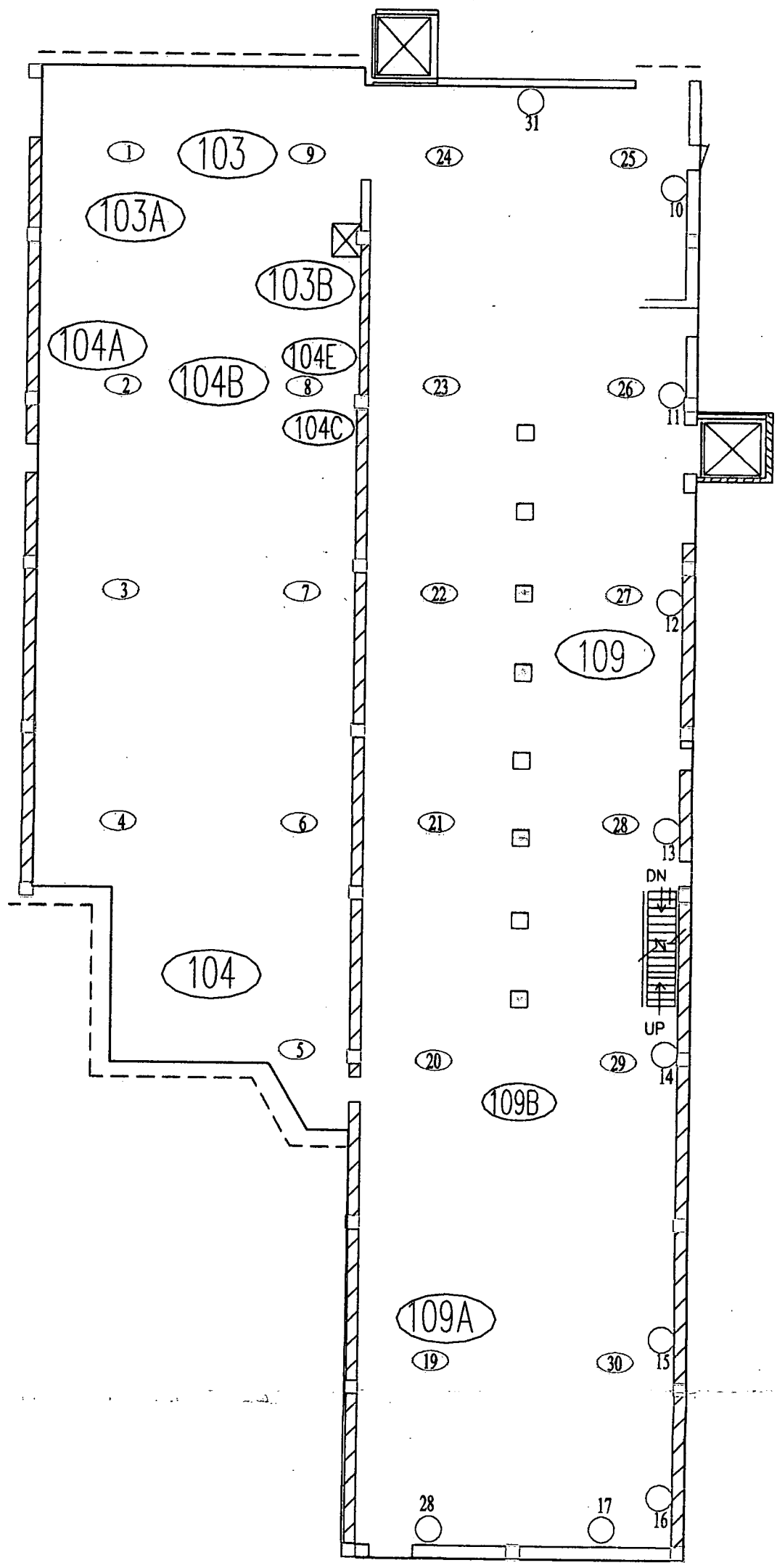
File Name: PDS 444504 SHT 03.DWG | Sheet 3 of 3 | Rev: 0

PRE-DEMOLITION MEDIA SAMPLING MAP

BLDG: 444 Survey Area: VIA-5 Survey Unit: 444504 Classification: 2

Survey Area/Unit Description: Building 444 VIA #5, Rooms 103, 103A, 103B, 104, 104A, 104B, 104 C, 104E, 109, 109A, 109B, 109C, Elevator 1 & 2 , Walls > 2 meters & Ceiling, except LLW areas

Floor or Ceiling Area: 1,172 sq.m Total Area: 1,616 sq.m. Scale: 1 inch = 16 feet Date: 02/09/2005



SURVEY POINT LEGEND

- ○ # Wall Sample Location
- □ # Floor Sample Location
- (#) Ceiling Sample Location
- - - - Wall Removed

N

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Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC. A Jacobs Engineering Group Company

Prepared for: KAISER HILL

File Name: MEDIA444504 .DWG | Sheet: 1 of 1 | Rev: 1

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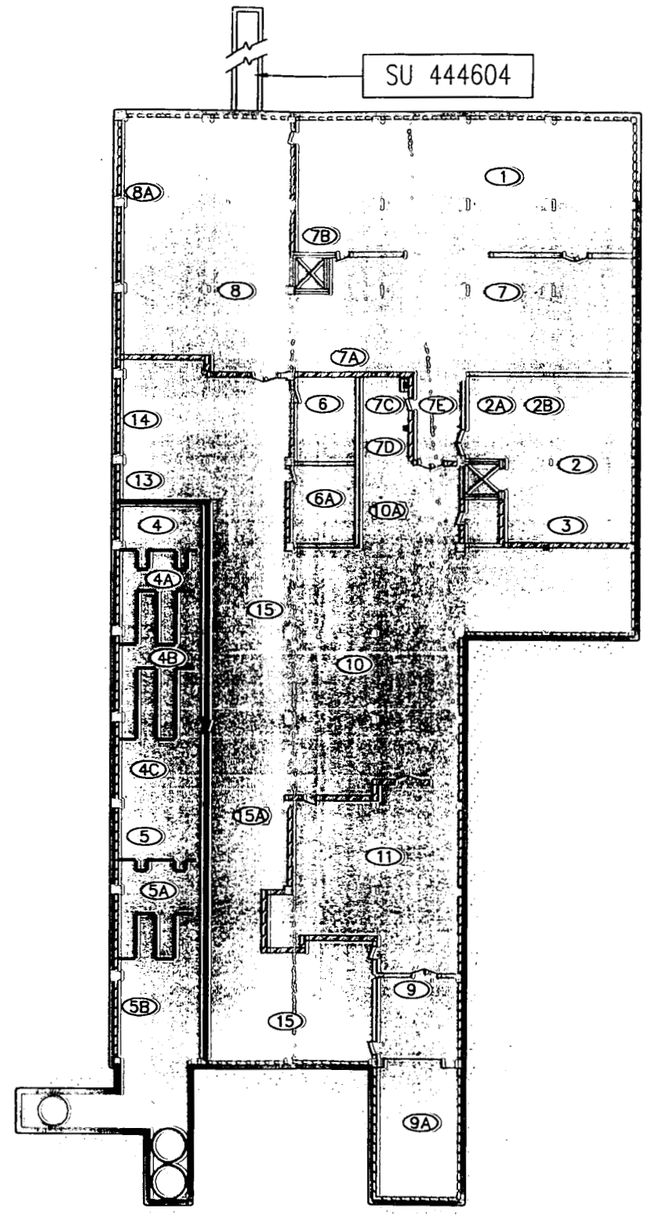
ATTACHMENT B-24

VIA 6 PDS RADIOLOGICAL SURVEY UNIT DATA SUMMARIES AND SURVEY MAPS



PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-6, 7 Survey Unit: 444604 Classification: 1 & 2

Survey Area/Unit Description: KEY MAP

Floor Area: N/A sq.m Total Area: N/A Grid Spaceing for Survey Area: N/A

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CBRCLA Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Area Waste

N

0 FEET 32

0 METERS 10

1 inch = 32 feet

1 grid sq. = 1 sq. m.

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Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name:PDS 444-VIA-6 & 7 KEY MAP.DWG | Sheet: 1 of 1 | Rev: 0

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Survey Area: VIA 6	Survey Unit: 444604	Building: 444

Description: Building 444, VIA 6, Room 8 Tunnel, Floor, Walls, & Ceiling

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 15
Nbr Random Measurements Performed: 15

Nbr Biased Measurements Required: 0
Nbr Biased Measurements Performed: 0

Nbr QC Required: 2
Nbr QC Performed: 2

Beta

Maximum:	1,576.1 dpm/100cm²
Minimum:	85.2 dpm/100cm²
Mean:	792.4 dpm/100cm²
Standard Deviation:	391.7
QC Maximum:	870.5 dpm/100cm²
QC Minimum:	793.2 dpm/100cm²
QC Mean:	831.8 dpm/100cm²
Uranium DCGLW:	5,000.0 dpm/100cm²
Uranium DCGLEMC:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 15
Nbr Random Measurements Performed: 15

Nbr Biased Measurements Required: 0
Nbr Biased Measurements Performed: 0

Beta

Maximum:	114.3 dpm/100cm²
Minimum:	-35.7 dpm/100cm²
Mean:	39.0 dpm/100cm²
Standard Deviation:	46.4
Uranium DCGLW:	1,000.0

Media Sample Results

Nbr Random Required: 0
Nbr Random Collected: 0

Nbr Biased Required: 0
Nbr Biased Collected: 0

Uranium

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Uranium DCGLW:	5,000 dpm/100cm²
Uranium DCGLEMC:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGLW:	100 dpm/100cm²
Transuranic DCGLEMC:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

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Survey Area: VIA 6	Survey Unit: 444604	Building: 444

Description: Building 444, VIA 6, Room 8 Tunnel, Floor, Walls, & Ceiling

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
1	712467	01/25/05	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
2	711447	01/25/05	Electra	3254	DP-6	07/04/05	NA	0.220	NA	745.0	S
3	511390	01/25/05	Electra	3105	DP-6	04/15/05	NA	0.220	NA	745.0	S
4	511390	01/26/05	Electra	3105	DP-6	04/15/05	NA	0.220	NA	745.0	T/S
5	712193	01/26/05	Electra	659	DP-8	03/07/05	NA	0.160	NA	745.0	S
6	712193	01/27/05	Electra	3127	DP-6	02/16/05	NA	0.220	NA	745.0	Q/S
7	712193	01/27/05	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: VIA 6	Survey Unit: 444604	Building: 444

Description: Building 444, VIA 6, Room 8 Tunnel, Floor, Walls, & Ceiling

Comments Sheet

General Comments: N/A

TSA Comments: N/A

RSA Comments: N/A

Media Comments: There are no painted surfaces in this survey unit.

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Survey Area: VIA 6	Survey Unit: 444604	Building: 444

Description: Building 444, VIA 6, Room 8 Tunnel, Floor, Walls, & Ceiling

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444604PRP-N001	7	N/A	21.4	N/A
444604PRP-N002	7	N/A	100.0	N/A
444604PRP-N003	7	N/A	-35.7	N/A
444604PRP-N004	7	N/A	21.4	N/A
444604PRP-N005	7	N/A	114.3	N/A
444604PRP-N006	7	N/A	50.0	N/A
444604PRP-N007	7	N/A	-14.3	N/A
444604PRP-N008	7	N/A	64.3	N/A
444604PRP-N009	7	N/A	42.8	N/A
444604PRP-N010	7	N/A	-14.3	N/A
444604PRP-N011	7	N/A	107.1	N/A
444604PRP-N012	7	N/A	21.4	N/A
444604PRP-N013	7	N/A	0.0	N/A
444604PRP-N014	7	N/A	78.6	N/A
444604PRP-N015	7	N/A	28.6	N/A

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Survey Area: VIA 6	Survey Unit: 444604	Building: 444

Description: Building 444, VIA 6, Room 8 Tunnel, Floor, Walls, & Ceiling

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444604PRP-N001	4	N/A	85.2	N/A
444604PRP-N002	4	N/A	735.2	N/A
444604PRP-N003	4	N/A	339.7	N/A
444604QRP-N003	6	N/A	870.5	N/A
444604PRP-N004	4	N/A	1,039.7	N/A
444604PRP-N005	4	N/A	353.3	N/A
444604PRP-N006	4	N/A	894.2	N/A
444604PRP-N007	4	N/A	435.2	N/A
444604QRP-N007	6	N/A	793.2	N/A
444604PRP-N008	4	N/A	862.4	N/A
444604PRP-N009	4	N/A	594.2	N/A
444604PRP-N010	4	N/A	1,267.0	N/A
444604PRP-N011	4	N/A	803.3	N/A
444604PRP-N012	4	N/A	1,185.2	N/A
444604PRP-N013	4	N/A	1,576.1	N/A
444604PRP-N014	4	N/A	885.2	N/A
444604PRP-N015	4	N/A	830.6	N/A

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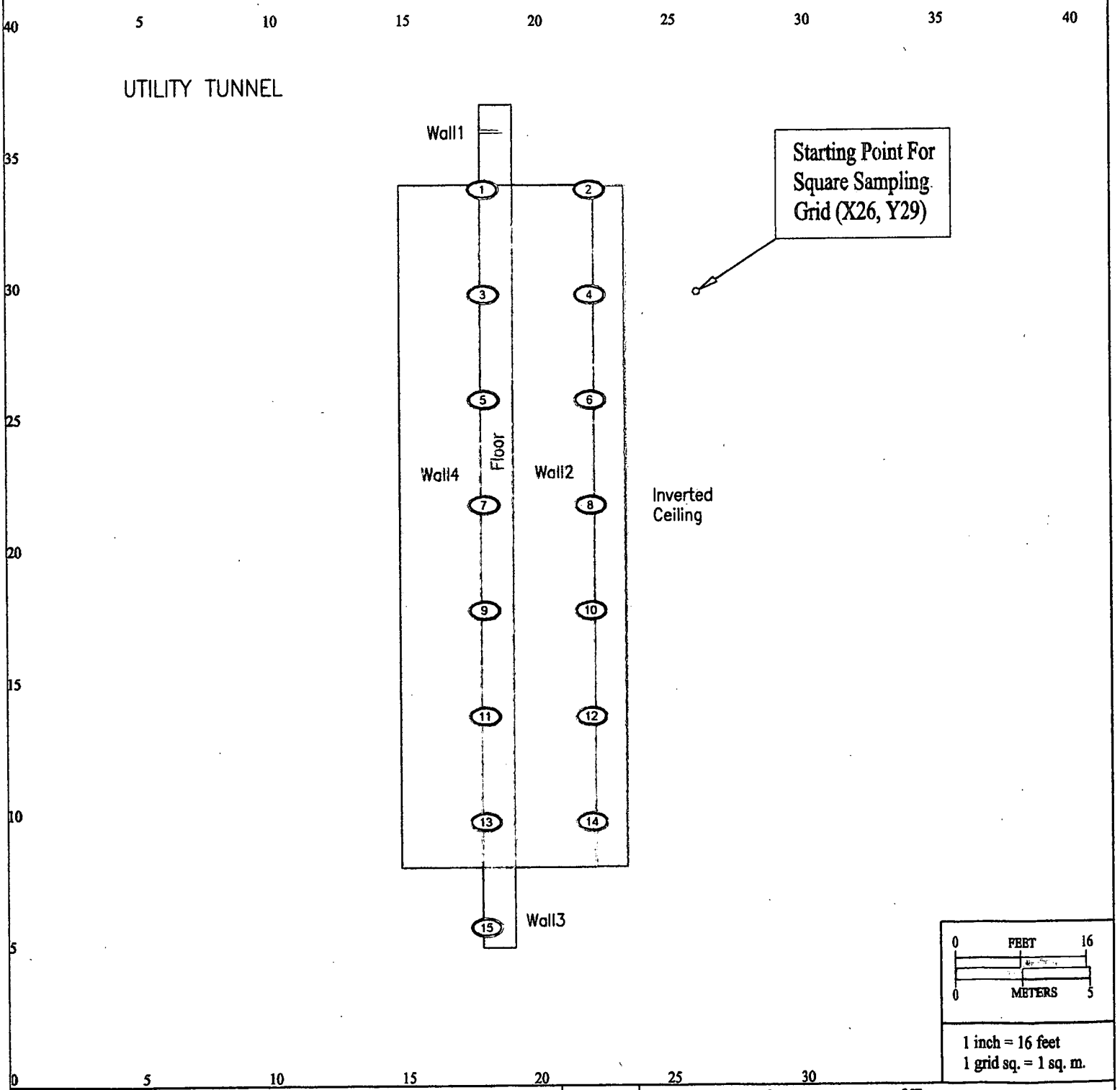
PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-6 Survey Unit: 444604 Classification: 1

Survey Area/Unit Description: Building 444 VIA # 6, Room 8 Tunnels, Floor, Walls & Ceiling

Floor Area: 32 sq.m Total Area: 229 sq.m Grid Spacing for Survey Area: 4 m x 4 m



SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- Low Level Waste Area

N

U.S. Department of Energy
Rocky Flats Encironmental Technology Site

Prepared by: Prepared for: KAISER HILL

File Name: PDS 444604 .DWG | Sheet 1 of 1 | Rev: 0

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ATTACHMENT B-25

VIA 7 PDS RADIOLOGICAL SURVEY UNIT DATA SUMMARIES AND SURVEY MAPS

There is no PDS Survey Unit Data for this VIA, refer to LLW Surveys in Attachments B-13 and B-14 for surveys of this VIA

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ATTACHMENT B-26

VIA 8 PDS RADIOLOGICAL SURVEY UNIT DATA SUMMARIES AND SURVEY MAPS

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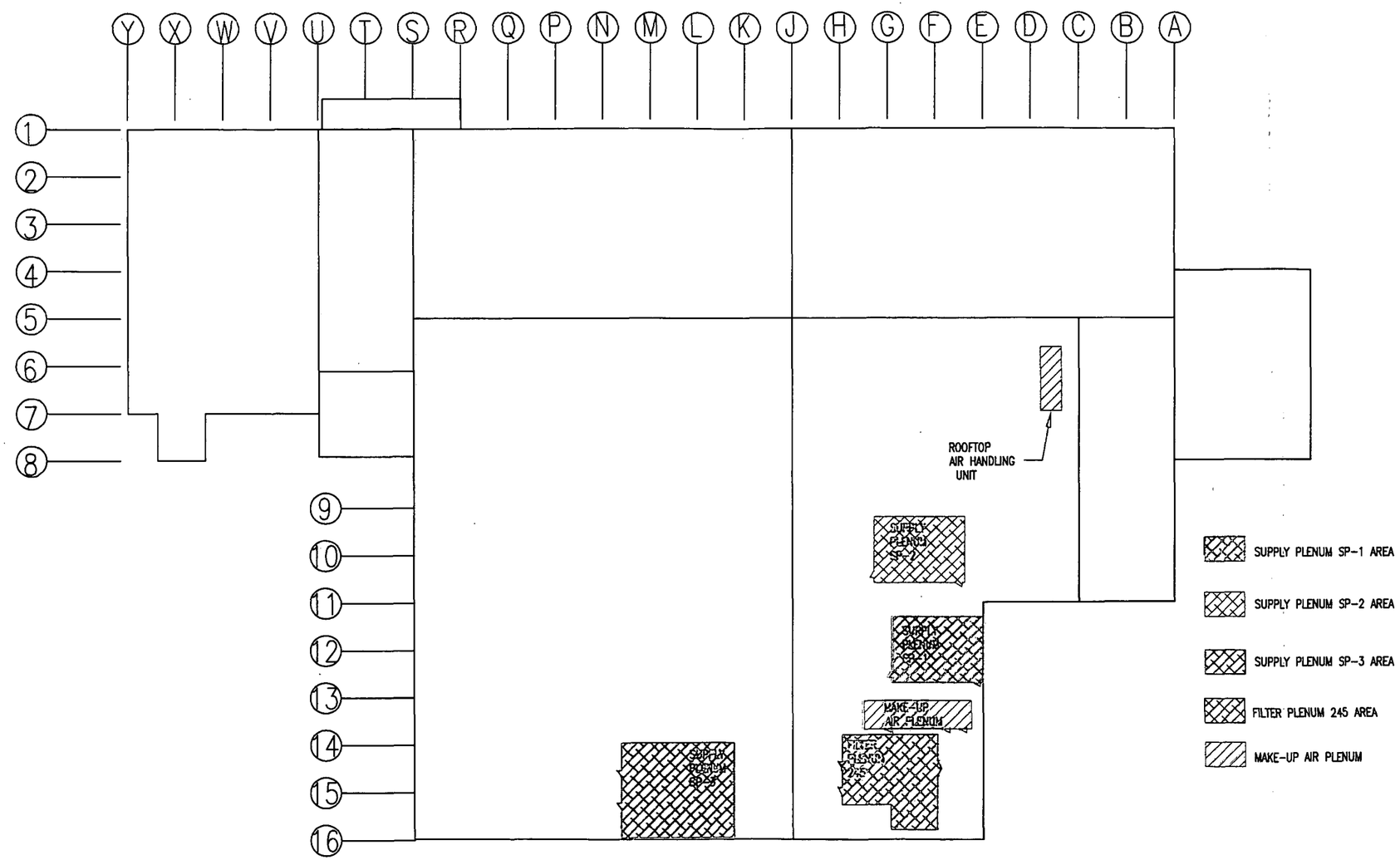

PRE-DEMOLITION SURVEY MAP

BLDG: B444 Survey Area: Above Roof Plenums

Survey Area/Unit Description: B444 Above Roof Kay Map

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 48

0 METERS 15

1 inch = 48 feet

1 grid sq. = 1 sq. m.

U.S. Department of Energy

Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: B444 RF KEY MAP.DWG | Sheet: 1 of 1 | Rev: 0

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Survey Area: ROOF	Survey Unit: 444801	Building: 444

Description: Roof Filter Plenum 245, Interior All Surfaces

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 20
Nbr Random Measurements Performed: 25
Nbr Biased Measurements Required: 0
Nbr Biased Measurements Performed: 0
Nbr QC Required: 2
Nbr QC Performed: 2

Beta

Maximum:	1,658.4 dpm/100cm²
Minimum:	-650.7 dpm/100cm²
Mean:	226.8 dpm/100cm²
Standard Deviation:	682.1
QC Maximum:	1,409.1 dpm/100cm²
QC Minimum:	504.5 dpm/100cm²
QC Mean:	956.8 dpm/100cm²
Uranium DCGLw:	5,000.0 dpm/100cm²
Uranium DCGLEMC:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 20
Nbr Random Measurements Performed: 25
Nbr Biased Measurements Required: 0
Nbr Biased Measurements Performed: 0

Beta

Maximum:	42.1 dpm/100cm²
Minimum:	-102.2 dpm/100cm²
Mean:	-24.7 dpm/100cm²
Standard Deviation:	33.0
Uranium DCGLw:	1,000.0

Media Sample Results

Nbr Random Required: 0
Nbr Random Collected: 0
Nbr Biased Required: 0
Nbr Biased Collected: 0

Uranium

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Uranium DCGLw:	5,000 dpm/100cm²
Uranium DCGLEMC:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGLw:	100 dpm/100cm²
Transuranic DCGLEMC:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

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Survey Area: ROOF	Survey Unit: 444801	Building: 444

Description: Roof Filter Plenum 245, Interior All Surfaces

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency		A-Priori MDA (dpm/100cm²)		Survey Type
							Alpha	Beta	Alpha	Beta	
1	712193	11/09/04	Electra	1417	DP-6	03/23/05	NA	0.220	NA	745.0	S
2	711447	11/09/04	Electra	660	DP-8	04/19/05	NA	0.160	NA	999.0	S
3	712467	11/09/04	Electra	1672	DP-6	04/28/05	NA	0.220	NA	745.0	S
4	712467	11/10/04	Electra	1672	DP-6	04/28/05	NA	0.220	NA	745.0	T
5	711447	11/10/04	Electra	1417	DP-6	03/23/05	NA	0.220	NA	745.0	T
6	700831	11/10/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
7	711447	11/11/04	Electra	662	DP-6	03/30/05	NA	0.220	NA	745.0	S
8	712467	11/11/04	Electra	1417	DP-6	03/23/05	NA	0.220	NA	745.0	T
9	711447	11/11/04	Electra	660	DP-8	04/19/05	NA	0.160	NA	999.0	S
10	712467	11/11/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
11	700831	11/11/04	Electra	1512	DP-6	04/15/05	NA	0.220	NA	745.0	Q

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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814

Survey Area: ROOF	Survey Unit: 444801	Building: 444

Description: Roof Filter Plenum 245, Interior All Surfaces

Comments Sheet

General Comments: N/A

TSA Comments: N/A

RSA Comments: N/A

Media Comments: There were no painted surfaces in this survey unit.

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Survey Area: ROOF	Survey Unit: 444801	Building: 444

Description: Roof Filter Plenum 245, Interior All Surfaces

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444801PRP-N001	6	N/A	-52.2	N/A
444801PRP-N002	10	N/A	-43.6	N/A
444801PRP-N003	6	N/A	12.1	N/A
444801PRP-N004	6	N/A	-16.5	N/A
444801PRP-N005	6	N/A	-52.2	N/A
444801PRP-N006	6	N/A	-23.6	N/A
444801PRP-N007	10	N/A	-22.2	N/A
444801PRP-N008	6	N/A	-102.2	N/A
444801PRP-N009	6	N/A	-52.2	N/A
444801PRP-N010	10	N/A	6.4	N/A
444801PRP-N011	6	N/A	-52.2	N/A
444801PRP-N012	10	N/A	42.1	N/A
444801PRP-N013	6	N/A	-37.9	N/A
444801PRP-N014	6	N/A	-23.6	N/A
444801PRP-N015	6	N/A	5.0	N/A
444801PRP-N016	6	N/A	-9.3	N/A
444801PRP-N017	6	N/A	12.1	N/A
444801PRP-N018	6	N/A	12.1	N/A
444801PRP-N019	6	N/A	-37.9	N/A
444801PRP-N020	6	N/A	-66.5	N/A
444801PRP-N021	6	N/A	-23.6	N/A
444801PRP-N022	10	N/A	-22.2	N/A
444801PRP-N023	10	N/A	-7.9	N/A
444801PRP-N024	6	N/A	12.1	N/A
444801PRP-N025	6	N/A	-73.6	N/A

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Survey Area: ROOF	Survey Unit: 444801	Building: 444

Description: Roof Filter Plenum 245, Interior All Surfaces

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444801PRP-N001	4	N/A	-337.0	N/A
444801PRP-N002	8	N/A	-491.6	N/A
444801PRP-N003	4	N/A	-532.5	N/A
444801PRP-N004	4	N/A	-368.9	N/A
444801PRP-N005	4	N/A	-237.0	N/A
444801PRP-N006	4	N/A	-650.7	N/A
444801PRP-N007	8	N/A	-287.0	N/A
444801PRP-N008	4	N/A	381.1	N/A
444801PRP-N009	4	N/A	426.6	N/A
444801PRP-N010	8	N/A	453.9	N/A
444801QRP-N010	11	N/A	504.5	N/A
444801PRP-N011	4	N/A	1,658.4	N/A
444801QRP-N011	11	N/A	1,409.1	N/A
444801PRP-N012	8	N/A	1,167.5	N/A
444801PRP-N013	4	N/A	1,444.8	N/A
444801PRP-N014	4	N/A	1,517.5	N/A
444801PRP-N015	4	N/A	376.6	N/A
444801PRP-N016	4	N/A	-159.8	N/A
444801PRP-N017	4	N/A	-355.2	N/A
444801PRP-N018	4	N/A	822.0	N/A
444801PRP-N019	4	N/A	726.6	N/A
444801PRP-N020	4	N/A	276.6	N/A
444801PRP-N021	4	N/A	290.2	N/A
444801PRP-N022	8	N/A	-414.3	N/A
444801PRP-N023	8	N/A	-418.9	N/A
444801PRP-N024	4	N/A	181.1	N/A
444801PRP-N025	4	N/A	199.3	N/A

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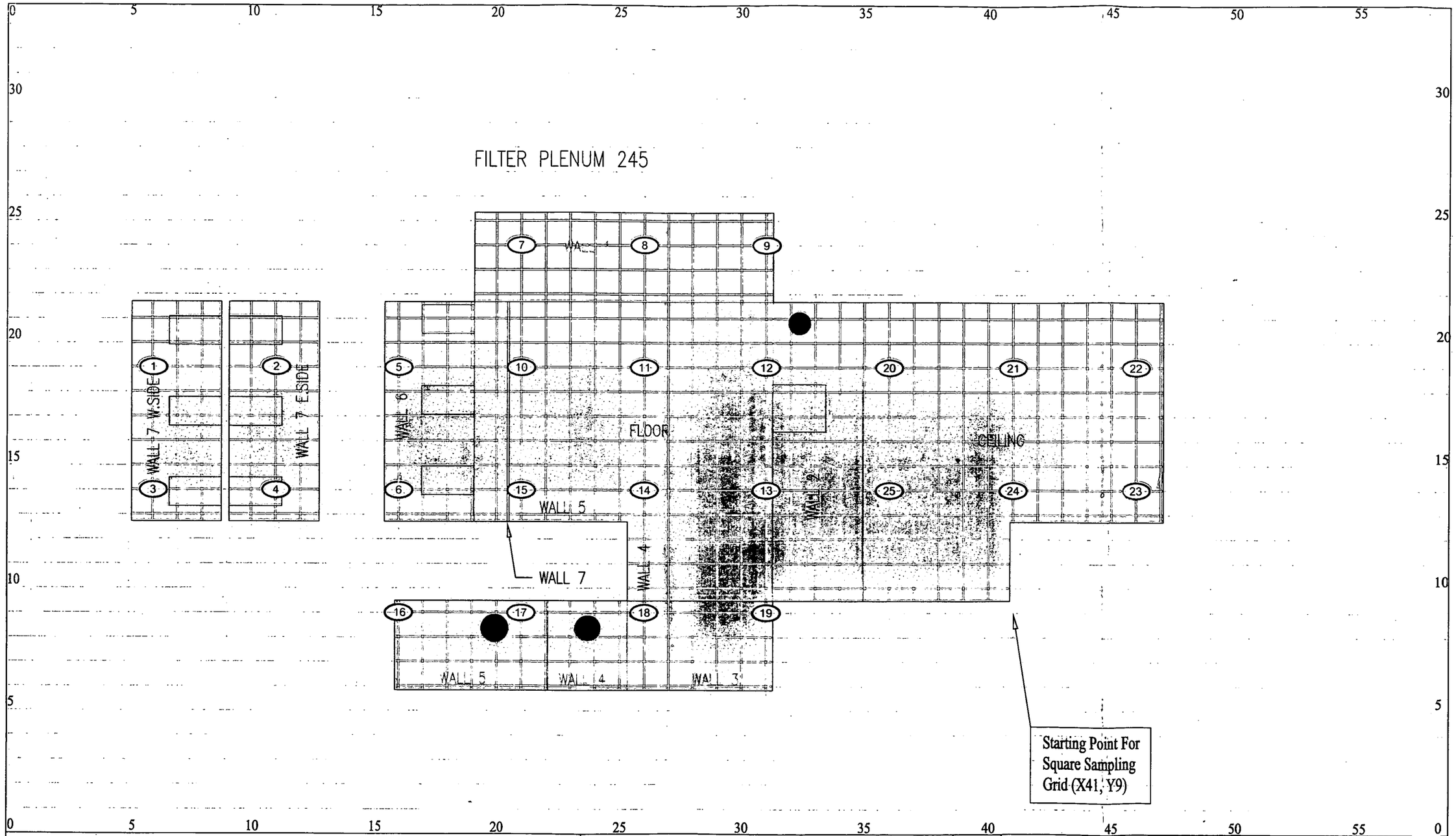

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: Above Roof Survey Unit: 444801 Classification: 1

Survey Area/Unit Description: Roof Filter plenum 245 Interior all surfaces

Floor Area: 129 sq.m Total Area: 499 sq.m Grid Spacing for Survey Area: 5 m x 5 m

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

FEET 0 12 / METERS 0 4

1 inch = 12 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RF/CSS Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: PDS_444801_SHT 01.DWG | Sheet: 1 of 1 | Rev: 0

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Survey Area: ROOF	Survey Unit: 444802	Building: 444

Description: Roof, SP-1, SP-2, SP-3, & Air plenum (Room 301) Interior

Rocky Flats Environmental Technology Site
Final Radiological Survey Summary Results

Total Surface Activity Measurements

Nbr Random Measurements Required: 15
Nbr Random Measurements Performed: 15
Nbr Biased Measurements Required: 0
Nbr Biased Measurements Performed: 0
Nbr QC Required: 2
Nbr QC Performed: 2

Beta

Maximum:	2,182.7 dpm/100cm²
Minimum:	-617.3 dpm/100cm²
Mean:	555.7 dpm/100cm²
Standard Deviation:	960.5
QC Maximum:	1,054.5 dpm/100cm²
QC Minimum:	718.2 dpm/100cm²
QC Mean:	886.3 dpm/100cm²
Uranium DCGL$_W$:	5,000.0 dpm/100cm²
Uranium DCGL$_{EMC}$:	15,000.0 dpm/100cm²

Removable Surface Activity Measurements

Nbr Random Measurements Required: 15
Nbr Random Measurements Performed: 15
Nbr Biased Measurements Required: 0
Nbr Biased Measurements Performed: 0

Beta

Maximum:	73.6 dpm/100cm²
Minimum:	-69.3 dpm/100cm²
Mean:	8.3 dpm/100cm²
Standard Deviation:	45.5
Uranium DCGL$_W$:	1,000.0

Media Sample Results

Nbr Random Required: 0
Nbr Random Collected: 0
Nbr Biased Required: 0
Nbr Biased Collected: 0

Uranium

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Uranium DCGL$_W$:	5,000 dpm/100cm²
Uranium DCGL$_{EMC}$:	15,000 dpm/100cm²

Transuranic

Maximum:	NA dpm/100cm²
Minimum:	NA dpm/100cm²
Mean:	NA dpm/100cm²
Standard Deviation:	NA
Transuranic DCGL$_W$:	100 dpm/100cm²
Transuranic DCGL$_{EMC}$:	300 dpm/100cm²

Conclusion - A comparison of the random, biased and QC measurement results against the PDSP Table 7-1 Surface Contamination Guideline limits was conducted; the comparison demonstrates that this survey unit passes the criterion specified in the PDSP.

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Survey Area: ROOF	Survey Unit: 444802	Building: 444

Description: Roof, SP-1, SP-2, SP-3, & Air plenum (Room 301) Interior

Instrument Data Sheet

Inst/RCT Number	RCT ID	Analysis Date	Instr Model	Instru S/N	Probe Type	Calibration Due Dt	Instru Efficiency Alpha	Instru Efficiency Beta	A-Priori MDA (dpm/100cm²) Alpha	A-Priori MDA (dpm/100cm²) Beta	Survey Type
1	712467	11/06/04	Electra	661	DP-8	03/08/05	NA	0.160	NA	745.0	S
2	712193	11/06/04	Electra	1417	DP-6	03/23/05	NA	0.220	NA	745.0	T/S
3	700831	11/08/04	Electra	3370	DP-6	02/16/05	NA	0.220	NA	745.0	T/S
4	711447	11/08/04	BC-4	843	NA	10/04/05	NA	0.140	NA	258.0	R
5	712193	11/08/04	Electra	668	DP-8	03/14/05	NA	0.160	NA	745.0	S
6	711447	11/08/04	Electra	3104	DP-6	03/17/05	NA	0.220	NA	745.0	Q/S
7	711447	11/08/04	Electra	1672	DP-6	04/28/05	NA	0.220	NA	745.0	S

Survey Types: T = Total Surface Activity, Q = TSA QC, S = Scan, R = Removable Surface Activity, I = Investigation

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Survey Area: ROOF	Survey Unit: 444802	Building: 444

Description: Roof, SP-1, SP-2, SP-3, & Air plenum (Room 301) Interior.

Comments Sheet

General Comments: N/A

TSA Comments: N/A

RSA Comments: N/A

Media Comments: No media samples are required.

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Survey Area: ROOF	Survey Unit: 444802	Building: 444

Description: Roof, SP-1, SP-2, SP-3, & Air plenum (Room 301) Interior

Random Removable Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444802PRP-N001	4	N/A	-33.6	N/A
444802PRP-N002	4	N/A	73.6	N/A
444802PRP-N003	4	N/A	52.1	N/A
444802PRP-N004	4	N/A	30.7	N/A
444802PRP-N005	4	N/A	-62.1	N/A
444802PRP-N006	4	N/A	16.4	N/A
444802PRP-N007	4	N/A	30.7	N/A
444802PRP-N008	4	N/A	-12.1	N/A
444802PRP-N009	4	N/A	66.4	N/A
444802PRP-N010	4	N/A	9.3	N/A
444802PRP-N011	4	N/A	52.1	N/A
444802PRP-N012	4	N/A	16.4	N/A
444802PRP-N013	4	N/A	2.1	N/A
444802PRP-N014	4	N/A	-69.3	N/A
444802PRP-N015	4	N/A	-47.9	N/A

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Survey Area: ROOF	Survey Unit: 444802	Building: 444

Description: Roof, SP-1, SP-2, SP-3, & Air plenum (Room 301) Interior

Random/QC Total Surface Activity Data Sheet

Random Measurement Location	Inst / RCT Nbr	Net Alpha (dpm/100cm²)	Net Beta (dpm/100cm²)	
444802PRP-N001	2	N/A	1,832.7	N/A
444802PRP-N002	3	N/A	273.6	N/A
444802PRP-N003	2	N/A	-53.7	N/A
444802PRP-N004	3	N/A	-231.0	N/A
444802PRP-N005	2	N/A	-299.1	N/A
444802PRP-N006	3	N/A	2,182.7	N/A
444802QRP-N006	6	N/A	1,054.5	N/A
444802PRP-N007	2	N/A	-617.3	N/A
444802PRP-N008	3	N/A	-40.0	N/A
444802PRP-N009	2	N/A	-494.6	N/A
444802PRP-N010	3	N/A	605.4	N/A
444802PRP-N011	2	N/A	1,628.1	N/A
444802QRP-N011	6	N/A	718.2	N/A
444802PRP-N012	3	N/A	1,028.1	N/A
444802PRP-N013	2	N/A	1,978.1	N/A
444802PRP-N014	3	N/A	741.8	N/A
444802PRP-N015	2	N/A	-199.1	N/A

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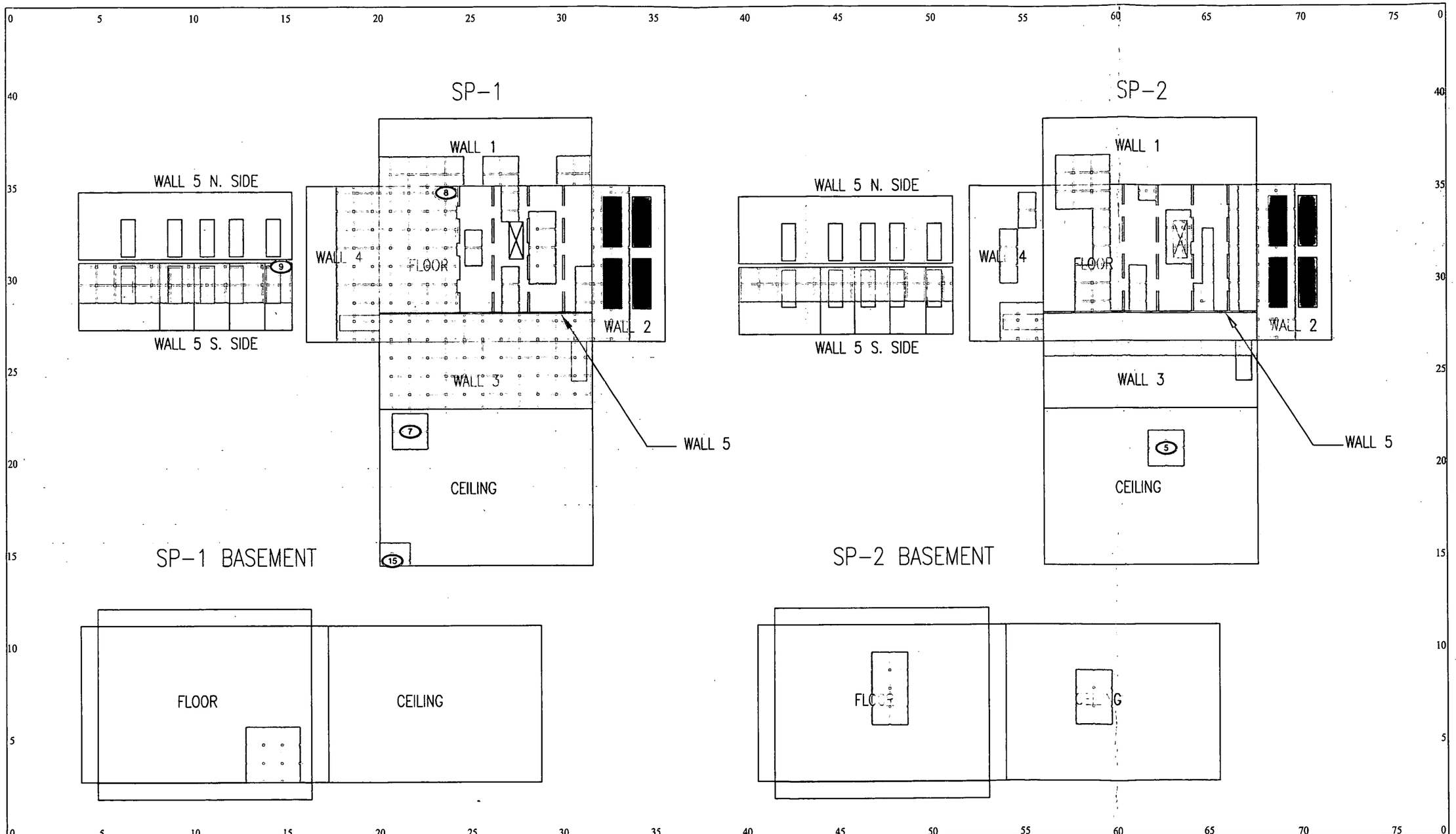

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: Roof Above Survey Unit: 444802 Classification: 3

Survey Area/Unit Description: Roof, SP-1, SP-2, SP-3 & Air Plenum (Room 301) Interior

Floor Area: 846 sq.m Total Area: 2,256 sq.m Grid Spaceing for Survey Area: N/A

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CBRCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

FEET 0 16
METERS 0 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: PDS_444802_SHT 01.DWG | Sheet: 1 of 2 | Rev: 0

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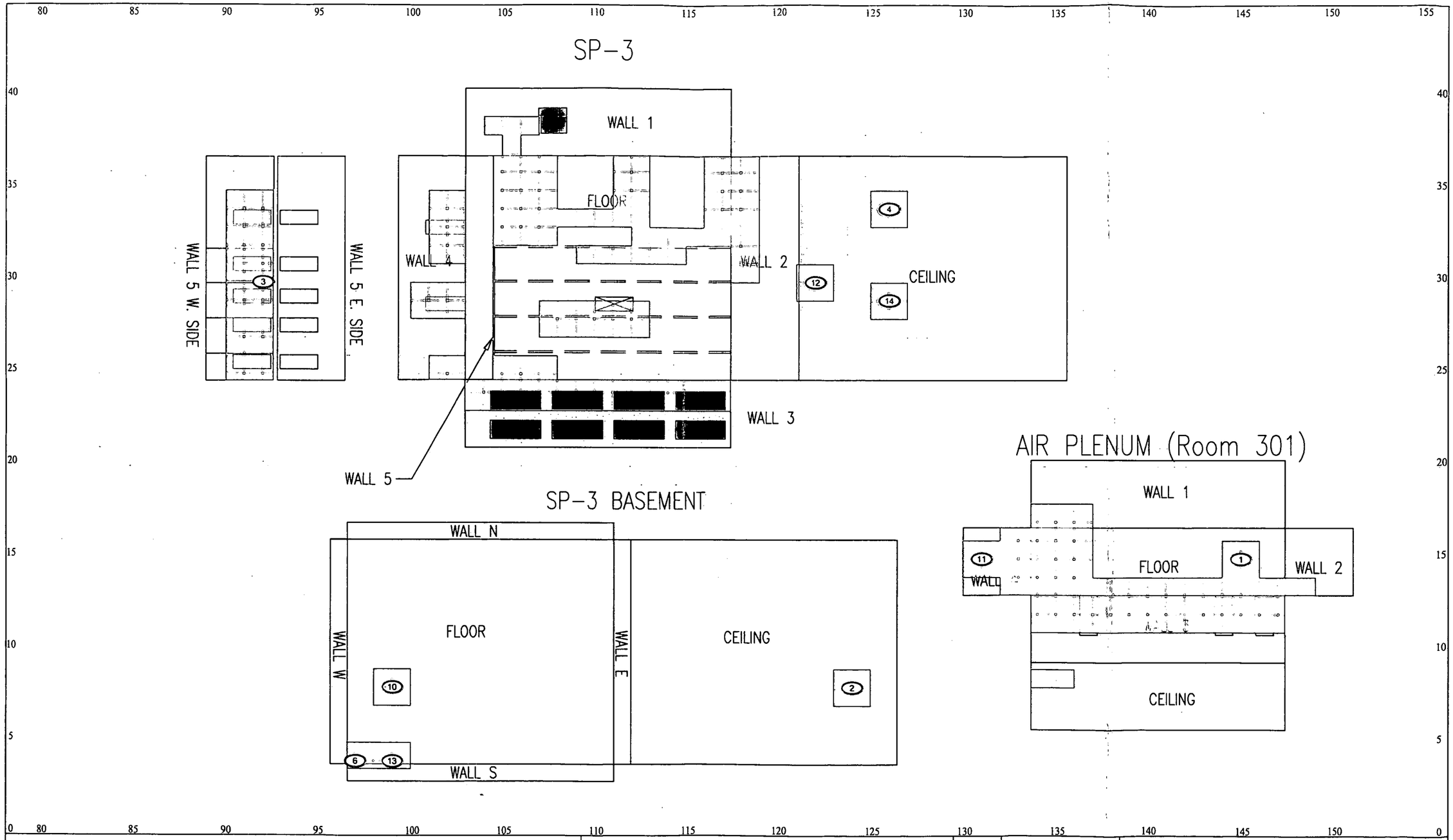

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PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: Roof Above Survey Unit: 444802 Classification: 3

Survey Area/Unit Description: Roof, SP-1, SP-2, SP-3 & Air Plenum (Room 301) Interior

Floor Area: 846 sq.m Total Area: 2,256 sq.m Grid Spaceing for Survey Area: N/A

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CBRCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16
0 METERS 5

1 inch = 16 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC.

Prepared for: KAISER HILL

File Name: PDS 444802 SHT 02.DWG | Sheet: 2 of 2 | Rev: 0

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	NE Electra	Mfg.	NE Electra
Model	SAC-4	Model	DP-6	Model	DP-6
Serial #	763	Serial #	1279	Serial #	1679
Cal Due	3/20/05	Cal Due	6/16/05	Cal Due	5/17/05
Bkg	0.1 cpmα	Bkg	7 cpmα	Bkg	7 cpmα
Efficiency	33 %	Efficiency	17 %	Efficiency	17 %
MDA	20 dpmα	MDA	94 dpmα	MDA	94 dpmα

Mfg.	Eberline	Mfg.	NE Electra	Mfg.	NE Electra
Model	BC-4	Model	DP-6	Model	DP-6
Serial #	694	Serial #	1279	Serial #	1679
Cal Due	7/23/05	Cal Due	6/16/05	Cal Due	5/17/05
Bkg	37 cpmβ	Bkg	771 cpmβ	Bkg	741 cpmβ
Efficiency	14 %	Efficiency	22 %	Efficiency	22 %
MDA	258 dpmβ	MDA	745 dpmβ	MDA	745 dpmβ

Survey Type: Alpha & Beta Contamination

Building: 444

Location: Chillers on roof

Purpose: Characterization

RWP #: N/A

Date: 1/9/05 Time: 16:00

[redacted]

PRN/REN # : N/A

Comments: Isotope of concern U-238.

ALL ACCESSIBLE AREAS SCANNED : < MDA OF THE ELECTRAS. [illegible] 1.11.05

SURVEY RESULTS

Swipe #	LOCATION	ALPHA Swipe dpm/100cm2	ALPHA Direct dpm/100cm2	ALPHA Wipe dpm/wipe	BETA Swipe dpm/100cm2	BETA Direct dpm/100cm2	BETA Wipe dpm/wipe
1	See Map	<20	<94	N/A	<258	<745	N/A
2	See Map	<20	<94	N/A	<258	<745	N/A
3	See Map	<20	<94	N/A	<258	<745	N/A
4	See Map	<20	<94	N/A	<258	<745	N/A
5	See Map	<20	<94	N/A	<258	<745	N/A
6	See Map	<20	<94	N/A	<258	<745	N/A
7	See Map	<20	<94	N/A	<258	<745	N/A
8	See Map	<20	<94	N/A	<258	<745	N/A
9	See Map	<20	<94	N/A	<258	<745	N/A
10	See Map	<20	<94	N/A	<258	<745	N/A
11	See Map	<20	<94	N/A	<258	<745	N/A
12	See Map	<20	<94	N/A	<258	<745	N/A
13	See Map	<20	<94	N/A	<258	<745	N/A
14	See Map	<20	<94	N/A	<258	<745	N/A
15	See Map	<20	<94	N/A	<258	<745	N/A
16	See Map	<20	<94	N/A	<258	<745	N/A
17	See Map	<20	<94	N/A	<258	<745	N/A
18	See Map	<20	<94	N/A	<258	<745	N/A
19	See Map	<20	<94	N/A	<258	<745	N/A
20	See Map	<20	<94	N/A	<258	<745	N/A

Date Reviewed: 1-11-05 **RS Supervision:** [redacted]

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

Swipe	LOCATION	ALPHA			BETA		
		Swipe	Direct	Wipe	Swipe	Direct	Wipe
#		dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
21	See Map	<20	<94	N/A	<258	<745	N/A
22	See Map	<20	<94	N/A	<258	<745	N/A
23	See Map	<20	<94	N/A	<258	<745	N/A
24	See Map	<20	<94	N/A	<258	<745	N/A
25	See Map	<20	<94	N/A	<258	<745	N/A
26	See Map	<20	<94	N/A	<258	<745	N/A
27	See Map	<20	<94	N/A	<258	<745	N/A
28	See Map	<20	<94	N/A	<258	<745	N/A
29	See Map	<20	<94	N/A	<258	<745	N/A
30	See Map	<20	<94	N/A	<258	<745	N/A
31	See Map	<20	<94	N/A	<258	<745	N/A
32	See Map	<20	<94	N/A	<258	<745	N/A
33	See Map	<20	<94	N/A	<258	<745	N/A
34	See Map	<20	<94	N/A	<258	<745	N/A
35	See Map	<20	<94	N/A	<258	<745	N/A
36	See Map	<20	<94	N/A	<258	<745	N/A
37	See Map	<20	<94	N/A	<258	<745	N/A
38	See Map	<20	<94	N/A	<258	<745	N/A
39	See Map	<20	<94	N/A	<258	<745	N/A
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41	See Map	<20	<94	N/A	<258	<745	N/A
42	See Map	<20	<94	N/A	<258	<745	N/A
43	See Map	<20	<94	N/A	<258	<745	N/A
44	See Map	<20	<94	N/A	<258	<745	N/A
45	See Map	<20	<94	N/A	<258	<745	N/A
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47	See Map	<20	<94	N/A	<258	<745	N/A
48	See Map	<20	<94	N/A	<258	<745	N/A
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50	See Map	<20	<94	N/A	<258	<745	N/A
51	See Map	<20	<94	N/A	<258	<745	N/A
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53	See Map	<20	<94	N/A	<258	<745	N/A
54	See Map	<20	<94	N/A	<258	<745	N/A
55	See Map	<20	<94	N/A	<258	<745	N/A
56	See Map	<20	<94	N/A	<258	<745	N/A
57	See Map	<20	<94	N/A	<258	<745	N/A
58	See Map	<20	<94	N/A	<258	<745	N/A
59	See Map	<20	<94	N/A	<258	<745	N/A
60	See Map	<20	<94	N/A	<258	<745	N/A
61	N/A	N/A	N/A	N/A	N/A	N/A	N/A
62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
63	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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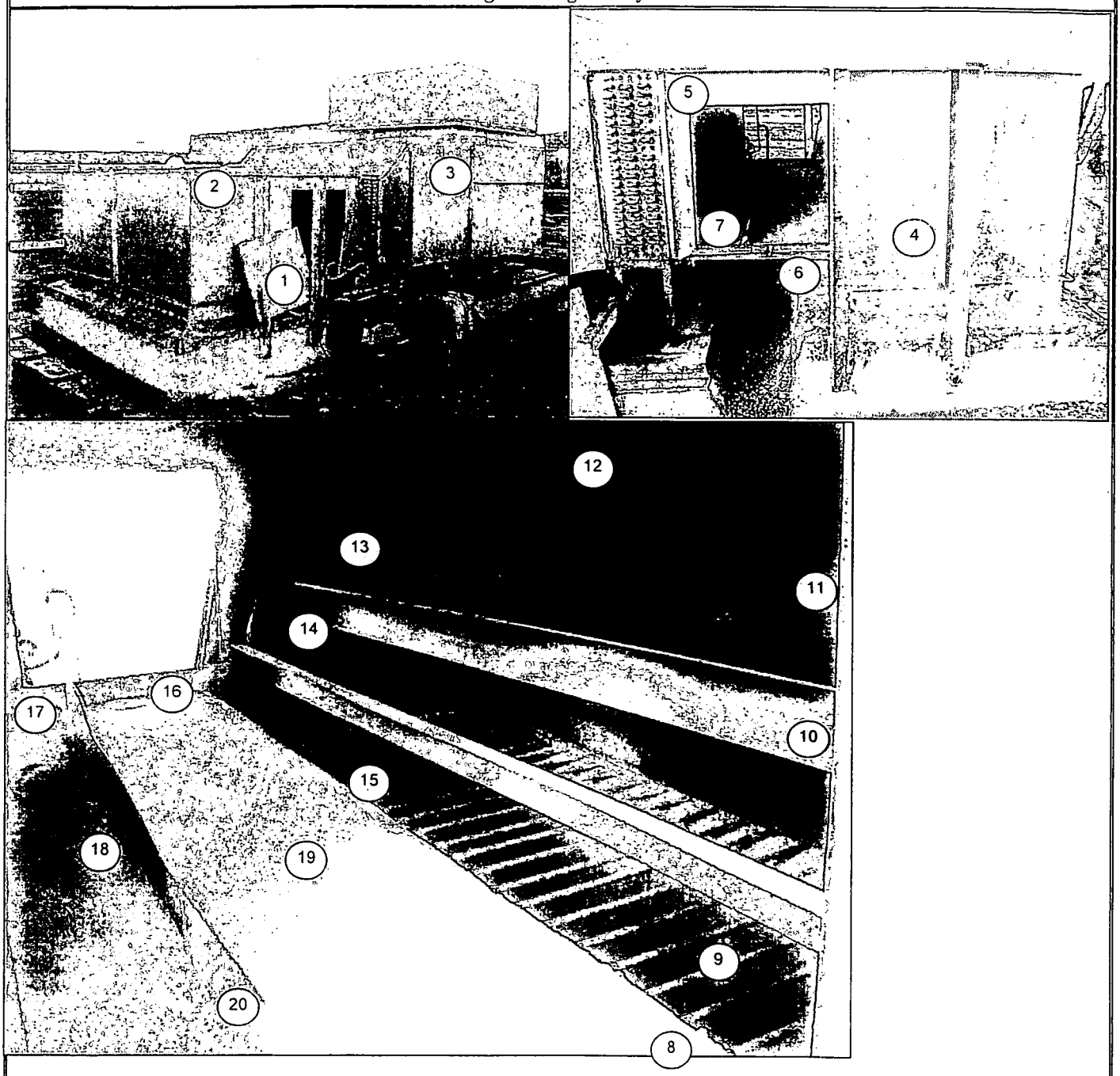
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Drawing Showing Survey Points



ROOF COOLER ABOVE RM.148

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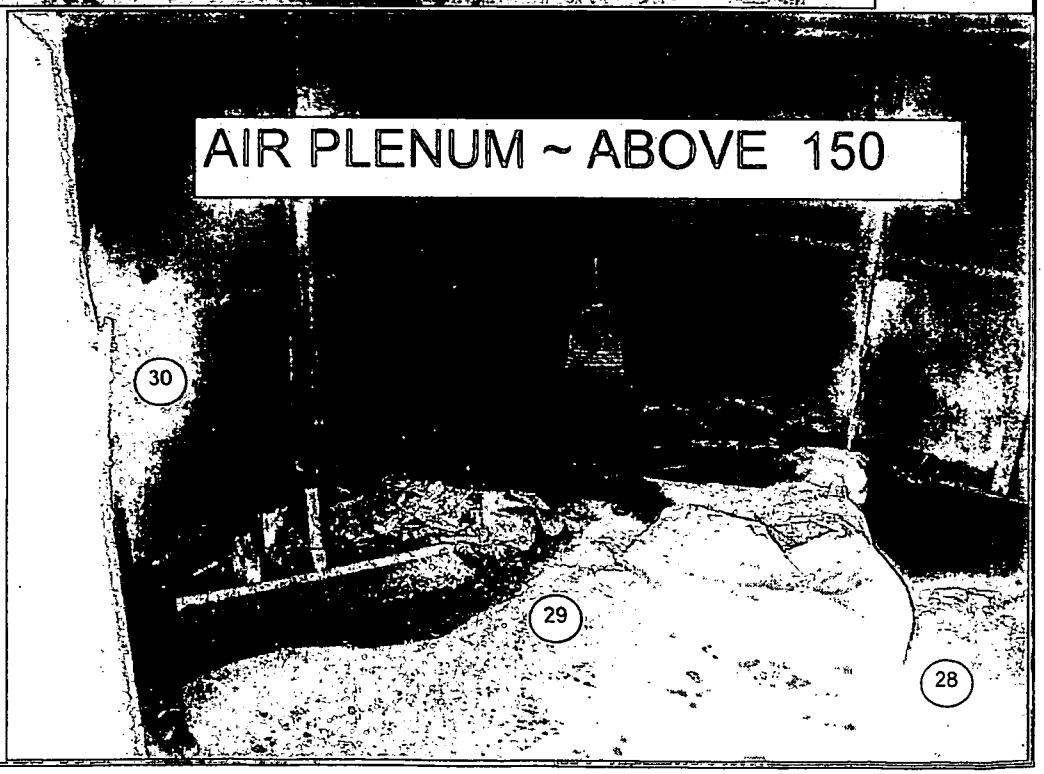
Drawing Showing Survey Points



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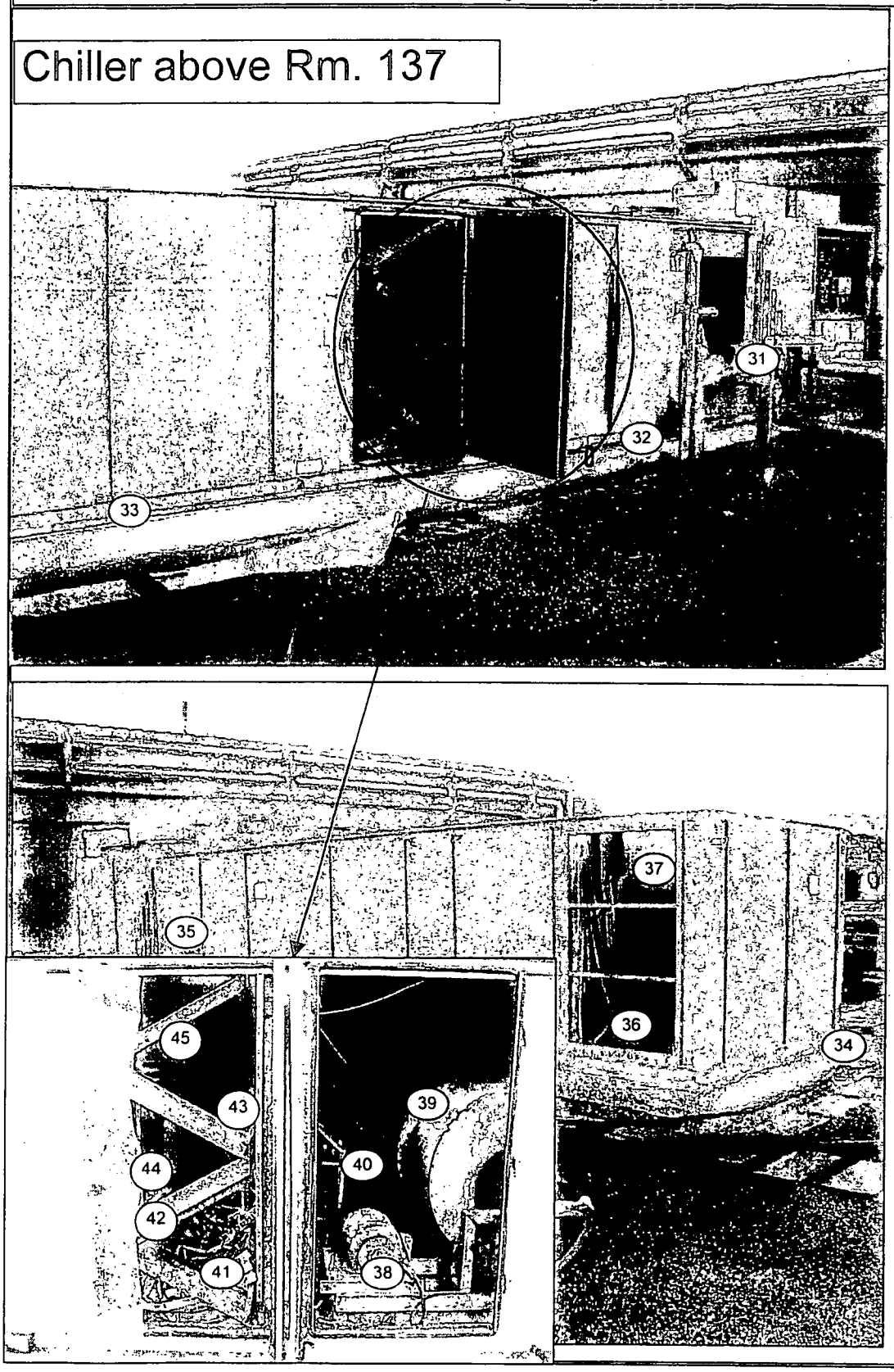
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Drawing Showing Survey Points



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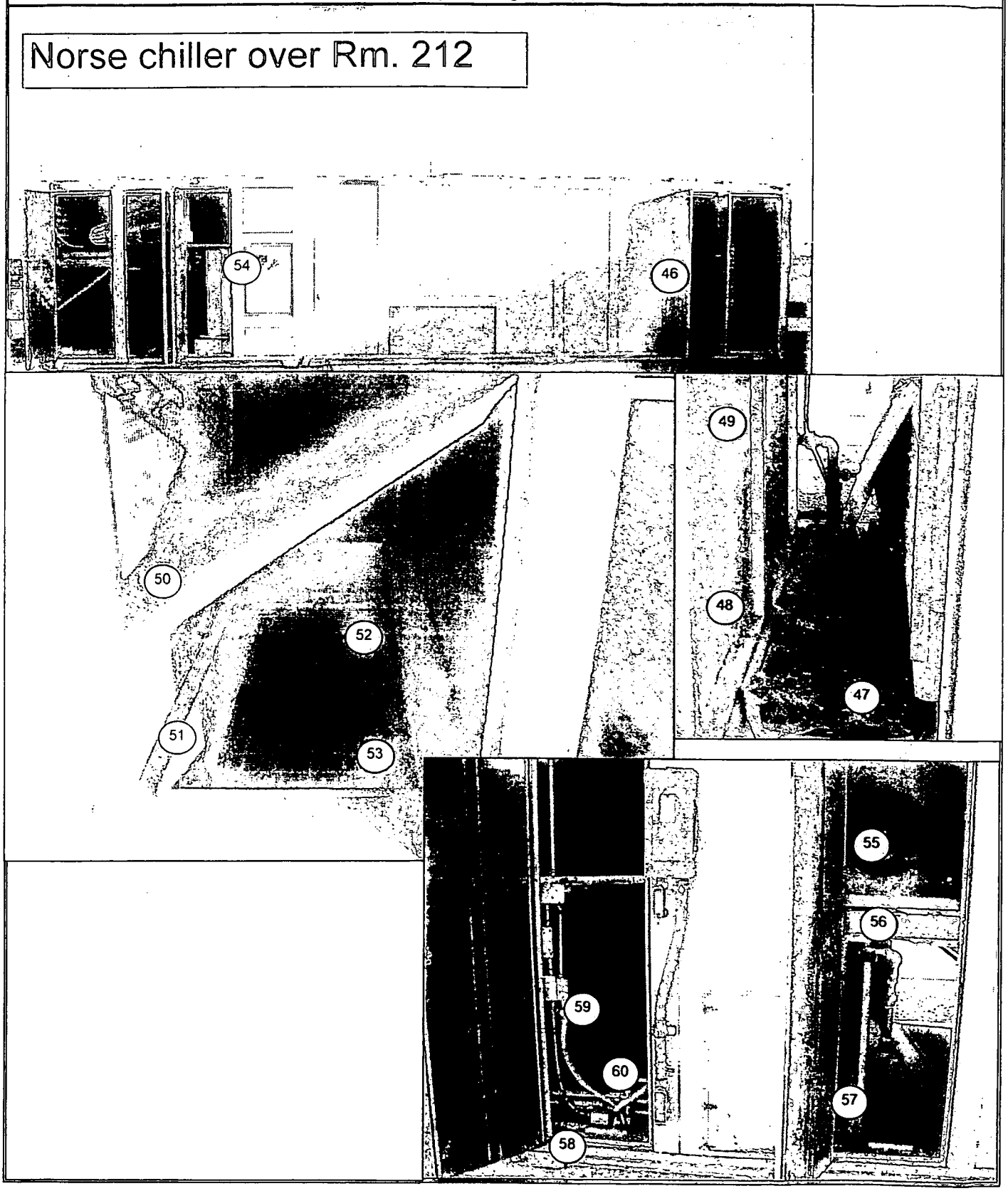
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

Drawing Showing Survey Points

Norse chiller over Rm. 212



ATTACHMENT B-27

EXTERIOR CONFIRMATORY RADIOLOGICAL SURVEY FORMS

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	NE Electra	Mfg.	NE Electra
Model	BC 4	Model	DP-6	Model	DP-6
Serial #	707	Serial #	N/A	Serial #	3127
Cal Due	10/14/05	Cal Due	N/A	Cal Due	2/16/05
Bkg	46.3 cpmβ	Bkg	N/A cpmα	Bkg	3.0 cpmα
Efficiency	14.00 %	Efficiency	N/A %	Efficiency	20.50 %
MDA	258 dpmβ	MDA	###### dpmα	MDA	53 dpmα

Mfg.	Eberline	Mfg.	NE Electra	Mfg.	NE Electra
Model	BC 4	Model	DP-6	Model	DP-6
Serial #	843	Serial #	N/A	Serial #	3127
Cal Due	10/4/05	Cal Due	N/A	Cal Due	2/16/05
Bkg	45.9 cpmβ	Bkg	N/A cpmβ	Bkg	673.0 cpmβ
Efficiency	14.00 %	Efficiency	N/A %	Efficiency	22.00 %
MDA	258 dpmβ	MDA	###### dpmβ	MDA	745 dpmβ

Survey Tracking # ~~N/A~~ 444-V1A9-08

Survey Type: Contamination

Building: 444

Location: External walls, docks ,and roof

Purpose: Pre-demolition Verification

RWP #: N/A

Date: 2/14/05 Time: 1545

[redacted]

PRN/REN # : N/A

Comments: Nuclides of concern is Depleted Uranium (DU). Survey performed to verify contamination levels of B444 external walls ,docks, and roof prior to demolition. Performed swipe survey of walls ,docks, and roof of B444. Beta efficiency listed reflects correction for DU. Calibrated efficiency for both BC-4 # 843 and BC-4 #707 is 25.0% and for Electra #3127 is 31.6%

SURVEY RESULTS

	LOCATION	ALPHA			BETA		
		Swipe	Direct	Wipe	Swipe	Direct	Wipe
#		dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
1	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
2	B444 External wall	N/A	N/A	N/A	<258	<745	N/A
3	B444 Dock area	N/A	N/A	N/A	<258	N/A	N/A
4	B444 External wall	N/A	N/A	N/A	<258	<745	N/A
5	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
6	B444 Dock area	N/A	N/A	N/A	<258	<745	N/A
7	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
8	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
9	B444 Strairs and landing	N/A	N/A	N/A	<258	N/A	N/A
10	B444 Strairs and landing	N/A	N/A	N/A	<258	<745	N/A
11	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
12	B444 External wall	N/A	N/A	N/A	<258	<745	N/A
13	B444 Dock area and external wall	N/A	N/A	N/A	<258	N/A	N/A
14	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
15	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
16	B444 External wall	N/A	N/A	N/A	<258	<745	N/A
17	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
18	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
19	B444 External wall	N/A	N/A	N/A	<258	<745	N/A
20	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A

Date Reviewed: 2/15/05 **RS Supervision:** [redacted]

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

	LOCATION	ALPHA			BETA		
		Swipe	Direct	Wipe	Swipe	Direct	Wipe
#		dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
21	B444 External wall	N/A	N/A	N/A	<258	<745	N/A
22	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
23	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
24	B444 External wall	N/A	N/A	N/A	<258	<745	N/A
25	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
26	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
27	B444 External wall	N/A	N/A	N/A	<258	<745	N/A
28	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
29	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
30	B444 External wall	N/A	N/A	N/A	<258	<745	N/A
31	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
32	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
33	B444 External wall	N/A	N/A	N/A	<258	<745	N/A
34	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
35	B444 External wall and entryway	N/A	N/A	N/A	<258	N/A	N/A
36	B444 External wall	N/A	N/A	N/A	<258	<745	N/A
37	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
38	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
39	B444 Stairs and door landing	N/A	N/A	N/A	<258	N/A	N/A
40	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
41	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
42	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
43	B444 External wall	N/A	N/A	N/A	<258	<745	N/A
44	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
45	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
46	B444 External wall	N/A	N/A	N/A	<258	N/A	N/A
47	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
48	B444 Roof	N/A	N/A	N/A	<258	<745	N/A
49	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
50	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
51	B444 Roof	N/A	N/A	N/A	<258	<745	N/A
52	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
53	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
54	B444 Roof	N/A	N/A	N/A	<258	<745	N/A
55	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
56	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
57	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
58	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
59	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
60	B444 Roof	N/A	N/A	N/A	<258	<745	N/A
61	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
62	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
63	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
64	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
65	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
66	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
67	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A

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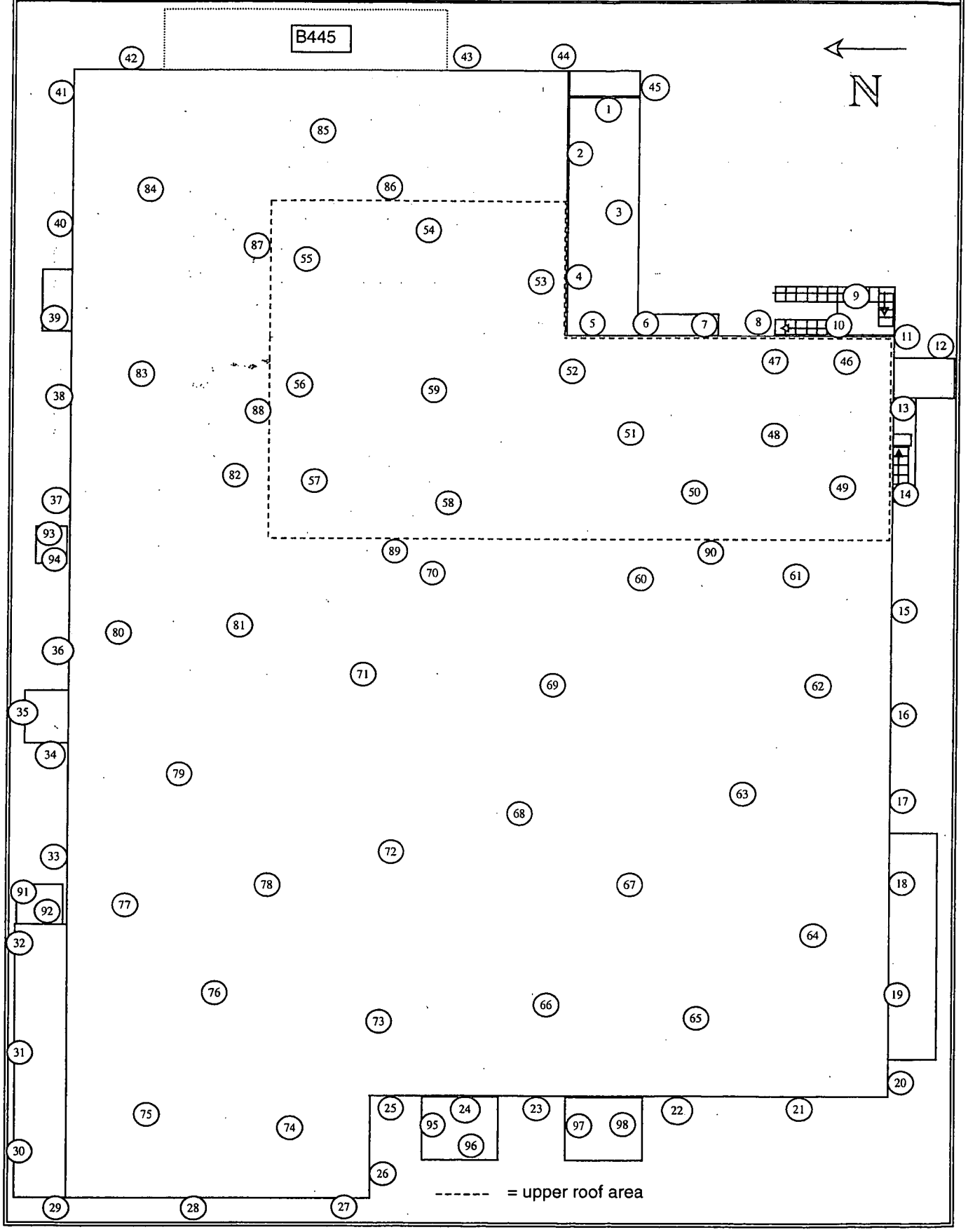
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SURVEY RESULTS

		ALPHA			BETA		
	LOCATION	Swipe	Direct	Wipe	Swipe	Direct	Wipe
#		dpm/100cm2	dpm/100cm2	dpm/wipe	dpm/100cm2	dpm/100cm2	dpm/wipe
68	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
69	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
70	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
71	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
72	B444 Roof	N/A	N/A	N/A	<258	<745	N/A
73	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
74	B444 Roof	N/A	N/A	N/A	<258	<745	N/A
75	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
76	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
77	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
78	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
79	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
80	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
81	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
82	B444 Roof	N/A	N/A	N/A	<258	<745	N/A
83	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
84	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
85	B444 Roof	N/A	N/A	N/A	<258	N/A	N/A
86	B444 External wall second level	N/A	N/A	N/A	<258	<745	N/A
87	B444 External wall second level	N/A	N/A	N/A	<258	N/A	N/A
88	B444 External wall second level	N/A	N/A	N/A	<258	N/A	N/A
89	B444 External wall second level	N/A	N/A	N/A	<258	N/A	N/A
90	B444 External wall second level	N/A	N/A	N/A	<258	N/A	N/A
91	B444 Pad at door # 30T	N/A	N/A	N/A	<258	<745	N/A
92	B444 Pad at door # 30T	N/A	N/A	N/A	<258	<745	N/A
93	B444 Pad at door # 32	N/A	N/A	N/A	<258	<745	N/A
94	B444 Pad at door # 32	N/A	N/A	N/A	<258	<745	N/A
95	B444 Pad at roll-up door	N/A	N/A	N/A	<258	<745	N/A
96	B444 Pad at roll-up door	N/A	N/A	N/A	<258	<745	N/A
97	B444 Pad at roll-up door	N/A	N/A	N/A	<258	<745	N/A
98	B444 Pad at roll-up door	N/A	N/A	N/A	<258	<745	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE



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ATTACHMENT C

CHEMICAL DATA SUMMARIES AND SAMPLE MAPS

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ATTACHMENT C-1

VIA 1 PDS BERYLLIUM DATA SUMMARIES AND SAMPLE MAPS

Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
1	B444-1	117	05D0302	444-12132004-213-001	B444 PDS:SAMPLE PT 1;FLOOR; VIA 1	<0.1
2	B444-1	Corridor A1	05Z0254	444-11092004-213-002	B444,VIA-1:PDS FLOOR SAMPLE,POINT 2	<0.1
3	B444-1	115	05Z0666	444-12292004-213-003	B444 PDS FLOOR SAMPLE PT 3, VIA 1	0.131
3	B444-1	115	05Z0785	444-01122005-213-003	B444 PDS PT 3,POST-FIXATIVE, FLOOR,VIA 1	<0.1
4	B444-1	116	05D0302	444-12132004-213-004	B444 PDS:SAMPLE PT 4;FLOOR; VIA 1	<0.1
5	B444-1	120	05Z0254	444-11092004-213-005	B444,VIA-1:PDS FLOOR SAMPLE,POINT 5	<0.1
6	B444-1	125	05Z0254	444-11092004-213-006	B444,VIA-1:PDS FLOOR SAMPLE,POINT 6	<0.1
7	B444-1	137	05Z0254	444-11092004-213-007	B444,VIA-1:PDS FLOOR SAMPLE,POINT 7	<0.1
8	B444-1	115	05Z0666	444-12292004-213-008	B444 PDS FLOOR SAMPLE PT 8, VIA 1	<0.1
9	B444-1	Corridor A1	05Z0254	444-11092004-213-009	B444,VIA-1:PDS FLOOR SAMPLE,POINT 9	<0.1
10	B444-1	124	05Z0254	444-11092004-213-010	B444,VIA-1:PDS FLOOR SAMPLE,POINT 10	<0.1
11	B444-1	115	05Z0666	444-12292004-213-011	B444 PDS FLOOR SAMPLE PT 11, VIA 1	<0.1
12	B444-1	124	05Z0254	444-11092004-213-012	B444,VIA-1:PDS FLOOR SAMPLE,POINT 12	<0.1
13	B444-1	116	05D0302	444-12132004-213-013	B444 PDS:SAMPLE PT 13;FLOOR; VIA 1	<0.1
14	B444-1	137A	05Z0254	444-11092004-213-014	B444,VIA-1:PDS FLOOR SAMPLE,POINT 14	<0.1
15	B444-1	Corridor A1	05Z0254	444-11092004-213-015	B444,VIA-1:PDS FLOOR SAMPLE,POINT 15	<0.1
16	B444-1	137B	05Z0254	444-11092004-213-016	B444,VIA-1:PDS FLOOR SAMPLE,POINT 16	<0.1
17	B444-1	Corridor A3	05Z0254	444-11092004-213-017	B444,VIA-1:PDS FLOOR SAMPLE,POINT 17	0.14
17	B444-1	Corridor A3	05Z0285	444-11202004-602-110	B444, VIA-1: PDS POST DECON OF FLOOR, SAMPLE POINT 17	<0.1
18	B444-1	Corridor A1	05Z0254	444-11092004-213-018	B444,VIA-1:PDS FLOOR SAMPLE,POINT 18	<0.1
19	B444-1	115	05Z0666	444-12292004-213-019	B444 PDS FLOOR SAMPLE PT 19, VIA 1	<0.1
20	B444-1	124	05Z0254	444-11092004-213-020	B444,VIA-1:PDS FLOOR SAMPLE,POINT 20	<0.1
21	B444-1	124	05Z0254	444-11092004-213-021	B444,VIA-1:PDS FLOOR SAMPLE,POINT 21	<0.1
22	B444-1	125 Pit	05Z0254	444-11092004-213-022	B444,VIA-1:PDS FLOOR SAMPLE,POINT 22	<0.1
23	B444-1	115	05Z0666	444-12292004-213-023	B444 PDS FLOOR SAMPLE PT 23, VIA 1	<0.1
24	B444-1	116	05D0302	444-12132004-213-024	B444 PDS:SAMPLE PT 24;FLOOR; VIA 1	<0.1
25	B444-1	Corridor A3	05Z0254	444-11092004-213-025	B444,VIA-1:PDS FLOOR SAMPLE,POINT 25	<0.1
26	B444-1	Corridor A1	05Z0254	444-11092004-213-026	B444,VIA-1:PDS FLOOR SAMPLE,POINT 26	<0.1
27	B444-1	115	05Z0666	444-12292004-213-027	B444 PDS FLOOR SAMPLE PT 27, VIA 1	<0.1
28	B444-1	112	05Z0666	444-12292004-213-028	B444 PDS FLOOR SAMPLE PT 28, VIA 1	<0.1
29	B444-1	125 Pit	05Z0254	444-11092004-213-029	B444,VIA-1:PDS FLOOR SAMPLE,POINT 29	<0.1
30	B444-1	116	05D0302	444-12132004-213-030	B444 PDS:SAMPLE PT 30;FLOOR; VIA 1	<0.1
31	B444-1	154	05Z0254	444-11092004-213-031	B444,VIA-1:PDS FLOOR SAMPLE,POINT 31	<0.1
32	B444-1	124	05Z0254	444-11092004-213-032	B444,VIA-1:PDS FLOOR SAMPLE,POINT 32	<0.1
33	B444-1	Corridor A1	05Z0254	444-11092004-213-033	B444,VIA-1:PDS FLOOR SAMPLE,POINT 33	<0.1
34	B444-1	172A	05Z0254	444-11092004-213-034	B444,VIA-1:PDS FLOOR SAMPLE,POINT 34	<0.1
35	B444-1	South Dock	05D0302	444-12132004-213-035	B444 PDS:SAMPLE PT 35;FLOOR; VIA 1	<0.1
36	B444-1	115	05Z0666	444-12292004-213-036	B444 PDS FLOOR SAMPLE PT 36, VIA 1	<0.1
37	B444-1	117	05D0302	444-12132004-213-037	B444 PDS:SAMPLE PT 37;FLOOR; VIA 1	<0.1
38	B444-1	Corridor A2	05Z0254	444-11092004-213-038	B444,VIA-1:PDS FLOOR SAMPLE,POINT 38	<0.1
39	B444-1	102	05Z0666	444-12292004-213-039	B444 PDS FLOOR SAMPLE PT 39, VIA 1	<0.1
40	B444-1	117	05D0302	444-12132004-213-040	B444 PDS:SAMPLE PT 40;FLOOR; VIA 1	<0.1
41	B444-1	137	05Z0254	444-11092004-213-041	B444,VIA-1:PDS FLOOR SAMPLE,POINT 41	<0.1
42	B444-1	116	05D0302	444-12132004-213-042	B444 PDS:SAMPLE PT 42;FLOOR; VIA 1	<0.1
43	B444-1	Corridor A3	05Z0254	444-11092004-213-043	B444,VIA-1:PDS FLOOR SAMPLE,POINT 43	<0.1
44	B444-1	112	05Z0666	444-12292004-213-044	B444 PDS FLOOR SAMPLE PT 44, VIA 1	<0.1
45	B444-1	128A	05Z0254	444-11092004-213-045	B444,VIA-1:PDS FLOOR SAMPLE,POINT 45	<0.1
46	B444-1	116	05D0302	444-12132004-213-046	B444 PDS:SAMPLE PT 46;FLOOR; VIA 1	<0.1
47	B444-1	116B	05Z0254	444-11092004-213-047	B444,VIA-1:PDS FLOOR SAMPLE,POINT 47	<0.1
48	B444-1	125	05Z0254	444-11092004-213-048	B444,VIA-1:PDS FLOOR SAMPLE,POINT 48	<0.1
49	B444-1	CORRIDOR B	05Z0254	444-11092004-213-049	B444,VIA-1:PDS FLOOR SAMPLE,POINT 49	<0.1
50	B444-1	175	05Z0254	444-11092004-213-050	B444,VIA-1:PDS FLOOR SAMPLE,POINT 50	<0.1
51	B444-1	124	05Z0254	444-11092004-213-051	B444,VIA-1:PDS FLOOR SAMPLE,POINT 51	<0.1
52	B444-1	170	05Z0254	444-11092004-213-052	B444,VIA-1:PDS FLOOR SAMPLE,POINT 52	<0.1
53	B444-1	172	05Z0254	444-11092004-213-053	B444,VIA-1:PDS FLOOR SAMPLE,POINT 53	<0.1
54	B444-1	137	05Z0254	444-11092004-213-054	B444,VIA-1:PDS FLOOR SAMPLE,POINT 54	<0.1
55	B444-1	116	05D0302	444-12132004-213-055	B444 PDS:SAMPLE PT 55;FLOOR; VIA 1	<0.1
56	B444-1	112	05Z0666	444-12292004-213-056	B444 PDS FLOOR SAMPLE PT 56, VIA 1	<0.1
57	B444-1	Corridor A2	05Z0254	444-11092004-213-057	B444,VIA-1:PDS FLOOR SAMPLE,POINT 57	<0.1
58	B444-1	Corridor A2	05Z0254	444-11092004-213-058	B444,VIA-1:PDS FLOOR SAMPLE,POINT 58	<0.1

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
59	B444-1	CORRIDOR B	05Z0254	444-11092004-213-059	B444,VIA-1:PDS FLOOR SAMPLE,POINT 59	<0.1
60	B444-1	110	05Z0666	444-12292004-213-060	B444 PDS FLOOR SAMPLE PT 60, VIA 1	<0.1
61	B444-1	125	05Z0254	444-11092004-213-061	B444,VIA-1:PDS FLOOR SAMPLE,POINT 61	<0.1
62	B444-1	117	05D0302	444-12132004-213-062	B444 PDS:SAMPLE PT 62;FLOOR; VIA 1	<0.1
63	B444-1	103C	05Z0666	444-12292004-213-063	B444 PDS FLOOR SAMPLE PT 63, VIA 1	<0.1
64	B444-1	115	05Z0666	444-12292004-213-064	B444 PDS FLOOR SAMPLE PT 64, VIA 1	0.101
64	B444-1	115	05Z0785	444-01122005-213-064	B444 PDS PT 64,POSTFIXATIVE,,FLOOR,VIA 1	<0.1
65	B444-1	117	05D0302	444-12132004-213-065	B444 PDS:SAMPLE PT 65;FLOOR; VIA 1	<0.1
66	B444-1	124	05Z0254	444-11092004-213-066	B444,VIA-1:PDS FLOOR SAMPLE,POINT 66	<0.1
67	B444-1	117	05D0302	444-12132004-213-067	B444 PDS:SAMPLE PT 67;FLOOR; VIA 1	<0.1
68	B444-1	110	05Z0666	444-12292004-213-068	B444 PDS FLOOR SAMPLE PT 68, VIA 1	<0.1
69	B444-1	116	05D0302	444-12132004-213-069	B444 PDS:SAMPLE PT 69;FLOOR; VIA 1	<0.1
70	B444-1	125	05Z0254	444-11092004-213-070	B444,VIA-1:PDS FLOOR SAMPLE,POINT 70	<0.1
71	B444-1	137	05Z0254	444-11092004-213-071	B444,VIA-1:PDS FLOOR SAMPLE,POINT 71	<0.1
72	B444-1	120	05Z0254	444-11092004-213-072	B444,VIA-1:PDS FLOOR SAMPLE,POINT 72	<0.1
73	B444-1	116	05D0302	444-12132004-213-073	B444 PDS:SAMPLE PT 73;FLOOR; VIA 1	<0.1
74	B444-1	115	05Z0666	444-12292004-213-074	B444 PDS FLOOR SAMPLE PT 74, VIA 1	<0.1
75	B444-1	124	05Z0254	444-11092004-213-075	B444,VIA-1:PDS FLOOR SAMPLE,POINT 75	<0.1
76	B444-1	CORRIDOR B	05Z0254	444-11092004-213-076	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
77	B444-1	125	05Z0254	444-11092004-213-077	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
78	B444-1	125	05Z0254	444-11092004-213-078	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
79	B444-1	122	05Z0254	444-11092004-213-079	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
80	B444-1	Corridor A3	05Z0254	444-11092004-213-080	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
81	B444-1	CORRIDOR B	05Z0254	444-11092004-213-081	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
82	B444-1	125	05Z0254	444-11092004-213-082	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
83	B444-1	125	05Z0254	444-11092004-213-083	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
84	B444-1	122	05Z0254	444-11092004-213-084	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
85	B444-1	116B	05Z0254	444-11092004-213-085	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
86	B444-1	163	05Z0254	444-11092004-213-086	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
87	B444-1	162	05Z0254	444-11092004-213-087	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
88	B444-1	128	05Z0254	444-11092004-213-088	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
89	B444-1	172	05Z0254	444-11092004-213-089	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
90	B444-1	172A	05Z0254	444-11092004-213-090	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
91	B444-1	172B	05Z0254	444-11092004-213-091	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
92	B444-1	Corridor A1	05Z0254	444-11092004-213-092	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
93	B444-1	CORRIDOR B	05Z0254	444-11092004-213-093	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
94	B444-1	137	05Z0254	444-11092004-213-094	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
95	B444-1	137	05Z0254	444-11092004-213-095	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
96	B444-1	124A	05Z0254	444-11092004-213-096	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
97	B444-1	116C	05Z0254	444-11092004-213-097	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
98	B444-1	Corridor A2	05Z0254	444-11092004-213-098	B444,VIA-1:BIAS FLOOR SAMPLE	0.38
98	B444-1	Corridor A2	05Z0285	444-11202004-602-105	B444, VIA-1: BIAS POST DECON OF FLOOR, SAMPLE POINT 98	<0.1
99	B444-1	Corridor A1	05Z0254	444-11092004-213-099	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
100	B444-1	125 Pit	05Z0254	444-11092004-213-100	B444,VIA-1:BIAS FLOOR SAMPLE,PIT	<0.1
101	B444-1	Corridor A1	05Z0254	444-11092004-213-101	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
102	B444-1	170	05Z0254	444-11092004-213-102	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
103	B444-1	CORRIDOR B	05Z0254	444-11092004-213-103	B444,VIA-1:BIAS FLOOR SAMPLE	<0.1
104	B444-1	Corridor A2	05Z0285	444-11202004-602-101	B444, VIA-1: BIAS POST DECON OF FLOOR, NORTH EAST OF SAMPLE 98	<0.1
105	B444-1	Corridor A2	05Z0285	444-11202004-602-102	B444, VIA-1: BIAS POST DECON OF FLOOR, SOUTH EAST OF SAMPLE 98	<0.1
106	B444-1	Corridor A2	05Z0285	444-11202004-602-103	B444, VIA-1: BIAS POST DECON OF FLOOR, SOUTH WEST OF SAMPLE 98	<0.1
107	B444-1	Corridor A2	05Z0285	444-11202004-602-104	B444, VIA-1: BIAS POST DECON OF FLOOR, NORTH WEST OF SAMPLE 98	<0.1
108	B444-1	124	05Z0448	444-11092004-213-108	B444,VIA-1:BIAS OVERHEAD SAMPLE;WINDOW SILL	<0.1
109	B444-1	124	05Z0448	444-11092004-213-109	B444,VIA-1:BIAS OVERHEAD SAMPLE;WINDOW SILL	<0.1

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
110	B444-1	125	05Z0448	444-11092004-213-110	B444,VIA-1:BIAS OVERHEAD SAMPLE;TRANSITE/WALL	<0.1
111	B444-1	125	05Z0448	444-11092004-213-111	B444,VIA-1:BIAS OVERHEAD SAMPLE;TRANSITE/WALL	<0.1
112	B444-1	125	05Z0448	444-11092004-213-112	B444,VIA-1:BIAS OVERHEAD SAMPLE;TRANSITE/WALL	<0.1
113	B444-1	172A	05Z0448	444-11092004-213-113	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
114	B444-1	172	05Z0448	444-11092004-213-114	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
115	B444-1	172	05Z0448	444-11092004-213-115	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
116	B444-1	172B	05Z0448	444-11092004-213-116	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
117	B444-1	125	05Z0448	444-11092004-213-117	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
118	B444-1	125	05Z0448	444-11092004-213-118	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
119	B444-1	125	05Z0448	444-11092004-213-119	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
120	B444-1	125	05Z0448	444-11092004-213-120	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
121	B444-1	125	05Z0448	444-11092004-213-121	B444,VIA-1:BIAS OVERHEAD SAMPLE;CRANE RAIL	<0.1
122	B444-1	126	05Z0448	444-11092004-213-122	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
123	B444-1	124	05Z0448	444-11092004-213-123	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	0.643
123	B444-1	124	05Z0454	444-12082004-213-123	B444 PDS POST-ENCAP: SAMPLE POINT 123, FIRE PIPE	<0.1
124	B444-1	124	05Z0448	444-11092004-213-124	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
125	B444-1	120	05Z0448	444-11092004-213-125	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
126	B444-1	124	05Z0448	444-11092004-213-126	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	0.353
126	B444-1	124	05Z0454	444-12082004-213-126	B444 PDS POST-ENCAP: SAMPLE POINT 126, FIRE PIPE	<0.1
127	B444-1	124	05Z0448	444-11092004-213-127	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE/PASSTHRU	<0.1
128	B444-1	137	05Z0448	444-11092004-213-128	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE/VENTDUCT	<0.1
129	B444-1	137	05Z0448	444-11092004-213-129	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE/ANGLEIRON	<0.1
130	B444-1	137	05Z0448	444-11092004-213-130	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
131	B444-1	137	05Z0448	444-11092004-213-131	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
132	B444-1	125	05Z0448	444-11092004-213-132	B444,VIA-1:BIAS OVERHEAD SAMPLE;DUCT PASSTHRU	<0.1
133	B444-1	137	05Z0448	444-11092004-213-133	B444,VIA-1:BIAS OVERHEAD SAMPLE;PIPE PASSTHRU	<0.1
134	B444-1	137	05Z0448	444-11092004-213-134	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
135	B444-1	Corridor A2	05Z0448	444-11092004-213-135	B444,VIA-1:BIAS OVERHEAD SAMPLE;PIPE PASSTHRU	<0.1
136	B444-1	Corridor A1	05Z0448	444-11092004-213-136	B444,VIA-1:BIAS OVERHEAD SAMPLE;PIPE PASSTHRU	<0.1
137	B444-1	Corridor A2	05Z0448	444-11092004-213-137	B444,VIA-1:BIAS OVERHEAD SAMPLE;FIREPIPE	<0.1
138	B444-1	Corridor A2	05Z0448	444-11092004-213-138	B444,VIA-1:BIAS OVERHEAD SAMPLE;PIPE PASSTHRU	<0.1

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VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100,cm^2)
139	B444-1	Corridor A1	05Z0448	444-11092004-213-139	B444,VIA-1:BIAS OVERHEAD SAMPLE;DUCT PASSTHRU	<0.1
140	B444-1	Corridor A1	05Z0448	444-11092004-213-140	B444,VIA-1:BIAS OVERHEAD SAMPLE;DUCT PASSTHRU	<0.1
141	B444-1	Corridor A1	05Z0448	444-11092004-213-141	B444,VIA-1:BIAS OVERHEAD SAMPLE;DUCT PASSTHRU	<0.1
142	B444-1	CORRIDOR B	05Z0448	444-11092004-213-142	B444,VIA-1:BIAS OVERHEAD SAMPLE;CEILING VENT/DUCT	<0.1
143	B444-1	125	05Z0448	444-11092004-213-143	B444,VIA-1:BIAS OVERHEAD SAMPLE;CEILING	<0.1
144	B444-1	125	05Z0448	444-11092004-213-144	B444,VIA-1:BIAS OVERHEAD SAMPLE;ROOF VENT	<0.1
145	B444-1	125	05Z0448	444-11092004-213-145	B444,VIA-1:BIAS OVERHEAD SAMPLE;ROOF VENT	<0.1
146	B444-1	137	05Z0448	444-11092004-213-146	B444,VIA-1:BIAS OVERHEAD SAMPLE;ROOF VENT	<0.1
147	B444-1	137	05Z0448	444-11092004-213-147	B444,VIA-1:BIAS OVERHEAD SAMPLE;SUPPLY DUCT	<0.1
148	B444-1	Corridor A1	05Z0448	444-11092004-213-148	B444,VIA-1:BIAS OVERHEAD SAMPLE;PIPE PASSTHRU	<0.1
149	B444-1	137	05Z0448	444-11092004-213-149	B444,VIA-1:BIAS FLOOR SAMPLE;PIPE PASSTHRU	<0.1
150	B444-1	Corridor A3	05Z0285	444-11202004-602-106	B444, VIA-1: BIAS POST DECON OF FLOOR, NORTH EAST OF SAMPLE 17	<0.1
151	B444-1	Corridor A3	05Z0285	444-11202004-602-107	B444, VIA-1: BIAS POST DECON OF FLOOR, SOUTH EAST OF SAMPLE 17	<0.1
152	B444-1	128	05Z0285	444-11202004-602-108	B444, VIA-1: BIAS POST DECON OF FLOOR, SOUTH WEST OF SAMPLE 17	<0.1
153	B444-1	137	05Z0285	444-11202004-602-109	B444, VIA-1: BIAS POST DECON OF FLOOR, NORTH WEST OF SAMPLE 17	<0.1
154	B444-1	125	05Z0285	444-11202004-602-111	B444, VIA-1: BIAS SAMPLE; TOP OF TEMPORARY ELECTRICAL PANEL	<0.1
155	B444-1	124	05Z0454	444-12082004-213-155	B444 PDS POST-ENCAP:E OF SAMPLEPOINT 123,FIRE PIPE	<0.1
156	B444-1	124	05Z0454	444-12082004-213-156	B444 PDS POST-ENCAP:E OF SAMPLEPOINT 123,FIRE PIPE	<0.1
157	B444-1	124	05Z0454	444-12082004-213-157	B444 PDS POST-ENCAP:E OF SAMPLEPOINT 123,FIRE PIPE	<0.1
158	B444-1	124	05Z0454	444-12082004-213-158	B444 PDS POST-ENCAP:SE OF SAMPLEPOINT 123,FIRE PIPE	<0.1
159	B444-1	124	05Z0454	444-12082004-213-159	B444 PDS POSTENCAP:W OF SAMPLEPOINT 126,FIRE PIPE	<0.1
160	B444-1	120	05Z0454	444-12082004-213-160	B444 PDS POSTENCAP:E OF SAMPLEPOINT 126,FIRE PIPE	<0.1
161	B444-1	120	05Z0454	444-12082004-213-161	B444 PDS POSTENCAP:E OF SAMPLEPOINT 126,FIRE PIPE	<0.1
162	B444-1	124	05Z0454	444-12082004-213-162	B444 PDS POSTENCAP:N OF SAMPLEPOINT 126,FIRE PIPE	<0.1
163	B444-1	Corridor A1	05Z0454	444-12082004-213-163	B444 PDS BIAS SAMPLE:@ DOOR 1/2 TO RM 101	<0.1
164	B444-1	Corridor A1	05Z0454	444-12082004-213-164	B444 PDS BIAS SAMPLE:OUTSIDE OF RM 154, S WALL	<0.1
165	B444-1	Corridor A1	05Z0454	444-12082004-213-165	B444 PDS BIAS SAMPLE:W END OF HALL @CORRIDOR B	<0.1
166	B444-1	137	05Z0454	444-12082004-213-166	B444 PDS BIAS SAMPLE:OUTSIDE OF RM 1, E WALL	<0.1
167	B444-1	Corridor A3	05D0301	444-12142004-213-167	B444 PDS POST ENCAP OF PT 167@S END NEAR RM 163 (Rewipe of RIN05Z0454)	<0.1
167	B444-1	Corridor A3	05Z0454	444-12082004-213-167	B444 PDS BIAS SAMPLE:OUTSIDE OF RM 163, W WALL	2.61
168	B444-1	137	05Z0454	444-12082004-213-168	B444 PDS BIAS SAMPLE:@ F2 ON ELECTRICAL EQUIPMENT	<0.1

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
169	B444-1	Corridor A3	05Z0454	444-12082004-213-169	B444 PDS BIAS SAMPLE:@ DOOR 1 EXIT	<0.1
170	B444-1	Corridor A3	05Z0454	444-12082004-213-170	B444 PDS BIAS SAMPLE:@ DOOR 1 EXIT	<0.1
171	B444-1	125	05Z0454	444-12082004-213-171	B444 PDS BIAS SAMPLE:@ J1 AREA	<0.1
172	B444-1	137	05Z0454	444-12082004-213-172	B444 PDS BIAS SAMPLE:S OF J2 AT N WALL OF RM 154	<0.1
173	B444-1	Corridor A3	05Z0454	444-12082004-213-173	B444 PDS BIAS SAMPLE:FLOOR SW OF E3	<0.1
174	B444-1	124	05Z0454	444-12082004-213-174	B444 PDS BIAS SAMPLE:FLOOR UNDER SAMPLE 123(PIPE)	<0.1
175	B444-1	Corridor A3	05D0301	444-12142004-213-175	B444 PDS POST ENCAP BIAS: 4 FT N OF PT 167	<0.1
176	B444-1	Corridor A3	05D0301	444-12142004-213-176	B444 PDS POST ENCAP BIAS: 4 FT S OF PT 167	<0.1
177	B444-1	Corridor A3	05D0301	444-12142004-213-177	B444 PDS POST ENCAP BIAS: E OF PT 167 @ WALL/CRACK	<0.1
178	B444-1	128	05D0301	444-12142004-213-178	B444 PDS POST ENCAP BIAS: 4 FT W OF PT 167	<0.1
179	B444-1	Corridor A2	05D0301	444-12142004-213-179	B444 PDS POST ENCAP BIAS: SE OF PT 167 (NO ENCAP)	<0.1
180	B444-1	Corridor A1	05D0301	444-12142004-213-180	B444 PDS POST ENCAP BIAS: S OF PT 167 (NO ENCAP)	<0.1
181	B444-1	Corridor A3	05D0301	444-12142004-213-181	B444 PDS POST ENCAP BIAS: N OF PT 167 IN WALLCRACK	<0.1
182	B444-1	Corridor A3	05D0301	444-12142004-213-182	B444 PDS POST ENCAP BIAS: N OF PT 167 (NO ENCAP)	0.113
182	B444-1	Corridor A3	05Z0663	444-12282004-213-182	B444 VIA1 - POSTENCAP BIAS SAMPLE, PT 182 (Rewipe of RIN 05D0301, Pt 182)	<0.1
183	B444-1	Corridor A3	05D0301	444-12142004-213-183	B444 PDS POST ENCAP BIAS: N OF PT 167 (NO ENCAP)	<0.1
185	B444-1	137	05Z0285	444-11202004-602-112	B444, VIA-1: BIAS SAMPLE; COMPOSITE SAMPLE, SIDES OF PANEL,HORIZONTAL SURFACES, FRONT AND BACK	<0.1
186	B444-1	137	05Z0285	444-11202004-602-113	B444, VIA-1: BIAS SAMPLE; UNISTRUT PANEL RACK BASE	<0.1
189	B444-1	116	05D0302	444-12132004-213-189	B444 PDS:BIAS SAMPLE:FLOOR 5 FT W OF PIT	<0.1
190	B444-1	116	05D0302	444-12132004-213-190	B444 PDS:BIAS SAMPLE:FLOOR 3 FT SE OF PIT@WALL	<0.1
191	B444-1	116	05D0302	444-12132004-213-191	B444 PDS:BIAS SAMPLE:FLOOR 3 FT SW OF PIT	0.252
191	B444-1	116	05Z0783	444-01072005-213-191	B444 PDS SAMPLE PT 191,POSTFIXATIVE,FLOOR	<0.1
192	B444-1	116A	05D0302	444-12132004-213-192	B444 PDS:BIAS SAMPLE:FLOOR SW END OF RM(116A AREA)	<0.1
193	B444-1	116	05D0302	444-12132004-213-193	B444 PDS:BIAS SAMPLE:FLOOR S END 116A	<0.1
194	B444-1	116 Pit	05D0302	444-12132004-213-194	B444 PDS:BIAS SAMPLE:PIT FLOOR:NW AREA	0.19
194	B444-1	116 Pit	05Z0783	444-01072005-213-194	B444 PDS SAMPLE PT 194,POSTFIXATIVE,FLOOR	<0.1
195	B444-1	116 Pit	05D0302	444-12132004-213-195	B444 PDS:BIAS SAMPLE:PIT FLOOR:NE AREA	<0.1
196	B444-1	116 Pit	05D0302	444-12132004-213-196	B444 PDS:BIAS SAMPLE:PIT FLOOR:SE AREA	<0.1
197	B444-1	116 Pit	05D0302	444-12132004-213-197	B444 PDS:BIAS SAMPLE:PIT FLOOR:SW AREA	0.127
197	B444-1	116 Pit	05Z0783	444-01072005-213-197	B444 PDS SAMPLE PT 197,POSTFIXATIVE,FLOOR	<0.1
198	B444-1	116 Pit	05D0302	444-12132004-213-198	B444 PDS:BIAS SAMPLE:PIT FLOOR:CENTER AREA	<0.1
199	B444-1	117A	05D0302	444-12132004-213-199	B444 PDS:BIAS SAMPLE:NW END OF RM (117A AREA)	<0.1

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
200	B444-1	117	05D0302	444-12132004-213-200	B444 PDS:BIAS SAMPLE:N END OF RM 117A	<0.1
201	B444-1	117	05D0302	444-12132004-213-201	B444 PDS:BIAS SAMPLE:NE END NEAR COLUMN A7	<0.1
203	B444-1	117	05D0302	444-12132004-213-203	B444 PDS:BIAS SAMPLE:NW END NEAR COLUMN C8	<0.1
204	B444-1	117	05D0302	444-12132004-213-204	B444 PDS:BIAS SAMPLE:W END NEAR COLUMN C9	<0.1
205	B444-1	117	05D0302	444-12132004-213-205	B444 PDS:BIAS SAMPLE:SW END NEAR COLUMN C10	<0.1
206	B444-1	117	05D0302	444-12132004-213-206	B444 PDS:BIAS SAMPLE:SW END NEAR COLUMN C11	<0.1
207	B444-1	117	05D0302	444-12132004-213-207	B444 PDS:BIAS SAMPLE:S END NEAR COLUMN B11	<0.1
208	B444-1	117C	05D0302	444-12132004-213-208	B444 PDS:BIAS SAMPLE:SE END NEAR COLUMN A11	<0.1
209	B444-1	117	05D0302	444-12132004-213-209	B444 PDS:BIAS SAMPLE:SE END NEAR COLUMN A10	<0.1
210	B444-1	117	05D0302	444-12132004-213-210	B444 PDS:BIAS SAMPLE:E END S OF COLUMN A9	<0.1
211	B444-1	117	05D0302	444-12132004-213-211	B444 PDS:BIAS SAMPLE:CENTER, BETWEEN B9 & C10	<0.1
212	B444-1	117	05D0302	444-12132004-213-212	B444 PDS:BIAS SAMPLE:CENTER, BETWEEN B10 & C11	<0.1
213	B444-1	117	05D0302	444-12132004-213-213	B444 PDS:BIAS SAMPLE:CENTER, BETWEEN A9 & B10	<0.1
214	B444-1	117	05D0302	444-12132004-213-214	B444 PDS:BIAS SAMPLE:CENTER, BETWEEN B10 & A11	<0.1
215	B444-1	117	05D0302	444-12132004-213-215	B444 PDS:BIAS SAMPLE:FLOOR AT DOOR 9,S END	<0.1
216	B444-1	117	05D0302	444-12132004-213-216	B444 PDS:BIAS SAMPLE:FLOOR DUCT@ COLUMNA7	0.265
216	B444-1	117	05Z0783	444-01072005-213-216	B444 PDS SAMPLE PT 216,POSTFIXATIVE,FLOOR DUCT	<0.1
217	B444-1	116 Pit	05D0302	444-12132004-213-217	B444 PDS:BIAS SAMPLE:BIG FLOOR DUCT IN PIT,NEAR A6	<0.1
218	B444-1	116	05D0302	444-12132004-213-218	B444 PDS:BIAS SAMPLE:FLOOR DUCT S OF COLUMN A4	<0.1
219	B444-1	116	05D0302	444-12132004-213-219	B444 PDS:BIAS SAMPLE:FLOOR DUCT S OF COLUMN A3	<0.1
220	B444-1	116	05D0302	444-12132004-213-220	B444 PDS:BIAS SAMPLE:FLOOR DUCT S OF COLUMN A2	<0.1
221	B444-1	116	05D0302	444-12132004-213-221	B444 PDS:BIAS SAMPLE:FLOOR DUCT S OF COLUMN A1	<0.1
222	B444-1	116	05D0302	444-12132004-213-222	B444 PDS:BIAS SAMPLE:FLOOR DUCT S OF COLUMN C1	<0.1
223	B444-1	116	05D0302	444-12132004-213-223	B444 PDS:BIAS SAMPLE:FLOOR DUCT N OF COLUMN C2	0.13
223	B444-1	116	05Z0783	444-01072005-213-223	B444 PDS SAMPLE PT 223,POSTFIXATIVE,FLOOR DUCT	<0.1
224	B444-1	116	05D0302	444-12132004-213-224	B444 PDS:BIAS SAMPLE:FLOOR DUCT S OF COLUMN C3	<0.1
225	B444-1	116	05D0302	444-12132004-213-225	B444 PDS:BIAS SAMPLE:FLOOR DUCT S OF COLUMN C4	<0.1
226	B444-1	116	05D0302	444-12132004-213-226	B444 PDS:BIAS SAMPLE:FLOOR DUCT N OF COLUMN C6	0.111
226	B444-1	116	05Z0783	444-01072005-213-226	B444 PDS SAMPLE PT 226,POSTFIXATIVE,FLOOR DUCT	<0.1
227	B444-1	116	05D0302	444-12132004-213-227	B444 PDS:BIAS SAMPLE:FLOOR DUCT S OF COLUMN C6	0.266
227	B444-1	116	05Z0783	444-01072005-213-227	B444 PDS SAMPLE PT 227,POSTFIXATIVE,FLOOR DUCT	<0.1

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
228	B444-1	116	05D0302	444-12132004-213-228	B444 PDS:BIAS SAMPLE:WALL BEWTEEN COLUMNS C1-B1	<0.1
229	B444-1	116	05D0302	444-12132004-213-229	B444 PDS:BIAS SAMPLE:WALL BEWTEEN COLUMNS A1-B1	<0.1
230	B444-1	116	05D0302	444-12132004-213-230	B444 PDS:BIAS SAMPLE:WALL BEWTEEN COLUMNS A2-A3	<0.1
231	B444-1	116	05D0302	444-12132004-213-231	B444 PDS:BIAS SAMPLE:WALL BEWTEEN COLUMNS C3-C4	<0.1
232	B444-1	116	05D0302	444-12132004-213-232	B444 PDS:BIAS SAMPLE:WALL BEWTEEN COLUMNS C1-C2	<0.1
233	B444-1	116	05D0302	444-12132004-213-233	B444 PDS:BIAS SAMPLE:WALL NEAR COLUMN C6	0.124
233	B444-1	116	05Z0783	444-01072005-213-233	B444 PDS SAMPLE PT 233,POSTFIXATIVE,WALL	<0.1
234	B444-1	117A	05D0302	444-12132004-213-234	B444 PDS:BIAS SAMPLE:WALL BETWEEN COLUMNS C7-C8	0.131
234	B444-1	117A	05Z0783	444-01072005-213-234	B444 PDS SAMPLE PT 234,POSTFIXATIVE,WALL	<0.1
235	B444-1	117	05D0302	444-12132004-213-235	B444 PDS:BIAS SAMPLE:WALL BETWEEN COLUMNS C8-C9	<0.1
236	B444-1	117	05D0302	444-12132004-213-236	B444 PDS:BIAS SAMPLE:WALL BETWEEN COLUMNS C10-C11	<0.1
237	B444-1	117	05D0302	444-12132004-213-237	B444 PDS:BIAS SAMPLE:WALL BETWEEN COLUMNS C11-B11	<0.1
238	B444-1	117	05D0302	444-12132004-213-238	B444 PDS:BIAS SAMPLE:WALL BETWEEN COLUMNS A9-A10	<0.1
239	B444-1	117	05D0302	444-12132004-213-239	B444 PDS:BIAS SAMPLE:WALL BETWEEN COLUMNS A7-A8	<0.1
240	B444-1	116	05D0302	444-12132004-213-240	B444 PDS:BIAS SAMPLE:TRANSITE/FRAME BETWEEN A1-B1	<0.1
241	B444-1	116	05D0302	444-12132004-213-241	B444 PDS:BIAS SAMPLE:TRANSITE/FRAME BETWEEN A3-A4	<0.1
242	B444-1	116	05D0302	444-12132004-213-242	B444 PDS:BIAS SAMPLE:TRANSITE/FRAME BETWEEN A6-A7	<0.1
243	B444-1	117	05D0302	444-12132004-213-243	B444 PDS:BIAS SAMPLE:TRANSITE/FRAME BETWEEN A8-A9	<0.1
244	B444-1	117	05D0302	444-12132004-213-244	B444 PDS:BIAS SAMPLE:TRANSITE/FRAME BETWEEN A10A11	<0.1
245	B444-1	117	05D0302	444-12132004-213-245	B444 PDS:BIAS SAMPLE:TRANSITE/FRAME BETWEEN C11B11	<0.1
249	B444-1	116	05D0302	444-12132004-213-249	B444 PDS:BIAS SAMPLE:FLOOR NW CORNER@WALL	<0.1
250	B444-1	116	05D0302	444-12132004-213-250	B444 PDS:BIAS SAMPLE:FLOOR SW OF COLUMN B1	<0.1
251	B444-1	116	05D0302	444-12132004-213-251	B444 PDS:BIAS SAMPLE:FLOOR SE OF COLUMN B1	<0.1
252	B444-1	116	05D0302	444-12132004-213-252	B444 PDS:BIAS SAMPLE:FLOOR SE CORNER@WALL	<0.1
253	B444-1	116	05D0302	444-12132004-213-253	B444 PDS:BIAS SAMPLE:FLOOR E OF COLUMN A2	<0.1
254	B444-1	116	05D0302	444-12132004-213-254	B444 PDS:BIAS SAMPLE:FLOOR W OF COLUMN C2	<0.1
255	B444-1	116	05D0302	444-12132004-213-255	B444 PDS:BIAS SAMPLE:FLOOR W OF COLUMN C3	<0.1
256	B444-1	116	05D0302	444-12132004-213-256	B444 PDS:BIAS SAMPLE:FLOOR E OF COLUMN A3	<0.1

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VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
257	B444-1	116	05D0302	444-12132004-213-257	B444 PDS:BIAS SAMPLE:FLOOR 5FT SW OF COLUMN A3	<0.1
258	B444-1	116	05D0302	444-12132004-213-258	B444 PDS:BIAS SAMPLE:FLOOR@DOORWAY TO RM700A	<0.1
259	B444-1	116	05D0302	444-12132004-213-259	B444 PDS:BIAS SAMPLE:FLOOR@NE OF CORRIDOR A DOOR	<0.1
260	B444-1	116	05D0302	444-12132004-213-260	B444 PDS:BIAS SAMPLE:FLOOR 15FT E OF CORRIDOR A	<0.1
261	B444-1	116	05D0302	444-12132004-213-261	B444 PDS:BIAS SAMPLE:FLOOR@SE OF CORRIDOR A DOOR	0.107
261	B444-1	116	05Z0783	444-01072005-213-261	B444 PDS SAMPLE PT 261,POSTFIXATIVE,FLOOR	<0.1
262	B444-1	116	05D0302	444-12132004-213-262	B444 PDS:BIAS SAMPLE:FLOOR@W DOOR TO ROOM 115	<0.1
263	B444-1	117C	05D0306	444-12152004-01-233	B444 VIA1 - PDS BIAS SAMPLE - OVERHEAD ORANGE RAIL MOUNTING	<0.1
264	B444-1	117	05D0306	444-12152004-01-234	B444 VIA1 - PDS BIAS SAMPLE - CEILING TRACK	<0.1
265	B444-1	117	05D0306	444-12152004-01-235	B444 VIA1 - PDS BIAS SAMPLE - CEILING DUCT PASSTHRU	<0.1
266	B444-1	117	05D0306	444-12152004-01-236	B444 VIA1 - PDS BIAS SAMPLE - CEILING TRACK	<0.1
267	B444-1	117	05D0306	444-12152004-01-237	B444 VIA1 - PDS BIAS SAMPLE - ROOF DRAIN OPENING	<0.1
268	B444-1	117	05D0306	444-12152004-01-238	B444 VIA1 - PDS BIAS SAMPLE - MOUNTED PIPE HANGER	<0.1
269	B444-1	117	05D0306	444-12152004-01-239	B444 VIA1 - PDS BIAS SAMPLE - CEILING BEAM BETWEEN B9 AND B10	<0.1
270	B444-1	117	05D0306	444-12152004-01-240	B444 VIA1 - PDS BIAS SAMPLE - EXHAUST FAN AND BARS	<0.1
271	B444-1	117	05D0306	444-12152004-01-241	B444 VIA1 - PDS BIAS SAMPLE - TRANSITE WALL AND FRAME	<0.1
272	B444-1	117	05D0306	444-12152004-01-242	B444 VIA1 - PDS BIAS SAMPLE - CEILING DUCT PASSTHRU	<0.1
273	B444-1	117	05D0306	444-12152004-01-243	B444 VIA1 - PDS BIAS SAMPLE - OVERHEAD ORANGE RAIL MOUNTING	<0.1
274	B444-1	117	05D0306	444-12152004-01-244	B444 VIA1 - PDS BIAS SAMPLE - PIPE PASSTHRU	<0.1
275	B444-1	117	05D0306	444-12152004-01-245	B444 VIA1 - PDS BIAS SAMPLE - MOUNTED PIPE HANGER	<0.1
276	B444-1	117	05D0306	444-12152004-01-246	B444 VIA1 - PDS BIAS SAMPLE - CEILING TRACK	<0.1
277	B444-1	117	05D0306	444-12152004-01-247	B444 VIA1 - PDS BIAS SAMPLE - CEILIING	<0.1
278	B444-1	117	05D0306	444-12152004-01-248	B444 VIA1 - PDS BIAS SAMPLE - CEILING BEAM BETWEEN B8 AND C8	<0.1
279	B444-1	117	05D0306	444-12152004-01-249	B444 VIA1 - PDS BIAS SAMPLE - CEILING TRACK	<0.1
280	B444-1	117	05D0306	444-12152004-01-250	B444 VIA1 - PDS BIAS SAMPLE - WALL OPENING	0.279
280	B444-1	117	05Z0783	444-01072005-213-280	B444 PDS SAMPLE PT 280,POSTFIXATIVE,WALL OPENING	<0.1
281	B444-1	116	05D0306	444-12152004-01-251	B444 VIA1 - PDS BIAS SAMPLE - OVERHEAD ORANGE RAIL MOUNTING	<0.1
282	B444-1	116	05D0306	444-12152004-01-252	B444 VIA1 - PDS BIAS SAMPLE - MOUNTED PIPE HANGER	<0.1
284	B444-1	116	05D0306	444-12152004-01-254	B444 VIA1 - PDS BIAS SAMPLE - CEILING TRACK	<0.1
285	B444-1	116	05D0306	444-12152004-01-255	B444 VIA1 - PDS BIAS SAMPLE - TRANSITE WALL AND FRAME	<0.1
286	B444-1	116	05D0306	444-12152004-01-256	B444 VIA1 - PDS BIAS SAMPLE - OVERHEAD ORANGE RAIL MOUNTING	<0.1

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VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
287	B444-1	116	05D0306	444-12152004-01-257	B444 VIA1 - PDS BIAS SAMPLE - MOUNTED PIPE HANGER	<0.1
288	B444-1	116	05D0306	444-12152004-01-258	B444 VIA1 - PDS BIAS SAMPLE - CEILING MOUNTED BOX	<0.1
289	B444-1	116	05D0306	444-12152004-01-259	B444 VIA1 - PDS BIAS SAMPLE - PIPE RUNNING THROUGH CEILING	<0.1
290	B444-1	116	05D0306	444-12152004-01-260	B444 VIA1 - PDS BIAS SAMPLE - CEILING DUCT PASSTHRU	<0.1
291	B444-1	116A	05D0306	444-12152004-01-261	B444 VIA1 - PDS BIAS SAMPLE - MOUNTED PIPE HANGER	<0.1
292	B444-1	117A	05D0306	444-12152004-01-262	B444 VIA1 - PDS BIAS SAMPLE - CEILIING	<0.1
293	B444-1	116	05D0306	444-12152004-01-263	B444 VIA1 - PDS BIAS SAMPLE - OVERHEAD ORANGE RAIL MOUNTING	<0.1
294	B444-1	116	05D0306	444-12152004-01-264	B444 VIA1 - PDS BIAS SAMPLE - WALL DUCT PASSTHRU	<0.1
295	B444-1	116	05D0306	444-12152004-01-265	B444 VIA1 - PDS BIAS SAMPLE - WALL DUCT PASSTHRU	<0.1
296	B444-1	116	05D0306	444-12152004-01-266	B444 VIA1 - PDS BIAS SAMPLE - CEILING TRACK	<0.1
297	B444-1	116	05D0306	444-12152004-01-267	B444 VIA1 - PDS BIAS SAMPLE - MOUNTED PIPE HANGER	<0.1
298	B444-1	116	05D0306	444-12152004-01-268	B444 VIA1 - PDS BIAS SAMPLE - PIPE PASSTHRU	<0.1
299	B444-1	116	05D0306	444-12152004-01-269	B444 VIA1 - PDS BIAS SAMPLE - WALL DUCT PASSTHRU	<0.1
300	B444-1	116	05D0306	444-12152004-01-270	B444 VIA1 - PDS BIAS SAMPLE - CEILING BEAM BETWEEN B3 AND B4	<0.1
301	B444-1	116	05D0306	444-12152004-01-271	B444 VIA1 - PDS BIAS SAMPLE - TRANSITE WALL AND FRAME	<0.1
302	B444-1	116	05D0306	444-12152004-01-272	B444 VIA1 - PDS BIAS SAMPLE - PIPE PASSTHRU	<0.1
303	B444-1	116	05D0306	444-12152004-01-273	B444 VIA1 - PDS BIAS SAMPLE - CEILING	<0.1
304	B444-1	116	05D0306	444-12152004-01-274	B444 VIA1 - PDS BIAS SAMPLE - OVERHEAD ORANGE RAIL MOUNTING	<0.1
305	B444-1	116	05D0306	444-12152004-01-275	B444 VIA1 - PDS BIAS SAMPLE - CEILING TRACK	<0.1
306	B444-1	116	05D0306	444-12152004-01-276	B444 VIA1 - PDS BIAS SAMPLE - VACUUM CLEANER PIPE	<0.1
307	B444-1	116	05D0306	444-12152004-01-277	B444 VIA1 - PDS BIAS SAMPLE - ROOF DRAIN OPENING	<0.1
308	B444-1	117	05D0306	444-12152004-01-278	B444 VIA1 - PDS BIAS SAMPLE - CEILING PIPE PASSTHRU	<0.1
309	B444-1	117	05D0306	444-12152004-01-279	B444 VIA1 - PDS BIAS SAMPLE - OVERHEAD ORANGE RAIL MOUNTING	0.106
309	B444-1	117	05Z0783	444-01072005-213-309	B444 PDS SAMPLE PT 309,POSTFIXATIVE,RAIL MOUNTING	<0.1
310	B444-1	111	05D0308	444-12162004-01-207	B444 VIA1 - PDS BIAS SAMPLE - FLOOR, NW SECTION	<0.1
311	B444-1	111	05D0308	444-12162004-01-208	B444 VIA1 - PDS BIAS SAMPLE - FLOOR, NE SECTION	<0.1
312	B444-1	111	05D0308	444-12162004-01-209	B444 VIA1 - PDS BIAS SAMPLE - FLOOR, E SECTION	<0.1
313	B444-1	111	05D0308	444-12162004-01-210	B444 VIA1 - PDS BIAS SAMPLE - FLOOR, SE SECTION	<0.1
314	B444-1	111	05D0308	444-12162004-01-211	B444 VIA1 - PDS BIAS SAMPLE - FLOOR, SW SECTION	<0.1
315	B444-1	111	05D0308	444-12162004-01-212	B444 VIA1 - PDS BIAS SAMPLE - FLOOR, W SECTION	<0.1
316	B444-1	111	05D0308	444-12162004-01-213	B444 VIA1 - PDS BIAS SAMPLE - ON TOP OF ELECTRICAL BOX, W WALL	0.108
316	B444-1	111	05Z0670	444-01042005-213-316	B444 VIA1 - PDS POSTFIXATIVE:N/W/ ELECTRICAL BOX,#316 (Rewipe of 05D0308)	<0.1

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VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
317	B444-1	111	05D0308	444-12162004-01-214	B444 VIA1 - PDS BIAS SAMPLE - MOUNTING BRACKET, N WALL	<0.1
318	B444-1	111	05D0308	444-12162004-01-215	B444 VIA1 - PDS BIAS SAMPLE - UPPER LEDGE, E WALL	<0.1
319	B444-1	111	05D0308	444-12162004-01-216	B444 VIA1 - PDS BIAS SAMPLE - TOP OF RECIEVER TANK	<0.1
320	B444-1	111	05D0308	444-12162004-01-217	B444 VIA1 - PDS BIAS SAMPLE - WEST GLYCOL COOLING UNIT	<0.1
321	B444-1	111	05D0308	444-12162004-01-218	B444 VIA1 - PDS BIAS SAMPLE - VALVE AND PIPING	<0.1
322	B444-1	111	05D0308	444-12162004-01-219	B444 VIA1 - PDS BIAS SAMPLE - RACK, W WALL	0.204
322	B444-1	111	05Z0670	444-01042005-213-322	B444 VIA1 - PDS POSTFIXATIVE:W WALL, RACK,#322 (Rewipe of 05D0308)	<0.1
323	B444-1	111	05D0308	444-12162004-01-220	B444 VIA1 - PDS BIAS SAMPLE - LOWER LEDGE, S WALL	<0.1
324	B444-1	111	05D0308	444-12162004-01-221	B444 VIA1 - PDS BIAS SAMPLE - OVERHEAD LIGHT	0.337
324	B444-1	111	05Z0670	444-01042005-213-324	B444 VIA1 - PDS POSTFIXATIVE:N/E OVERHEAD LIGHT,#324 (Rewipe of 05D0308)	<0.1
325	B444-1	111	05D0308	444-12162004-01-222	B444 VIA1 - PDS BIAS SAMPLE - DOOR JAM	0.194
325	B444-1	111	05Z0670	444-01042005-213-325	B444 VIA1 - PDS POSTFIXATIVE:DOOR FRAME,#325 (Rewipe of 05D0308)	<0.1
326	B444-1	111	05D0308	444-12162004-01-223	B444 VIA1 - PDS BIAS SAMPLE - PIPE, W SECTION OF ROOM	<0.1
327	B444-1	111	05D0308	444-12162004-01-224	B444 VIA1 - PDS BIAS SAMPLE - AIR INTAKE TO MOTORS	<0.1
328	B444-1	Corridor A3	05Z0663	444-12282004-213-328	B444 VIA1 - POSTENCAP BIAS SAMPLE, 5 FT N OF PT 182	<0.1
329	B444-1	Corridor A3	05Z0663	444-12282004-213-329	B444 VIA1 - POSTENCAP BIAS SAMPLE, 10 FT N OF PT 182	<0.1
330	B444-1	Corridor A3	05Z0663	444-12282004-213-330	B444 VIA1 - POSTENCAP BIAS SAMPLE, 15 FT N OF PT 182	<0.1
331	B444-1	Corridor A3	05Z0663	444-12282004-213-331	B444 VIA1 - POSTENCAP BIAS SAMPLE, 20 FT N OF PT 182	<0.1
333	B444-1	112A	05Z0666	444-12292004-213-333	B444 BIAS PDS:CEILING/HANGER TRACK B/W C8-9/E8-9, VIA 1	<0.1
334	B444-1	112A	05Z0666	444-12292004-213-334	B444 BIAS PDS:CEILING/HANGER TRACK B/W C8-9/E8-9, VIA 1	<0.1
335	B444-1	112	05Z0666	444-12292004-213-335	B444 BIAS PDS:CEILING/HANGER TRACK B/W C8-9/E8-9, VIA 1	<0.1
336	B444-1	112A	05Z0666	444-12292004-213-336	B444 BIAS PDS:CEILING PASSTHRU @ E9, VIA 1	<0.1
337	B444-1	117D	05Z0666	444-12292004-213-337	B444 BIAS PDS:CEILING/HANGER TRACK B/W C8-9/E8-9, VIA 1	<0.1
338	B444-1	117D	05Z0666	444-12292004-213-338	B444 BIAS PDS:CEILING/HANGER TRACK B/W C8-9/E8-9, VIA 1	<0.1
339	B444-1	112	05Z0666	444-12292004-213-339	B444 BIAS PDS:CEILING/WALL B/W C8-9/E8-9, VIA 1	<0.1
340	B444-1	112	05Z0666	444-12292004-213-340	B444 BIAS PDS:CEILING/HANGER TRACK B/W C8-9/E8-9, VIA 1	<0.1
341	B444-1	112	05Z0666	444-12292004-213-341	B444 BIAS PDS:CEILING/HANGER TRACK B/W C8-9/E8-9, VIA 1	<0.1
342	B444-1	112	05Z0666	444-12292004-213-342	B444 BIAS PDS:CEILING/HANGER TRACK B/W C8-9/E8-9, VIA 1	0.13
342	B444-1	112	05Z0786	444-01122005-213-342	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 342	<0.1
343	B444-1	115	05Z0666	444-12292004-213-343	B444 BIAS PDS:CEILING/HANGER TRACK B/W C7-8/E7-8, VIA 1	0.123
343	B444-1	115	05Z0786	444-01122005-213-343	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 343	<0.1

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VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
344	B444-1	115	05Z0666	444-12292004-213-344	B444 BIAS PDS:CEILING/HANGER TRACK B/W C7-8/E7-8, VIA 1	<0.1
345	B444-1	115	05Z0666	444-12292004-213-345	B444 BIAS PDS:CEILING/HANGER TRACK B/W C7-8/E7-8, VIA 1	0.198
345	B444-1	115	05Z0786	444-01122005-213-345	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 345	<0.1
346	B444-1	115	05Z0666	444-12292004-213-346	B444 BIAS PDS:CEILING/HANGER TRACK B/W C7-8/E7-8, VIA 1	0.183
346	B444-1	115	05Z0786	444-01122005-213-346	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 346	<0.1
347	B444-1	115	05Z0666	444-12292004-213-347	B444 BIAS PDS:CEILING/HANGER TRACK B/W C7-8/E7-8, VIA 1	0.999
347	B444-1	115	05Z0786	444-01122005-213-347	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 347	<0.1
348	B444-1	115	05Z0666	444-12292004-213-348	B444 BIAS PDS:CEILING/HANGER TRACK B/W C7-8/E7-8, VIA 1	0.121
348	B444-1	115	05Z0786	444-01122005-213-348	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 348	<0.1
349	B444-1	115	05Z0666	444-12292004-213-349	B444 BIAS PDS:CEILING/HANGER TRACK B/W C6-7/E6-7, VIA 1	0.215
349	B444-1	115	05Z0786	444-01122005-213-349	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 349	<0.1
350	B444-1	115	05Z0666	444-12292004-213-350	B444 BIAS PDS:CEILING/HANGER TRACK B/W C6-7/E6-7, VIA 1	0.114
350	B444-1	115	05Z0786	444-01122005-213-350	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 350	<0.1
351	B444-1	115	05Z0666	444-12292004-213-351	B444 BIAS PDS:CEILING/HANGER TRACK B/W C6-7/E6-7, VIA 1	0.102
351	B444-1	115	05Z0786	444-01122005-213-351	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 351	<0.1
352	B444-1	115	05Z0666	444-12292004-213-352	B444 BIAS PDS:CEILING/HANGER TRACK B/W C6-7/E6-7, VIA 1	0.276
352	B444-1	115	05Z0786	444-01122005-213-352	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 352	<0.1
353	B444-1	115	05Z0666	444-12292004-213-353	B444 BIAS PDS:CEILING/HANGER TRACK B/W C6-7/E6-7, VIA 1	<0.1
354	B444-1	115	05Z0666	444-12292004-213-354	B444 BIAS PDS:CEILING/HANGER TRACK B/W C6-7/E6-7, VIA 1	1.08
354	B444-1	115	05Z0786	444-01122005-213-354	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 354	<0.1
355	B444-1	115	05Z0666	444-12292004-213-355	B444 BIAS PDS:CEILING/HANGER TRACK B/W C6-7/E6-7, VIA 1	0.185
355	B444-1	115	05Z0786	444-01122005-213-355	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 355	<0.1
356	B444-1	115	05Z0666	444-12292004-213-356	B444 BIAS PDS:CEILING/HANGER TRACK B/W C5-6/E5-6, VIA 1	<0.1
357	B444-1	115	05Z0666	444-12292004-213-357	B444 BIAS PDS:CEILING/HANGER TRACK B/W C5-6/E5-6, VIA 1	<0.1
358	B444-1	115	05Z0666	444-12292004-213-358	B444 BIAS PDS:CEILING/HANGER TRACK B/W C5-6/E5-6, VIA 1	<0.1
359	B444-1	115	05Z0666	444-12292004-213-359	B444 BIAS PDS:CEILING/HANGER TRACK B/W C5-6/E5-6, VIA 1	<0.1
360	B444-1	115	05Z0666	444-12292004-213-360	B444 BIAS PDS:CEILING/HANGER TRACK B/W C5-6/E5-6, VIA 1	<0.1
361	B444-1	115	05Z0666	444-12292004-213-361	B444 BIAS PDS:CEILING/HANGER TRACK B/W C5-6/E5-6, VIA 1	<0.1
362	B444-1	115	05Z0666	444-12292004-213-362	, VIA 1B444 BIAS PDS:N WALL B/W D5-C5	<0.1
363	B444-1	115	05Z0666	444-12292004-213-363	B444 BIAS PDS:N WALL B/W E5-D5, VIA 1	<0.1
364	B444-1	115	05Z0666	444-12292004-213-364	B444 BIAS PDS:N/W WALL S OF E5, VIA 1	<0.1
365	B444-1	115	05Z0666	444-12292004-213-365	B444 BIAS PDS:PASSTHRU S OF E5, VIA 1	<0.1
366	B444-1	115	05Z0666	444-12292004-213-366	B444 BIAS PDS:PASSTHRU B/W E7-8, VIA 1	<0.1

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VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
367	B444-1	112	05Z0666	444-12292004-213-367	B444 BIAS PDS:WALL NEAR PASSTHRU B/W E7-8, VIA 1	<0.1
368	B444-1	117D	05Z0666	444-12292004-213-368	B444 BIAS PDS:WALL S OF C8, VIA 1	0.216
368	B444-1	117D	05Z0785	444-01122005-213-368	B444 BIAS PDS PT 368,POSTFIXATIVE,WALL,VIA 1	<0.1
369	B444-1	115	05Z0666	444-12292004-213-369	B444 BIAS PDS:WALL B/W C7-C8, VIA 1	1.55
369	B444-1	115	05Z0785	444-01122005-213-369	B444 BIAS PDS PT 369,POSTFIXATIVE,WALL,VIA 1	<0.1
370	B444-1	115	05Z0666	444-12292004-213-370	B444 BIAS PDS:WALL B/W C6-C7, VIA 1	0.115
370	B444-1	115	05Z0785	444-01122005-213-370	B444 BIAS PDS PT 370,POSTFIXATIVE,WALL,VIA 1	<0.1
371	B444-1	115	05Z0666	444-12292004-213-371	B444 BIAS PDS:FLOOR B/W C5-6/E5-6, VIA 1	<0.1
372	B444-1	115	05Z0666	444-12292004-213-372	B444 BIAS PDS:FLOOR B/W C5-6/E5-6, VIA 1	<0.1
373	B444-1	115	05Z0666	444-12292004-213-373	B444 BIAS PDS:FLOOR B/W C5-6/E5-6, VIA 1	0.13
373	B444-1	115	05Z0785	444-01122005-213-373	B444 BIAS PDS PT 373,POSTFIXATIVE,FLOOR,VIA 1	<0.1
374	B444-1	115	05Z0666	444-12292004-213-374	B444 BIAS PDS:FLOOR B/W C5-6/E5-6, VIA 1	<0.1
375	B444-1	115	05Z0666	444-12292004-213-375	B444 BIAS PDS:FLOOR B/W C6-7/E6-7, VIA 1	<0.1
376	B444-1	115	05Z0666	444-12292004-213-376	B444 BIAS PDS:FLOOR B/W C7-8/E7-8, VIA 1	<0.1
377	B444-1	112	05Z0666	444-12292004-213-377	B444 BIAS PDS:FLOOR B/W C7-8/E7-8, VIA 1	<0.1
378	B444-1	115	05Z0666	444-12292004-213-378	B444 BIAS PDS:FLOOR B/W C6-7/E6-7, VIA 1	0.13
378	B444-1	115	05Z0785	444-01122005-213-378	B444 BIAS PDS PT 378,POSTFIXATIVE,FLOOR,VIA 1	<0.1
379	B444-1	115	05Z0666	444-12292004-213-379	B444 BIAS PDS:FLOOR B/W C7-8/E7-8, VIA 1	<0.1
380	B444-1	112	05Z0666	444-12292004-213-380	B444 BIAS PDS:FLOOR B/W C7-8/E7-8, VIA 1	<0.1
381	B444-1	112	05Z0666	444-12292004-213-381	B444 BIAS PDS:FLOOR B/W C8-9/E8-9, VIA 1	<0.1
382	B444-1	117D	05Z0666	444-12292004-213-382	B444 BIAS PDS:FLOOR B/W C8-9/E8-9, VIA 1	<0.1
383	B444-1	112A	05Z0666	444-12292004-213-383	B444 BIAS PDS:FLOOR B/W C8-9/E8-9, VIA 1	<0.1
384	B444-1	112	05Z0666	444-12292004-213-384	B444 BIAS PDS:FLOOR B/W C8-9/E8-9, VIA 1	<0.1
385	B444-1	112A	05Z0666	444-12292004-213-385	B444 BIAS PDS:FLOOR B/W C8-9/E8-9, VIA 1	<0.1
386	B444-1	112	05Z0666	444-12292004-213-386	B444 BIAS PDS:FLOOR B/W C8-9/E8-9, VIA 1	<0.1
387	B444-1	115	05Z0666	444-12292004-213-387	B444 BIAS PDS:FLOOR B/W C7-8/E7-8, VIA 1	<0.1
388	B444-1	112A	05Z0666	444-12292004-213-388	B444 BIAS PDS:FLOOR B/W C8-9/E8-9, VIA 1	<0.1
389	B444-1	112	05Z0666	444-12292004-213-389	B444 BIAS PDS:FLOOR B/W C8-9/E8-9, VIA 1	<0.1
390	B444-1	112A	05Z0666	444-12292004-213-390	B444 BIAS PDS:WALL B/W C9-D9, VIA 1	0.187
390	B444-1	112A	05Z0785	444-01122005-213-390	B444 BIAS PDS PT 390,POSTFIXATIVE,WALL,VIA 1	<0.1
391	B444-1	115	05Z0666	444-12292004-213-391	B444 BIAS PDS:WALL B/W C7-C8, VIA 1	<0.1
392	B444-1	108A	05Z0666	444-12292004-213-392	B444 BIAS PDS:E ROOM,FLOOR BW E5/E6, VIA 1	<0.1
393	B444-1	108A	05Z0666	444-12292004-213-393	B444 BIAS PDS:E ROOM,FLOOR BW E5/E6, VIA 1	<0.1
394	B444-1	108B	05Z0666	444-12292004-213-394	B444 BIAS PDS:E ROOM,FLOOR BW E6/E7, VIA 1	<0.1
395	B444-1	108B	05Z0666	444-12292004-213-395	B444 BIAS PDS:E ROOM,FLOOR BW E6/E7, VIA 1	0.116
395	B444-1	108B	05Z0785	444-01122005-213-395	B444 BIAS PDS PT 395,POSTFIXATIVE,FLOOR,VIA 1	<0.1
396	B444-1	108B	05Z0666	444-12292004-213-396	B444 BIAS PDS:E ROOM,FLOOR BW E6/E7, VIA 1	<0.1
397	B444-1	108B	05Z0666	444-12292004-213-397	B444 BIAS PDS:E ROOM,FLOOR BW E6/E7, VIA 1	<0.1
398	B444-1	108A	05Z0666	444-12292004-213-398	B444 BIAS PDS:E ROOM,FLOOR BW E5/E6, VIA 1	<0.1
399	B444-1	108A	05Z0666	444-12292004-213-399	B444 BIAS PDS:E ROOM,FLOOR BW E5/E6, VIA 1	<0.1
400	B444-1	108A	05Z0666	444-12292004-213-400	B444 BIAS PDS:E ROOM,FLOOR BW E5/E6, VIA 1	<0.1
401	B444-1	108A	05Z0666	444-12292004-213-401	B444 BIAS PDS:E ROOM,FLOOR BW E5/E6, VIA 1	<0.1
402	B444-1	108	05Z0666	444-12292004-213-402	B444 BIAS PDS:E ROOM,FLOOR BW E5/E6, VIA 1	<0.1

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
403	B444-1	108B	05Z0666	444-12292004-213-403	B444 BIAS PDS:E ROOM,FLOOR BW E6/E7, VIA 1	<0.1
404	B444-1	110A	05Z0666	444-12292004-213-404	B444 BIAS PDS:W ROOM,FLOOR BW F6/F7, VIA 1	<0.1
405	B444-1	110	05Z0666	444-12292004-213-405	B444 BIAS PDS:W ROOM,FLOOR BW G6/G7, VIA 1	<0.1
406	B444-1	110	05Z0666	444-12292004-213-406	B444 BIAS PDS:W ROOM,FLOOR BW G5/G6, VIA 1	<0.1
407	B444-1	110	05Z0666	444-12292004-213-407	B444 BIAS PDS:W ROOM,FLOOR BW G5/G6, VIA 1	<0.1
408	B444-1	110	05Z0666	444-12292004-213-408	B444 BIAS PDS:W ROOM,FLOOR BW G5/G6 (CHASE), VIA 1	0.745
408	B444-1	110	05Z0785	444-01122005-213-408	B444 BIAS PDS PT 408,POSTFIXATIVE,NW FLOOR CHASE,VIA 1	<0.1
409	B444-1	110	05Z0666	444-12292004-213-409	B444 BIAS PDS:W ROOM,FLOOR BW G6/G7, VIA 1	<0.1
410	B444-1	110A	05Z0666	444-12292004-213-410	B444 BIAS PDS:W ROOM,FLOOR BW G6/G7 (CHASE), VIA 1	0.193
410	B444-1	110A	05Z0785	444-01122005-213-410	B444 BIAS PDS PT 410,POSTFIXATIVE,SW FLOOR CHASE,VIA 1	<0.1
411	B444-1	110A	05Z0666	444-12292004-213-411	B444 BIAS PDS:W ROOM,FLOOR BW G6/G7, VIA 1	<0.1
412	B444-1	110A	05Z0666	444-12292004-213-412	B444 BIAS PDS:W ROOM,FLOOR BW G6/G7 (CHASE), VIA 1	0.184
412	B444-1	110A	05Z0785	444-01122005-213-412	B444 BIAS PDS PT 410,POSTFIXATIVE,SE FLOOR CHASE,VIA 1	<0.1
413	B444-1	110	05Z0666	444-12292004-213-413	B444 BIAS PDS:W ROOM,FLOOR BW G5/G6, VIA 1	<0.1
414	B444-1	110	05Z0666	444-12292004-213-414	B444 BIAS PDS:W ROOM,FLOOR BW G5/G6 (CHASE), VIA 1	0.157
414	B444-1	110	05Z0785	444-01122005-213-414	B444 BIAS PDS PT 410,POSTFIXATIVE,NE FLOOR CHASE,VIA 1	<0.1
415	B444-1	110A	05Z0666	444-12292004-213-415	B444 BIAS PDS:W ROOM,FLOOR BW G6/G7, VIA 1	<0.1
416	B444-1	108A	05Z0666	444-12292004-213-416	B444 BIAS PDS:E ROOM,E WALL B/W E5/E6, VIA 1	0.163
416	B444-1	108A	05Z0785	444-01122005-213-416	B444 BIAS PDS PT 416,POSTFIXATIVE,WALL,VIA 1	<0.1
417	B444-1	108A	05Z0666	444-12292004-213-417	B444 BIAS PDS:E ROOM,N WALL B/W E5/F5, VIA 1	0.758
417	B444-1	108A	05Z0785	444-01122005-213-417	B444 BIAS PDS PT 417,POSTFIXATIVE,WALL,VIA 1	<0.1
418	B444-1	108B	05Z0666	444-12292004-213-418	B444 BIAS PDS:E ROOM,W WALL B/W F6-F7, VIA 1	0.122
418	B444-1	108B	05Z0785	444-01122005-213-418	B444 BIAS PDS PT 418,POSTFIXATIVE,WALL,VIA 1	<0.1
419	B444-1	108B	05Z0666	444-12292004-213-419	B444 BIAS PDS:E ROOM,S WALL B/W E7-F7, VIA 1	<0.1
420	B444-1	110A	05Z0666	444-12292004-213-420	B444 BIAS PDS:W ROOM,W WALL B/W F6-F7, VIA 1	0.221
420	B444-1	110A	05Z0785	444-01122005-213-420	B444 BIAS PDS PT 420,POSTFIXATIVE,WALL,VIA 1	<0.1
421	B444-1	110A	05Z0666	444-12292004-213-421	B444 BIAS PDS:W ROOM,S WALL B/W G6-G7, VIA 1	0.298
421	B444-1	110A	05Z0785	444-01122005-213-421	B444 BIAS PDS PT 421,POSTFIXATIVE,WALL,VIA 1	<0.1
422	B444-1	110	05Z0666	444-12292004-213-422	B444 BIAS PDS:W ROOM,N WALL B/W G5-G6, VIA 1	0.491
422	B444-1	110	05Z0785	444-01122005-213-422	B444 BIAS PDS PT 422,POSTFIXATIVE,WALL,VIA 1	<0.1
423	B444-1	110	05Z0666	444-12292004-213-423	B444 BIAS PDS:W ROOM,N WALL B/W F5-F6, VIA 1	0.21

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
423	B444-1	110	05Z0785	444-01122005-213-423	B444 BIAS PDS PT 423,POSTFIXATIVE,WALL,VIA 1	<0.1
424	B444-1	108A	05Z0666	444-12292004-213-424	B444 BIAS PDS:WALL PASSTHRU B/W F5-F6, VIA 1	0.479
424	B444-1	108A	05Z0786	444-01122005-213-424	B444 VIA 1 POST FIXATIVE,WALL PASSTHRU,PT 424	<0.1
425	B444-1	108A	05Z0666	444-12292004-213-425	B444 BIAS PDS:WALL PASSTHRU B/W E5-E6, VIA 1	<0.1
426	B444-1	108A	05Z0666	444-12292004-213-426	B444 BIAS PDS:CEILING/TRACK B/W E-F/5-6, VIA 1	0.506
426	B444-1	108A	05Z0786	444-01122005-213-426	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 426	<0.1
427	B444-1	108A	05Z0666	444-12292004-213-427	B444 BIAS PDS:CEILING/TRACK B/W E-F/5-6, VIA 1	0.129
427	B444-1	108A	05Z0786	444-01122005-213-427	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 427	<0.1
428	B444-1	108A	05Z0666	444-12292004-213-428	B444 BIAS PDS:CEILING PASSTHRU NEAR E5, VIA 1	<0.1
429	B444-1	108A	05Z0666	444-12292004-213-429	B444 BIAS PDS:CEILING/TRACK B/W E-F/5-6, VIA 1	0.115
429	B444-1	108A	05Z0786	444-01122005-213-429	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 429	<0.1
430	B444-1	108	05Z0666	444-12292004-213-430	B444 BIAS PDS:CEILING PASSTHRU E6/F6, VIA 1	0.811
430	B444-1	108	05Z0786	444-01122005-213-430	B444 VIA 1 POST FIXATIVE,CEILING PASSTHRU,PT 430	<0.1
431	B444-1	108B	05Z0666	444-12292004-213-431	B444 BIAS PDS:CEILING/TRACK B/W E-F/6-7, VIA 1	<0.1
432	B444-1	108B	05Z0666	444-12292004-213-432	B444 BIAS PDS:WALL PASSTHRU NEAR E7, VIA 1	0.149
432	B444-1	108B	05Z0786	444-01122005-213-432	B444 VIA 1 POST FIXATIVE,WALL PASSTHRU,PT 432	<0.1
433	B444-1	108B	05Z0666	444-12292004-213-433	B444 BIAS PDS:CEILING/TRACK B/W E-F/6-7, VIA 1	<0.1
434	B444-1	108	05Z0666	444-12292004-213-434	B444 BIAS PDS:CEILING/TRACK B/W E-F/6-7, VIA 1	0.195
434	B444-1	108	05Z0786	444-01122005-213-434	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 434	<0.1
435	B444-1	108B	05Z0666	444-12292004-213-435	B444 BIAS PDS:WALL PASSTHRU @ F6, VIA 1	0.126
435	B444-1	108B	05Z0786	444-01122005-213-435	B444 VIA 1 POST FIXATIVE,WALL PASSTHRU,PT 435	<0.1
436	B444-1	110	05Z0666	444-12292004-213-436	B444 BIAS PDS:CEILING/TRACK B/W F-G/5-6, VIA 1	0.166
436	B444-1	110	05Z0786	444-01122005-213-436	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 436	<0.1
437	B444-1	110	05Z0666	444-12292004-213-437	B444 BIAS PDS:CEILING/TRACK B/W F-G/5-6, VIA 1	0.151
437	B444-1	110	05Z0786	444-01122005-213-437	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 437	<0.1
438	B444-1	110	05Z0666	444-12292004-213-438	B444 BIAS PDS:CEILING/TRACK B/W F-G/5-6, VIA 1	0.108
438	B444-1	110	05Z0786	444-01122005-213-438	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 438	<0.1
439	B444-1	110	05Z0666	444-12292004-213-439	B444 BIAS PDS:CEILING/TRACK B/W F-G/5-6, VIA 1	<0.1
440	B444-1	110A	05Z0666	444-12292004-213-440	B444 BIAS PDS:CEILING/TRACK B/W F-G/6-7, VIA 1	0.184
440	B444-1	110A	05Z0786	444-01122005-213-440	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 440	<0.1
441	B444-1	110A	05Z0666	444-12292004-213-441	B444 BIAS PDS:CEILING/TRACK B/W F-G/6-7, VIA 1	0.397

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
441	B444-1	110A	05Z0786	444-01122005-213-441	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 441	<0.1
442	B444-1	110A	05Z0666	444-12292004-213-442	B444 BIAS PDS:CEILING/TRACK B/W F-G/6-7, VIA 1	4.03
442	B444-1	110A	05Z0786	444-01122005-213-442	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 442	<0.1
443	B444-1	110	05Z0666	444-12292004-213-443	B444 BIAS PDS:CEILING PASSTHRU B/W F-G/6, VIA 1	0.614
443	B444-1	110	05Z0786	444-01122005-213-443	B444 VIA 1 POST FIXATIVE,CEILING PASSTHRU,PT 443	<0.1
444	B444-1	110	05Z0666	444-12292004-213-444	B444 BIAS PDS:CEILING/TRACK B/W F-G/6-7, VIA 1	0.832
444	B444-1	110	05Z0786	444-01122005-213-444	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 444	<0.1
445	B444-1	110	05Z0666	444-12292004-213-445	B444 BIAS PDS:WALL/DUCT PASSTHRU G6-7, VIA 1	0.347
445	B444-1	110A	05Z0786	444-01122005-213-445	B444 VIA 1 POST FIXATIVE,WALL PASSTHRU,PT 445	<0.1
446	B444-1	110A	05Z0666	444-12292004-213-446	B444 BIAS PDS:WALL/DUCT PASSTHRU G6-7, VIA 1	0.405
446	B444-1	110A	05Z0786	444-01122005-213-446	B444 VIA 1 POST FIXATIVE,WALL PASSTHRU,PT 446	<0.1
447	B444-1	105	05Z0666	444-12292004-213-447	B444 BIAS PDS:FLOOR,SW AREA, VIA 1	<0.1
448	B444-1	105A	05Z0666	444-12292004-213-448	B444 BIAS PDS:FLOOR,SW AREA, VIA 1	<0.1
449	B444-1	103C	05Z0666	444-12292004-213-449	B444 BIAS PDS:FLOOR,SE AREA, VIA 1	<0.1
450	B444-1	103D	05Z0666	444-12292004-213-450	B444 BIAS PDS:FLOOR,SE AREA, VIA 1	<0.1
451	B444-1	103D	05Z0666	444-12292004-213-451	B444 BIAS PDS:FLOOR,SE AREA, VIA 1	<0.1
452	B444-1	103D	05Z0666	444-12292004-213-452	B444 BIAS PDS:FLOOR,E END, VIA 1	0.193
452	B444-1	103D	05Z0785	444-01122005-213-452	B444 BIAS PDS PT 452,POSTFIXATIVE,,FLOOR,VIA 1	<0.1
453	B444-1	103C	05Z0666	444-12292004-213-453	B444 BIAS PDS:FLOOR,NE AREA, VIA 1	0.12
453	B444-1	103C	05Z0785	444-01122005-213-453	B444 BIAS PDS PT 453,POSTFIXATIVE,,FLOOR,VIA 1	<0.1
454	B444-1	103C	05Z0666	444-12292004-213-454	B444 BIAS PDS:FLOOR,NE AREA, VIA 1	<0.1
455	B444-1	103C	05Z0666	444-12292004-213-455	B444 BIAS PDS:FLOOR,N END, VIA 1	<0.1
456	B444-1	105	05Z0666	444-12292004-213-456	B444 BIAS PDS:FLOOR PIPE PASSTHRUS, NW CORNER, VIA 1	<0.1
457	B444-1	105	05Z0666	444-12292004-213-457	B444 BIAS PDS:FLOOR,W END, VIA 1	<0.1
458	B444-1	105	05Z0666	444-12292004-213-458	B444 BIAS PDS:W WALL, VIA 1	<0.1
459	B444-1	103C	05Z0666	444-12292004-213-459	B444 BIAS PDS:E WALL, VIA 1	<0.1
460	B444-1	103C	05Z0666	444-12292004-213-460	B444 BIAS PDS:N WALL, VIA 1	<0.1
461	B444-1	105	05Z0666	444-12292004-213-461	B444 BIAS PDS:CEILING/TRACKS,NW AREA, VIA 1	<0.1
462	B444-1	105	05Z0666	444-12292004-213-462	B444 BIAS PDS:CEILING/TRACKS,SW AREA, VIA 1	0.237
462	B444-1	105	05Z0786	444-01122005-213-462	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 462	<0.1
463	B444-1	105	05Z0666	444-12292004-213-463	B444 BIAS PDS:CEILING/TRACKS,CENTER OF ROOM, VIA 1	0.227
463	B444-1	105	05Z0786	444-01122005-213-463	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 463	<0.1
464	B444-1	103C	05Z0666	444-12292004-213-464	B444 BIAS PDS:CEILING/TRACKS,SE AREA, VIA 1	2.07
464	B444-1	103C	05Z0786	444-01122005-213-464	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 464	<0.1
465	B444-1	103C	05Z0666	444-12292004-213-465	B444 BIAS PDS:CEILING/TRACKS,NE AREA, VIA 1	0.209
465	B444-1	103C	05Z0786	444-01122005-213-465	B444 VIA 1 POST FIXATIVE,CEILING TRACK,PT 465	<0.1
466	B444-1	103D	05Z0666	444-12292004-213-466	B444 BIAS PDS:CEILING PIPE PASSTHRU@SE CORNER, VIA 1	<0.1

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
467	B444-1	105	05Z0666	444-12292004-213-467	B444 BIAS PDS:CEILING/TRACKS,N END, VIA 1	<0.1
468	B444-1	105	05Z0666	444-12292004-213-468	B444 BIAS PDS:FLOOR PIPE PASSTHRUS, SW CORNER, VIA 1	<0.1
469	B444-1	105	05Z0666	444-12292004-213-469	B444 BIAS PDS:FLOOR PIPE PASSTHRUS, SW CORNER, VIA 1	<0.1
470	B444-1	103D	05Z0666	444-12292004-213-470	B444 BIAS PDS:FLOOR PIPE PASSTHRUS@E WALL, VIA 1	<0.1
471	B444-1	102	05Z0666	444-12292004-213-471	B444 BIAS PDS:FLOOR,W END AT DOOR, VIA 1	<0.1
472	B444-1	102	05Z0666	444-12292004-213-472	B444 BIAS PDS:FLOOR,NW AREA, VIA 1	<0.1
473	B444-1	102	05Z0666	444-12292004-213-473	B444 BIAS PDS:FLOOR,N END AT DOOR, VIA 1	<0.1
474	B444-1	175	05Z0666	444-12292004-213-474	B444 BIAS PDS:FLOOR,N END, VIA 1	<0.1
475	B444-1	175	05Z0666	444-12292004-213-475	B444 BIAS PDS:FLOOR,NE AREA AT DOOR, VIA 1	0.108
475	B444-1	175	05Z0786	444-01122005-213-475	B444 VIA 1 POST FIXATIVE,FLOOR,PT 475	<0.1
476	B444-1	175	05Z0666	444-12292004-213-476	B444 BIAS PDS:FLOOR,SW AREA, VIA 1	<0.1
477	B444-1	175	05Z0666	444-12292004-213-477	B444 BIAS PDS:FLOOR,SE AREA, VIA 1	<0.1
478	B444-1	102	05Z0666	444-12292004-213-478	B444 BIAS PDS:FLOOR,S END, VIA 1	<0.1
479	B444-1	102	05Z0666	444-12292004-213-479	B444 BIAS PDS:FLOOR,S END AT DOOR, VIA 1	<0.1
480	B444-1	102	05Z0666	444-12292004-213-480	B444 BIAS PDS:FLOOR,SW AREA, VIA 1	<0.1
481	B444-1	102	05Z0666	444-12292004-213-481	B444 BIAS PDS:FLOOR,CENTER OF ROOM, VIA 1	<0.1
482	B444-1	102	05Z0666	444-12292004-213-482	B444 BIAS PDS:FLOOR PIPE PASSTHRU,SW CORNER, VIA 1	0.198
482	B444-1	102	05Z0786	444-01122005-213-482	B444 VIA 1 POST FIXATIVE,FLOOR PASSTHRU,PT 482	<0.1
483	B444-1	102	05Z0666	444-12292004-213-483	B444 BIAS PDS:FLOOR PIPE PASSTHRUS,MIDDLE/S END, VIA 1	<0.1
484	B444-1	175	05Z0666	444-12292004-213-484	B444 BIAS PDS:FLOOR PIPE PASSTHRU,MIDDLE, VIA 1	<0.1
485	B444-1	175	05Z0666	444-12292004-213-485	B444 BIAS PDS:FLOOR DUCT PASSTHRU,E END, VIA 1	0.11
485	B444-1	175	05Z0786	444-01122005-213-485	B444 VIA 1 POST FIXATIVE,FLOOR PASSTHRU,PT 485	<0.1
486	B444-1	175	05Z0666	444-12292004-213-486	B444 BIAS PDS:FLOOR DUCT PASSTHRU,E END, VIA 1	<0.1
487	B444-1	175	05Z0666	444-12292004-213-487	B444 BIAS PDS:FLOOR DUCT PASSTHRU,E END, VIA 1	0.314
487	B444-1	175	05Z0786	444-01122005-213-487	B444 VIA 1 POST FIXATIVE,FLOOR PASSTHRU,PT 487	<0.1
488	B444-1	102	05Z0666	444-12292004-213-488	B444 BIAS PDS:N/W WALL, VIA 1	<0.1
489	B444-1	102	05Z0666	444-12292004-213-489	B444 BIAS PDS:W WALL AND DOORWAY, VIA 1	<0.1
490	B444-1	175	05Z0666	444-12292004-213-490	B444 BIAS PDS:SW CORNER, VIA 1	<0.1
491	B444-1	175	05Z0666	444-12292004-213-491	B444 BIAS PDS:E WALL, VIA 1	<0.1
492	B444-1	175	05Z0666	444-12292004-213-492	B444 BIAS PDS:E DOORWAY/WALL, VIA1	<0.1
493	B444-1	103C	05Z0666	444-12292004-213-493	B444 BIAS PDS:WALL PIPE PASSTHRUS, S WALL/E END, VIA 1	<0.1
494	B444-1	103C	05Z0666	444-12292004-213-494	B444 BIAS PDS:WALL PIPE PASSTHRUS, S WALL/E END, VIA 1	<0.1
495	B444-1	105	05Z0666	444-12292004-213-495	B444 BIAS PDS:WALL PIPE PASSTHRUS, S WALL/E END, VIA 1	<0.1
496	B444-1	105	05Z0666	444-12292004-213-496	B444 BIAS PDS:WALL PIPE PASSTHRUS, S WALL/E END, VIA 1	<0.1
497	B444-1	105	05Z0666	444-12292004-213-497	B444 BIAS PDS:WALL PIPE PASSTHRUS, S WALL/W END, VIA 1	<0.1
498	B444-1	102	05Z0666	444-12292004-213-498	B444 BIAS PDS:CEILING PIPE PASSTHRUS,SW CORNER, VIA 1	<0.1

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
499	B444-1	102	05Z0666	444-12292004-213-499	B444 BIAS PDS:CEILING/TRACKS,W END, VIA 1	<0.1
500	B444-1	102	05Z0666	444-12292004-213-500	B444 BIAS PDS:CEILING/TRACKS,MIDDLE OF ROOM, VIA 1	<0.1
501	B444-1	102	05Z0666	444-12292004-213-501	B444 BIAS PDS:CEILING/TRACKS/PASSTHRU,NW CORNER, VIA 1	<0.1
502	B444-1	102	05Z0666	444-12292004-213-502	B444 BIAS PDS:WALL PIPE PASSTHRUS,NW CORNER, VIA 1	<0.1
503	B444-1	102	05Z0666	444-12292004-213-503	B444 BIAS PDS:CEILING/TRACKS,N END, VIA 1	<0.1
504	B444-1	102	05Z0666	444-12292004-213-504	B444 BIAS PDS:CEILING/TRACKS,CENTER OF ROOM, VIA 1	<0.1
505	B444-1	102	05Z0666	444-12292004-213-505	B444 BIAS PDS:CEILING PIPE PASSTHRUS,N WALL@DOOR, VIA1	<0.1
506	B444-1	102	05Z0666	444-12292004-213-506	B444 BIAS PDS:CEILING DUCT PASSTHRU,E END, VIA 1	<0.1
507	B444-1	175	05Z0666	444-12292004-213-507	B444 BIAS PDS:WALL PIPE PASSTHRUS,N WALL,E END, VIA 1	<0.1
508	B444-1	175	05Z0666	444-12292004-213-508	B444 BIAS PDS:CEILING/TRACKS,SE AREA, VIA 1	<0.1
509	B444-1	175	05Z0666	444-12292004-213-509	B444 BIAS PDS:CEILING/TRACKS,E END, VIA 1	<0.1
510	B444-1	175	05Z0666	444-12292004-213-510	B444 BIAS PDS:CEILING DUCT PASSTHRU,NE CORNER, VIA 1	0.122
510	B444-1	175	05Z0786	444-01122005-213-510	B444 VIA 1 POST FIXATIVE,CEILING PASSTHRU,PT 510	0.269
510	B444-1	175	05Z0839	444-01202005-213-510	B444 VIA1 BIAS PDS-PT 510,CEILING DUCT PASSTHRU	<0.1
511	B444-1	175	05Z0666	444-12292004-213-511	B444 BIAS PDS:WALL DUCT PASSTHRU,N WALL,NE CORNER, VIA 1	<0.1
527	B444-1	111	05Z0670	444-01042005-213-527	B444 VIA1 - BIAS POSTFIXATIVE OF #316-N/W ELECT BOX	<0.1
528	B444-1	111	05Z0670	444-01042005-213-528	B444 VIA1 - BIAS POSTFIXATIVE OF #316-N/MIDDLE ELECT BOX	<0.1
529	B444-1	111	05Z0670	444-01042005-213-529	B444 VIA1 - BIAS POSTFIXATIVE OF #316-N/E ELECT BOX,N	<0.1
530	B444-1	111	05Z0670	444-01042005-213-530	B444 VIA1 - BIAS POSTFIXATIVE OF #316-N/E ELECT BOX,S	<0.1
531	B444-1	111	05Z0670	444-01042005-213-531	B444 VIA1 - BIAS POSTFIXATIVE OF #322, RACK,N END	<0.1
532	B444-1	111	05Z0670	444-01042005-213-532	B444 VIA1 - BIAS POSTFIXATIVE OF #322, RACK,N END	<0.1
533	B444-1	111	05Z0670	444-01042005-213-533	B444 VIA1 - BIAS POSTFIXATIVE OF #322, RACK,S END	<0.1
534	B444-1	111	05Z0670	444-01042005-213-534	B444 VIA1 - BIAS POSTFIXATIVE OF #322, RACK,S END	<0.1
535	B444-1	111	05Z0670	444-01042005-213-535	B444 VIA1 - BIAS POSTFIXATIVE OF #324-LIGHT ON GROUND	<0.1
536	B444-1	111	05Z0670	444-01042005-213-536	B444 VIA1 - BIAS POSTFIXATIVE OF #324-N/CENTER CONDUIT	<0.1
537	B444-1	111	05Z0670	444-01042005-213-537	B444 VIA1 - BIAS POSTFIXATIVE OF #324-N/E CONDUIT/PIPES	<0.1
538	B444-1	111	05Z0670	444-01042005-213-538	B444 VIA1 - BIAS POSTFIXATIVE OF #324-N/E CONDUIT/PIPES	<0.1
539	B444-1	111	05Z0670	444-01042005-213-539	B444 VIA1 - BIAS POSTFIXATIVE OF #325-TOP OF DOOR FRAME	<0.1
540	B444-1	111	05Z0670	444-01042005-213-540	B444 VIA1 - BIAS POSTFIXATIVE OF #325-SIDES OF DOOR FRAME	<0.1
541	B444-1	111	05Z0670	444-01042005-213-541	B444 VIA1 - BIAS POSTFIXATIVE OF #325-WALL LEDGE, N	<0.1

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
542	B444-1	111	05Z0670	444-01042005-213-542	B444 VIA1 - BIAS POSTFIXATIVE OF #325-WALL LEDGE, S	<0.1
544	B444-1	116	05Z0783	444-01072005-213-544	B444 PDS SAMPLE,POSTFIXATIVE,N OF PT 191	<0.1
545	B444-1	116	05Z0783	444-01072005-213-545	B444 PDS SAMPLE,POSTFIXATIVE,S OF PT 191	<0.1
546	B444-1	116	05Z0783	444-01072005-213-546	B444 PDS SAMPLE,POSTFIXATIVE,E OF PT 191	<0.1
547	B444-1	116	05Z0783	444-01072005-213-547	B444 PDS SAMPLE,POSTFIXATIVE,W OF PT 191	<0.1
548	B444-1	116 Pit	05Z0783	444-01072005-213-548	B444 PDS SAMPLE,POSTFIXATIVE,E OF PT 194	<0.1
549	B444-1	116 Pit	05Z0783	444-01072005-213-549	B444 PDS SAMPLE,POSTFIXATIVE,SE OF PT 194	<0.1
550	B444-1	116 Pit	05Z0783	444-01072005-213-550	B444 PDS SAMPLE,POSTFIXATIVE,S OF PT 194	<0.1
551	B444-1	116 Pit	05Z0783	444-01072005-213-551	B444 PDS SAMPLE,POSTFIXATIVE,N OF PT 197	<0.1
552	B444-1	116 Pit	05Z0783	444-01072005-213-552	B444 PDS SAMPLE,POSTFIXATIVE,NE OF PT 197	<0.1
553	B444-1	116 Pit	05Z0783	444-01072005-213-553	B444 PDS SAMPLE,POSTFIXATIVE,E OF PT 197	<0.1
554	B444-1	117	05Z0783	444-01072005-213-554	B444 PDS SAMPLE,POSTFIXATIVE,NEAR DUCT,PT 216	<0.1
555	B444-1	116	05Z0783	444-01072005-213-555	B444 PDS SAMPLE,POSTFIXATIVE,NEAR DUCT,PT 223	<0.1
556	B444-1	116	05Z0783	444-01072005-213-556	B444 PDS SAMPLE,POSTFIXATIVE,NEAR DUCT,PT 226	<0.1
557	B444-1	116	05Z0783	444-01072005-213-557	B444 PDS SAMPLE,POSTFIXATIVE,NEAR DUCT,PT 227	<0.1
558	B444-1	116	05Z0783	444-01072005-213-558	B444 PDS SAMPLE,POSTFIXATIVE,N OF PT 233	<0.1
559	B444-1	116	05Z0783	444-01072005-213-559	B444 PDS SAMPLE,POSTFIXATIVE,N OF PT 233	<0.1
560	B444-1	116A	05Z0783	444-01072005-213-560	B444 PDS SAMPLE,POSTFIXATIVE,S OF PT 233	<0.1
561	B444-1	116A	05Z0783	444-01072005-213-561	B444 PDS SAMPLE,POSTFIXATIVE,S OF PT 233	<0.1
562	B444-1	117A	05Z0783	444-01072005-213-562	B444 PDS SAMPLE,POSTFIXATIVE,N OF PT 234	<0.1
563	B444-1	117A	05Z0783	444-01072005-213-563	B444 PDS SAMPLE,POSTFIXATIVE,N OF PT 234	<0.1
564	B444-1	117A	05Z0783	444-01072005-213-564	B444 PDS SAMPLE,POSTFIXATIVE,S OF PT 234	<0.1
565	B444-1	117	05Z0783	444-01072005-213-565	B444 PDS SAMPLE,POSTFIXATIVE,S OF PT 234	<0.1
566	B444-1	117	05Z0783	444-01072005-213-566	B444 PDS SAMPLE,POSTFIXATIVE,UPPER OPENING,PT 280	<0.1
567	B444-1	117	05Z0783	444-01072005-213-567	B444 PDS SAMPLE,POSTFIXATIVE,LOWER OPENING,PT 280	<0.1
568	B444-1	117	05Z0783	444-01072005-213-568	B444 PDS SAMPLE,POSTFIXATIVE,LOWER OPENING,PT 280	<0.1
569	B444-1	116	05Z0783	444-01072005-213-569	B444 PDS SAMPLE,POSTFIXATIVE,N OF PT 261	<0.1
570	B444-1	116	05Z0783	444-01072005-213-570	B444 PDS SAMPLE,POSTFIXATIVE,S OF PT 261	<0.1
571	B444-1	116	05Z0783	444-01072005-213-571	B444 PDS SAMPLE,POSTFIXATIVE,E OF PT 261	<0.1
572	B444-1	116	05Z0783	444-01072005-213-572	B444 PDS SAMPLE,POSTFIXATIVE,E OF PT 261	<0.1
573	B444-1	117	05Z0783	444-01072005-213-573	B444 PDS SAMPLE,POSTFIXATIVE,NEAR PT 309	<0.1

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
574	B444-1	117	05Z0783	444-01072005-213-574	B444 PDS SAMPLE,POSTFIXATIVE,NEAR PT 309	<0.1
575	B444-1	117	05Z0783	444-01072005-213-575	B444 PDS SAMPLE,POSTFIXATIVE,NEAR PT 309	<0.1
576	B444-1	117	05Z0783	444-01072005-213-576	B444 PDS SAMPLE,POSTFIXATIVE,NEAR PT 309	<0.1
588	B444-1	115	05Z0785	444-01122005-213-588	B444 BIAS PDS,POSTFIXATIVE,N OF PT 3,FLOOR,VIA 1	<0.1
589	B444-1	115	05Z0785	444-01122005-213-589	B444 BIAS PDS,POSTFIXATIVE,S OF PT 3,FLOOR,VIA 1	<0.1
590	B444-1	115	05Z0785	444-01122005-213-590	B444 BIAS PDS,POSTFIXATIVE,E OF PT 3,FLOOR,VIA 1	<0.1
591	B444-1	115	05Z0785	444-01122005-213-591	B444 BIAS PDS,POSTFIXATIVE,W OF PT 3,FLOOR,VIA 1	<0.1
592	B444-1	115	05Z0785	444-01122005-213-592	B444 BIAS PDS,POSTFIXATIVE,N OF PT 64,FLOOR,VIA 1	<0.1
593	B444-1	115	05Z0785	444-01122005-213-593	B444 BIAS PDS,POSTFIXATIVE,S OF PT 64,FLOOR,VIA 1	<0.1
594	B444-1	115	05Z0785	444-01122005-213-594	B444 BIAS PDS,POSTFIXATIVE,E OF PT 64,FLOOR,VIA 1	<0.1
595	B444-1	115	05Z0785	444-01122005-213-595	B444 BIAS PDS,POSTFIXATIVE,W OF PT 64,FLOOR,VIA 1	<0.1
596	B444-1	115	05Z0785	444-01122005-213-596	B444 BIAS PDS,POSTFIXATIVE,N OF PT 373,FLOOR,VIA 1	<0.1
597	B444-1	115	05Z0785	444-01122005-213-597	B444 BIAS PDS,POSTFIXATIVE,S OF PT 373,FLOOR,VIA 1	<0.1
598	B444-1	115	05Z0785	444-01122005-213-598	B444 BIAS PDS,POSTFIXATIVE,E OF PT 373,FLOOR,VIA 1	<0.1
599	B444-1	115	05Z0785	444-01122005-213-599	B444 BIAS PDS,POSTFIXATIVE,W OF PT 373,FLOOR,VIA 1	<0.1
600	B444-1	115	05Z0785	444-01122005-213-600	B444 BIAS PDS,POSTFIXATIVE,N OF PT 378,FLOOR,VIA 1	<0.1
601	B444-1	115	05Z0785	444-01122005-213-601	B444 BIAS PDS,POSTFIXATIVE,S OF PT 378,FLOOR,VIA 1	<0.1
602	B444-1	115	05Z0785	444-01122005-213-602	B444 BIAS PDS,POSTFIXATIVE,E OF PT 378,FLOOR,VIA 1	<0.1
603	B444-1	115	05Z0785	444-01122005-213-603	B444 BIAS PDS,POSTFIXATIVE,W OF PT 378,FLOOR,VIA 1	<0.1
604	B444-1	117D	05Z0785	444-01122005-213-604	B444 BIAS PDS,POSTFIXATIVE,S OF PT 368,WALL,VIA 1	<0.1
605	B444-1	115	05Z0785	444-01122005-213-605	B444 BIAS PDS,POSTFIXATIVE,N OF PT 368,WALL,VIA 1	<0.1
606	B444-1	115	05Z0785	444-01122005-213-606	B444 BIAS PDS,POSTFIXATIVE,S OF PT 369,WALL,VIA 1	<0.1
607	B444-1	115	05Z0785	444-01122005-213-607	B444 BIAS PDS,POSTFIXATIVE,N OF PT 369,WALL,VIA 1	<0.1
608	B444-1	115	05Z0785	444-01122005-213-608	B444 BIAS PDS,POSTFIXATIVE,S OF PT 370,WALL,VIA 1	<0.1
609	B444-1	115	05Z0785	444-01122005-213-609	B444 BIAS PDS,POSTFIXATIVE,N OF PT 370,WALL,VIA 1	<0.1
610	B444-1	112A	05Z0785	444-01122005-213-610	B444 BIAS PDS,POSTFIXATIVE,W OF PT 390,WALL,VIA 1	<0.1
611	B444-1	112A	05Z0785	444-01122005-213-611	B444 BIAS PDS,POSTFIXATIVE,E OF PT 390,WALL,VIA 1	<0.1
614	B444-1	108B	05Z0785	444-01122005-213-614	B444 BIAS PDS,POSTFIXATIVE,N OF PT 395,FLOOR,VIA 1	<0.1
615	B444-1	108B	05Z0785	444-01122005-213-615	B444 BIAS PDS,POSTFIXATIVE,S OF PT 395,FLOOR,VIA 1	<0.1
616	B444-1	108B	05Z0785	444-01122005-213-616	B444 BIAS PDS,POSTFIXATIVE,E OF PT 395,FLOOR,VIA 1	<0.1
617	B444-1	108B	05Z0785	444-01122005-213-617	B444 BIAS PDS,POSTFIXATIVE,W OF PT 395,FLOOR,VIA 1	<0.1

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
618	B444-1	108A	05Z0785	444-01122005-213-618	B444 BIAS PDS,POSTFIXATIVE,N OF PT 416,WALL,VIA 1	<0.1
619	B444-1	108A	05Z0785	444-01122005-213-619	B444 BIAS PDS,POSTFIXATIVE,S OF PT 416,WALL,VIA 1	<0.1
620	B444-1	108A	05Z0785	444-01122005-213-620	B444 BIAS PDS,POSTFIXATIVE,E OF PT 417,WALL,VIA 1	<0.1
621	B444-1	108A	05Z0785	444-01122005-213-621	B444 BIAS PDS,POSTFIXATIVE,W OF PT 417,WALL,VIA 1	<0.1
622	B444-1	108	05Z0785	444-01122005-213-622	B444 BIAS PDS,POSTFIXATIVE,N OF PT 418,WALL,VIA 1	<0.1
623	B444-1	108B	05Z0785	444-01122005-213-623	B444 BIAS PDS,POSTFIXATIVE,S OF PT 418,WALL,VIA 1	<0.1
624	B444-1	110	05Z0785	444-01122005-213-624	B444 BIAS PDS,POSTFIXATIVE,E OF PT 408,FLOOR CHASE,VIA 1	<0.1
625	B444-1	110A	05Z0785	444-01122005-213-625	B444 BIAS PDS,POSTFIXATIVE,E OF PT 410,FLOOR CHASE,VIA 1	<0.1
626	B444-1	110A	05Z0785	444-01122005-213-626	B444 BIAS PDS,POSTFIXATIVE,W OF PT 412,FLOOR CHASE,VIA 1	<0.1
627	B444-1	110	05Z0785	444-01122005-213-627	B444 BIAS PDS,POSTFIXATIVE,W OF PT 414,FLOOR CHASE,VIA 1	<0.1
628	B444-1	110A	05Z0785	444-01122005-213-628	B444 BIAS PDS,POSTFIXATIVE,N OF PT 420,WALL,VIA 1	<0.1
629	B444-1	110A	05Z0785	444-01122005-213-629	B444 BIAS PDS,POSTFIXATIVE,S OF PT 420,WALL,VIA 1	<0.1
630	B444-1	110A	05Z0785	444-01122005-213-630	B444 BIAS PDS,POSTFIXATIVE,W OF PT 421,WALL,VIA 1	<0.1
631	B444-1	110A	05Z0785	444-01122005-213-631	B444 BIAS PDS,POSTFIXATIVE,E OF PT 421,WALL,VIA 1	<0.1
632	B444-1	110	05Z0785	444-01122005-213-632	B444 BIAS PDS,POSTFIXATIVE,N OF PT 422,WALL,VIA 1	<0.1
633	B444-1	110	05Z0785	444-01122005-213-633	B444 BIAS PDS,POSTFIXATIVE,S OF PT 422,WALL,VIA 1	<0.1
634	B444-1	110	05Z0785	444-01122005-213-634	B444 BIAS PDS,POSTFIXATIVE,N OF PT 423,WALL,VIA 1	<0.1
635	B444-1	110	05Z0785	444-01122005-213-635	B444 BIAS PDS,POSTFIXATIVE,S OF PT 423,WALL,VIA 1	<0.1
636	B444-1	103D	05Z0785	444-01122005-213-636	B444 BIAS PDS,POSTFIXATIVE,N OF PT 452,FLOOR,VIA 1	<0.1
637	B444-1	103D	05Z0785	444-01122005-213-637	B444 BIAS PDS,POSTFIXATIVE,S OF PT 452,FLOOR,VIA 1	<0.1
638	B444-1	103D	05Z0785	444-01122005-213-638	B444 BIAS PDS,POSTFIXATIVE,E OF PT 452,FLOOR,VIA 1	<0.1
639	B444-1	103D	05Z0785	444-01122005-213-639	B444 BIAS PDS,POSTFIXATIVE,W OF PT 452,FLOOR,VIA 1	<0.1
640	B444-1	103C	05Z0785	444-01122005-213-640	B444 BIAS PDS,POSTFIXATIVE,N OF PT 453,FLOOR,VIA 1	<0.1
641	B444-1	103C	05Z0785	444-01122005-213-641	B444 BIAS PDS,POSTFIXATIVE,S OF PT 453,FLOOR,VIA 1	<0.1
642	B444-1	103C	05Z0785	444-01122005-213-642	B444 BIAS PDS,POSTFIXATIVE,E OF PT 453,FLOOR,VIA 1	<0.1
643	B444-1	103C	05Z0785	444-01122005-213-643	B444 BIAS PDS,POSTFIXATIVE,W OF PT 453,FLOOR,VIA 1	<0.1
659	B444-1	112	05Z0786	444-01122005-213-659	B444 VIA 1 POST FIXATIVE,CEILING TRACK, N OF PT 342	<0.1
660	B444-1	112	05Z0786	444-01122005-213-660	B444 VIA 1 POST FIXATIVE,CEILING TRACK, E OF PT 342	<0.1
661	B444-1	112	05Z0786	444-01122005-213-661	B444 VIA 1 POST FIXATIVE,CEILING TRACK, S OF PT 342	<0.1
662	B444-1	115	05Z0786	444-01122005-213-662	B444 VIA 1 POST FIXATIVE,CEILING TRACK, N OF PT 343	<0.1
663	B444-1	115	05Z0786	444-01122005-213-663	B444 VIA 1 POST FIXATIVE,CEILING TRACK, E OF PT 343	<0.1

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
664	B444-1	115	05Z0786	444-01122005-213-664	B444 VIA 1 POST FIXATIVE,CEILING TRACK, S OF PT 343	<0.1
665	B444-1	115	05Z0786	444-01122005-213-665	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 345	<0.1
666	B444-1	115	05Z0786	444-01122005-213-666	B444 VIA 1 POST FIXATIVE,CEILING TRACK,S OF PT 345	<0.1
667	B444-1	115	05Z0786	444-01122005-213-667	B444 VIA 1 POST FIXATIVE,CEILING TRACK,W OF PT 346	<0.1
668	B444-1	115	05Z0786	444-01122005-213-668	B444 VIA 1 POST FIXATIVE,CEILING TRACK,E OF PT 346	<0.1
669	B444-1	115	05Z0786	444-01122005-213-669	B444 VIA 1 POST FIXATIVE,CEILING TRACK,E OF PT 347	<0.1
670	B444-1	115	05Z0786	444-01122005-213-670	B444 VIA 1 POST FIXATIVE,CEILING TRACK,W OF PT 347	<0.1
671	B444-1	115	05Z0786	444-01122005-213-671	B444 VIA 1 POST FIXATIVE,CEILING TRACK,W OF PT 348	<0.1
672	B444-1	115	05Z0786	444-01122005-213-672	B444 VIA 1 POST FIXATIVE,CEILING TRACK,E OF PT 348	<0.1
673	B444-1	115	05Z0786	444-01122005-213-673	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 349	<0.1
674	B444-1	115	05Z0786	444-01122005-213-674	B444 VIA 1 POST FIXATIVE,CEILING TRACK,S OF PT 349	<0.1
675	B444-1	115	05Z0786	444-01122005-213-675	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 350	<0.1
676	B444-1	115	05Z0786	444-01122005-213-676	B444 VIA 1 POST FIXATIVE,CEILING TRACK,S OF PT 350	<0.1
677	B444-1	115	05Z0786	444-01122005-213-677	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 351	<0.1
678	B444-1	115	05Z0786	444-01122005-213-678	B444 VIA 1 POST FIXATIVE,CEILING TRACK,S OF PT 351	<0.1
679	B444-1	115	05Z0786	444-01122005-213-679	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 352	<0.1
680	B444-1	115	05Z0786	444-01122005-213-680	B444 VIA 1 POST FIXATIVE,CEILING TRACK,E OF PT 352	<0.1
681	B444-1	115	05Z0786	444-01122005-213-681	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 354	<0.1
682	B444-1	115	05Z0786	444-01122005-213-682	B444 VIA 1 POST FIXATIVE,CEILING TRACK,E OF PT 354	<0.1
683	B444-1	115	05Z0786	444-01122005-213-683	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 355	<0.1
684	B444-1	115	05Z0786	444-01122005-213-684	B444 VIA 1 POST FIXATIVE,CEILING TRACK,S OF PT 355	<0.1
685	B444-1	108A	05Z0786	444-01122005-213-685	B444 VIA 1 POST FIXATIVE,WALL PASSTHRU,NEAR PT 424	2.14
685	B444-1	108A	05Z0839	444-01202005-213-685	B444 VIA1 BIAS PDS-PT 685,WALL DUCT PASSTHRU	<0.1
686	B444-1	108A	05Z0786	444-01122005-213-686	B444 VIA 1 POST FIXATIVE,WALL PASSTHRU,NEAR PT 424	<0.1
687	B444-1	108A	05Z0786	444-01122005-213-687	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 426	<0.1
688	B444-1	108A	05Z0786	444-01122005-213-688	B444 VIA 1 POST FIXATIVE,CEILING TRACK,S OF PT 426	<0.1
689	B444-1	108A	05Z0786	444-01122005-213-689	B444 VIA 1 POST FIXATIVE,CEILING TRACK,W OF PT 427	<0.1
690	B444-1	108	05Z0786	444-01122005-213-690	B444 VIA 1 POST FIXATIVE,CEILING TRACK,E OF PT 427	<0.1
691	B444-1	108A	05Z0786	444-01122005-213-691	B444 VIA 1 POST FIXATIVE,CEILING TRACK,S OF PT 429	<0.1
692	B444-1	108A	05Z0786	444-01122005-213-692	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 429	<0.1
693	B444-1	108	05Z0786	444-01122005-213-693	B444 VIA 1 POSTFIXATIVE,CEILING PASSTHRU,NEAR PT 430	<0.1

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
694	B444-1	108B	05Z0786	444-01122005-213-694	B444 VIA 1 POSTFIXATIVE,WALL PASSTHRU,NEAR PT 432	<0.1
695	B444-1	108B	05Z0786	444-01122005-213-695	B444 VIA 1 POST FIXATIVE,CEILING TRACK,W OF PT 434	<0.1
696	B444-1	108	05Z0786	444-01122005-213-696	B444 VIA 1 POST FIXATIVE,CEILING TRACK,E OF PT 434	<0.1
697	B444-1	108B	05Z0786	444-01122005-213-697	B444 VIA 1 POSTFIXATIVE,WALL PASSTHRU,NEAR PT 435	<0.1
698	B444-1	110	05Z0786	444-01122005-213-698	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 436	<0.1
699	B444-1	110	05Z0786	444-01122005-213-699	B444 VIA 1 POST FIXATIVE,CEILING TRACK,E OF PT 436	<0.1
700	B444-1	110	05Z0786	444-01122005-213-700	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 437	<0.1
701	B444-1	110	05Z0786	444-01122005-213-701	B444 VIA 1 POST FIXATIVE,CEILING TRACK,E OF PT 437	<0.1
702	B444-1	110	05Z0786	444-01122005-213-702	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 438	<0.1
703	B444-1	110	05Z0786	444-01122005-213-703	B444 VIA 1 POST FIXATIVE,CEILING TRACK,E OF PT 438	<0.1
704	B444-1	110	05Z0786	444-01122005-213-704	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 440	<0.1
705	B444-1	110A	05Z0786	444-01122005-213-705	B444 VIA 1 POST FIXATIVE,CEILING TRACK,S OF PT 440	<0.1
706	B444-1	110A	05Z0786	444-01122005-213-706	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 441	<0.1
707	B444-1	110A	05Z0786	444-01122005-213-707	B444 VIA 1 POST FIXATIVE,CEILING TRACK,S OF PT 441	<0.1
708	B444-1	110A	05Z0786	444-01122005-213-708	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 442	<0.1
709	B444-1	110A	05Z0786	444-01122005-213-709	B444 VIA 1 POST FIXATIVE,CEILING TRACK,S OF PT 442	<0.1
710	B444-1	110	05Z0786	444-01122005-213-710	B444 VIA 1 POST FIXATIVE,CEILING PASSTHRU,NEAR PT 443	<0.1
711	B444-1	110	05Z0786	444-01122005-213-711	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 444	<0.1
712	B444-1	110	05Z0786	444-01122005-213-712	B444 VIA 1 POST FIXATIVE,CEILING TRACK,E OF PT 444	<0.1
713	B444-1	110A	05Z0786	444-01122005-213-713	B444 VIA1 POST FIXATIVE,WALL PASSTHRU,NEAR PT 445	<0.1
714	B444-1	110A	05Z0786	444-01122005-213-714	B444 VIA1 POST FIXATIVE,WALL PASSTHRU,NEAR PT 446	<0.1
715	B444-1	105	05Z0786	444-01122005-213-715	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 462	<0.1
716	B444-1	105	05Z0786	444-01122005-213-716	B444 VIA 1 POST FIXATIVE,CEILING TRACK,E OF PT 462	<0.1
717	B444-1	105	05Z0786	444-01122005-213-717	B444 VIA 1 POST FIXATIVE,CEILING TRACK,W OF PT 463	<0.1
718	B444-1	105A	05Z0786	444-01122005-213-718	B444 VIA 1 POST FIXATIVE,CEILING TRACK,S OF PT 463	<0.1
719	B444-1	103C	05Z0786	444-01122005-213-719	B444 VIA 1 POST FIXATIVE,CEILING TRACK,N OF PT 464	<0.1
720	B444-1	103C	05Z0786	444-01122005-213-720	B444 VIA 1 POST FIXATIVE,CEILING TRACK,E OF PT 464	<0.1
721	B444-1	103C	05Z0786	444-01122005-213-721	B444 VIA 1 POST FIXATIVE,CEILING TRACK,E OF PT 465	<0.1
722	B444-1	103C	05Z0786	444-01122005-213-722	B444 VIA 1 POST FIXATIVE,CEILING TRACK,W OF PT 465	<0.1
723	B444-1	102	05Z0786	444-01122005-213-723	B444 VIA 1 POST FIXATIVE,FLOOR PASSTHRU,NEAR PT 482	<0.1
724	B444-1	175	05Z0786	444-01122005-213-724	B444 VIA 1 POST FIXATIVE,FLOOR PASSTHRU,NEAR PT 487	<0.1

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Table C-1
VIA 1 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
725	B444-1	175	05Z0786	444-01122005-213-725	B444 VIA 1 POST FIXATIVE,FLOOR PASSTHRU,NEAR PT 485	<0.1
726	B444-1	175	05Z0786	444-01122005-213-726	B444 VIA 1 POST FIXATIVE,FLOOR,S OF PT 475	<0.1
727	B444-1	175	05Z0786	444-01122005-213-727	B444 VIA 1 POST FIXATIVE,FLOOR,S OF PT 475	<0.1
728	B444-1	175	05Z0786	444-01122005-213-728	B444 VIA 1 POST FIXATIVE,FLOOR,S OF PT 475	<0.1
729	B444-1	175	05Z0786	444-01122005-213-729	B444 VIA 1 POST FIXATIVE,FLOOR,SE OF PT 475	<0.1
730	B444-1	175	05Z0786	444-01122005-213-730	B444 VIA 1 POST FIXATIVE,CEILING PASSTHRU,NEAR PT 510	<0.1
731	B444-1	175	05Z0786	444-01122005-213-731	B444 VIA 1 POST FIXATIVE,CEILING PASSTHRU,NEAR PT 510	0.241
731	B444-1	175	05Z0839	444-01202005-213-731	B444 VIA1 BIAS PDS-PT 731,CEILING DUCTPASSTHRU	<0.1
741	B444-1	175	05Z0839	444-01202005-213-741	B444 VIA1 BIAS PDS-W OF PT731,CEILING DUCTPASSTHRU	<0.1
742	B444-1	175	05Z0839	444-01202005-213-742	B444 VIA1 BIAS PDS-W OF PT510,CEILING DUCTPASSTHRU	<0.1
743	B444-1	110	05Z0839	444-01202005-213-743	B444 VIA1 BIAS PDS-W OF PT510,CEILING DUCTPASSTHRU	<0.1

Footnotes:

(1) Shaded rows are beryllium results prior to the application of fixative. The unshaded rows are the final "as left" condition sample results. Fixative was applied over all elevated locations as well as extending to the boundaries of clean sample locations surrounding the elevated locations. No further investigation sampling is required.
All initial sample locations above 0.1 ug/100cm2 had fixative applied and were then re-sampled.
Also, additonal biased post-fixative samples were collected in the same general area of the initial elevated sample locations.

(2) Gaps in the sample numbering sequence are acceptable. Some sample numbers were never used. Some sample numbers were elevated, then decontaminated, and then resampled using the same initial sample number or another sample number.

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ATTACHMENT C-2

VIA 2 PDS BERYLLIUM DATA SUMMARIES AND SAMPLE MAPS

Table C-2
VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
1	B444-2	139	04Z2602	444-09222004-213-001	444-VIA2:PDS SAMPLE PT 1,FLOOR	<0.1
1	B444-2	180 Crawlspace	05Z0064	444009302004-213-301	444-VIA2:PDS SAMPLE PT 1,FLOOR	<0.1
2	B444-2	143C	04Z2602	444-09222004-213-002	444-VIA2:PDS SAMPLE PT 2,FLOOR	<0.1
2	B444-2	180 Crawlspace	05Z0064	444009302004-213-302	444-VIA2:PDS SAMPLE PT 2,FLOOR	<0.1
3	B444-2	148	04Z2602	444-09222004-213-003	444-VIA2:PDS SAMPLE PT 3,FLOOR	<0.1
3	B444-2	180 Crawlspace	05Z0064	444009302004-213-303	444-VIA2:PDS SAMPLE PT 3,FLOOR	<0.1
4	B444-2	148	04Z2602	444-09222004-213-004	444-VIA2:PDS SAMPLE PT 4,FLOOR	<0.1
4	B444-2	180 Crawlspace	05Z0064	444009302004-213-304	444-VIA2:PDS SAMPLE PT 4,FLOOR	<0.1
5	B444-2	180	04Z2602	444-09222004-213-005	444-VIA2:PDS SAMPLE PT 5,FLOOR	<0.1
5	B444-2	180 Crawlspace	05Z0064	444009302004-213-305	444-VIA2:PDS SAMPLE PT 5,FLOOR	<0.1
6	B444-2	129	04Z2602	444-09222004-213-006	444-VIA2:PDS SAMPLE PT 6,FLOOR	<0.1
6	B444-2	180 Crawlspace	05Z0064	444009302004-213-306	444-VIA2:PDS SAMPLE PT 6,FLOOR	<0.1
7	B444-2	180	04Z2602	444-09222004-213-007	444-VIA2:PDS SAMPLE PT 7,FLOOR	<0.1
7	B444-2	180 Crawlspace	05Z0064	444009302004-213-307	444-VIA2:PDS SAMPLE PT 7,FLOOR	<0.1
8	B444-2	142	04Z2602	444-09222004-213-008	444-VIA2:PDS SAMPLE PT 8,FLOOR	<0.1
8	B444-2	180 Crawlspace	05Z0064	444009302004-213-308	444-VIA2:PDS SAMPLE PT 8,FLOOR	<0.1
9	B444-2	143	04Z2602	444-09222004-213-009	444-VIA2:PDS SAMPLE PT 9,FLOOR	<0.1
9	B444-2	180 Crawlspace	05Z0064	444009302004-213-309	444-VIA2:PDS SAMPLE PT 9,FLOOR	0.196
9	B444-2	180 Crawlspace	05Z0252	444-11032004-213-309	B444,VIA2:PDS POSTDECON SAMPLE PT 9,FLOOR	<0.1
10	B444-2	143	04Z2602	444-09222004-213-010	444-VIA2:PDS SAMPLE PT 10,FLOOR	<0.1
10	B444-2	180 Crawlspace	05Z0064	444009302004-213-310	444-VIA2:PDS SAMPLE PT 10,FLOOR	0.123
10	B444-2	180 Crawlspace	05Z0252	444-11032004-213-310	B444,VIA2:PDS POSTDECON SAMPLE PT 10,FLOOR	<0.1
11	B444-2	180	04Z2602	444-09222004-213-011	444-VIA2:PDS SAMPLE PT 11,FLOOR	<0.1
12	B444-2	139	04Z2602	444-09222004-213-012	444-VIA2:PDS SAMPLE PT 12,FLOOR	<0.1
13	B444-2	139	04Z2602	444-09222004-213-013	444-VIA2:PDS SAMPLE PT 13,FLOOR	<0.1
14	B444-2	182	04Z2602	444-09222004-213-014	444-VIA2:PDS SAMPLE PT 14,FLOOR	<0.1
15	B444-2	260	04Z2602	444-09222004-213-015	444-VIA2:PDS SAMPLE PT 15,FLOOR	0.111
15	B444-2	260	05Z0251	444-10292004-213-015	B.444,VIA2:PDS POSTDECON SAMPLE PT. 15, FLOOR	<0.1
16	B444-2	143B	04Z2602	444-09222004-213-016	444-VIA2:PDS SAMPLE PT 16,FLOOR	<0.1
17	B444-2	180B	04Z2602	444-09222004-213-017	444-VIA2:PDS SAMPLE PT 17,FLOOR	<0.1
18	B444-2	182	04Z2602	444-09222004-213-018	444-VIA2:PDS SAMPLE PT 18,FLOOR	<0.1
19	B444-2	138	04Z2602	444-09222004-213-019	444-VIA2:PDS SAMPLE PT 19,FLOOR	<0.1
20	B444-2	181	04Z2602	444-09222004-213-020	444-VIA2:PDS SAMPLE PT 20,FLOOR	<0.1
21	B444-2	143	04Z2602	444-09222004-213-021	444-VIA2:PDS SAMPLE PT 21,FLOOR	0.138
21	B444-2	143	05Z0251	444-10292004-213-021	B.444,VIA2:PDS POSTDECON SAMPLE PT. 21, FLOOR	<0.1
22	B444-2	138	04Z2602	444-09222004-213-022	444-VIA2:PDS SAMPLE PT 22,FLOOR	<0.1
23	B444-2	148	04Z2602	444-09222004-213-023	444-VIA2:PDS SAMPLE PT 23,FLOOR	<0.1
24	B444-2	148	04Z2602	444-09222004-213-024	444-VIA2:PDS SAMPLE PT 24,FLOOR	<0.1
25	B444-2	143	04Z2602	444-09222004-213-025	444-VIA2:PDS SAMPLE PT 25,FLOOR	<0.1
26	B444-2	181	04Z2602	444-09222004-213-026	444-VIA2:PDS SAMPLE PT 26,FLOOR	<0.1
27	B444-2	139	04Z2602	444-09222004-213-027	444-VIA2:PDS SAMPLE PT 27,FLOOR	<0.1
28	B444-2	148	04Z2602	444-09222004-213-028	444-VIA2:PDS SAMPLE PT 28,FLOOR	<0.1
29	B444-2	148B	04Z2602	444-09222004-213-029	444-VIA2:PDS SAMPLE PT 29,FLOOR	<0.1
30	B444-2	148B	04Z2602	444-09222004-213-030	444-VIA2:PDS SAMPLE PT 30,FLOOR	<0.1
31	B444-2	139	04Z2602	444-09222004-213-031	444-VIA2:PDS SAMPLE PT 31,FLOOR	<0.1
32	B444-2	151	04Z2602	444-09222004-213-032	444-VIA2:PDS SAMPLE PT 32,FLOOR	<0.1
33	B444-2	260	04Z2602	444-09222004-213-033	444-VIA2:PDS SAMPLE PT 33,FLOOR	<0.1
34	B444-2	281	04Z2602	444-09222004-213-034	444-VIA2:PDS SAMPLE PT 34,FLOOR	<0.1
35	B444-2	143A	04Z2602	444-09222004-213-035	444-VIA2:PDS SAMPLE PT 35,FLOOR	<0.1
36	B444-2	180	04Z2602	444-09222004-213-036	444-VIA2:PDS SAMPLE PT 36,FLOOR	<0.1
37	B444-2	138	04Z2602	444-09222004-213-037	444-VIA2:PDS SAMPLE PT 37,FLOOR	<0.1
38	B444-2	148C	04Z2602	444-09222004-213-038	444-VIA2:PDS SAMPLE PT 38,FLOOR	<0.1
39	B444-2	180	04Z2602	444-09222004-213-039	444-VIA2:PDS SAMPLE PT 39,FLOOR	<0.1

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Table C-2
VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
40	B444-2	143C	04Z2602	444-09222004-213-040	444-VIA2:PDS SAMPLE PT 40,FLOOR	<0.1
41	B444-2	148	04Z2602	444-09222004-213-041	444-VIA2:PDS SAMPLE PT 41,FLOOR	0.264
41	B444-2	148	05Z0066	444-10112004-01-370	B444 VIA2 - PDS SAMPLE POINT - POST FIXATIVE - FLOOR	<0.1
42	B444-2	148A	04Z2602	444-09222004-213-042	444-VIA2:PDS SAMPLE PT 42,FLOOR	<0.1
43	B444-2	179	04Z2602	444-09222004-213-043	444-VIA2:PDS SAMPLE PT 43,FLOOR	0.126
43	B444-2	179	05Z0664	444-12282004-213-688	B444 VIA 2 - PDS POSTENCAP SAMPLE:FLOOR, E END OF HALL	<0.1
44	B444-2	180	04Z2602	444-09222004-213-044	444-VIA2:PDS SAMPLE PT 44,FLOOR	<0.1
45	B444-2	180	04Z2602	444-09222004-213-045	444-VIA2:PDS SAMPLE PT 45,FLOOR	<0.1
46	B444-2	150A	04Z2602	444-09222004-213-046	444-VIA2:PDS SAMPLE PT 46,FLOOR	<0.1
47	B444-2	148	04Z2602	444-09222004-213-047	444-VIA2:PDS SAMPLE PT 47,FLOOR	<0.1
48	B444-2	180	04Z2602	444-09222004-213-048	444-VIA2:PDS SAMPLE PT 48,FLOOR	<0.1
49	B444-2	180B	04Z2602	444-09222004-213-049	444-VIA2:PDS SAMPLE PT 49,FLOOR	<0.1
50	B444-2	182	04Z2602	444-09222004-213-050	444-VIA2:PDS SAMPLE PT 50,FLOOR	0.114
50	B444-2	182	05Z0251	444-10292004-213-050	B.444,VIA2:PDS POSTDECON SAMPLE PT. 50, FLOOR	<0.1
51	B444-2	181	04Z2602	444-09222004-213-051	444-VIA2:PDS SAMPLE PT 51,FLOOR	<0.1
52	B444-2	180	04Z2602	444-09222004-213-052	444-VIA2:PDS SAMPLE PT 52,FLOOR	0.135
52	B444-2	180	05Z0251	444-10292004-213-052	B.444,VIA2:PDS POSTDECON SAMPLE PT. 52, FLOOR	<0.1
53	B444-2	138	04Z2602	444-09222004-213-053	444-VIA2:PDS SAMPLE PT 53,FLOOR	<0.1
54	B444-2	143D	04Z2602	444-09222004-213-054	444-VIA2:PDS SAMPLE PT 54,FLOOR	<0.1
55	B444-2	148	04Z2602	444-09222004-213-055	444-VIA2:PDS SAMPLE PT 55,FLOOR	<0.1
56	B444-2	148B	04Z2602	444-09222004-213-056	444-VIA2:PDS SAMPLE PT 56,FLOOR	<0.1
57	B444-2	182	04Z2602	444-09222004-213-057	444-VIA2:PDS SAMPLE PT 57,FLOOR	<0.1
58	B444-2	182	04Z2602	444-09222004-213-058	444-VIA2:PDS SAMPLE PT 58,FLOOR	<0.1
59	B444-2	148A	04Z2602	444-09222004-213-059	444-VIA2:PDS SAMPLE PT 59,FLOOR	<0.1
60	B444-2	180	04Z2602	444-09222004-213-060	444-VIA2:PDS SAMPLE PT 60,FLOOR	<0.1
61	B444-2	181	04Z2602	444-09222004-213-061	444-VIA2:PDS SAMPLE PT 61,FLOOR	<0.1
62	B444-2	148B	04Z2602	444-09222004-213-062	444-VIA2:PDS SAMPLE PT 62,FLOOR	<0.1
63	B444-2	182	04Z2602	444-09222004-213-063	444-VIA2:PDS SAMPLE PT 63,FLOOR	<0.1
64	B444-2	148	04Z2602	444-09222004-213-064	444-VIA2:PDS SAMPLE PT 64,FLOOR	<0.1
65	B444-2	148	04Z2602	444-09222004-213-065	444-VIA2:PDS SAMPLE PT 65,FLOOR	<0.1
66	B444-2	143	04Z2602	444-09222004-213-066	444-VIA2:PDS SAMPLE PT 66,FLOOR	<0.1
67	B444-2	148	04Z2602	444-09222004-213-067	444-VIA2:PDS SAMPLE PT 67,FLOOR	<0.1
68	B444-2	180	04Z2602	444-09222004-213-068	444-VIA2:PDS SAMPLE PT 68,FLOOR	<0.1
69	B444-2	182	04Z2602	444-09222004-213-069	444-VIA2:PDS SAMPLE PT 69,FLOOR	<0.1
70	B444-2	182	04Z2602	444-09222004-213-070	444-VIA2:PDS SAMPLE PT 70,FLOOR	<0.1
71	B444-2	138	04Z2602	444-09222004-213-071	444-VIA2:PDS SAMPLE PT 71,FLOOR	<0.1
72	B444-2	180B	04Z2602	444-09222004-213-072	444-VIA2:PDS SAMPLE PT 72,FLOOR	<0.1
73	B444-2	260	04Z2602	444-09222004-213-073	444-VIA2:PDS SAMPLE PT 73,FLOOR	<0.1
74	B444-2	139	04Z2602	444-09222004-213-074	444-VIA2:PDS SAMPLE PT 74,FLOOR	<0.1
75	B444-2	138	04Z2602	444-09222004-213-075	444-VIA2:PDS SAMPLE PT 75,FLOOR	<0.1
76	B444-2	181	04Z2602	444-09222004-213-076	444-VIA2:BIAS SAMPLE,VENT GRATE,E/CENTER	0.185
76	B444-2	181	05Z0251	444-10292004-213-076	B.444,VIA2:BIAS POSTDECON SAMPLE PT. 76, VENT	<0.1
77	B444-2	181	04Z2602	444-09222004-213-077	444-VIA2:BIAS SAMPLE,VENT GRATE,E/CENTER	<0.1
78	B444-2	181	04Z2602	444-09222004-213-078	444-VIA2:BIAS SAMPLE,VENT GRATE,W/CENTER	0.275
78	B444-2	181	05Z0251	444-10292004-213-078	B.444,VIA2:BIAS POSTDECON SAMPLE PT. 78 VENT	<0.1
79	B444-2	181	04Z2602	444-09222004-213-079	444-VIA2:BIAS SAMPLE,VENT GRATE,W/CENTER	0.141
79	B444-2	181	05Z0251	444-10292004-213-079	B.444,VIA2:BIAS POSTDECON SAMPLE PT. 79, VENT	<0.1
80	B444-2	181	04Z2602	444-09222004-213-080	444-VIA2:BIAS SAMPLE,ELECT CHASE,E/CENTER	<0.1
81	B444-2	181	04Z2602	444-09222004-213-081	444-VIA2:BIAS SAMPLE,ELECT CHASE,E/CENTER	<0.1
82	B444-2	181	04Z2602	444-09222004-213-082	444-VIA2:BIAS SAMPLE,ELECT CHASE,E/CENTER	<0.1
83	B444-2	181	04Z2602	444-09222004-213-083	444-VIA2:BIAS SAMPLE,ELECT CHASE,SW ON RAIL	<0.1

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VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
84	B444-2	181	04Z2602	444-09222004-213-084	444-VIA2:BIAS SAMPLE,ELECT CHASE,SW ON FLOOR	0.204
84	B444-2	181	05Z0251	444-10292004-213-084	B.444,VIA2:BIAS POSTDECON SAMPLE PT. 84,ELEC CHASE	<0.1
85	B444-2	181	04Z2602	444-09222004-213-085	444-VIA2:BIAS SAMPLE,FLOOR SE AREA	<0.1
86	B444-2	181	04Z2602	444-09222004-213-086	444-VIA2:BIAS SAMPLE,FLOOR @ STAIRS	<0.1
87	B444-2	181	04Z2602	444-09222004-213-087	444-VIA2:BIAS SAMPLE,FLOOR NE AREA	<0.1
88	B444-2	181	04Z2602	444-09222004-213-088	444-VIA2:BIAS SAMPLE,FLOOR NW AREA	<0.1
89	B444-2	181	04Z2602	444-09222004-213-089	444-VIA2:BIAS SAMPLE,FLOOR @ W WALL/CRACK	0.106
89	B444-2	181	05Z0251	444-10292004-213-089	B.444,VIA2:BIAS POSTDECON SAMPLE PT. 89, FLOOR	<0.1
90	B444-2	181	04Z2602	444-09222004-213-090	444-VIA2:BIAS SAMPLE,ON STAIRWAY STEPS	<0.1
91	B444-2	281	04Z2602	444-09222004-213-091	444-VIA2:BIAS SAMPLE,PIPE PASSTHRU,NE CORNER	0.241
91	B444-2	281	05Z0251	444-10292004-213-091	B.444,VIA2:BIAS POSTDECON SAMPLE PT. 91, PASSTHRU	<0.1
92	B444-2	281	04Z2602	444-09222004-213-092	444-VIA2:BIAS SAMPLE,INSIDE CINDERBLOCK WALL	<0.1
93	B444-2	281	04Z2602	444-09222004-213-093	444-VIA2:BIAS SAMPLE,SE AREA	<0.1
94	B444-2	281	04Z2602	444-09222004-213-094	444-VIA2:BIAS SAMPLE,NW AREA	<0.1
95	B444-2	281	04Z2602	444-09222004-213-095	444-VIA2:BIAS SAMPLE,FLOOR @ CENTER	<0.1
96	B444-2	181	04Z2602	444-09222004-213-096	444-VIA2:BIAS SAMPLE,FLOOR @ W WALL	<0.1
97	B444-2	180	04Z2602	444-09222004-213-097	444-VIA2:BIAS SAMPLE,ELECT CHASE SE AREA	0.145
97	B444-2	180	05Z0251	444-10292004-213-097	B.444,VIA2:BIAS POSTDECON SAMPLE PT. 97,ELEC CHASE	<0.1
98	B444-2	180	04Z2602	444-09222004-213-098	444-VIA2:BIAS SAMPLE,ELECT CHASE SE AREA	0.253
98	B444-2	180	05Z0251	444-10292004-213-098	B.444,VIA2:BIAS POSTDECON SAMPLE PT. 98,ELEC CHASE	<0.1
99	B444-2	180	04Z2602	444-09222004-213-099	444-VIA2:BIAS SAMPLE,ELECT CHASE,E WALL@S END	0.383
99	B444-2	180	05Z0251	444-10292004-213-099	B.444,VIA2:BIAS POSTDECON SAMPLE PT. 99,ELEC CHASE	<0.1
100	B444-2	180	04Z2602	444-09222004-213-100	444-VIA2:BIAS SAMPLE,ELECT CHASE,CENTER,N END	<0.1
101	B444-2	180	04Z2602	444-09222004-213-101	444-VIA2:BIAS SAMPLE,ELECT CHASE,W WALL,N END	0.135
101	B444-2	180	05Z0251	444-10292004-213-101	B.444,VIA2:BIAS POSTDECON SAMPLE PT.101,ELECTRICAL CHASE/VENT	<0.1
102	B444-2	180	04Z2602	444-09222004-213-102	444-VIA2:BIAS SAMPLE,ELECT CHASE,W WALL,S END	<0.1
103	B444-2	180	04Z2602	444-09222004-213-103	444-VIA2:BIAS SAMPLE,FLOOR,SW AREA	<0.1
104	B444-2	180	04Z2602	444-09222004-213-104	444-VIA2:BIAS SAMPLE,FLOOR,SE AREA	<0.1
105	B444-2	180	04Z2602	444-09222004-213-105	444-VIA2:BIAS SAMPLE,FLOOR,S END,E WALL	<0.1
106	B444-2	180	04Z2602	444-09222004-213-106	444-VIA2:BIAS SAMPLE,FLOOR,S END,E WALL	<0.1
107	B444-2	180	04Z2602	444-09222004-213-107	444-VIA2:BIAS SAMPLE,FLOOR,W WALL	<0.1
108	B444-2	180	04Z2602	444-09222004-213-108	444-VIA2:BIAS SAMPLE,FLOOR,CENTER AREA	<0.1
109	B444-2	180	04Z2602	444-09222004-213-109	444-VIA2:BIAS SAMPLE,FLOOR,NW AREA	<0.1
110	B444-2	180	04Z2602	444-09222004-213-110	444-VIA2:BIAS SAMPLE,FLOOR,N END @ 182	<0.1
111	B444-2	180	04Z2602	444-09222004-213-111	444-VIA2:BIAS SAMPLE,FLOOR,N END,CENTER AREA	<0.1
112	B444-2	180	04Z2602	444-09222004-213-112	444-VIA2:BIAS SAMPLE,FLOOR,N END,CENTER AREA	<0.1
113	B444-2	180	04Z2602	444-09222004-213-113	444-VIA2:BIAS SAMPLE,VENT GRATE,N END,CENTER AREA	<0.1
114	B444-2	180	04Z2602	444-09222004-213-114	444-VIA2:BIAS SAMPLE,VENT GRATE,N END,CENTER AREA	0.105
114	B444-2	180	05Z0251	444-10292004-213-114	B.444,VIA2:BIAS POSTDECON SAMPLE PT.114,VENT	<0.1

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Table C-2
VIA 2 Beryllium Data Summary

Sample Map Location #.	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
115	B444-2	180	04Z2602	444-09222004-213-115	444-VIA2:BIAS SAMPLE,FLOOR,E WALL,S END	<0.1
116	B444-2	180	04Z2602	444-09222004-213-116	444-VIA2:BIAS SAMPLE,VENT GRATE,E WALL,S END	0.131
116	B444-2	180	05Z0251	444-10292004-213-116	B.444,VIA2:BIAS POSTDECON SAMPLE PT.116,VENT	<0.1
117	B444-2	183	04Z2602	444-09222004-213-117	444-VIA2:BIAS SAMPLE,FLOOR,N END	<0.1
118	B444-2	183	04Z2602	444-09222004-213-118	444-VIA2:BIAS SAMPLE,FLOOR,S END	<0.1
119	B444-2	183	04Z2602	444-09222004-213-119	444-VIA2:BIAS SAMPLE,FLOOR,CENTER	<0.1
120	B444-2	180	04Z2602	444-09222004-213-120	444-VIA2:BIAS SAMPLE,FLOOR @ HALL, TO 148B	0.148
120	B444-2	180	05Z0252	444-10292004-213-120	B444,VIA2:PDS POSTDECON SAMPLE PT120,FLOOR	<0.1
121	B444-2	182	04Z2602	444-09222004-213-121	444-VIA2:BIAS SAMPLE,FLOOR NW AREA	<0.1
122	B444-2	182	04Z2602	444-09222004-213-122	444-VIA2:BIAS SAMPLE,GRATE OVER PLENUM CHASE,N	0.162
122	B444-2	182	05Z0251	444-10292004-213-122	B.444,VIA2:BIAS POSTDECON SAMPLE PT.122,GRATE	<0.1
123	B444-2	182	04Z2602	444-09222004-213-123	444-VIA2:BIAS SAMPLE,GRATE OVER PLENUM CHASE,S	0.167
123	B444-2	182	05Z0251	444-10292004-213-123	B.444,VIA2:BIAS POSTDECON SAMPLE PT.123,GRATE	<0.1
124	B444-2	182	04Z2602	444-09222004-213-124	444-VIA2:BIAS SAMPLE,FLOOR E END TO 148A	0.134
124	B444-2	182	05Z0251	444-10292004-213-124	B.444,VIA2:BIAS POSTDECON SAMPLE PT.124,FLOOR	<0.1
125	B444-2	182	04Z2602	444-09222004-213-125	444-VIA2:BIAS SAMPLE,N END/CENTER	<0.1
126	B444-2	182	04Z2602	444-09222004-213-126	444-VIA2:BIAS SAMPLE,FLOOR UNDERNEATH STAIRS	<0.1
127	B444-2	260	04Z2602	444-09222004-213-127	444-VIA2:BIAS SAMPLE,N WALL @ CENTER	<0.1
128	B444-2	260	04Z2602	444-09222004-213-128	444-VIA2:BIAS SAMPLE,GRATING @ N WALL/CENTER	<0.1
129	B444-2	260	04Z2602	444-09222004-213-129	444-VIA2:BIAS SAMPLE,GRATING @ N WALL/W END	<0.1
130	B444-2	260	04Z2602	444-09222004-213-130	444-VIA2:BIAS SAMPLE,N WALL, W END	<0.1
131	B444-2	260	04Z2602	444-09222004-213-131	444-VIA2:BIAS SAMPLE,FRAME OF SUPPLY DUCT@GRATING	<0.1
132	B444-2	260	04Z2602	444-09222004-213-132	444-VIA2:BIAS SAMPLE,WALL @ E END	<0.1
133	B444-2	260	04Z2602	444-09222004-213-133	444-VIA2:BIAS SAMPLE,STAIRS TO ROOF/DOOR 43	<0.1
134	B444-2	183	04Z2602	444-09222004-213-134	444-VIA2:BIAS SAMPLE,INSIDE VENT DUCT FROM RM 183	<0.1
135	B444-2	182	04Z2602	444-09222004-213-135	444-VIA2:BIAS SAMPLE,STAIRS TO RM 260	<0.1
136	B444-2	180	04Z2602	444-09222004-213-136	444-VIA2:BIAS SMPL,S END,TOP MID DUCT	<0.1
137	B444-2	180	04Z2602	444-09222004-213-137	444-VIA2:BIAS SMPL,S END,TOP MID BEAM	0.14
137	B444-2	180	05Z0251	444-10292004-213-137	B.444,VIA2:BIAS POSTDECON SAMPLE PT.137,OVERHEAD	<0.1
138	B444-2	180	04Z2602	444-09222004-213-138	444-VIA2:BIAS SMPL,S END,ON FIRE LINE	<0.1
139	B444-2	180	04Z2602	444-09222004-213-139	444-VIA2:BIAS SMPL,SW/E END,ON CRANE	<0.1
140	B444-2	180	04Z2602	444-09222004-213-140	444-VIA2:BIAS SMPL,SW/E END,ON E DUCT	<0.1
141	B444-2	180	04Z2602	444-09222004-213-141	444-VIA2:BIAS SMPL,CENTER,ON TOP DUCT	<0.1
142	B444-2	180	04Z2602	444-09222004-213-142	444-VIA2:BIAS SMPL,CENTER,ON FIRE LINE	0.175
142	B444-2	180	05Z0251	444-10292004-213-142	B.444,VIA2:BIAS POSTDECON SAMPLE PT.142,OVERHEAD	<0.1
143	B444-2	180	04Z2602	444-09222004-213-143	444-VIA2:BIAS SMPL,CENTER,ON TOP BEAM	<0.1
144	B444-2	180	04Z2602	444-09222004-213-144	444-VIA2:BIAS SMPL,CENTER,ON LOW DUCT	<0.1
145	B444-2	180	04Z2602	444-09222004-213-145	444-VIA2:BIAS SMPL,CENTER,W CRANE RAIL	<0.1
146	B444-2	180	04Z2602	444-09222004-213-146	444-VIA2:BIAS SMPL,N END,ON TOP BEAM	<0.1

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Table C-2
VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100.cm^2)
147	B444-2	180	04Z2602	444-09222004-213-147	444-VIA2:BIAS SMPL,N END,ON FIRE LINE	<0.1
148	B444-2	180	04Z2602	444-09222004-213-148	444-VIA2:BIAS SMPL,N END,ON TOP DUCT	<0.1
149	B444-2	180	04Z2602	444-09222004-213-149	444-VIA2:BIAS SMPL,N END,ON LOWER DUCT	<0.1
150	B444-2	180	04Z2602	444-09222004-213-150	444-VIA2:BIAS SMPL,SE END,ON ELEC BOX OVER 181 DOOR	<0.1
151	B444-2	180	04Z2602	444-09222004-213-151	444-VIA2:BIAS SMPL,SE END,DUCT PASSTHRU TO 181	<0.1
152	B444-2	180	04Z2602	444-09222004-213-152	444-VIA2:BIAS SMPL,SE END,FIRELINE OVER 181 DOOR	<0.1
153	B444-2	180	04Z2602	444-09222004-213-153	444-VIA2:BIAS SMPL,SE END,TOP BEAM OVER 181 D00R	<0.1
154	B444-2	180	04Z2602	444-09222004-213-154	444-VIA2:BIAS SMPL,SE END,TOP BEAM OVER 181 DOOR	<0.1
155	B444-2	180	04Z2602	444-09222004-213-155	444-VIA2:BIAS SMPL,E END,ROOF OVER DOORWAY TO 183	<0.1
156	B444-2	180	04Z2602	444-09222004-213-156	444-VIA2:BIAS SMPL,NE END,CRANE RAIL	<0.1
157	B444-2	180	04Z2602	444-09222004-213-157	444-VIA2:BIAS SMPL,NE END,TOP BEAM	<0.1
158	B444-2	180	04Z2602	444-09222004-213-158	444-VIA2:BIAS SMPL,NE END,TRANSITE WALL & FRAME	<0.1
159	B444-2	180	04Z2602	444-09222004-213-159	444-VIA2:BIAS SMPL,NE END,CONDUIT ALONG WALL	<0.1
160	B444-2	180	04Z2602	444-09222004-213-160	444-VIA2:BIAS SMPL,N/E END,TOP BEAM	<0.1
161	B444-2	180	04Z2602	444-09222004-213-161	444-VIA2:BIAS SMPL,N/E END,FIRE LINE	<0.1
162	B444-2	180	04Z2602	444-09222004-213-162	444-VIA2:BIAS SMPL,N/E END,SUPPLY DUCT PASSTHRU	<0.1
163	B444-2	180	04Z2602	444-09222004-213-163	444-VIA2:BIAS SMPL,N/E END,CRANE RAIL	<0.1
164	B444-2	180	04Z2602	444-09222004-213-164	444-VIA2:BIAS SMPL,N/E END,CONDUIT ALONG N WALL	<0.1
165	B444-2	181	04Z2602	444-09222004-213-165	444-VIA2:BIAS SMPL,SE END,FIRE LINE	<0.1
166	B444-2	181	04Z2602	444-09222004-213-166	444-VIA2:BIAS SMPL,SE END,CRANE RAIL	<0.1
167	B444-2	181	04Z2602	444-09222004-213-167	444-VIA2:BIAS SMPL,W END,TOP BEAM OVER PT 61	<0.1
168	B444-2	181	04Z2602	444-09222004-213-168	444-VIA2:BIAS SMPL,W END,CRANE RAIL	<0.1
169	B444-2	181	04Z2602	444-09222004-213-169	444-VIA2:BIAS SMPL,NW END,TOP BEAM	<0.1
170	B444-2	181	04Z2602	444-09222004-213-170	444-VIA2:BIAS SMPL,NW END,FIRE LINE	<0.1
171	B444-2	181	04Z2602	444-09222004-213-171	444-VIA2:BIAS SMPL,NW END,CRANE RAIL	<0.1
172	B444-2	181	04Z2602	444-09222004-213-172	444-VIA2:BIAS SMPL,NW END,CRANE RAIL	<0.1
173	B444-2	181	04Z2602	444-09222004-213-173	444-VIA2:BIAS SMPL,E END,TRANSITE WALL/FRAME	<0.1
174	B444-2	181	04Z2602	444-09222004-213-174	444-VIA2:BIAS SMPL,E END,CRANE RAIL	<0.1
175	B444-2	181	04Z2602	444-09222004-213-175	444-VIA2:BIAS SMPL,N END,BEAM UNDER FLOOR	<0.1
176	B444-2	181	04Z2602	444-09222004-213-176	444-VIA2:BIAS SMPL,N END,BEAM UNDER FLOOR	<0.1
177	B444-2	181	04Z2602	444-09222004-213-177	444-VIA2:BIAS SMPL,NE END,BEAM UNDER FLOOR	<0.1
178	B444-2	181	04Z2602	444-09222004-213-178	444-VIA2:BIAS SMPL,NW END,BEAM UNDER FLOOR	<0.1
179	B444-2	148A	04Z2602	444-09222004-213-179	444-VIA2:BIAS SMPL,FLOOR,NW END	<0.1
180	B444-2	148A	04Z2602	444-09222004-213-180	444-VIA2:BIAS SMPL,FLOOR,SW END	<0.1
181	B444-2	148A	04Z2602	444-09222004-213-181	444-VIA2:BIAS SMPL,FLOOR,SE END	<0.1
182	B444-2	148A	04Z2602	444-09222004-213-182	444-VIA2:BIAS SMPL,FLOOR,NE END	<0.1
183	B444-2	148A	04Z2602	444-09222004-213-183	444-VIA2:BIAS SMPL,FLOOR,NE @ OPENING T0 182	<0.1
184	B444-2	148D	04Z2602	444-09222004-213-184	444-VIA2:BIAS SMPL,FLOOR,W END	<0.1
185	B444-2	148D	04Z2602	444-09222004-213-185	444-VIA2:BIAS SMPL,FLOOR,MIDDLE	<0.1
186	B444-2	148D	04Z2602	444-09222004-213-186	444-VIA2:BIAS SMPL,FLOOR, E END	<0.1
187	B444-2	148C	04Z2602	444-09222004-213-187	444-VIA2:BIAS SMPL,FLOOR, W END	<0.1
188	B444-2	148C	04Z2602	444-09222004-213-188	444-VIA2:BIAS SMPL,FLOOR,MIDDLE	<0.1
189	B444-2	148C	04Z2602	444-09222004-213-189	444-VIA2:BIAS SMPL,FLOOR,E END	<0.1
190	B444-2	148	04Z2602	444-09222004-213-190	444-VIA2:BIAS SMPL,FLOOR,NW END	<0.1
191	B444-2	148	04Z2602	444-09222004-213-191	444-VIA2:BIAS SMPL,FLOOR,SW END	<0.1
192	B444-2	148	04Z2602	444-09222004-213-192	444-VIA2:BIAS SMPL,FLOOR,NW END	0.124

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Table C-2
VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
192	B444-2	148	05Z0066	444-10112004-01-375	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR	<0.1
193	B444-2	148	04Z2602	444-09222004-213-193	444-VIA2:BIAS SMPL,FLOOR,MIDDLE, W END	<0.1
194	B444-2	148	04Z2602	444-09222004-213-194	444-VIA2:BIAS SMPL,FLOOR,SW END	0.262
194	B444-2	148	05Z0066	444-10112004-01-380	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR	<0.1
195	B444-2	148	04Z2602	444-09222004-213-195	444-VIA2:BIAS SMPL,FLOOR,N END,MIDDLE	<0.1
196	B444-2	148	04Z2602	444-09222004-213-196	444-VIA2:BIAS SMPL,FLOOR,S END,MIDDLE	<0.1
197	B444-2	148	04Z2602	444-09222004-213-197	444-VIA2:BIAS SMPL,FLOOR,S END @ DOOR TO 138	0.211
197	B444-2	148	05Z0066	444-10112004-01-385	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR	<0.1
198	B444-2	148	04Z2602	444-09222004-213-198	444-VIA2:BIAS SMPL,FLOOR,S END	<0.1
199	B444-2	148	04Z2602	444-09222004-213-199	444-VIA2:BIAS SMPL,FLOOR,SE END	<0.1
200	B444-2	148	04Z2602	444-09222004-213-200	444-VIA2:BIAS SMPL,FLOOR,SE END	<0.1
201	B444-2	148	04Z2602	444-09222004-213-201	444-VIA2:BIAS SMPL,FLOOR,NE END	<0.1
202	B444-2	148	04Z2602	444-09222004-213-202	444-VIA2:BIAS SMPL,FLOOR,E END @ DOOR TO 151	<0.1
203	B444-2	151	04Z2602	444-09222004-213-203	444-VIA2:BIAS SMPL,FLOOR,SE END	0.104
203	B444-2	151	05Z0066	444-10112004-01-390	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR	<0.1
204	B444-2	151	04Z2602	444-09222004-213-204	444-VIA2:BIAS SMPL,FLOOR,MIDDLE	<0.1
205	B444-2	151	04Z2602	444-09222004-213-205	444-VIA2:BIAS SMPL,FLOOR,NW END	<0.1
206	B444-2	151	04Z2602	444-09222004-213-206	444-VIA2:BIAS SMPL,FLOOR,NE END	<0.1
207	B444-2	151	04Z2602	444-09222004-213-207	444-VIA2:BIAS SMPL,FLOOR,SE END	<0.1
208	B444-2	150	04Z2602	444-09222004-213-208	444-VIA2:BIAS SMPL,FLOOR,W END	<0.1
209	B444-2	150	04Z2602	444-09222004-213-209	444-VIA2:BIAS SMPL,FLOOR,MIDDLE	<0.1
210	B444-2	150A	04Z2602	444-09222004-213-210	444-VIA2:BIAS SMPL,FLOOR,E END	<0.1
211	B444-2	148D	04Z2602	444-09222004-213-211	444-VIA2:BIAS SMPL,WALL FRAME/CEILING	<0.1
212	B444-2	148D	04Z2602	444-09222004-213-212	444-VIA2:BIAS SMPL,WALL FRAME/CEILING	<0.1
213	B444-2	148A	04Z2602	444-09222004-213-213	444-VIA2:BIAS SMPL,NE BEAM/CRANE/DUCT	<0.1
214	B444-2	148A	04Z2602	444-09222004-213-214	444-VIA2:BIAS SMPL,SW BEAM/CRANE	<0.1
215	B444-2	148A	04Z2602	444-09222004-213-215	444-VIA2:BIAS SMPL,SE BEAM/CRANE	<0.1
216	B444-2	148C	04Z2602	444-09222004-213-216	444-VIA2:BIAS SMPL,CEILING/BEAM,W END	<0.1
217	B444-2	148C	04Z2602	444-09222004-213-217	444-VIA2:BIAS SMPL,CEILING/BEAM,E	<0.1
218	B444-2	148	04Z2602	444-09222004-213-218	444-VIA2:BIAS SMPL,CEILING/HANGER TRACK,NW END	<0.1
219	B444-2	148	04Z2602	444-09222004-213-219	444-VIA2:BIAS SMPL,CEILING/HANGER TRACK,SW END	<0.1
220	B444-2	148	04Z2602	444-09222004-213-220	444-VIA2:BIAS SMPL,CEILING/HANGER TRACK,N/W END	<0.1
221	B444-2	148	04Z2602	444-09222004-213-221	444-VIA2:BIAS SMPL,CEILING/HANGER TRACK,S END,OVER PT 4	<0.1
222	B444-2	148	04Z2602	444-09222004-213-222	444-VIA2:BIAS SMPL,CEILING/HANGER TRACK,NW END,OVER PT 65	<0.1
223	B444-2	148	04Z2602	444-09222004-213-223	444-VIA2:BIAS SMPL,CEILING/HANGER TRACK,NE END	<0.1
224	B444-2	151	04Z2602	444-09222004-213-224	444-VIA2:BIAS SMPL,CEILING/HANGER TRACK,W END	<0.1
225	B444-2	151	04Z2602	444-09222004-213-225	444-VIA2:BIAS SMPL,PASSTHRU/HANGER TRACK,W END,OVER PT 25	<0.1
226	B444-2	151	04Z2602	444-09222004-213-226	444-VIA2:BIAS SMPL,PASSTHRU/HANGER TRACK,S END	<0.1
227	B444-2	148	04Z2602	444-09222004-213-227	444-VIA2:BIAS SMPL,PASSTHRU/HANGER TRACK,S END,OVER PT 41	<0.1
228	B444-2	129 ATTIC	04Z2602	444-09222004-213-228	444-VIA2:BIAS SMPL,FLOOR,NW END	<0.1
229	B444-2	129 ATTIC	04Z2602	444-09222004-213-229	444-VIA2:BIAS SMPL,FLOOR,E END	<0.1
230	B444-2	129 ATTIC	04Z2602	444-09222004-213-230	444-VIA2:BIAS SMPL,FLOOR,S END	<0.1
231	B444-2	129 ATTIC	04Z2602	444-09222004-213-231	444-VIA2:BIAS SMPL,CEILING/HANGER TRACK,W END	<0.1

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Table C-2
VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
232	B444-2	129 ATTIC	04Z2602	444-09222004-213-232	444-VIA2:BIAS SMPL,CEILING/HANGER TRACK,E END	<0.1
233	B444-2	150	04Z2602	444-09222004-213-233	444-VIA2:BIAS SMPL,CEILING/HANGER TRACK,W END	<0.1
234	B444-2	150	04Z2602	444-09222004-213-234	444-VIA2:BIAS SMPL,INSIDE DUCT,E END	<0.1
235	B444-2	150	04Z2602	444-09222004-213-235	444-VIA2:BIAS SMPL,PIPE PASSTHRU, SE WALL	<0.1
236	B444-2	150A	04Z2602	444-09222004-213-236	444-VIA2:BIAS SMPL,CEILING/HANGER TRACK, W END,OVER PT 46	<0.1
237	B444-2	150	04Z2602	444-09222004-213-237	444-VIA2:BIAS SMPL,CEILING/HANGER TRACK, W END	<0.1
246	B444-2	148B	04Z2602	444-09292004-213-246	444-VIA2:BIAS SMPL,FLOOR,SE AREA	<0.1
247	B444-2	143B	04Z2602	444-09292004-213-247	444-VIA2:BIAS SMPL,FLOOR,E AREA	0.143
247	B444-2	143B	05Z0251	444-10292004-213-247	B.444,VIA2:BIAS POSTDECON SAMPLE PT.247,FLOOR	<0.1
248	B444-2	143B	04Z2602	444-09292004-213-248	444-VIA2:BIAS SMPL,FLOOR,W AREA	<0.1
249	B444-2	143C	04Z2602	444-09292004-213-249	444-VIA2:BIAS SMPL,FLOOR,NE AREA	<0.1
250	B444-2	143D	04Z2602	444-09292004-213-250	444-VIA2:BIAS SMPL,FLOOR,AT HALLWAY INTERSECTION	<0.1
251	B444-2	143D	04Z2602	444-09292004-213-251	444-VIA2:BIAS SMPL,FLOOR,E AREA	<0.1
252	B444-2	143d	04Z2602	444-09292004-213-252	444-VIA2:BIAS SMPL,FLOOR,NE AREA	<0.1
253	B444-2	143	04Z2602	444-09292004-213-253	444-VIA2:BIAS SMPL,FLOOR,SUMP PIT @ W WALL	0.347
253	B444-2	143	05Z0251	444-10292004-213-253	B.444,VIA2:BIAS POSTDECON SAMPLE PT.253,SUMP PIT	<0.1
254	B444-2	143	04Z2602	444-09292004-213-254	444-VIA2:BIAS SMPL,FLOOR,N END	<0.1
255	B444-2	143	04Z2602	444-09292004-213-255	444-VIA2:BIAS SMPL,FLOOR,CENTER OF ROOM	<0.1
256	B444-2	143G	04Z2602	444-09292004-213-256	444-VIA2:BIAS SMPL,FLOOR,CENTER OF ROOM	<0.1
257	B444-2	143	04Z2602	444-09292004-213-257	444-VIA2:BIAS SMPL,FLOOR,SE AREA	<0.1
258	B444-2	139	04Z2602	444-09292004-213-258	444-VIA2:BIAS SMPL,FLOOR,SW AREA	<0.1
259	B444-2	139	04Z2602	444-09292004-213-259	444-VIA2:BIAS SMPL,FLOOR,HALL TO 143	<0.1
260	B444-2	138	04Z2602	444-09292004-213-260	444-VIA2:BIAS SMPL,FLOOR,NW AREA	<0.1
261	B444-2	138	04Z2602	444-09292004-213-261	444-VIA2:BIAS SMPL,FLOOR,SW AREA TO RM 101	<0.1
262	B444-2	142	04Z2602	444-09292004-213-262	444-VIA2:BIAS SMPL,FLOOR,NE PIPE CHASE AREA	<0.1
263	B444-2	142	04Z2602	444-09292004-213-263	444-VIA2:BIAS SMPL,FLOOR,CENTER OF ROOM	<0.1
264	B444-2	138	04Z2602	444-09292004-213-264	444-VIA2:BIAS SMPL,FLOOR,S END	<0.1
265	B444-2	138	04Z2602	444-09292004-213-265	444-VIA2:BIAS SMPL,FLOOR,N END	<0.1
266	B444-2	138	04Z2602	444-09292004-213-266	444-VIA2:BIAS SMPL,FLOOR,SE END	<0.1
267	B444-2	138E	04Z2602	444-09292004-213-267	444-VIA2:BIAS SMPL,FLOOR,CENTER OF ROOM	<0.1
268	B444-2	138	04Z2602	444-09292004-213-268	444-VIA2:BIAS SMPL,FLOOR,CENTER OF ROOM	<0.1
269	B444-2	129B	04Z2602	444-09292004-213-269	444-VIA2:BIAS SMPL,FLOOR,CENTER OF ROOM	<0.1
270	B444-2	138	04Z2602	444-09292004-213-270	444-VIA2:BIAS SMPL,FLOOR,N END	<0.1
271	B444-2	129	04Z2602	444-09292004-213-271	444-VIA2:BIAS SMPL,FLOOR,N END	0.182
271	B444-2	129	05Z0066	444-10112004-01-395	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR	<0.1
272	B444-2	129	04Z2602	444-09292004-213-272	444-VIA2:BIAS SMPL,FLOOR,W END	<0.1
273	B444-2	138	04Z2602	444-09292004-213-273	444-VIA2:BIAS SMPL,FLOOR,NW END	<0.1
274	B444-2	138	04Z2602	444-09292004-213-274	444-VIA2:BIAS SMPL,FLOOR,CENTER OF ROOM	<0.1
275	B444-2	138	04Z2602	444-09292004-213-275	444-VIA2:BIAS SMPL,FLOOR,CENTER OF ROOM	<0.1
276	B444-2	143	04Z2602	444-09292004-213-276	444-VIA2:BIAS SMPL,FLOOR,S END,CUBBY HOLE@139 HALL	<0.1
277	B444-2	143	04Z2602	444-09292004-213-277	444-VIA2:BIAS SMPL,FLOOR,NORTH END OF ROOM	0.164
277	B444-2	143	05Z0251	444-10292004-213-277	B.444,VIA2:BIAS POSTDECON SAMPLE PT.277,FLOOR	<0.1
278	B444-2	148B	04Z2602	444-09292004-213-278	444-VIA2:BIAS SMPL,BEAM, E END,OVER PT 56	0.261

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VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
278	B444-2	148B	05Z0251	444-10292004-213-278	B.444,VIA2:BIAS POSTDECON SAMPLE PT.278,OVERHEAD	<0.1
279	B444-2	148B	04Z2602	444-09292004-213-279	444-VIA2:BIAS SMPL,BEAM.& VENT, SW END,OVER,PT 30	0.284
279	B444-2	148B	05Z0251	444-10292004-213-279	B.444,VIA2:BIAS POSTDECON SAMPLE PT.279,OVERHEAD	<0.1
280	B444-2	143A	04Z2602	444-09292004-213-280	444-VIA2:BIAS SMPL,BEAM;CENTER OF ROOM,OVER PT 10	0.963
280	B444-2	143A	05Z0251	444-10292004-213-280	B.444,VIA2:BIAS POSTDECON SAMPLE PT.280,OVERHEAD	<0.1
281	B444-2	143B	04Z2602	444-09292004-213-281	444-VIA2:BIAS SMPL,BEAM,CENTER OF ROOM;OVER PT 16	0.316
281	B444-2	143B	05Z0251	444-10292004-213-281	B.444,VIA2:BIAS POSTDECON SAMPLE PT.281,OVERHEAD	<0.1
282	B444-2	143A	04Z2602	444-09292004-213-282	444-VIA2:BIAS SMPL,BEAM@143C/D HALL,OVER PT 35	<0.1
283	B444-2	143A	04Z2602	444-09292004-213-283	444-VIA2:BIAS SMPL,BEAM@143C/D HALL,OVER PT 35	<0.1
284	B444-2	143	04Z2602	444-09292004-213-284	444-VIA2:BIAS SMPL,HANGER TRACKS,W AREA,OVER PT 66	<0.1
285	B444-2	143	04Z2602	444-09292004-213-285	444-VIA2:BIAS SMPL,HANGER TRACKS,NW AREA,OVER PT 25	<0.1
286	B444-2	138	04Z2602	444-09292004-213-286	444-VIA2:BIAS SMPL,PIPE PASSTHRU OVER RM 142 DOOR,OVER PT 8	<0.1
287	B444-2	138	04Z2602	444-09292004-213-287	444-VIA2:BIAS SMPL,HANGER TRACKS,SE AREA,OVER PT 22	<0.1
288	B444-2	138	04Z2602	444-09292004-213-288	444-VIA2:BIAS SMPL,PASSTHRUS @ 138E,OVER PT 37	<0.1
289	B444-2	138	04Z2602	444-09292004-213-289	444-VIA2:BIAS SMPL,HANGER TRACKS, S END@RM101 DOOR,OVER PT 19	<0.1
290	B444-2	139	04Z2602	444-09292004-213-290	444-VIA2:BIAS SMPL,LEDGE, HALL, N SIDE,OVER PT 27	<0.1
291	B444-2	139	04Z2602	444-09292004-213-291	444-VIA2:BIAS SMPL,LEDGE, W WALL	<0.1
292	B444-2	139	04Z2602	444-09292004-213-292	444-VIA2:BIAS SMPL,LEDGE & CRANE RAIL,W END	0.108
292	B444-2	139	05Z0252	444-10292004-213-292	B444,VIA2:PDS POSTDECON SAMPLE PT292,CRANE	<0.1
293	B444-2	139	04Z2602	444-09292004-213-293	444-VIA2:BIAS SMPL,LEDGE & CRANE RAIL,E END,OVER PT 12	<0.1
294	B444-2	139	04Z2602	444-09292004-213-294	444-VIA2:BIAS SMPL,LEDGE,SE WALLS, CRANE	1.03
294	B444-2	139	05Z0252	444-10292004-213-294	B444,VIA2:PDS POSTDECON SAMPLE PT294,CRANE	<0.1
295	B444-2	139	04Z2602	444-09292004-213-295	444-VIA2:BIAS SMPL,LEDGE,N WALL	<0.1
311	B444-2	180 Crawlspace	05Z0064	444009302004-213-311	444-VIA2:BIAS SMPL,VENT/CHASE, W TUNNEL,S END	<0.1
312	B444-2	180 Crawlspace	05Z0064	444009302004-213-312	444-VIA2:BIAS SMPL,VENT/CHASE, W TUNNEL,MIDDLE	0.298
312	B444-2	180 Crawlspace	05Z0252	444-11032004-213-312	B444,VIA2:PDS POSTDECON SAMPLE PT 312,VENT	<0.1
313	B444-2	180 Crawlspace	05Z0064	444009302004-213-313	444-VIA2:BIAS SMPL,VENT/CHASE, W TUNNEL,N END	<0.1
314	B444-2	180 Crawlspace	05Z0064	444009302004-213-314	444-VIA2:BIAS SMPL,FLOOR, E TUNNEL,S END	<0.1
315	B444-2	180 Crawlspace	05Z0064	444009302004-213-315	444-VIA2:BIAS SMPL,VENT/CHASE,E TUNNEL,S END	<0.1
316	B444-2	180 Crawlspace	05Z0064	444009302004-213-316	444-VIA2:BIAS SMPL,VENT/CHASE,E TUNNEL,N END	<0.1
317	B444-2	180 Crawlspace	05Z0064	444009302004-213-317	444-VIA2:BIAS SMPL,VENT/CHASE,E TUNNEL,N END	<0.1
318	B444-2	180 Crawlspace	05Z0064	444009302004-213-318	444-VIA2:BIAS SMPL,VENT/CHASE,CENTER TUNNEL,S END	<0.1
319	B444-2	180 Crawlspace	05Z0064	444009302004-213-319	444-VIA2:BIAS SMPL,VENT/CHASE,CENTER TUNNEL,MIDDLE	0.136

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Table C-2
VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
319	B444-2	180 Crawlspace	05Z0252	444-11032004-213-319	B444,VIA2:PDS POSTDECON SAMPLE PT 319,VENT	<0.1
320	B444-2	180 Crawlspace	05Z0064	444009302004-213-320	444-VIA2:BIAS SMPL,VENT/CHASE,CENTER TUNNEL,N END	<0.1
321	B444-2	180 Crawlspace	05Z0064	444009302004-213-321	444-VIA2:BIAS SMPL,E/W TUNNEL,W END,ELEC CHASE	0.109
321	B444-2	180 Crawlspace	05Z0252	444-11032004-213-321	B444,VIA2:PDS POSTDECON SAMPLE PT 321,PIPEPASSTHRU	<0.1
322	B444-2	180 Crawlspace	05Z0064	444009302004-213-322	444-VIA2:BIAS SMPL,E/W TUNNEL,W END,PIPE	<0.1
323	B444-2	180 Crawlspace	05Z0064	444009302004-213-323	444-VIA2:BIAS SMPL,E/W TUNNEL,CENTER,FIRE LINE	0.143
323	B444-2	180 Crawlspace	05Z0252	444-11032004-213-323	B444,VIA2:PDS POSTDECON SAMPLE PT 323,FIREPIPE	<0.1
324	B444-2	180 Crawlspace	05Z0064	444009302004-213-324	444-VIA2:BIAS SMPL,E/W TUNNEL,E END,PIPES	0.173
324	B444-2	180 Crawlspace	05Z0252	444-11032004-213-324	B444,VIA2:PDS POSTDECON SAMPLE PT 324,PIPEPASSTHRU	<0.1
325	B444-2	180 Crawlspace	05Z0064	444009302004-213-325	444-VIA2:BIAS SMPL,E/W TUNNEL,FLOOR,CENTER	0.236
325	B444-2	180 Crawlspace	05Z0252	444-11032004-213-325	B444,VIA2:PDS POSTDECON SAMPLE PT 325,FLOOR	<0.1
326	B444-2	180 Crawlspace	05Z0064	444009302004-213-326	444-VIA2:BIAS SMPL,E/W TUNNEL,FLOOR,W END	0.389
326	B444-2	180 Crawlspace	05Z0252	444-11032004-213-326	B444,VIA2:PDS POSTDECON SAMPLE PT 326,FLOOR	<0.1
327	B444-2	180 Crawlspace	05Z0064	444009302004-213-327	444-VIA2:BIAS SMPL,E/W TUNNEL,FLOOR,E END	0.107
327	B444-2	180 Crawlspace	05Z0252	444-11032004-213-327	B444,VIA2:PDS POSTDECON SAMPLE PT 327,FLOOR	<0.1
328	B444-2	180 Crawlspace	05Z0064	444009302004-213-328	444-VIA2:BIAS SMPL,E/W TUNNEL,N END,LADDER	0.176
328	B444-2	180 Crawlspace	05Z0252	444-11032004-213-328	B444,VIA2:PDS POSTDECON SAMPLE PT 328,LADDER	<0.1
329	B444-2	180 Crawlspace	05Z0064	444009302004-213-329	444-VIA2:BIAS SMPL,E/W TUNNEL,FLOOR,N END	0.322
329	B444-2	180 Crawlspace	05Z0252	444-11032004-213-329	B444,VIA2:PDS POSTDECON SAMPLE PT 329,FLOOR	<0.1
331	B444-2	138E	05Z0064	444009302004-213-331	444-VIA2:BIAS SMPL,PIPE PASSTHRU, S WALL	<0.1
332	B444-2	129	05Z0064	444009302004-213-332	444-VIA2:BIAS SMPL,OVERHEAD DUCT,CEILING,E END	<0.1
333	B444-2	129	05Z0064	444009302004-213-333	444-VIA2:BIAS SMPL,OVERHEAD DUCT,CEILING,W END	<0.1
334	B444-2	129B	05Z0064	444009302004-213-334	444-VIA2:BIAS SMPL,NW AREA,WALL/OVERHEAD	<0.1
335	B444-2	143D	05Z0064	444009302004-213-335	444-VIA2:BIAS SMPL,HALL LEDGE OVERHEAD	<0.1
336	B444-2	143D	05Z0064	444009302004-213-336	444-VIA2:BIAS SMPL,BEAM, OVERHEAD	0.525
336	B444-2	143D	05Z0251	444-10292004-213-336	B.444,VIA2:BIAS POSTDECON SAMPLE PT.336,OVERHEAD	<0.1
337	B444-2	143D	05Z0064	444009302004-213-337	444-VIA2:BIAS SMPL,HALL LEDGE OVERHEAD	<0.1
338	B444-2	143C	05Z0064	444009302004-213-338	444-VIA2:BIAS SMPL,HALL LEDGE OVERHEAD	<0.1
339	B444-2	143C	05Z0064	444009302004-213-339	444-VIA2:BIAS SMPL,HALL LEDGE OVERHEAD	0.373
339	B444-2	143C	05Z0251	444-10292004-213-339	B.444,VIA2:BIAS POSTDECON SAMPLE PT.339,OVERHEAD	<0.1
340	B444-2	143C	05Z0064	444009302004-213-340	444-VIA2:BIAS SMPL,BEAM,OVERHEAD	<0.1
341	B444-2	143C	05Z0064	444009302004-213-341	444-VIA2:BIAS SMPL,BEAM,OVERHEAD	<0.1
342	B444-2	143D	05Z0064	444009302004-213-342	444-VIA2:BIAS SMPL,S LEDGE, OVERHEAD	<0.1
343	B444-2	143D	05Z0064	444009302004-213-343	444-VIA2:BIAS SMPL,BEAM,OVERHEAD	<0.1
344	B444-2	143D	05Z0064	444009302004-213-344	444-VIA2:BIAS SMPL,CRANE,OVERHEAD	<0.1
345	B444-2	182	05Z0064	444009302004-213-345	444-VIA2:BIAS SMPL,OVERHEAD BEAM, E END	<0.1

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Table C-2
VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
346	B444-2	182	05Z0064	444009302004-213-346	444-VIA2:BIAS SMPL,OVERHEAD BEAM, W END	<0.1
347	B444-2	260	05Z0064	444009302004-213-347	444-VIA2:BIAS SMPL,FIRELINE,,SW END	0.119
347	B444-2	260	05Z0251	444-10292004-213-347	B.444.VIA2:BIAS POSTDECON SAMPLE PT.347,OVERHEAD	<0.1
348	B444-2	260	05Z0064	444009302004-213-348	444-VIA2:BIAS SMPL,DUCT/PASSTHRU, SW END	<0.1
349	B444-2	260	05Z0064	444009302004-213-349	444-VIA2:BIAS SMPL,WALL/LEDGE, NE END	0.189
349	B444-2	260	05Z0251	444-10292004-213-349	B.444.VIA2:BIAS POSTDECON SAMPLE PT.349,OVERHEAD	<0.1
350	B444-2	260	05Z0064	444009302004-213-350	444-VIA2:BIAS SMPL,WALL/LEDGE, E END	<0.1
351	B444-2	260	05Z0064	444009302004-213-351	444-VIA2:BIAS SMPL,DUCT/PASSTHRU, S END	<0.1
352	B444-2	148	05Z0064	444009302004-213-352	444-VIA2:BIAS SMPL,FLOOR @ DOOR 31 EXIT	<0.1
353	B444-2	148	05Z0064	444009302004-213-353	444-VIA2:BIAS SMPL,WALL/FRAME OF DOORWAY @ DR 31	<0.1
371	B444-2	148	05Z0066	444-10112004-01-371	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 3 FEET NORTH OF SAMPLE 41	<0.1
372	B444-2	148	05Z0066	444-10112004-01-372	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 3 FEET SOUTH OF SAMPLE 41	<0.1
373	B444-2	148	05Z0066	444-10112004-01-373	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 5 FEET EAST OF SAMPLE 41	<0.1
374	B444-2	148	05Z0066	444-10112004-01-374	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 5 FEET WEST OF SAMPLE 41	<0.1
376	B444-2	148	05Z0066	444-10112004-01-376	VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 4 FEET NORTH OF SAMPLE 192	<0.1
377	B444-2	148	05Z0066	444-10112004-01-377	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 5 FEET SOUTH OF SAMPLE 192	<0.1
378	B444-2	148	05Z0066	444-10112004-01-378	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 5 FEET SOUTH EAST OF SAMPLE 192	<0.1
379	B444-2	148	05Z0066	444-10112004-01-379	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 4 FEET WEST OF SAMPLE 192	<0.1
381	B444-2	148	05Z0066	444-10112004-01-381	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 8 FEET NORTH OF SAMPLE 194	<0.1
382	B444-2	148	05Z0066	444-10112004-01-382	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 5 FEET SOUTH OF SAMPLE 194	<0.1
383	B444-2	148	05Z0066	444-10112004-01-383	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 7 FEET NORTH EAST OF SAMPLE 194	<0.1
384	B444-2	148	05Z0066	444-10112004-01-384	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 7 FEET SOUTH WEST OF SAMPLE 194	<0.1
386	B444-2	148	05Z0066	444-10112004-01-386	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 4 FEET NORTH OF SAMPLE 197	<0.1
387	B444-2	148	05Z0066	444-10112004-01-387	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 2 FEET SOUTH EAST OF SAMPLE 197	<0.1
388	B444-2	148	05Z0066	444-10112004-01-388	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 3 FEET NORTH EAST OF SAMPLE 197	<0.1
389	B444-2	148	05Z0066	444-10112004-01-389	B444 BIAS SAMPLE - POST FIXATIVE - FLOOR, 6 FEET WEST OF SAMPLE 197	<0.1
391	B444-2	151	05Z0066	444-10112004-01-391	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 8 FEET NORTH OF SAMPLE 203	<0.1

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VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
392	B444-2	151	05Z0066	444-10112004-01-392	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 3 FEET SOUTH OF SAMPLE 203	<0.1
393	B444-2	151	05Z0066	444-10112004-01-393	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 6 FEET EAST OF SAMPLE 203	<0.1
394	B444-2	151	05Z0066	444-10112004-01-394	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 5 FEET WEST OF SAMPLE 203	<0.1
396	B444-2	129	05Z0066	444-10112004-01-396	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 2 FEET NORTH OF SAMPLE 271	<0.1
397	B444-2	129	05Z0066	444-10112004-01-397	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 8 FEET SOUTH OF SAMPLE 271	<0.1
398	B444-2	129	05Z0066	444-10112004-01-398	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 6 FEET SOUTH EAST OF SAMPLE 271	<0.1
399	B444-2	129	05Z0066	444-10112004-01-399	B444 VIA2 - BIAS SAMPLE - POST FIXATIVE - FLOOR, 5 FEET WEST OF SAMPLE 271	<0.1
403	B444-2	143D	05Z0251	444-10292004-213-403	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT336	<0.1
404	B444-2	143D	05Z0251	444-10292004-213-404	B.444,VIA2:BIAS POSTDECON SAMPLE N/W OF PT336	<0.1
405	B444-2	143D	05Z0251	444-10292004-213-405	B.444,VIA2:BIAS POSTDECON SAMPLE S/W OF PT336	<0.1
406	B444-2	143D	05Z0251	444-10292004-213-406	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT336	<0.1
407	B444-2	143C	05Z0251	444-10292004-213-407	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT339	<0.1
408	B444-2	143C	05Z0251	444-10292004-213-408	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT339	<0.1
409	B444-2	143C	05Z0251	444-10292004-213-409	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT339	<0.1
410	B444-2	143C	05Z0251	444-10292004-213-410	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT339	<0.1
411	B444-2	143B	05Z0251	444-10292004-213-411	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT281	<0.1
412	B444-2	143B	05Z0251	444-10292004-213-412	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT281	0.573
412	B444-2	143B	05Z0253	444-11052004-213-412	B444,VIA2:POSTENCAP SAMPLE PT 412	<0.1
413	B444-2	143B	05Z0251	444-10292004-213-413	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT281	<0.1
414	B444-2	143B	05Z0251	444-10292004-213-414	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT281	<0.1
415	B444-2	143A	05Z0251	444-10292004-213-415	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT280	0.186
415	B444-2	143A	05Z0253	444-11052004-213-415	B444,VIA2:POSTENCAP SAMPLE PT 415	<0.1
416	B444-2	143A	05Z0251	444-10292004-213-416	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT280	<0.1
417	B444-2	143A	05Z0251	444-10292004-213-417	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT280	<0.1
418	B444-2	143A	05Z0251	444-10292004-213-418	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT280	<0.1
419	B444-2	139	05Z0252	444-10292004-213-419	B444,VIA2:PDS POSTDECON W OF SAMPLE PT292,CRANE	<0.1
420	B444-2	139	05Z0252	444-10292004-213-420	B444,VIA2:PDS POSTDECON E OF SAMPLE PT292,CRANE	<0.1
421	B444-2	139	05Z0252	444-10292004-213-421	B444,VIA2:PDS POSTDECON E OF SAMPLE PT292,CRANE	<0.1
422	B444-2	139	05Z0252	444-10292004-213-422	B444,VIA2:PDS POSTDECON E OF SAMPLE PT292,CRANE	<0.1
423	B444-2	139	05Z0252	444-10292004-213-423	B444,VIA2:PDS POSTDECON E OF SAMPLE PT294,CRANE	<0.1
424	B444-2	139	05Z0252	444-10292004-213-424	B444,VIA2:PDS POSTDECON W OF SAMPLE PT294,CRANE	<0.1

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VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
425	B444-2	139	05Z0252	444-10292004-213-425	B444,VIA2:PDS POSTDECON W OF SAMPLE PT294,CRANE	<0.1
426	B444-2	139	05Z0252	444-10292004-213-426	B444,VIA2:PDS POSTDECON W OF SAMPLE PT294,CRANE	<0.1
427	B444-2	148B	05Z0251	444-10292004-213-427	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT278	<0.1
428	B444-2	148B	05Z0251	444-10292004-213-428	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT278	0.103
428	B444-2	148B	05Z0253	444-11052004-213-428	B444,VIA2:POSTENCAP SAMPLE PT 428	<0.1
429	B444-2	148B	05Z0251	444-10292004-213-429	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT278	<0.1
430	B444-2	148B	05Z0251	444-10292004-213-430	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT278	0.1
430	B444-2	148B	05Z0253	444-11052004-213-430	B444,VIA2:POSTENCAP SAMPLE PT 430	<0.1
431	B444-2	148B	05Z0251	444-10292004-213-431	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT279	<0.1
432	B444-2	148B	05Z0251	444-10292004-213-432	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT279	<0.1
433	B444-2	148B	05Z0251	444-10292004-213-433	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT279	<0.1
434	B444-2	148B	05Z0251	444-10292004-213-434	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT279	<0.1
435	B444-2	143B	05Z0251	444-10292004-213-435	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT247	<0.1
436	B444-2	143B	05Z0251	444-10292004-213-436	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT247	<0.1
437	B444-2	143B	05Z0251	444-10292004-213-437	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT247	<0.1
438	B444-2	143B	05Z0251	444-10292004-213-438	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT247	<0.1
439	B444-2	143	05Z0251	444-10292004-213-439	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT21	<0.1
440	B444-2	143	05Z0251	444-10292004-213-440	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT21	<0.1
441	B444-2	143	05Z0251	444-10292004-213-441	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT21	<0.1
442	B444-2	143	05Z0251	444-10292004-213-442	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT21	<0.1
443	B444-2	143	05Z0251	444-10292004-213-443	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT277	<0.1
444	B444-2	143	05Z0251	444-10292004-213-444	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT277	<0.1
445	B444-2	143	05Z0251	444-10292004-213-445	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT277	<0.1
446	B444-2	143	05Z0251	444-10292004-213-446	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT277	<0.1
447	B444-2	143	05Z0251	444-10292004-213-447	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT253	<0.1
448	B444-2	143	05Z0251	444-10292004-213-448	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT253	<0.1
449	B444-2	182	05Z0251	444-10292004-213-449	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT50	<0.1
450	B444-2	182	05Z0251	444-10292004-213-450	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT122	<0.1
451	B444-2	182	05Z0251	444-10292004-213-451	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT123	<0.1
452	B444-2	182	05Z0251	444-10292004-213-452	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT124	<0.1
453	B444-2	182	05Z0251	444-10292004-213-453	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT124	<0.1
454	B444-2	182	05Z0251	444-10292004-213-454	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT124	<0.1
455	B444-2	182	05Z0251	444-10292004-213-455	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT124	<0.1
456	B444-2	260	05Z0251	444-10292004-213-456	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT15	0.354
456	B444-2	260	05Z0253	444-11052004-213-456	B444,VIA2:POSTENCAP SAMPLE PT 456	<0.1

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VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
457	B444-2	260	05Z0251	444-10292004-213-457	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT15	<0.1
458	B444-2	260	05Z0251	444-10292004-213-458	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT15	<0.1
459	B444-2	260	05Z0251	444-10292004-213-459	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT15	<0.1
460	B444-2	260	05Z0251	444-10292004-213-460	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT347	<0.1
461	B444-2	260	05Z0251	444-10292004-213-461	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT347	<0.1
462	B444-2	260	05Z0251	444-10292004-213-462	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT347	<0.1
463	B444-2	260	05Z0251	444-10292004-213-463	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT349	<0.1
464	B444-2	260	05Z0251	444-10292004-213-464	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT349	<0.1
465	B444-2	260	05Z0251	444-10292004-213-465	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT349	<0.1
466	B444-2	180	05Z0251	444-10292004-213-466	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT137	<0.1
467	B444-2	180	05Z0251	444-10292004-213-467	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT137	<0.1
468	B444-2	180	05Z0251	444-10292004-213-468	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT137	<0.1
469	B444-2	180	05Z0251	444-10292004-213-469	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT137	<0.1
470	B444-2	180	05Z0251	444-10292004-213-470	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT142	<0.1
471	B444-2	180	05Z0251	444-10292004-213-471	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT142	<0.1
472	B444-2	180	05Z0251	444-10292004-213-472	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT142	<0.1
473	B444-2	180	05Z0251	444-10292004-213-473	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT142	<0.1
474	B444-2	180	05Z0251	444-10292004-213-474	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT52	<0.1
475	B444-2	180	05Z0251	444-10292004-213-475	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT52	<0.1
476	B444-2	180	05Z0251	444-10292004-213-476	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT52	<0.1
477	B444-2	180	05Z0251	444-10292004-213-477	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT52	<0.1
478	B444-2	180	05Z0251	444-10292004-213-478	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT97	<0.1
479	B444-2	180	05Z0251	444-10292004-213-479	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT97	<0.1
480	B444-2	180	05Z0251	444-10292004-213-480	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT98	<0.1
481	B444-2	180	05Z0251	444-10292004-213-481	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT98	<0.1
482	B444-2	180	05Z0251	444-10292004-213-482	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT97	<0.1
483	B444-2	180	05Z0251	444-10292004-213-483	B.444,VIA2:BIAS POSTDECON SAMPLE W OF PT97	<0.1
484	B444-2	180	05Z0251	444-10292004-213-484	B.444,VIA2:BIAS POSTDECON SAMPLE NW OF PT98	<0.1
485	B444-2	180	05Z0251	444-10292004-213-485	B.444,VIA2:BIAS POSTDECON SAMPLE NW OF PT98	<0.1
486	B444-2	180	05Z0251	444-10292004-213-486	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT98	<0.1
487	B444-2	180	05Z0251	444-10292004-213-487	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT101	<0.1
488	B444-2	180	05Z0251	444-10292004-213-488	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT101	<0.1
489	B444-2	180	05Z0251	444-10292004-213-489	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT101	<0.1

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VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
490	B444-2	180	05Z0251	444-10292004-213-490	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT101	<0.1
491	B444-2	180	05Z0251	444-10292004-213-491	B.444,VIA2:BIAS POSTDECON SAMPLE SW OF PT114	<0.1
492	B444-2	180	05Z0251	444-10292004-213-492	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT114	<0.1
493	B444-2	180	05Z0251	444-10292004-213-493	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT114	<0.1
494	B444-2	180	05Z0251	444-10292004-213-494	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT114	<0.1
495	B444-2	180	05Z0251	444-10292004-213-495	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT114	<0.1
496	B444-2	180	05Z0251	444-10292004-213-496	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT116	<0.1
497	B444-2	180	05Z0251	444-10292004-213-497	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT116	<0.1
498	B444-2	180	05Z0251	444-10292004-213-498	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT116	<0.1
499	B444-2	181	05Z0251	444-10292004-213-499	B.444,VIA2:BIAS POSTDECON SAMPLE TOP OF PT91	<0.1
500	B444-2	181	05Z0251	444-10292004-213-500	B.444,VIA2:BIAS POSTDECON SAMPLE TOP OF PT91	<0.1
501	B444-2	181	05Z0251	444-10292004-213-501	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT76	<0.1
502	B444-2	181	05Z0251	444-10292004-213-502	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT76	<0.1
503	B444-2	181	05Z0251	444-10292004-213-503	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT76	<0.1
504	B444-2	181	05Z0251	444-10292004-213-504	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT78	<0.1
505	B444-2	181	05Z0251	444-10292004-213-505	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT78	<0.1
506	B444-2	181	05Z0251	444-10292004-213-506	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT79	<0.1
507	B444-2	181	05Z0251	444-10292004-213-507	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT79	<0.1
508	B444-2	181	05Z0251	444-10292004-213-508	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT79	<0.1
509	B444-2	181	05Z0251	444-10292004-213-509	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT84	<0.1
510	B444-2	181	05Z0251	444-10292004-213-510	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT84	<0.1
511	B444-2	181	05Z0251	444-10292004-213-511	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT84	<0.1
512	B444-2	181	05Z0251	444-10292004-213-512	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT84	<0.1
513	B444-2	181	05Z0251	444-10292004-213-513	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT84	<0.1
514	B444-2	181	05Z0251	444-10292004-213-514	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT89	<0.1
515	B444-2	181	05Z0251	444-10292004-213-515	B.444,VIA2:BIAS POSTDECON SAMPLE E OF PT89	<0.1
516	B444-2	180	05Z0252	444-10292004-213-516	B444,VIA2:PDS POSTDECON N OF SAMPLE PT120,FLOOR	<0.1
517	B444-2	180	05Z0252	444-10292004-213-517	B444,VIA2:PDS POSTDECON S OF SAMPLE PT120,FLOOR	<0.1
518	B444-2	180	05Z0252	444-10292004-213-518	B444,VIA2:PDS POSTDECON E OF SAMPLE PT120,FLOOR	<0.1
519	B444-2	180	05Z0252	444-10292004-213-519	B444,VIA2:PDS POSTDECON W OF SAMPLE PT120,FLOOR	<0.1
520	B444-2	180	05Z0251	444-10292004-213-520	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT99	<0.1
521	B444-2	180	05Z0251	444-10292004-213-521	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT99	<0.1
522	B444-2	180	05Z0251	444-10292004-213-522	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT99	<0.1

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Table C-2
VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
523	B444-2	180	05Z0251	444-10292004-213-523	B.444,VIA2:BIAS POSTDECON SAMPLE N OF PT99	<0.1
524	B444-2	180	05Z0251	444-10292004-213-524	B.444,VIA2:BIAS POSTDECON SAMPLE S OF PT99	<0.1
538	B444-2	180 Crawlspace	05Z0252	444-11032004-213-538	B444,VIA2:PDS POSTDECON N OF SAMPLE PT 312,VENT	<0.1
539	B444-2	180 Crawlspace	05Z0252	444-11032004-213-539	B444,VIA2:PDS POSTDECON N OF SAMPLE PT 312,VENT	<0.1
540	B444-2	180 Crawlspace	05Z0252	444-11032004-213-540	B444,VIA2:PDS POSTDECON S OF SAMPLE PT 312,VENT	<0.1
541	B444-2	180 Crawlspace	05Z0252	444-11032004-213-541	B444,VIA2:PDS POSTDECON N OF SAMPLE PT 312,VENT	<0.1
542	B444-2	180 Crawlspace	05Z0252	444-11032004-213-542	B444,VIA2:PDS POSTDECON S OF SAMPLE PT 309,FLOOR	<0.1
543	B444-2	180 Crawlspace	05Z0252	444-11032004-213-543	B444,VIA2:PDS POSTDECON N OF SAMPLE PT 309,FLOOR	<0.1
544	B444-2	180 Crawlspace	05Z0252	444-11032004-213-544	B444,VIA2:PDS POSTDECON W OF SAMPLE PT 321,CEILING	<0.1
545	B444-2	180 Crawlspace	05Z0252	444-11032004-213-545	B444,VIA2:PDS POSTDECON E OF SAMPLE PT 321,WALL	<0.1
546	B444-2	180 Crawlspace	05Z0252	444-11032004-213-546	B444,VIA2:PDS POSTDECON S OF SAMPLE PT 321,CEILING	<0.1
547	B444-2	180 Crawlspace	05Z0252	444-11032004-213-547	B444,VIA2:PDS POSTDECON E OF SAMPLE PT 309,FLOOR	<0.1
548	B444-2	180 Crawlspace	05Z0252	444-11032004-213-548	B444,VIA2:PDS POSTDECON W OF SAMPLE PT 326,FLOOR	<0.1
549	B444-2	180 Crawlspace	05Z0252	444-11032004-213-549	B444,VIA2:PDS POSTDECON W OF SAMPLE PT 326,FLOOR	<0.1
550	B444-2	180 Crawlspace	05Z0252	444-11032004-213-550	B444,VIA2:PDS POSTDECON E OF SAMPLE PT 326,FLOOR	<0.1
551	B444-2	180 Crawlspace	05Z0252	444-11032004-213-551	B444,VIA2:PDS POSTDECON W OF SAMPLE PT 325,FLOOR	<0.1
552	B444-2	180 Crawlspace	05Z0252	444-11032004-213-552	B444,VIA2:PDS POSTDECON W OF SAMPLE PT 325,FLOOR	<0.1
553	B444-2	180 Crawlspace	05Z0252	444-11032004-213-553	B444,VIA2:PDS POSTDECON W OF SAMPLE PT 325,FLOOR	<0.1
554	B444-2	180 Crawlspace	05Z0252	444-11032004-213-554	B444,VIA2:PDS POSTDECON E OF SAMPLE PT 325,FLOOR	<0.1
555	B444-2	180 Crawlspace	05Z0252	444-11032004-213-555	B444,VIA2:PDS POSTDECON W OF SAMPLE PT 327,FLOOR	<0.1
556	B444-2	180 Crawlspace	05Z0252	444-11032004-213-556	B444,VIA2:PDS POSTDECON W OF SAMPLE PT 327,FLOOR	<0.1
557	B444-2	180 Crawlspace	05Z0252	444-11032004-213-557	B444,VIA2:PDS POSTDECON E OF SAMPLE PT 327,FLOOR	<0.1
558	B444-2	180 Crawlspace	05Z0252	444-11032004-213-558	B444,VIA2:PDS POSTDECON N OF SAMPLE PT 329,FLOOR	<0.1
559	B444-2	180 Crawlspace	05Z0252	444-11032004-213-559	B444,VIA2:PDS POSTDECON N OF SAMPLE PT 329,FLOOR	<0.1
560	B444-2	180 Crawlspace	05Z0252	444-11032004-213-560	B444,VIA2:PDS POSTDECON S OF SAMPLE PT 329,FLOOR	<0.1
561	B444-2	180 Crawlspace	05Z0252	444-11032004-213-561	B444,VIA2:PDS POSTDECON N OF SAMPLE PT 329,FLOOR	<0.1
562	B444-2	180 Crawlspace	05Z0252	444-11032004-213-562	B444,VIA2:PDS POSTDECON N OF SAMPLE PT 324,WALL	<0.1
563	B444-2	180 Crawlspace	05Z0252	444-11032004-213-563	B444,VIA2:PDS POSTDECON S OF SAMPLE PT 324,WALL	<0.1
564	B444-2	180 Crawlspace	05Z0252	444-11032004-213-564	B444,VIA2:PDS POSTDECON S OF SAMPLE PT 324,WALL	<0.1
565	B444-2	180 Crawlspace	05Z0252	444-11032004-213-565	B444,VIA2:PDS POSTDECON E OF SAMPLE PT 323,S WALL	<0.1
566	B444-2	180 Crawlspace	05Z0252	444-11032004-213-566	B444,VIA2:PDS POSTDECON W OF SAMPLE PT323,FIREPIPE	<0.1
567	B444-2	180 Crawlspace	05Z0252	444-11032004-213-567	B444,VIA2:PDS POSTDECON S OF SAMPLE PT323,FIREPIPE	<0.1
568	B444-2	180 Crawlspace	05Z0252	444-11032004-213-568	B444,VIA2:PDS POSTDECON N OF SAMPLE PT 310,FLOOR	<0.1

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VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
569	B444-2	180 Crawlspace	05Z0252	444-11032004-213-569	B444,VIA2:PDS POSTDECON S OF SAMPLE PT 310,FLOOR	<0.1
570	B444-2	180 Crawlspace	05Z0252	444-11032004-213-570	B444,VIA2:PDS POSTDECON W OF SAMPLE PT 310,FLOOR	<0.1
571	B444-2	180 Crawlspace	05Z0252	444-11032004-213-571	B444,VIA2:PDS POSTDECON S OF SAMPLE PT 310,FLOOR	<0.1
572	B444-2	180 Crawlspace	05Z0252	444-11032004-213-572	B444,VIA2:PDS POSTDECON N OF SAMPLE PT 319,CEILING	<0.1
573	B444-2	180 Crawlspace	05Z0252	444-11032004-213-573	B444,VIA2:PDS POSTDECON S OF SAMPLE PT 319,CEILING	<0.1
574	B444-2	180 Crawlspace	05Z0252	444-11032004-213-574	B444,VIA2:PDS POSTDECON S OF SAMPLE PT 319,CEILING	<0.1
575	B444-2	180 Crawlspace	05Z0252	444-11032004-213-575	B444,VIA2:PDS POSTDECON S OF SAMPLE PT 319,CEILING	<0.1
576	B444-2	180 Crawlspace	05Z0252	444-11032004-213-576	B444,VIA2:PDS POSTDECON N OF SAMPLE PT 319,CEILING	<0.1
577	B444-2	180 Crawlspace	05Z0252	444-11032004-213-577	B444,VIA2:PDS POSTDECON S OF SAMPLE PT 310,COLUMN	<0.1
578	B444-2	180 Crawlspace	05Z0252	444-11032004-213-578	B444,VIA2:PDS POSTDECON N OF SAMPLE PT 310,COLUMN	<0.1
579	B444-2	180 Crawlspace	05Z0252	444-11032004-213-579	B444,VIA2:PDS POSTDECON SAMPLE,WALL@N HALL	<0.1
580	B444-2	180 Crawlspace	05Z0252	444-11032004-213-580	B444,VIA2:PDS POSTDECON SAMPLE,WALL@N HALL	<0.1
581	B444-2	180 Crawlspace	05Z0252	444-11032004-213-581	B444,VIA2:PDS POSTDECON E OFSAMPLE PT321,PASSTHRU	<0.1
590	B444-2	143B	05Z0253	444-11052004-213-590	B444,VIA2:POSTENCAP SAMPLE PT 412,N.WALL TOP	<0.1
591	B444-2	143B	05Z0253	444-11052004-213-591	B444,VIA2:POSTENCAP SAMPLE PT 412,S.BEAM	<0.1
592	B444-2	143B	05Z0253	444-11052004-213-592	B444,VIA2:POSTENCAP SAMPLE PT 412,E.WALL	<0.1
593	B444-2	143B	05Z0253	444-11052004-213-593	B444,VIA2:POSTENCAP SAMPLE PT 412,W.BEAM	<0.1
594	B444-2	143A	05Z0253	444-11052004-213-594	B444,VIA2:POSTENCAP SAMPLE PT 415,N.WALL TOP	<0.1
595	B444-2	143A	05Z0253	444-11052004-213-595	B444,VIA2:POSTENCAP SAMPLE PT 415,S.BEAM	<0.1
596	B444-2	143A	05Z0253	444-11052004-213-596	B444,VIA2:POSTENCAP SAMPLE PT 415,E,BEAM	<0.1
597	B444-2	143A	05Z0253	444-11052004-213-597	B444,VIA2:POSTENCAP SAMPLE PT 415,W,BEAM	<0.1
598	B444-2	148B	05Z0253	444-11052004-213-598	B444,VIA2:POSTENCAP SAMPLE PT 428,W,BEAM	<0.1
599	B444-2	148B	05Z0253	444-11052004-213-599	B444,VIA2:POSTENCAP SAMPLE PT 428,W,BEAM	<0.1
600	B444-2	148B	05Z0253	444-11052004-213-600	B444,VIA2:POSTENCAP SAMPLE PT 428,W,BEAM	<0.1
601	B444-2	148B	05Z0253	444-11052004-213-601	B444,VIA2:POSTENCAP SAMPLE PT 428,N,BEAM	<0.1
602	B444-2	148B	05Z0253	444-11052004-213-602	B444,VIA2:POSTENCAP SAMPLE PT 430,N,BEAM	<0.1
603	B444-2	148B	05Z0253	444-11052004-213-603	B444,VIA2:POSTENCAP SAMPLE PT 430,E,WALL TOP	<0.1
604	B444-2	148B	05Z0253	444-11052004-213-604	B444,VIA2:POSTENCAP SAMPLE PT 430,E,BEAM	<0.1
605	B444-2	148B	05Z0253	444-11052004-213-605	B444,VIA2:POSTENCAP SAMPLE PT 430,W,BEAM	<0.1
606	B444-2	260	05Z0253	444-11052004-213-606	B444,VIA2:POSTENCAP SAMPLE PT 456,NE,GRATING	<0.1
607	B444-2	260	05Z0253	444-11052004-213-607	B444,VIA2:POSTENCAP SAMPLE PT 456,NW,GRATING	<0.1
608	B444-2	260	05Z0253	444-11052004-213-608	B444,VIA2:POSTENCAP SAMPLE PT 456,SE,GRATING	<0.1
609	B444-2	260	05Z0253	444-11052004-213-609	B444,VIA2:POSTENCAP SAMPLE PT 456,SW,GRATING	<0.1

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Table C-2
VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
613	B444-2	180B	05D0303	444-12132004-213-613	B444 VIA2 - PDS BIAS SAMPLE:FLOOR@MAIN E DOORS	<0.1
614	B444-2	180B	05D0303	444-12132004-213-614	B444 VIA2 - PDS BIAS SAMPLE:FLOOR@SE CORNER	<0.1
615	B444-2	180B	05D0303	444-12132004-213-615	B444 VIA2 - PDS BIAS SAMPLE:FLOOR@SW CORNER	<0.1
616	B444-2	180B	05D0303	444-12132004-213-616	B444 VIA2 - PDS BIAS SAMPLE:FLOOR@W WALL	<0.1
617	B444-2	180B	05D0303	444-12132004-213-617	B444 VIA2 - PDS BIAS SAMPLE:FLOOR@NW CORNER	<0.1
618	B444-2	180B	05D0303	444-12132004-213-618	B444 VIA2 - PDS BIAS SAMPLE:FLOOR@N DOORWAY TO 180	<0.1
619	B444-2	180B	05D0303	444-12132004-213-619	B444 VIA2 - PDS BIAS SAMPLE:FLOOR@E DOORWAY TO 179	<0.1
620	B444-2	180B	05D0303	444-12132004-213-620	B444 VIA2 - PDS BIAS SAMPLE:FLOOR@CENTER OF ROOM	<0.1
621	B444-2	180B	05D0303	444-12132004-213-621	B444 VIA2 - PDS BIAS SAMPLE:S CONDUIT, LOWER LEVEL	<0.1
622	B444-2	180B	05D0303	444-12132004-213-622	B444 VIA2 - PDS BIAS SAMPLE:W CONDUIT, LOWER LEVEL	<0.1
623	B444-2	180B	05D0303	444-12132004-213-623	B444 VIA2 - PDS BIAS SAMPLE:NW CORNER CONDUIT,LOWER LEVEL	<0.1
624	B444-2	180B	05D0303	444-12132004-213-624	B444 VIA2 - PDS BIAS SAMPLE:S CONDUIT,UPPER LEVEL	<0.1
625	B444-2	180B	05D0303	444-12132004-213-625	B444 VIA2 - PDS BIAS SAMPLE:W CONDUIT,UPPER LEVEL	<0.1
626	B444-2	180B	05D0303	444-12132004-213-626	B444 VIA2 - PDS BIAS SAMPLE:NW CORNER CONDUIT,UPPER LEVEL	<0.1
627	B444-2	180B	05D0303	444-12132004-213-627	B444 VIA2 - PDS BIAS SAMPLE:OVERHEAD VENT @CENTER OF ROOM	<0.1
628	B444-2	180B	05D0303	444-12132004-213-628	B444 VIA2 - PDS BIAS SAMPLE:OVERHEAD LIGHT FIXTURE, E	<0.1
629	B444-2	180B	05D0303	444-12132004-213-629	B444 VIA2 - PDS BIAS SAMPLE:OVERHEAD LIGHT FIXTURE, W	<0.1
630	B444-2	180B	05D0303	444-12132004-213-630	B444 VIA2 - PDS BIAS SAMPLE:CEILING,E UNDER INSULATION	0.175
630	B444-2	180B	05Z0664	444-12282004-213-630	B444 VIA 2 - POST ENCAP SAMPLE: PT 630, CEILING	<0.1
631	B444-2	180B	05D0303	444-12132004-213-631	B444 VIA2 - PDS BIAS SAMPLE:CEILING, W SIDE	<0.1
632	B444-2	180B	05D0303	444-12132004-213-632	B444 VIA2 - PDS BIAS SAMPLE:S TOP BEAM	<0.1
633	B444-2	180B	05D0303	444-12132004-213-633	B444 VIA2 - PDS BIAS SAMPLE:E FIRELINE	<0.1
634	B444-2	180B	05D0303	444-12132004-213-634	B444 VIA2 - PDS BIAS SAMPLE:CONDUIT/BEAM IN NW CORNER,TOP	<0.1
635	B444-2	180B	05D0303	444-12132004-213-635	B444 VIA2 - PDS BIAS SAMPLE:NW,METALWALL UNDER INSULATION	0.204
635	B444-2	180B	05Z0664	444-12282004-213-635	B444 VIA 2 - POST ENCAP SAMPLE:PT 635, NW CORNER WALL	<0.1
636	B444-2	180B	05D0303	444-12132004-213-636	B444 VIA2 - PDS BIAS SAMPLE:NW CORNER ON INSULATION	<0.1
637	B444-2	180B	05D0303	444-12132004-213-637	B444 VIA2 - PDS BIAS SAMPLE:NW CORNER CONDUIT/LIGHT,MID	<0.1
638	B444-2	180B	05D0303	444-12132004-213-638	B444 VIA2 - PDS BIAS SAMPLE:S WALL VENT, LOWER	<0.1
641	B444-2	179	05D0303	444-12132004-213-641	B444 VIA2 - PDS BIAS SAMPLE:SE AREA OF ROOM,CEILING	<0.1
642	B444-2	179	05D0303	444-12132004-213-642	B444 VIA2 - PDS BIAS SAMPLE:NW AREA OF ROOM/CEILING	<0.1
643	B444-2	179	05D0303	444-12132004-213-643	B444 VIA2 - PDS BIAS SAMPLE:CEILING IN W HALL,MID AREA	<0.1
644	B444-2	179	05D0303	444-12132004-213-644	B444 VIA2 - PDS BIAS SAMPLE:SE AREA OF ROOM, FLOOR	<0.1

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Table C-2
VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
645	B444-2	179	05D0303	444-12132004-213-645	B444 VIA2 - PDS BIAS SAMPLE:NW AREA OF ROOM, FLOOR	<0.1
646	B444-2	179	05D0303	444-12132004-213-646	B444 VIA2 - PDS BIAS SAMPLE:W HALLWAY, E END FLOOR	<0.1
647	B444-2	179	05D0303	444-12132004-213-647	B444 VIA2 - PDS BIAS SAMPLE:W HALLWAY, W END FLOOR	<0.1
649	B444-2	180B	05Z0664	444-12282004-213-649	B444 VIA 2 - POST ENCAP SAMPLE: NW OF PT 630, CEILING	<0.1
650	B444-2	180B	05Z0664	444-12282004-213-650	B444 VIA 2 - POST ENCAP SAMPLE: SW OF PT 630, CEILING	<0.1
651	B444-2	180B	05Z0664	444-12282004-213-651	B444 VIA 2 - POST ENCAP SAMPLE: NE OF PT 630, CEILING	<0.1
652	B444-2	180B	05Z0664	444-12282004-213-652	B444 VIA 2 - POST ENCAP SAMPLE: SE OF PT 630, CEILING	<0.1
653	B444-2	180B	05Z0664	444-12282004-213-653	B444 VIA 2 - POST ENCAP SAMPLE:W(CENTER)OF PT 630,CEILING	<0.1
654	B444-2	180B	05Z0664	444-12282004-213-654	B444 VIA 2 - POST ENCAP SAMPLE: 8 FT ABOVE PT 635	<0.1
655	B444-2	180B	05Z0664	444-12282004-213-655	B444 VIA 2 - POST ENCAP SAMPLE: 5 FT ABOVE PT 635	<0.1
656	B444-2	180B	05Z0664	444-12282004-213-656	B444 VIA 2 - POST ENCAP SAMPLE: 3 FT BELOW PT 635	<0.1
657	B444-2	180B	05Z0664	444-12282004-213-657	B444 VIA 2 - POST ENCAP SAMPLE: S OF PT 635/W WALL	<0.1
658	B444-2	180B	05Z0664	444-12282004-213-658	B444 VIA 2 - POST ENCAP SAMPLE: S OF PT 635/W WALL	<0.1
659	B444-2	180B	05Z0664	444-12282004-213-659	B444 VIA 2 - POST ENCAP SAMPLE: S OF PT 635/S WALL	<0.1
660	B444-2	180B	05Z0664	444-12282004-213-660	B444 VIA 2 - POST ENCAP SAMPLE: S OF PT 635/S WALL	<0.1
661	B444-2	180B	05Z0664	444-12282004-213-661	B444 VIA 2 - POST ENCAP SAMPLE: SE OF PT 635/E WALL	<0.1
662	B444-2	180B	05Z0664	444-12282004-213-662	B444 VIA 2 - POST ENCAP SAMPLE: SE OF PT 635/E WALL	<0.1
663	B444-2	180B	05Z0664	444-12282004-213-663	B444 VIA 2 - POST ENCAP SAMPLE: NE OF PT 635/N WALL	<0.1
664	B444-2	179	05Z0664	444-12282004-213-664	B444 VIA 2 - PDS POSTENCAP SAMPLE:OVERHEAD,W HALL	<0.1
665	B444-2	179	05Z0664	444-12282004-213-665	B444 VIA 2 - PDS POSTENCAP SAMPLE:OVERHEAD,W HALL	<0.1
666	B444-2	179	05Z0664	444-12282004-213-666	B444 VIA 2 - PDS POSTENCAP SAMPLE:OVERHEAD,E HALL	<0.1
667	B444-2	179	05Z0664	444-12282004-213-667	B444 VIA 2 - PDS POSTENCAP SAMPLE:OVERHEAD,E HALL	<0.1
668	B444-2	179	05Z0664	444-12282004-213-668	B444 VIA 2 - PDS POSTENCAP SAMPLE:OVERHEAD,NW BEAM/CEILING	<0.1
669	B444-2	179	05Z0664	444-12282004-213-669	B444 VIA 2 - PDS POSTENCAP SAMPLE:OVERHEAD,NW BEAM/CEILING	<0.1
670	B444-2	179	05Z0664	444-12282004-213-670	B444 VIA 2 - PDS POSTENCAP SAMPLE:OVERHEAD,SW BEAM/CEILING	<0.1
671	B444-2	179	05Z0664	444-12282004-213-671	B444 VIA 2 - PDS POSTENCAP SAMPLE:OVERHEAD,SW BEAM/CEILING	<0.1
672	B444-2	179	05Z0664	444-12282004-213-672	B444 VIA 2 - PDS POSTENCAP SAMPLE:OVERHEAD,SE BEAM/CEILING	<0.1
673	B444-2	179	05Z0664	444-12282004-213-673	B444 VIA 2 - PDS POSTENCAP SAMPLE:OVERHEAD,SE BEAM/CEILING	<0.1
674	B444-2	179	05Z0664	444-12282004-213-674	B444 VIA 2 - PDS POSTENCAP SAMPLE:OVERHEAD,NE BEAM/CEILING	<0.1
675	B444-2	179	05Z0664	444-12282004-213-675	B444 VIA 2 - PDS POSTENCAP SAMPLE:OVERHEAD,NE BEAM/CEILING	<0.1
676	B444-2	179	05Z0664	444-12282004-213-676	B444 VIA 2 - PDS POSTENCAP SAMPLE:EAST WALL	<0.1
677	B444-2	179	05Z0664	444-12282004-213-677	B444 VIA 2 - PDS POSTENCAP SAMPLE:WALL/CROSSBEAM,S/E WALL	<0.1
678	B444-2	179	05Z0664	444-12282004-213-678	B444 VIA 2 - PDS POSTENCAP SAMPLE:WALL/CROSSBEAM,S/W WALL	<0.1

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Table C-2
VIA 2 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
679	B444-2	179	05Z0664	444-12282004-213-679	B444 VIA 2 - PDS POSTENCAP SAMPLE:WALL/CROSSBEAM,E HALL	<0.1
680	B444-2	179	05Z0664	444-12282004-213-680	B444 VIA 2 - PDS POSTENCAP SAMPLE:WALL/CROSSBEAM,MID HALL	<0.1
681	B444-2	179	05Z0664	444-12282004-213-681	B444 VIA 2 - PDS POSTENCAP SAMPLE:WALL/CROSSBEAM,W HALL	<0.1
682	B444-2	179	05Z0664	444-12282004-213-682	B444 VIA 2 - PDS POSTENCAP SAMPLE: WEST WALL	<0.1
683	B444-2	179	05Z0664	444-12282004-213-683	B444 VIA 2 - PDS POSTENCAP SAMPLE:CENTER OF ROOM,FLOOR	<0.1
684	B444-2	179	05Z0664	444-12282004-213-684	B444 VIA 2 - PDS POSTENCAP SAMPLE:FLOOR, NE	<0.1
685	B444-2	179	05Z0664	444-12282004-213-685	B444 VIA 2 - PDS POSTENCAP SAMPLE:FLOOR, SE	<0.1
686	B444-2	179	05Z0664	444-12282004-213-686	B444 VIA 2 - PDS POSTENCAP SAMPLE:FLOOR, NW	<0.1
687	B444-2	179	05Z0664	444-12282004-213-687	B444 VIA 2 - PDS POSTENCAP SAMPLE:FLOOR, SW	<0.1
689	B444-2	179	05Z0664	444-12282004-213-689	B444 VIA 2 - PDS POSTENCAP SAMPLE:FLOOR, W END OF HALL	<0.1

Footnotes:

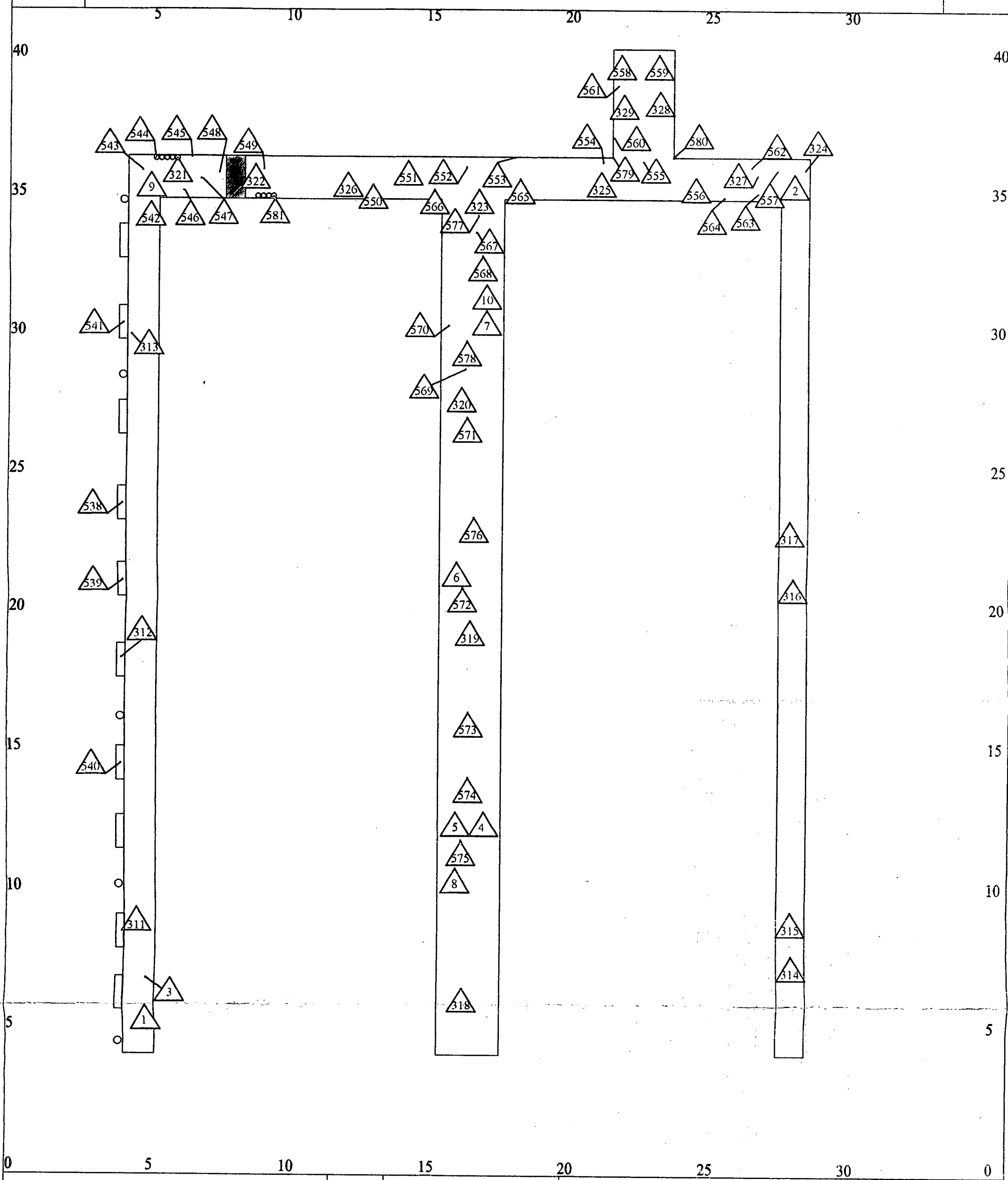
(1) Shaded rows are beryllium results prior to the application of fixative. The unshaded rows are the final "as left" condition sample results. Fixative was applied over all elevated locations as well as extending to the boundaries of clean sample locations surrounding the elevated locations. No further investigation sampling is required.
All initial sample locations above 0.1 ug/100cm2 had fixative applied and were then re-sampled.
Also, additonal biased post-fixative samples were collected in the same general area of the initial elevated sample locations.
(2) Gaps in the sample numbering sequence are acceptable. Some sample numbers were never used. Some sample numbers were elevated, then decontaminated, and then resampled using the same initial sample number or another sample number.
(3) Some sample numbers were used twice, but each have unique locations (i.e., different room numbers).
(4) Concerning sample locations 630 and 635, all insulation was removed from the room, fixative applied, and follow up swipes collected. All post-fixative follow up swipes were <0.1 ug/100cm2.

PDS BERYLLIUM SAMPLE MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: N/A Classification: N/A

Survey Area/Unit Description: Building 444 VIA #2 Under floor trenches

Floor Area: 1,938 sq.ft (180 sq.m) Total Area: N/A Grid Spacing for Survey Area: N/A



SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location

N

0 FEET 3/32

0 METERS 3.5

1 inch = 3/32 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC. A Jacobs Engineering Group Company

Prepared for: KAISER HILL

File Name:B444_VIA-2_TRENCH-Be.DWG | Sheet 1 of 1 | Rev: 3

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ATTACHMENT C-3

VIA 3 PDS BERYLLIUM DATA SUMMARIES AND SAMPLE MAPS

Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
1	B444-3	245C	05Z0450	444-12012004-213-001	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
2	B444-3	204	05Z0068	444-10132004-213-002	444-VIA3:PDS SAMPLE PT 2,FLOOR	<0.1
3	B444-3	245	05Z0450	444-12012004-213-003	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
4	B444-3	245	05Z0450	444-12012004-213-004	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
5	B444-3	204	05Z0068	444-10132004-213-005	444-VIA3:PDS SAMPLE PT 5,FLOOR	<0.1
6	B444-3	205	05Z0450	444-12012004-213-006	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
7	B444-3	245	05Z0450	444-12012004-213-007	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
8	B444-3	245A	05Z0450	444-12012004-213-008	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
9	B444-3	204	05Z0068	444-10132004-213-009	444-VIA3:PDS SAMPLE PT 9,FLOOR	<0.1
10	B444-3	212B	05Z0450	444-12012004-213-010	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
11	B444-3	202	05Z0450	444-12012004-213-011	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
12	B444-3	201	05Z0450	444-12012004-213-012	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
13	B444-3	201	05Z0450	444-12012004-213-013	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
14	B444-3	205	05Z0450	444-12012004-213-014	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
15	B444-3	204	05Z0068	444-10132004-213-015	444-VIA3:PDS SAMPLE PT 15,FLOOR	<0.1
16	B444-3	205	05Z0450	444-12012004-213-016	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
17	B444-3	206	05Z0450	444-12012004-213-017	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
18	B444-3	203	05Z0450	444-12012004-213-018	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
19	B444-3	201	05Z0450	444-12012004-213-019	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
20	B444-3	204	05Z0068	444-10132004-213-020	444-VIA3:PDS SAMPLE PT 20,FLOOR	<0.1
21	B444-3	201	05Z0450	444-12012004-213-021	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
22	B444-3	201	05Z0450	444-12012004-213-022	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
23	B444-3	204	05Z0068	444-10132004-213-023	444-VIA3:PDS SAMPLE PT 23,FLOOR	<0.1
24	B444-3	204	05Z0068	444-10132004-213-024	444-VIA3:PDS SAMPLE PT 24,FLOOR	<0.1
25	B444-3	201	05Z0450	444-12012004-213-025	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
26	B444-3	201	05Z0450	444-12012004-213-026	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
27	B444-3	205	05Z0450	444-12012004-213-027	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
28	B444-3	204	05Z0068	444-10132004-213-028	444-VIA3:PDS SAMPLE PT 28,FLOOR	<0.1
29	B444-3	212A	05Z0450	444-12012004-213-029	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
30	B444-3	204	05Z0068	444-10132004-213-030	444-VIA3:PDS SAMPLE PT 30,FLOOR	<0.1
31	B444-3	205	05Z0450	444-12012004-213-031	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
32	B444-3	205	05Z0450	444-12012004-213-032	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
33	B444-3	208	05Z0450	444-12012004-213-033	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
34	B444-3	204	05Z0068	444-10132004-213-034	444-VIA3:PDS SAMPLE PT 34,FLOOR	<0.1
35	B444-3	245A	05Z0450	444-12012004-213-035	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
36	B444-3	208	05Z0450	444-12012004-213-036	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
37	B444-3	209	05Z0450	444-12012004-213-037	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
38	B444-3	204	05Z0068	444-10132004-213-038	444-VIA3:PDS SAMPLE PT 38,FLOOR	<0.1
39	B444-3	204	05Z0068	444-10132004-213-039	444-VIA3:PDS SAMPLE PT 39,FLOOR	<0.1
40	B444-3	204	05Z0068	444-10132004-213-040	444-VIA3:PDS SAMPLE PT 40,FLOOR	<0.1
41	B444-3	212A	05Z0450	444-12012004-213-041	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
42	B444-3	245B	05Z0450	444-12012004-213-042	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
43	B444-3	205	05Z0450	444-12012004-213-043	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
44	B444-3	202	05Z0450	444-12012004-213-044	B444 VIA3:PDS SAMPLE:FLOOR	0.161
44	B444-3	202	05D0304	444-12152004-213-044	B444 VIA3 - PDS PT 44, POSTENCAP; FLOOR	<0.1
45	B444-3	205	05Z0450	444-12012004-213-045	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
46	B444-3	204	05Z0068	444-10132004-213-046	444-VIA3:PDS SAMPLE PT 46,FLOOR	<0.1
47	B444-3	203	05Z0450	444-12012004-213-047	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
48	B444-3	204	05Z0068	444-10132004-213-048	444-VIA3:PDS SAMPLE PT 48,FLOOR	<0.1
49	B444-3	245B	05Z0450	444-12012004-213-049	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
50	B444-3	204	05Z0068	444-10132004-213-050	444-VIA3:PDS SAMPLE PT 50,FLOOR	<0.1
51	B444-3	205	05Z0450	444-12012004-213-051	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
52	B444-3	245	05Z0450	444-12012004-213-052	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
53	B444-3	205A	05Z0450	444-12012004-213-053	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
54	B444-3	204	05Z0068	444-10132004-213-054	444-VIA3:PDS SAMPLE PT 54,FLOOR	<0.1
55	B444-3	201	05Z0450	444-12012004-213-055	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
56	B444-3	204	05Z0068	444-10132004-213-056	444-VIA3:PDS SAMPLE PT 56,FLOOR	<0.1
57	B444-3	204	05Z0068	444-10132004-213-057	444-VIA3:PDS SAMPLE PT 57,FLOOR	0.107
57	B444-3	204	05D0300	444-12132004-213-057	B444 VIA3 - PDS POSTENCAP SAMPLE:POINT 57; VIA3	<0.1
58	B444-3	205	05Z0450	444-12012004-213-058	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
59	B444-3	204	05Z0068	444-10132004-213-059	444-VIA3:PDS SAMPLE PT 59,FLOOR	<0.1
60	B444-3	202	05Z0450	444-12012004-213-060	B444 VIA3:PDS SAMPLE:FLOOR	0.211
60	B444-3	202	05D0304	444-12152004-213-060	B444 VIA3 - PDS PT 60, POSTENCAP; FLOOR	<0.1
61	B444-3	201	05Z0450	444-12012004-213-061	B444 VIA3:PDS SAMPLE:FLOOR	<0.1

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
62	B444-3	245A	05Z0450	444-12012004-213-062	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
63	B444-3	205A	05Z0450	444-12012004-213-063	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
64	B444-3	245	05Z0450	444-12012004-213-064	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
65	B444-3	202	05Z0450	444-12012004-213-065	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
66	B444-3	245C	05Z0450	444-12012004-213-066	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
67	B444-3	204	05Z0068	444-10132004-213-067	444-VIA3:PDS SAMPLE PT 67,FLOOR	<0.1
68	B444-3	201	05Z0450	444-12012004-213-068	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
69	B444-3	201	05Z0450	444-12012004-213-069	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
70	B444-3	245	05Z0450	444-12012004-213-070	B444 VIA3:PDS SAMPLE:FLOOR	<0.1
71	B444-3	204	05Z0068	444-10132004-213-071	444-VIA3:PDS SAMPLE PT 71,FLOOR	<0.1
72	B444-3	204	05Z0250	444-10132004-213-072	B447 VIA3,BIAS SAMPLES-FLOOR:NW END	<0.1
73	B444-3	204	05Z0250	444-10132004-213-073	B447 VIA3,BIAS SAMPLES-FLOOR:N END	<0.1
74	B444-3	204	05Z0250	444-10132004-213-074	B447 VIA3,BIAS SAMPLES-FLOOR:NE END	0.12
74	B444-3	204	05D0300	444-12132004-213-074	B444 VIA3 - PDS POSTENCAP SAMPLE:POINT 74; VIA3	<0.1
75	B444-3	204	05Z0250	444-10132004-213-075	B447 VIA3,BIAS SAMPLES-FLOOR:NE END @ DOOR TO 201	<0.1
76	B444-3	204	05Z0250	444-10132004-213-076	B447 VIA3,BIAS SAMPLES-FLOOR:N/NE END @ WALL	0.348
76	B444-3	204	05D0300	444-12132004-213-076	B444 VIA3 - PDS POSTENCAP SAMPLE:POINT 76; VIA3	<0.1
77	B444-3	204	05Z0250	444-10132004-213-077	B447 VIA3,BIAS SAMPLES-FLOOR:E SIDE BELOW PASSTHRU	0.153
77	B444-3	204	05D0300	444-12132004-213-077	B444 VIA3 - PDS POSTENCAP SAMPLE:POINT 77; VIA3	<0.1
78	B444-3	204	05Z0250	444-10132004-213-078	B447 VIA3,BIAS SAMPLES-FLOOR:E SIDE @ DOOR TO 201	<0.1
79	B444-3	204	05Z0250	444-10132004-213-079	B447 VIA3,BIAS SAMPLES-FLOOR:E SIDE AT FLOOR HOLE	0.171
79	B444-3	204A	05D0300	444-12132004-213-079	B444 VIA3 - PDS POSTENCAP SAMPLE:POINT 79; VIA3	<0.1
80	B444-3	204	05Z0250	444-10132004-213-080	B447 VIA3,BIAS SAMPLES-FLOOR:SE CORNER	<0.1
81	B444-3	204	05Z0250	444-10132004-213-081	B447 VIA3,BIAS SAMPLES-FLOOR:SW CORNER BY PASSTHRU	<0.1
82	B444-3	204	05Z0250	444-10132004-213-082	B447 VIA3,BIAS SAMPLES-FLOOR:W WALL AT COLUMN J9	<0.1
89	B444-3	204	05Z0250	444-10132004-213-089	B447 VIA3,BIAS SAMPLES-OVERHEAD: SE CEILING/HANGER	<0.1
90	B444-3	204	05Z0250	444-10132004-213-090	B447 VIA3,BIAS SAMPLES-OVERHEAD: SE CEILING/HANGER	<0.1
91	B444-3	204A	05Z0250	444-10132004-213-091	B447 VIA3,BIAS SAMPLES-OVERHEAD: SE BEAM	<0.1
92	B444-3	204	05Z0250	444-10132004-213-092	B447 VIA3,BIAS SAMPLES-OVERHEAD: SW TRANSITE WALL	<0.1
93	B444-3	204	05Z0250	444-10132004-213-093	B447 VIA3,BIAS SAMPLES-OVERHEAD: SW FIRE LINE	0.171
93	B444-3	204	05D0300	444-12132004-213-093	B444 VIA3 - PDS POSTENCAP SAMPLE:POINT 93-FIREPIPE; VIA3	<0.1
94	B444-3	204	05Z0250	444-10132004-213-094	B447 VIA3,BIAS SAMPLES-OVERHEAD: SW TRANSITE WALL	<0.1
95	B444-3	204	05Z0250	444-10132004-213-095	B447 VIA3,BIAS SAMPLES-OVERHEAD: MIDDLE FIRELINE	0.212
95	B444-3	204	05D0300	444-12132004-213-095	B444 VIA3 - PDS POSTENCAP SAMPLE:POINT 95-FIREPIPE; VIA3	<0.1
96	B444-3	204	05Z0250	444-10132004-213-096	B447 VIA3,BIAS SAMPLES-OVERHEAD: MIDDLE BEAM	<0.1
97	B444-3	204	05Z0250	444-10132004-213-097	B447 VIA3,BIAS SAMPLES-OVERHEAD: MIDDLE PIPES	<0.1
98	B444-3	204	05Z0250	444-10132004-213-098	B447 VIA3,BIAS SAMPLES-OVERHEAD: MID CEILING/TRACK	<0.1
99	B444-3	204	05Z0250	444-10132004-213-099	B447 VIA3,BIAS SAMPLES-OVERHEAD: MID WALL/SUPPLY AREA	<0.1
100	B444-3	204	05Z0250	444-10132004-213-100	B447 VIA3,BIAS SAMPLES-OVERHEAD: MID PIPES	<0.1
101	B444-3	204	05Z0250	444-10132004-213-101	B447 VIA3,BIAS SAMPLES-OVERHEAD: MID WALL TRANSITE	<0.1

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
102	B444-3	204	05Z0250	444-10132004-213-102	B447 VIA3,BIAS SAMPLES-OVERHEAD: N BEAMS	<0.1
103	B444-3	204	05Z0250	444-10132004-213-103	B447 VIA3,BIAS SAMPLES-OVERHEAD: NW CEILING/TRACK	<0.1
104	B444-3	204	05Z0250	444-10132004-213-104	B447 VIA3,BIAS SAMPLES-OVERHEAD: NE CELING/TRACK	0.335
104	B444-3	204	05D0300	444-12132004-213-104	B444 VIA3 - PDS POSTENCAP SAMPLE:POINT 104-CEILING TRACK; VIA3	<0.1
105	B444-3	204	05Z0250	444-10132004-213-105	B447 VIA3,BIAS SAMPLES-OVERHEAD: N FIRELINE/PIPE	0.366
105	B444-3	204	05D0300	444-12132004-213-105	B444 VIA3 - PDS POSTENCAP SAMPLE:POINT 105-FIREPIPE; VIA3	<0.1
106	B444-3	204	05Z0250	444-10132004-213-106	B447 VIA3,BIAS SAMPLES-OVERHEAD: NE VENT PASSTHRU	<0.1
107	B444-3	204	05Z0250	444-10132004-213-107	B447 VIA3,BIAS SAMPLES-OVERHEAD: E PIPE	<0.1
108	B444-3	204	05Z0250	444-10132004-213-108	B447 VIA3,BIAS SAMPLES-OVERHEAD: SE VENT PASSTHRU	0.24
108	B444-3	204	05D0300	444-12132004-213-108	B444 VIA3 - PDS POSTENCAP SAMPLE:PT 108-DUCT PASSTHRU-G11; VIA3	<0.1
109	B444-3	204	05Z0250	444-10132004-213-109	B447 VIA3,BIAS SAMPLES-OVERHEAD:E CEILING PASSTHRU	0.102
109	B444-3	204	05D0300	444-12132004-213-109	B444 VIA3 - PDS POSTENCAP SAMPLE:PT 109-DUCT PASSTHRU-H12; VIA3	<0.1
110	B444-3	204	05Z0250	444-10132004-213-110	B447 VIA3,BIAS SAMPLES-OVERHEAD:SW VENT PASSTHRU	1.08
110	B444-3	204	05D0300	444-12132004-213-110	B444 VIA3 - PDS POSTENCAP SAMPLE:PT 110-DUCT PASSTHRU-J15; VIA3	<0.1
111	B444-3	204	05Z0250	444-10132004-213-111	B447 VIA3,BIAS SAMPLES-OVERHEAD:S WALL/TRANSITE	<0.1
112	B444-3	203	05Z0450	444-12012004-213-112	B444 VIA3:BIAS PDS SAMPLE:FLOOR,NW	<0.1
113	B444-3	203	05Z0450	444-12012004-213-113	B444 VIA3:BIAS PDS SAMPLE:FLOOR,SW	<0.1
114	B444-3	203	05Z0450	444-12012004-213-114	B444 VIA3:BIAS PDS SAMPLE:FLOOR,SE	<0.1
115	B444-3	203	05Z0450	444-12012004-213-115	B444 VIA3:BIAS PDS SAMPLE:FLOOR,N	<0.1
116	B444-3	203	05Z0450	444-12012004-213-116	B444 VIA3:BIAS PDS SAMPLE:FLOOR,NE	<0.1
117	B444-3	203	05Z0450	444-12012004-213-117	B444 VIA3:BIAS PDS SAMPLE:FLOOR,W	<0.1
118	B444-3	203	05Z0450	444-12012004-213-118	B444 VIA3:BIAS PDS SAMPLE:FLOOR,CENTER	<0.1
119	B444-3	203	05Z0450	444-12012004-213-119	B444 VIA3:BIAS PDS SAMPLE:FLOOR,E	<0.1
120	B444-3	203	05Z0450	444-12012004-213-120	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,W DUCT PASSTHRU	<0.1
121	B444-3	203	05Z0450	444-12012004-213-121	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,ROOF DRAIN	0.21
121	B444-3	203	05D0304	444-12152004-213-121	B444 VIA3 - PDS BIAS PT 121,POSTENCAP:ROOF DRAIN	<0.1
122	B444-3	203	05Z0450	444-12012004-213-122	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,CEILING/TRACK,W & PASSTHRU	<0.1
123	B444-3	203	05Z0450	444-12012004-213-123	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,CEILING/TRACK,E & PASSTHRU	<0.1
124	B444-3	203	05Z0450	444-12012004-213-124	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,E DUCT PASSTHRU	0.106
124	B444-3	203	05D0304	444-12152004-213-124	B444 VIA3 - PDS BIAS PT 124,POSTENCAP:E DUCT PASSTHRU	<0.1
125	B444-3	203	05Z0450	444-12012004-213-125	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,WALL FRAME,NW	<0.1
126	B444-3	203	05Z0450	444-12012004-213-126	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,TRANSITE,NW	<0.1
127	B444-3	203	05Z0450	444-12012004-213-127	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,WALL FRAME,NE	<0.1
128	B444-3	203	05Z0450	444-12012004-213-128	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,TRANSITE,NE	<0.1
129	B444-3	203	05Z0450	444-12012004-213-129	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,N WALL/COLUMN	<0.1
130	B444-3	203	05Z0450	444-12012004-213-130	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,SW WALL/COLUMN	0.142

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
130	B444-3	203	05D0304	444-12152004-213-130	B444 VIA3 - PDS BIAS PT 130,POSTENCAP:SW WALL CORNER@G6	<0.1
131	B444-3	203	05Z0450	444-12012004-213-131	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD;E WALL	0.24
131	B444-3	203	05D0304	444-12152004-213-131	B444 VIA3 - PDS BIAS PT 130,POSTENCAP:E WALL OVER DOOR	<0.1
132	B444-3	202	05Z0450	444-12012004-213-132	B444 VIA3:BIAS PDS SAMPLE:FLOOR, SW	0.162
132	B444-3	202	05D0304	444-12152004-213-132	B444 VIA3 - PDS BIAS PT 132,POSTENCAP:FLOOR,SW	<0.1
133	B444-3	202	05Z0450	444-12012004-213-133	B444 VIA3:BIAS PDS SAMPLE:FLOOR,SE	<0.1
134	B444-3	202	05Z0450	444-12012004-213-134	B444 VIA3:BIAS PDS SAMPLE:FLOOR,NE	0.254
134	B444-3	202	05D0304	444-12152004-213-134	B444 VIA3 - PDS BIAS PT 134,POSTENCAP:FLOOR,NE CORNER	<0.1
135	B444-3	202	05Z0450	444-12012004-213-135	B444 VIA3:BIAS PDS SAMPLE:FLOOR,CENTER	<0.1
136	B444-3	202	05Z0450	444-12012004-213-136	B444 VIA3:BIAS PDS SAMPLE:FLOOR,SW	4.47
136	B444-3	202	05D0304	444-12152004-213-136	B444 VIA3 - PDS BIAS PT 136,POSTENCAP:FLOOR@ ELEVATOR	<0.1
137	B444-3	202	05Z0450	444-12012004-213-137	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,S DUCT PASSTHRU	2.86
137	B444-3	202	05D0304	444-12152004-213-137	B444 VIA3 - PDS BIAS PT 137,POSTENCAP:SW DUCT PASSTHRU	<0.1
138	B444-3	202	05Z0450	444-12012004-213-138	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,E DUCT PASSTHRU	3.84
138	B444-3	202	05D0304	444-12152004-213-138	B444 VIA3 - PDS BIAS PT 138,POSTENCAP:NE DUCT PASSTHRU	<0.1
139	B444-3	202	05Z0450	444-12012004-213-139	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD;E WALL	1.71
139	B444-3	202	05D0304	444-12152004-213-139	B444 VIA3 - PDS BIAS PT 139,POSTENCAP:WALL ABOVE E DOOR	<0.1
140	B444-3	202	05Z0450	444-12012004-213-140	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD;SW WALL	3.01
140	B444-3	202	05D0304	444-12152004-213-140	B444 VIA3 - PDS BIAS PT 140,POSTENCAP:S WALL,W SIDE	<0.1
141	B444-3	202	05Z0450	444-12012004-213-141	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD;SE WALL	3.21
141	B444-3	202	05D0304	444-12152004-213-141	B444 VIA3 - PDS BIAS PT 141,POSTENCAP:S WALL,E SIDE	<0.1
142	B444-3	202	05Z0450	444-12012004-213-142	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD;E CEILING/TRACK	2.71
142	B444-3	202	05D0304	444-12152004-213-142	B444 VIA3 - PDS BIAS PT 142,POSTENCAP:CEILING/TRACK,E/MID	<0.1
143	B444-3	202	05Z0450	444-12012004-213-143	B444 VIA3:BIAS PDS, SAMPLE:OVERHEAD,W CEILING/TRACK	5.79
143	B444-3	202	05D0304	444-12152004-213-143	B444 VIA3 - PDS BIAS PT 143,POSTENCAP:CEILING/TRACK,W/MID	<0.1
144	B444-3	202	05Z0450	444-12012004-213-144	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,CENTER BEAM	1.41
144	B444-3	202	05D0304	444-12152004-213-144	B444 VIA3 - PDS BIAS PT 144,POSTENCAP:CEILING/TRACK,MID	<0.1
145	B444-3	205A	05Z0450	444-12012004-213-145	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,NW CORNER/BEAM	0.106
145	B444-3	205A	05D0304	444-12152004-213-145	B444 VIA3 - PDS BIAS PT 145,POSTENCAP:TOP N WALL/BEAM	<0.1
146	B444-3	212B	05Z0450	444-12012004-213-146	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,NE CORNER/BEAM	<0.1
147	B444-3	212B	05Z0450	444-12012004-213-147	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,NE BEAM	<0.1
148	B444-3	212B	05Z0450	444-12012004-213-148	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,NW BEAM	<0.1
149	B444-3	205A	05Z0450	444-12012004-213-149	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,CENTER/W BEAM	<0.1
150	B444-3	205A	05Z0450	444-12012004-213-150	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,SW BEAM	<0.1
151	B444-3	205A	05Z0450	444-12012004-213-151	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,S/END BEAM	<0.1

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
152	B444-3	205A	05Z0450	444-12012004-213-152	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,SE BEAM	<0.1
153	B444-3	205A	05Z0450	444-12012004-213-153	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,CENTER/E BEAM	0.155
153	B444-3	205A	05D0304	444-12152004-213-153	B444 VIA3 - PDS BIAS PT 153,POSTENCAP:CENTER BEAM, S NEAR	<0.1
154	B444-3	205A	05Z0450	444-12012004-213-154	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,CENTER BEAM	0.348
154	B444-3	205A	05D0304	444-12152004-213-154	B444 VIA3 - PDS BIAS PT 153,POSTENCAP:CENTER BEAM	<0.1
155	B444-3	205A	05Z0450	444-12012004-213-155	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,DUCT PASSTHRU	<0.1
156	B444-3	205A	05Z0450	444-12012004-213-156	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,DUCT PASSTHRU	<0.1
157	B444-3	212B	05Z0450	444-12012004-213-157	B444 VIA3:BIAS PDS SAMPLE:FLOOR,NE	<0.1
158	B444-3	212B	05Z0450	444-12012004-213-158	B444 VIA3:BIAS PDS SAMPLE:FLOOR,NW	<0.1
159	B444-3	205A	05Z0450	444-12012004-213-159	B444 VIA3:BIAS PDS SAMPLE:FLOOR,CENTER/W	<0.1
160	B444-3	205A	05Z0450	444-12012004-213-160	B444 VIA3:BIAS PDS SAMPLE:FLOOR,CENTER/E	<0.1
161	B444-3	205A	05Z0450	444-12012004-213-161	B444 VIA3:BIAS PDS SAMPLE:FLOOR,CENTER/E	<0.1
162	B444-3	205A	05Z0450	444-12012004-213-162	B444 VIA3:BIAS PDS SAMPLE:FLOOR,CENTER/W	<0.1
163	B444-3	205A	05Z0450	444-12012004-213-163	B444 VIA3:BIAS PDS SAMPLE:FLOOR DUCT,SW	<0.1
164	B444-3	205A	05Z0450	444-12012004-213-164	B444 VIA3:BIAS PDS SAMPLE:FLOOR DUCT,SW	<0.1
165	B444-3	205A	05Z0450	444-12012004-213-165	B444 VIA3:BIAS PDS SAMPLE:FLOOR,S END	<0.1
166	B444-3	205A	05Z0450	444-12012004-213-166	B444 VIA3:BIAS PDS SAMPLE:S/W TRANSITE FRAME	<0.1
167	B444-3	205B	05Z0450	444-12012004-213-167	B444 VIA3:BIAS PDS SAMPLE:S/W TRANSITE FRAME	<0.1
168	B444-3	205A	05Z0450	444-12012004-213-168	B444 VIA3:BIAS PDS SAMPLE:N/W TRANSITE FRAME	<0.1
169	B444-3	212B	05Z0450	444-12012004-213-169	B444 VIA3:BIAS PDS SAMPLE:N/W TRANSITE FRAME	<0.1
170	B444-3	212B	05Z0450	444-12012004-213-170	B444 VIA3:BIAS PDS SAMPLE:N METAL WALL	<0.1
171	B444-3	205A	05Z0450	444-12012004-213-171	B444 VIA3:BIAS PDS SAMPLE:E METAL WALL	<0.1
172	B444-3	205A	05Z0450	444-12012004-213-172	B444 VIA3:BIAS PDS SAMPLE:S METAL WALL	<0.1
173	B444-3	205	05Z0450	444-12012004-213-173	B444 VIA3:BIAS PDS SAMPLE:FLOOR@ ELEVATOR	<0.1
174	B444-3	205	05Z0450	444-12012004-213-174	B444 VIA3:BIAS PDS SAMPLE:DUCTS THROUGH FLOOR,SE	<0.1
175	B444-3	205	05Z0450	444-12012004-213-175	B444 VIA3:BIAS PDS SAMPLE:FLOOR@RM202	<0.1
176	B444-3	205	05Z0450	444-12012004-213-176	B444 VIA3:BIAS PDS SAMPLE:FLOOR@RM203	<0.1
177	B444-3	205	05Z0450	444-12012004-213-177	B444 VIA3:BIAS PDS SAMPLE:FLOOR UNDER DUCT,NE END	<0.1
178	B444-3	212A	05Z0450	444-12012004-213-178	B444 VIA3:BIAS PDS SAMPLE:FLOOR,N/W END	<0.1
179	B444-3	205	05Z0450	444-12012004-213-179	B444 VIA3:BIAS PDS SAMPLE:FLOOR@RM 201,MAIN HALL	<0.1
180	B444-3	205	05Z0450	444-12012004-213-180	B444 VIA3:BIAS PDS SAMPLE:FLOOR@RM 201,MID DOOR	<0.1
181	B444-3	206	05Z0450	444-12012004-213-181	B444 VIA3:BIAS PDS SAMPLE:@S HATCH	0.328
181	B444-3	206	05D0304	444-12152004-213-181	B444 VIA3 - PDS BIAS PT 181,POSTENCAP:SW DOOR HATCH FRAME	<0.1
182	B444-3	206	05Z0450	444-12012004-213-182	B444 VIA3:BIAS PDS SAMPLE:FLOOR,S	0.374
182	B444-3	206	05D0304	444-12152004-213-182	B444 VIA3 - PDS BIAS PT 182,POSTENCAP:FLOOR SE	<0.1

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
183	B444-3	206	05Z0450	444-12012004-213-183	B444 VIA3:BIAS PDS SAMPLE:FLOOR,E	<0.1
184	B444-3	206	05Z0450	444-12012004-213-184	B444 VIA3:BIAS PDS SAMPLE:FLOOR,W @ DOORWAY	<0.1
185	B444-3	207	05Z0450	444-12012004-213-185	B444 VIA3:BIAS PDS SAMPLE:FLOOR@S DOORWAY TO R201	<0.1
186	B444-3	205	05Z0450	444-12012004-213-186	B444 VIA3:BIAS PDS SAMPLE:NW END FIREPIPE	0.192
186	B444-3	205	05D0304	444-12152004-213-186	B444 VIA3 - PDS BIAS PT 186,POSTENCAP:NW FIREPIPE	<0.1
187	B444-3	205	05Z0450	444-12012004-213-187	B444 VIA3:BIAS PDS SAMPLE:WALL FRAME,N/W	<0.1
188	B444-3	212A	05Z0450	444-12012004-213-188	B444 VIA3:BIAS PDS SAMPLE:WALL FRAME,N/E	<0.1
189	B444-3	205	05Z0450	444-12012004-213-189	B444 VIA3:BIAS PDS SAMPLE:WALL FRAME,N/E BY DUCT	<0.1
190	B444-3	205	05Z0450	444-12012004-213-190	B444 VIA3:BIAS PDS SAMPLE:WALL FRAME,S/E NEAR PIPE	<0.1
191	B444-3	205	05Z0450	444-12012004-213-191	B444 VIA3:BIAS PDS SAMPLE:ON DUCT	0.122
191	B444-3	205	05D0304	444-12152004-213-191	B444 VIA3 - PDS BIAS PT 191,POSTENCAP:SE WALL DUCT	<0.1
192	B444-3	205	05Z0450	444-12012004-213-192	B444 VIA3:BIAS PDS SAMPLE:TRANSITE,N/W WALL	<0.1
193	B444-3	212A	05Z0450	444-12012004-213-193	B444 VIA3:BIAS PDS SAMPLE:TRANSITE,N/E WALL	<0.1
194	B444-3	212A	05Z0450	444-12012004-213-194	B444 VIA3:BIAS PDS SAMPLE:DUCTWORK,N/E END	<0.1
195	B444-3	205	05Z0450	444-12012004-213-195	B444 VIA3:BIAS PDS SAMPLE:TRANSITE WALL,N/E@DUCT	<0.1
196	B444-3	212A	05Z0450	444-12012004-213-196	B444 VIA3:BIAS PDS SAMPLE:WALL,N/E	<0.1
197	B444-3	205	05Z0450	444-12012004-213-197	B444 VIA3:BIAS PDS SAMPLE:WALL,N/E @ DUCT	0.141
197	B444-3	212A	05D0304	444-12152004-213-197	B444 VIA3 - PDS BIAS PT 197,POSTENCAP:NE WALL DUCT	<0.1
198	B444-3	205	05Z0450	444-12012004-213-198	B444 VIA3:BIAS PDS SAMPLE:WALL,W NEAR R202	0.577
198	B444-3	205	05D0304	444-12152004-213-198	B444 VIA3 - PDS BIAS PT 198,POSTENCAP:NW WALL@E6-7	<0.1
199	B444-3	205	05Z0450	444-12012004-213-199	B444 VIA3:BIAS PDS SAMPLE:WALL,W NEAR R201 MIDDOOR	0.147
199	B444-3	205	05D0304	444-12152004-213-199	B444 VIA3 - PDS BIAS PT 199,POSTENCAP:NW WALL@E8-9	<0.1
200	B444-3	205	05Z0450	444-12012004-213-200	B444 VIA3:BIAS PDS SAMPLE:WALL,W @ ELEVATOR	<0.1
201	B444-3	208	05Z0450	444-12012004-213-201	B444 VIA3:BIAS PDS SAMPLE:WALL,S/W END	<0.1
202	B444-3	209	05Z0450	444-12012004-213-202	B444 VIA3:BIAS PDS SAMPLE:WALL,S/E END	0.733
202	B444-3	209	05D0304	444-12152004-213-202	B444 VIA3 - PDS BIAS PT 202,POSTENCAP:SE WALL@C11-D11	<0.1
203	B444-3	205	05Z0450	444-12012004-213-203	B444 VIA3:BIAS PDS SAMPLE:E CEILING/TRACK-C6	0.363
203	B444-3	205	05D0304	444-12152004-213-203	B444 VIA3 - PDS BIAS PT 203,POSTENCAP:CEILING/TRACK@C/D6	<0.1
204	B444-3	205	05Z0450	444-12012004-213-204	B444 VIA3:BIAS PDS SAMPLE:E CEILING/TRACK-C7	0.123
204	B444-3	205	05D0304	444-12152004-213-204	B444 VIA3 - PDS BIAS PT 204,POSTENCAP:CEILING/TRACK@C/D7	<0.1
205	B444-3	205	05Z0450	444-12012004-213-205	B444 VIA3:BIAS PDS SAMPLE:E CEILING/TRACK/COLUM-C8	0.15
205	B444-3	205	05D0304	444-12152004-213-205	B444 VIA3 - PDS BIAS PT 205,POSTENCAP:BEAM/COLUMN@C/D8	<0.1
206	B444-3	205	05Z0450	444-12012004-213-206	B444 VIA3:BIAS PDS SAMPLE:E CEILING/TRACK/COLUM-C8	4.26
206	B444-3	205	05D0304	444-12152004-213-206	B444 VIA3 - PDS BIAS PT 206,POSTENCAP:BEAM/COLUMN@C/D9	<0.1
207	B444-3	205	05Z0450	444-12012004-213-207	B444 VIA3:BIAS PDS SAMPLE:E CEILING/TRACK-C10	1.72

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
207	B444-3	205	05D0304	444-12152004-213-207	B444 VIA3 - PDS BIAS PT 207,POSTENCAP:BEAM/COLUMN@C/D10	<0.1
208	B444-3	207	05Z0450	444-12012004-213-208	B444 VIA3:BIAS PDS SAMPLE:W CEILING/TRACK-D10	0.109
208	B444-3	207	05D0304	444-12152004-213-208	B444 VIA3 - PDS BIAS PT 208,POSTENCAP:CEILING/TRACK@D/E10	<0.1
209	B444-3	205	05Z0450	444-12012004-213-209	B444 VIA3:BIAS PDS SAMPLE:W CEILING/TRACK B/W D8-9	1.97
209	B444-3	205	05D0304	444-12152004-213-209	B444 VIA3 - PDS BIAS PT 209,POSTENCAP:CEILING/TRACK@D8-E9	<0.1
210	B444-3	205	05Z0450	444-12012004-213-210	B444 VIA3:BIAS PDS SAMPLE:W CEILING/TRACK-D8	0.676
210	B444-3	205	05D0304	444-12152004-213-210	B444 VIA3 - PDS BIAS PT 210,POSTENCAP:CEILING/TRACK@D8-E8	<0.1
211	B444-3	205	05Z0450	444-12012004-213-211	B444 VIA3:BIAS PDS SAMPLE:W CEILING/WALL @R202	3.12
211	B444-3	205	05D0304	444-12152004-213-211	B444 VIA3 - PDS BIAS PT 211,POSTENCAP:BEAM/COLUMN@E7	<0.1
212	B444-3	205	05Z0450	444-12012004-213-212	B444 VIA3:BIAS PDS SAMPLE:W CEILING/TRACK-D6	0.866
212	B444-3	205	05D0304	444-12152004-213-212	B444 VIA3 - PDS BIAS PT 212,POSTENCAP:CEILING/TRACK@D/E6	<0.1
213	B444-3	205	05Z0450	444-12012004-213-213	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD ROOF DRAIN,N	0.381
213	B444-3	205	05Z0662	444-12282004-213-213	B444 VIA3 - BIAS POSTENCAP SAMPLE PT213,ROOF DRAIN, N	<0.1
214	B444-3	205	05Z0450	444-12012004-213-214	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD ROOF DRAIN,S	0.766
214	B444-3	205	05Z0662	444-12282004-213-214	B444 VIA3 - BIAS POSTENCAP SAMPLE PT213,ROOF DRAIN, S	<0.1
215	B444-3	205	05Z0450	444-12012004-213-215	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD PIPEPASSTHRU@D7	<0.1
216	B444-3	201	05Z0450	444-12012004-213-216	B444 VIA3:BIAS PDS SAMPLE:FLOOR,N STAIR BERM,W	0.108
216	B444-3	201	05D0304	444-12152004-213-216	B444 VIA3 - PDS BIAS PT 216,POSTENCAP:W STAIRWAY BERM	<0.1
217	B444-3	201	05Z0450	444-12012004-213-217	B444 VIA3:BIAS PDS SAMPLE:FLOOR,NW@R204	<0.1
218	B444-3	201	05Z0450	444-12012004-213-218	B444 VIA3:BIAS PDS SAMPLE:FLOOR NEAR G9	<0.1
219	B444-3	201	05Z0450	444-12012004-213-219	B444 VIA3:BIAS PDS SAMPLE:FLOOR@G9 PIPE PASSTHRU	0.432
219	B444-3	201	05D0304	444-12152004-213-219	B444 VIA3 - PDS BIAS PT 219,POSTENCAP:PIPE PASSTHRU@G8/9	<0.1
220	B444-3	201	05Z0450	444-12012004-213-220	B444 VIA3:BIAS PDS SAMPLE:FLOOR NEAR G10	0.837
220	B444-3	201	05D0304	444-12152004-213-220	B444 VIA3 - PDS BIAS PT 220,POSTENCAP:FLOOR SE OF G9	<0.1
221	B444-3	201	05Z0450	444-12012004-213-221	B444 VIA3:BIAS PDS SAMPLE:FLOOR@G10 PIPE PASSTHRU	1.04
221	B444-3	201	05D0304	444-12152004-213-221	B444 VIA3 - PDS BIAS PT 221,POSTENCAP:PIPE PASSTHRU@G9/10	<0.1
222	B444-3	201	05Z0450	444-12012004-213-222	B444 VIA3:BIAS PDS SAMPLE:FLOOR@G11 PIPE PASS	10.7
222	B444-3	201	05D0304	444-12152004-213-222	B444 VIA3 - PDS BIAS PT 222,POSTENCAP:PIPEPASSTHRU@G10/11	<0.1
223	B444-3	201	05Z0450	444-12012004-213-223	B444 VIA3:BIAS PDS SAMPLE:FLOOR@G12 PIPE PASS	4.8
223	B444-3	201	05D0304	444-12152004-213-223	B444 VIA3 - PDS BIAS PT 223,POSTENCAP:PIPEPASSTHRU@G11/12	<0.1
224	B444-3	201	05Z0450	444-12012004-213-224	B444 VIA3:BIAS PDS SAMPLE:FLOOR@N STAIR BEAM,S	0.119
224	B444-3	201	05D0304	444-12152004-213-224	B444 VIA3 - PDS BIAS PT 224,POSTENCAP:S STAIRWAY BERM	<0.1
225	B444-3	201	05Z0450	444-12012004-213-225	B444 VIA3:BIAS PDS SAMPLE:FLOOR NEAR E9	<0.1

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
226	B444-3	201	05Z0450	444-12012004-213-226	B444 VIA3:BIAS PDS SAMPLE:FLOOR,S STAIR BERM,W	<0.1
227	B444-3	201	05Z0450	444-12012004-213-227	B444 VIA3:BIAS PDS SAMPLE:N/W WALL	0.152
227	B444-3	201	05D0304	444-12152004-213-227	B444 VIA3 - PDS BIAS PT 227,POSTENCAP:N/W WALL	<0.1
228	B444-3	201	05Z0450	444-12012004-213-228	B444 VIA3:BIAS PDS SAMPLE:N/E WALL	0.135
228	B444-3	201	05D0304	444-12152004-213-228	B444 VIA3 - PDS BIAS PT 228,POSTENCAP:N/E WALL	<0.1
229	B444-3	201	05Z0450	444-12012004-213-229	B444 VIA3:BIAS PDS SAMPLE:S/W WALL	<0.1
230	B444-3	201	05Z0450	444-12012004-213-230	B444 VIA3:BIAS PDS SAMPLE:S/E WALL	<0.1
231	B444-3	201	05Z0450	444-12012004-213-231	B444 VIA3:BIAS PDS SAMPLE:S/E WALL FRAME	<0.1
232	B444-3	201	05Z0450	444-12012004-213-232	B444 VIA3:BIAS PDS SAMPLE:S/E TRANSITE	<0.1
233	B444-3	201	05Z0450	444-12012004-213-233	B444 VIA3:BIAS PDS SAMPLE:S/E WALL FRAME	<0.1
234	B444-3	201	05Z0450	444-12012004-213-234	B444 VIA3:BIAS PDS SAMPLE:S/E TRANSITE	<0.1
235	B444-3	201	05Z0450	444-12012004-213-235	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD BEAM B/W G8-9	0.13
235	B444-3	201	05D0304	444-12152004-213-235	B444 VIA3 - PDS BIAS PT 235,POSTENCAP:BEAM B/W G8-9	<0.1
236	B444-3	201	05Z0450	444-12012004-213-236	B444 VIA3:BIAS PDS SAMPLE:HANGER/WALL B/W G9-10	0.183
236	B444-3	201	05D0304	444-12152004-213-236	B444 VIA3 - PDS BIAS PT 236,POSTENCAP:BEAM B/W G9-10	<0.1
237	B444-3	201	05Z0450	444-12012004-213-237	B444 VIA3:BIAS PDS SAMPLE:PIPE PASSTHRU B/W G7-8	0.365
237	B444-3	201	05D0304	444-12152004-213-237	B444 VIA3 - PDS BIAS PT 237,POSTENCAP:WALL PASSTHRU@G7-8	<0.1
238	B444-3	201	05Z0450	444-12012004-213-238	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD BEAM@G8	2.16
238	B444-3	201	05D0304	444-12152004-213-238	B444 VIA3 - PDS BIAS PT 238,POSTENCAP:BEAM@G8	<0.1
239	B444-3	201	05Z0450	444-12012004-213-239	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD BEAM@G9	0.178
239	B444-3	201	05D0304	444-12152004-213-239	B444 VIA3 - PDS BIAS PT 239,POSTENCAP:BEAM@G9	<0.1
240	B444-3	201	05Z0450	444-12012004-213-240	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD BEAM@G10	0.119
240	B444-3	201	05D0304	444-12152004-213-240	B444 VIA3 - PDS BIAS PT 240,POSTENCAP:BEAM@G10	<0.1
241	B444-3	201	05Z0450	444-12012004-213-241	B444 VIA3:BIAS PDS SAMPLE:PIPE PASSTHRU B/W G10-11	<0.1
242	B444-3	201	05Z0450	444-12012004-213-242	B444 VIA3:BIAS PDS SAMPLE:PIPE PASSTHRU B/W G11-12	<0.1
243	B444-3	201	05Z0450	444-12012004-213-243	B444 VIA3:BIAS PDS SAMPLE:PIPE PASSTHRU B/W G12-13	<0.1
244	B444-3	201	05Z0450	444-12012004-213-244	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD BEAM B/W F7-8	<0.1
245	B444-3	201	05Z0450	444-12012004-213-245	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD BEAM @ E8	1.52
245	B444-3	201	05D0304	444-12152004-213-245	B444 VIA3 - PDS BIAS PT 245,POSTENCAP:BEAM@E8	<0.1
246	B444-3	201	05Z0450	444-12012004-213-246	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD BEAM @ E9	0.298
246	B444-3	201	05D0304	444-12152004-213-246	B444 VIA3 - PDS BIAS PT 246,POSTENCAP:BEAM@E9	<0.1
247	B444-3	201	05Z0450	444-12012004-213-247	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD BEAM @ E10	0.21
247	B444-3	201	05D0304	444-12152004-213-247	B444 VIA3 - PDS BIAS PT 247,POSTENCAP:BEAM@E10	<0.1
248	B444-3	201	05Z0450	444-12012004-213-248	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD BEAM @ E11	1.03
248	B444-3	201	05D0304	444-12152004-213-248	B444 VIA3 - PDS BIAS PT 248,POSTENCAP:BEAM@E11	<0.1

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
249	B444-3	201	05Z0450	444-12012004-213-249	B444 VIA3:BIAS PDS SAMPLE:PIPE PASSTHRU @ E11	0.178
249	B444-3	201	05D0304	444-12152004-213-249	B444 VIA3 - PDS BIAS PT 249,POSTENCAP:PIPE PASSTHRU@E11	<0.1
250	B444-3	201	05Z0450	444-12012004-213-250	B444 VIA3:BIAS PDS SAMPLE:SW DUCT PASSTHRU @ G13	<0.1
251	B444-3	245	05Z0450	444-12012004-213-251	B444 VIA3:BIAS PDS SAMPLE:FLOOR@DOORWAY TO R201 ,	<0.1
252	B444-3	245	05Z0450	444-12012004-213-252	B444 VIA3:BIAS PDS SAMPLE:FLOOR@MAN DOOR 43	<0.1
253	B444-3	245C	05Z0450	444-12012004-213-253	B444 VIA3:BIAS PDS SAMPLE:N/E WALL FRAME	<0.1
254	B444-3	245B	05Z0450	444-12012004-213-254	B444 VIA3:BIAS PDS SAMPLE:N/E TRANSITE	0.134
254	B444-3	245B	05D0304	444-12152004-213-254	B444 VIA3 - PDS BIAS PT 254,POSTENCAP:N/E TRANSITE WALL	<0.1
255	B444-3	245	05Z0450	444-12012004-213-255	B444 VIA3:BIAS PDS SAMPLE:S/E WALL FRAME	0.112
255	B444-3	245	05D0304	444-12152004-213-255	B444 VIA3 - PDS BIAS PT 255,POSTENCAP:S/E TRANSITE FRAME	<0.1
256	B444-3	245	05Z0450	444-12012004-213-256	B444 VIA3:BIAS PDS SAMPLE:S/E TRANSITE	<0.1
257	B444-3	245	05Z0450	444-12012004-213-257	B444 VIA3:BIAS PDS SAMPLE:S WALL FRAME	<0.1
258	B444-3	245	05Z0450	444-12012004-213-258	B444 VIA3:BIAS PDS SAMPLE:S TRANSITE	<0.1
259	B444-3	245	05Z0450	444-12012004-213-259	B444 VIA3:BIAS PDS SAMPLE:S WALL	<0.1
260	B444-3	245	05Z0450	444-12012004-213-260	B444 VIA3:BIAS PDS SAMPLE:S/W WALL	<0.1
261	B444-3	245	05Z0450	444-12012004-213-261	B444 VIA3:BIAS PDS SAMPLE:W WALL	<0.1
262	B444-3	245	05Z0450	444-12012004-213-262	B444 VIA3:BIAS PDS SAMPLE:FLOOR @ ROLLUP DOOR 43	<0.1
263	B444-3	245	05Z0450	444-12012004-213-263	B444 VIA3:BIAS PDS SAMPLE:FLOOR@10FT EAST OF E14	<0.1
264	B444-3	245	05Z0450	444-12012004-213-264	B444 VIA3:BIAS PDS SAMPLE:FLOOR@10FT EAST OF E15	<0.1
265	B444-3	245	05Z0450	444-12012004-213-265	B444 VIA3:BIAS PDS SAMPLE:FLOOR DRAINS, S END	<0.1
266	B444-3	245A	05Z0450	444-12012004-213-266	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD CEILIN DUCT@G13	<0.1
267	B444-3	245A	05Z0450	444-12012004-213-267	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD,ROOF DRAIN	<0.1
268	B444-3	245	05Z0450	444-12012004-213-268	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD COLUMN 14,E END	<0.1
269	B444-3	245	05Z0450	444-12012004-213-269	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD CRANERAIL-E,G15	<0.1
270	B444-3	245	05Z0450	444-12012004-213-270	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD CRANERAIL-W,G15	0.145
270	B444-3	245	05D0304	444-12152004-213-270	B444 VIA3 - PDS BIAS PT 270,POSTENCAP:N CRANE RAIL,E END	<0.1
271	B444-3	245	05Z0450	444-12012004-213-271	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD CRANERAIL-E,G16	<0.1
272	B444-3	245	05Z0450	444-12012004-213-272	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD CRANERAIL-E,G16	<0.1
273	B444-3	245	05Z0450	444-12012004-213-273	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD SW TANK,E END	<0.1
274	B444-3	245	05Z0450	444-12012004-213-274	B444 VIA3:BIAS PDS SAMPLE:OVERHEAD SW TANK,W END	<0.1
275	B444-3	245	05Z0450	444-12012004-213-275	B444 VIA3:BIAS PDS SAMPLE:SE CEILING DUCT@E16-F16	<0.1
283	B444-3	204	05D0300	444-12132004-213-283	B444 VIA3 - PDS POSTENCAP SAMPLE:N OF PT 57@COLUMN J5; VIA3	<0.1
284	B444-3	204	05D0300	444-12132004-213-284	B444 VIA3 - PDS POSTENCAP SAMPLE:S OF PT 57@COLUMNJ6; VIA3	<0.1
285	B444-3	204	05D0300	444-12132004-213-285	B444 VIA3 - PDS POSTENCAP SAMPLE:SE OF PT 57; VIA3	<0.1
286	B444-3	204	05D0300	444-12132004-213-286	B444 VIA3 - PDS POSTENCAP SAMPLE:E OF PT 57; VIA3	<0.1

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
287	B444-3	204	05D0300	444-12132004-213-287	B444 VIA3 - PDS POSTENCAP SAMPLE:N OF PT 74; VIA3	<0.1
288	B444-3	204	05D0300	444-12132004-213-288	B444 VIA3 - PDS POSTENCAP SAMPLE:S OF PT 74; VIA3	<0.1
289	B444-3	204	05D0300	444-12132004-213-289	B444 VIA3 - PDS POSTENCAP SAMPLE:SW OF PT 74; VIA3	<0.1
290	B444-3	204	05D0300	444-12132004-213-290	B444 VIA3 - PDS POSTENCAP SAMPLE:SW OF PT 74; VIA3	<0.1
291	B444-3	204	05D0300	444-12132004-213-291	B444 VIA3 - PDS POSTENCAP SAMPLE:N OF PT 76@N DOOR TO 201; VIA3	<0.1
292	B444-3	204	05D0300	444-12132004-213-292	B444 VIA3 - PDS POSTENCAP SAMPLE:S OF PT 76 NEAR 59; VIA3	<0.1
293	B444-3	204	05D0300	444-12132004-213-293	B444 VIA3 - PDS POSTENCAP SAMPLE:NW OF PT 76 NEAR J8; VIA3	<0.1
294	B444-3	204	05D0300	444-12132004-213-294	B444 VIA3 - PDS POSTENCAP SAMPLE:SW OF PT 76 NEAR H9; VIA3	<0.1
295	B444-3	204	05D0300	444-12132004-213-295	B444 VIA3 - PDS POSTENCAP SAMPLE:N OF PT 77; VIA3	<0.1
296	B444-3	204	05D0300	444-12132004-213-296	B444 VIA3 - PDS POSTENCAP SAMPLE:SW OF PT 77 NEAR H12; VIA3	<0.1
297	B444-3	204	05D0300	444-12132004-213-297	B444 VIA3 - PDS POSTENCAP SAMPLE:NW OF PT 77 NEAR H11; VIA3	<0.1
298	B444-3	204	05D0300	444-12132004-213-298	B444 VIA3 - PDS POSTENCAP SAMPLE:W OF PT 77; VIA3	<0.1
299	B444-3	204	05D0300	444-12132004-213-299	B444 VIA3 - PDS POSTENCAP SAMPLE:NW OF PT 79; VIA3	<0.1
300	B444-3	204A	05D0300	444-12132004-213-300	B444 VIA3 - PDS POSTENCAP SAMPLE:SW OF PT 79; VIA3	<0.1
301	B444-3	204	05D0300	444-12132004-213-301	B444 VIA3 - PDS POSTENCAP SAMPLE:NW OF PT79 UNDER DUCT@H12; VIA3	<0.1
302	B444-3	204A	05D0300	444-12132004-213-302	B444 PDS POSTENCAP SAMPLE:W OF PT 79; VIA3	<0.1
303	B444-3	204	05D0300	444-12132004-213-303	B444 VIA3 - PDS POSTENCAP SAMPLE:S OF PT 93,FIREPIPE; VIA3	<0.1
304	B444-3	204	05D0300	444-12132004-213-304	B444 PDS POSTENCAP SAMPLE:N OF PT 93,FIREPIPE; VIA3	<0.1
305.	B444-3	204	05D0300	444-12132004-213-305	B444 PDS POSTENCAP SAMPLE:N OF PT 95,FIREPIPE; VIA3	<0.1
306	B444-3	204	05D0300	444-12132004-213-306	B444 PDS POSTENCAP SAMPLE:N OF PT 95,FIREPIPE; VIA3	<0.1
307	B444-3	204	05D0300	444-12132004-213-307	B444 PDS POSTENCAP SAMPLE:S OF PT 105,FIREPIPE; VIA3	<0.1
308	B444-3	204	05D0300	444-12132004-213-308	B444 PDS POSTENCAP SAMPLE:S OF PT 105,FIREPIPE; VIA3	<0.1
309	B444-3	204	05D0300	444-12132004-213-309	B444 PDS POSTENCAP SAMPLE:NW OF PT 104:CEILING/J5; VIA3	<0.1
310	B444-3	204	05D0300	444-12132004-213-310	B444 PDS POSTENCAP SAMPLE:NE OF PT 104:CEILING/G5; VIA3	<0.1
311	B444-3	204	05D0300	444-12132004-213-311	B444 PDS POSTENCAP SAMPLE:S OF PT 104:COLUMN/H7; VIA3	<0.1
312	B444-3	204	05D0300	444-12132004-213-312	B444 PDS POSTENCAP SAMPLE:SW OF PT 104:COLUMN/J7; VIA3	0.22
312	B444-3	204	05D0307	444-12162004-01-201	B444 VIA3 - BIAS SAMPLE - POST FIXATIVE OF SAMPLE 312, COLUMN J7	<0.1
313	B444-3	204	05D0300	444-12132004-213-313	B444PDS POSTENCAP SAMPLE:SW OF PT108:CEILING/TRACK; VIA3	<0.1
314	B444-3	204	05D0300	444-12132004-213-314	B444PDS POSTENCAP SAMPLE:SW OF PT108:CEILING/TRACK; VIA3	<0.1
315	B444-3	204A	05D0300	444-12132004-213-315	B444PDS POSTENCAP SAMPLE:S OF PT108:CEILING/TRACK; VIA3	<0.1
316	B444-3	204	05D0300	444-12132004-213-316	B444PDS POSTENCAP SAMPLE:S OF PT108:CEILING/TRACK; VIA3	<0.1
317	B444-3	204	05D0300	444-12132004-213-317	B444PDS POSTENCAP SAMPLE:W OF PT109:DUCT AREA; VIA3	<0.1
318	B444-3	204	05D0300	444-12132004-213-318	B444PDS POSTENCAP SAMPLE:N OF PT109:CEILING/WALL; VIA3	<0.1

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
319	B444-3	204	05D0300	444-12132004-213-319	B444PDS POSTENCAP SAMPLE:N OF PT109:CEILING/TRACK; VIA3	<0.1
320	B444-3	204	05D0300	444-12132004-213-320	B444PDS POSTENCAP SAMPLE:N OF PT109:CEILING/TRACK; VIA3	<0.1
321	B444-3	204	05D0300	444-12132004-213-321	B444PDS POSTENCAP SAMPLE:E OF PT110:WALL@G15; VIA3	<0.1
322	B444-3	204	05D0300	444-12132004-213-322	B444PDS POSTENCAP SAMPLE:E OF PT110:WALL@G15; VIA3	<0.1
323	B444-3	204	05D0300	444-12132004-213-323	B444PDS POSTENCAP SAMPLE:NE OF PT110:WALL@G10; VIA3	<0.1
324	B444-3	204	05D0300	444-12132004-213-324	B444PDS POSTENCAP SAMPLE:NE OF PT110:WALL@G7; VIA3	<0.1
325	B444-3	204	05D0300	444-12132004-213-325	B444PDS POSTENCAP SAMPLE:NE OF PT110:WALL@H5; VIA3	<0.1
326	B444-3	204	05D0300	444-12132004-213-326	B444PDS POSTENCAP SAMPLE:SE OF PT110:WALL@H16; VIA3	<0.1
327	B444-3	204	05D0300	444-12132004-213-327	B444PDS POSTENCAP SAMPLE:FLOOR @N DOOR TO R201 (After manlift was brought in from 201); VIA3	<0.1
330	B444-3	203	05D0304	444-12152004-213-330	B444 VIA3 - PDS POSTENCAP SAMPLE POINT 121, S	<0.1
331	B444-3	203	05D0304	444-12152004-213-331	B444 VIA3 - PDS POSTENCAP SAMPLE PT 124,N WALL	<0.1
332	B444-3	203	05D0304	444-12152004-213-332	B444 VIA3 - PDS POSTENCAP SAMPLE PT 124,W PASSTHRU	<0.1
333	B444-3	203	05D0304	444-12152004-213-333	B444 VIA3 - PDS POSTENCAP SAMPLE PT 124,W WALL	<0.1
334	B444-3	203	05D0304	444-12152004-213-334	B444 VIA3 - PDS POSTENCAP SAMPLE PT 130,S/W WALL	<0.1
335	B444-3	203	05D0304	444-12152004-213-335	B444 VIA3 - PDS POSTENCAP SAMPLE PT 130,COLUMN F5	<0.1
336	B444-3	203	05D0304	444-12152004-213-336	B444 VIA3 - PDS POSTENCAP SAMPLE PT 130, N/E WALL	<0.1
337	B444-3	203	05D0304	444-12152004-213-337	B444 VIA3 - PDS POSTENCAP SAMPLE PT 130,N/W WALL@CEILING	<0.1
338	B444-3	203	05D0304	444-12152004-213-338	B444 VIA3 - PDS POSTENCAP SAMPLE PT 131,N/W CEILING	<0.1
339	B444-3	203	05D0304	444-12152004-213-339	B444 VIA3 - PDS POSTENCAP SAMPLE PT 131,E WALL OVER DOOR	<0.1
340	B444-3	203	05D0304	444-12152004-213-340	B444 VIA3 - PDS POSTENCAP SAMPLE PT 131,E CEILING	<0.1
341	B444-3	203	05D0304	444-12152004-213-341	B444 VIA3 - PDS POSTENCAP SAMPLE PT 131,SE CEILING/TRACK	<0.1
342	B444-3	202	05D0304	444-12152004-213-342	B444 PDS POSTENCAP SAMPLE PT 44,W-FLOOR	<0.1
343	B444-3	202	05D0304	444-12152004-213-343	B444 PDS POSTENCAP SAMPLE PT 44,W-FLOOR	<0.1
344	B444-3	202	05D0304	444-12152004-213-344	B444 PDS POSTENCAP SAMPLE PT 44,W-FLOOR	<0.1
345	B444-3	202	05D0304	444-12152004-213-345	B444 PDS POSTENCAP SAMPLE PT 60,E-FLOOR	<0.1
346	B444-3	202	05D0304	444-12152004-213-346	B444 PDS POSTENCAP SAMPLE PT 60,SW-FLOOR	<0.1
347	B444-3	202	05D0304	444-12152004-213-347	B444 PDS POSTENCAP SAMPLE PT 60,S-FLOOR	<0.1
348	B444-3	202	05D0304	444-12152004-213-348	B444 PDS POSTENCAP SAMPLE PT 132,NE-FLOOR	<0.1
349	B444-3	202	05D0304	444-12152004-213-349	B444 PDS POSTENCAP SAMPLE PT 132,NE-FLOOR	<0.1
350	B444-3	202	05D0304	444-12152004-213-350	B444 PDS POSTENCAP SAMPLE PT 132,N-FLOOR	<0.1
351	B444-3	202	05D0304	444-12152004-213-351	B444 PDS POSTENCAP SAMPLE PT 134,SW-FLOOR	<0.1
352	B444-3	202	05D0304	444-12152004-213-352	B444 PDS POSTENCAP SAMPLE PT 134,SW-FLOOR	<0.1
353	B444-3	202	05D0304	444-12152004-213-353	B444 PDS POSTENCAP SAMPLE PT 134,S-FLOOR	<0.1

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
354	B444-3	202	05D0304	444-12152004-213-354	B444 PDS POSTENCAP SAMPLE PT 136,N-FLOOR	<0.1
355	B444-3	202	05D0304	444-12152004-213-355	B444 PDS POSTENCAP SAMPLE PT 136,NE-FLOOR	<0.1
356	B444-3	202	05D0304	444-12152004-213-356	B444 PDS POSTENCAP SAMPLE PT 136,E-FLOOR	<0.1
357	B444-3	202	05D0304	444-12152004-213-357	B444 VIA3 - PDS POSTENCAP SAMPLE PT 137,E-WALL	<0.1
358	B444-3	202	05D0304	444-12152004-213-358	B444 VIA3 - PDS POSTENCAP SAMPLE PT 137,E-WALL	<0.1
359	B444-3	202	05D0304	444-12152004-213-359	B444 VIA3 - PDS POSTENCAP SAMPLE PT 137,E-WALL	<0.1
360	B444-3	202	05D0304	444-12152004-213-360	B444 VIA3 - PDS POSTENCAP SAMPLE PT 138,S-WALL	<0.1
361	B444-3	202	05D0304	444-12152004-213-361	B444 VIA3 - PDS POSTENCAP SAMPLE PT 138,N-WALL	<0.1
362	B444-3	202	05D0304	444-12152004-213-362	B444 VIA3 - PDS POSTENCAP PT138,N WALL	<0.1
363	B444-3	202	05D0304	444-12152004-213-363	B444 VIA3 - PDS POSTENCAP SAMPLE PT 139,W-WALL	<0.1
364	B444-3	202	05D0304	444-12152004-213-364	B444 VIA3 - PDS POSTENCAP SAMPLE PT 139,W-WALL	<0.1
365	B444-3	202	05D0304	444-12152004-213-365	B444 VIA3 - PDS POSTENCAP SAMPLE PT 139,W-WALL	<0.1
366	B444-3	202	05D0304	444-12152004-213-366	B444 VIA3 - PDS POSTENCAP SAMPLE PT 140,NW-WALL	<0.1
367	B444-3	202	05D0304	444-12152004-213-367	B444 VIA3 - PDS POSTENCAP SAMPLE PT 140,NW-WALL	<0.1
368	B444-3	202	05D0304	444-12152004-213-368	B444 VIA3 - PDS POSTENCAP SAMPLE PT 140,NW-WALL	<0.1
369	B444-3	202	05D0304	444-12152004-213-369	B444 VIA3 - PDS POSTENCAP SAMPLE PT 141,W-WALL	<0.1
370	B444-3	202	05D0304	444-12152004-213-370	B444 VIA3 - PDS POSTENCAP SAMPLE PT 141,W-WALL	<0.1
371	B444-3	202	05D0304	444-12152004-213-371	B444 VIA3 - PDS POSTENCAP SAMPLE PT 141,W-WALL	<0.1
372	B444-3	202	05Z0669	444-01032005-01-376	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE #372, CEILING TRACK	<0.1
372	B444-3	202	05D0304	444-12152004-213-372	B444 VIA3 - PDS POSTENCAP SAMPLE PT 142,N-CEILING/TRACK	6.36
372	B444-3	202	05Z0662	444-12282004-213-376	B444 VIA3 - BIAS POSTENCAP SAMPLE PT 372:CEILING/TRACKS	0.206
373	B444-3	202	05Z0669	444-01032005-01-377	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE #373, CEILING TRACK	<0.1
373	B444-3	202	05D0304	444-12152004-213-373	B444 VIA3 - PDS POSTENCAP SAMPLE PT 142,N-CEILING/TRACK	3.99
373	B444-3	202	05Z0662	444-12282004-213-377	B444 VIA3 - BIAS POSTENCAP SAMPLE PT 373:CEILING/TRACKS	0.165
374	B444-3	202	05Z0669	444-01032005-01-378	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE #374, CEILING TRACK	<0.1
374	B444-3	202	05D0304	444-12152004-213-374	B444 VIA3 - PDS POSTENCAP SAMPLE PT 142,N-CEILING/TRACK	0.399
374	B444-3	202	05Z0662	444-12282004-213-378	B444 VIA3 - BIAS POSTENCAP SAMPLE PT 374:CEILING/TRACKS	0.124
375	B444-3	202	05D0304	444-12152004-213-375	B444 VIA3 - PDS POSTENCAP SAMPLE PT 142,N-CEILING/TRACK	0.941
375	B444-3	202	05Z0662	444-12282004-213-379	B444 VIA3 - BIAS POSTENCAP SAMPLE PT 375:CEILING/TRACKS	<0.1
376	B444-3	202	05Z0669	444-01032005-01-374	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE #376, CEILING TRACK	<0.1
376	B444-3	202	05D0304	444-12152004-213-376	B444 VIA3 - PDS POSTENCAP SAMPLE PT 143,E-CEILING/TRACK	0.335
376	B444-3	202	05Z0662	444-12282004-213-374	B444 VIA3 - BIAS POSTENCAP SAMPLE PT 376:CEILING/TRACKS	0.25
377	B444-3	202	05Z0669	444-01032005-01-373	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE #377, CEILING TRACK	<0.1

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
377	B444-3	202	05D0304	444-12152004-213-377	B444 VIA3 - PDS POSTENCAP SAMPLE PT 143,E-CEILING/TRACK	8.81
377	B444-3	202	05Z0662	444-12282004-213-373	B444 VIA3 - BIAS POSTENCAP SAMPLE PT 377:CEILING/TRACKS	0.331
378	B444-3	202	05Z0669	444-01032005-01-372	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE #378, CEILING TRACK	<0.1
378	B444-3	202	05D0304	444-12152004-213-378	B444 VIA3 - PDS POSTENCAP SAMPLE PT 143,W-CEILING/TRACK	3.54
378	B444-3	202	05Z0662	444-12282004-213-372	B444 VIA3 - BIAS POSTENCAP SAMPLE PT 378:CEILING/TRACKS	1.09
379	B444-3	202	05Z0669	444-01032005-01-380	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE #379, CEILING TRACK	0.399
379	B444-3	202	05Z0782	444-01092005-01-379	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE - #379, CEILING TRACK	<0.1
379	B444-3	202	05D0304	444-12152004-213-379	B444 VIA3 - PDS POSTENCAP SAMPLE PT 143,S-CEILING/TRACK	24.7
379	B444-3	202	05Z0662	444-12282004-213-380	B444 VIA3 - BIAS POSTENCAP SAMPLE PT 380:CEILING/TRACKS	0.933
380	B444-3	202	05Z0669	444-01032005-01-381	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE #380, CEILING TRACK	<0.1
380	B444-3	202	05D0304	444-12152004-213-380	B444 VIA3 - PDS POSTENCAP SAMPLE PT 144,S-CEILING/TRACK	15.6
380	B444-3	202	05Z0662	444-12282004-213-381	B444 VIA3 - BIAS POSTENCAP SAMPLE PT 380:CEILING/TRACKS	5.24
381	B444-3	202	05Z0669	444-01032005-01-382	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE #381, CEILING TRACK	<0.1
381	B444-3	202	05D0304	444-12152004-213-381	B444 VIA3 - PDS POSTENCAP SAMPLE PT 144,S-CEILING/TRACK	1.64
381	B444-3	202	05Z0662	444-12282004-213-382	B444 VIA3 - BIAS POSTENCAP SAMPLE PT 381:CEILING/TRACKS	0.61
382	B444-3	202	05D0304	444-12152004-213-382	B444 VIA3 - PDS POSTENCAP SAMPLE PT 144,SE-CEILING/TRACK	2.61
382	B444-3	202	05Z0662	444-12282004-213-383	B444 VIA3 - BIAS POSTENCAP SAMPLE PT 382:CEILING/TRACKS	<0.1
383	B444-3	202	05Z0669	444-01032005-01-375	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE #383, CEILING TRACK	0.226
383	B444-3	202	05Z0782	444-01092005-01-383	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE - #383, CEILING TRACK	<0.1
383	B444-3	202	05D0304	444-12152004-213-383	B444 VIA3 - PDS POSTENCAP SAMPLE PT 144,E-CEILING/TRACK	1.97
383	B444-3	202	05Z0662	444-12282004-213-375	B444 VIA3 - BIAS POSTENCAP SAMPLE PT 383:CEILING/TRACKS	0.254
384	B444-3	212B	05D0304	444-12152004-213-384	B444 VIA3 - PDS POSTENCAP SAMPLE PT 145,TOP W BEAM	<0.1
385	B444-3	212B	05D0304	444-12152004-213-385	B444 VIA3 - PDS POSTENCAP SAMPLE PT 145,TOP E BEAM	<0.1
386	B444-3	212B	05D0304	444-12152004-213-386	B444 VIA3 - PDS POSTENCAP SAMPLE PT 145,TOP E BEAM	<0.1
387	B444-3	205A	05D0304	444-12152004-213-387	B444 VIA3 - PDS POSTENCAP SAMPLE PT 145,TOP E BEAM	<0.1
388	B444-3	212B	05D0304	444-12152004-213-388	B444 VIA3 - PDS POSTENCAP SAMPLE PT 145,TOP SE BEAM	<0.1
389	B444-3	205A	05D0304	444-12152004-213-389	B444 VIA3 - PDS POSTENCAP SAMPLE PT 153,BEAM, E	<0.1
390	B444-3	205A	05D0304	444-12152004-213-390	B444 VIA3 - PDS POSTENCAP SAMPLE PT 153,BEAM, NE	<0.1
391	B444-3	205B	05D0304	444-12152004-213-391	B444 VIA3 - PDS POSTENCAP SAMPLE PT 153,BEAM, NW	<0.1
392	B444-3	205A	05D0304	444-12152004-213-392	B444 VIA3 - PDS POSTENCAP SAMPLE PT 153,BEAM, W	<0.1
393	B444-3	205A	05D0304	444-12152004-213-393	B444 VIA3 - PDS POSTENCAP SAMPLE PT 154,BEAM,N	<0.1
394	B444-3	205A	05D0304	444-12152004-213-394	B444 VIA3 - PDS POSTENCAP SAMPLE PT 154,BEAM,E	<0.1
395	B444-3	205A	05D0304	444-12152004-213-395	B444 VIA3 - PDS POSTENCAP SAMPLE PT 154,BEAM,W	<0.1

Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
396	B444-3	205A	05D0304	444-12152004-213-396	B444 VIA3 - PDS POSTENCAP SAMPLE PT 154,BEAM,W	<0.1
397	B444-3	206	05D0304	444-12152004-213-397	B444 VIA3 - PDS POSTENCAP SAMPLE PT 181,S HATCH FRAME	0.131
397	B444-3	206	05Z0662	444-12282004-213-397	B444 VIA3 - BIAS POSTENCAP SAMPLE PT 397:HATCH FRAME	<0.1
398	B444-3	206	05D0304	444-12152004-213-398	B444 VIA3 - PDS POSTENCAP SAMPLE PT 181,S HATCH FRAME	<0.1
399	B444-3	206	05D0304	444-12152004-213-399	B444 VIA3 - PDS POSTENCAP SAMPLE PT 182,FLOOR,N	<0.1
400	B444-3	206	05D0304	444-12152004-213-400	B444 VIA3 - PDS POSTENCAP SAMPLE PT 182,FLOOR,NW	<0.1
401	B444-3	206	05D0304	444-12152004-213-401	B444 VIA3 - PDS POSTENCAP SAMPLE PT 181,N WALL	<0.1
402	B444-3	206	05D0304	444-12152004-213-402	B444 VIA3 - PDS POSTENCAP SAMPLE PT 181,E WALL	0.103
402	B444-3	206	05Z0662	444-12282004-213-402	B444 VIA3 - BIAS POSTENCAP SAMPLE PT 402:EAST WALL	
403	B444-3	206	05D0304	444-12152004-213-403	B444 VIA3 - PDS POSTENCAP SAMPLE PT 181,W WALL	<0.1
404	B444-3	205	05D0304	444-12152004-213-404	B444 VIA3 - PDS POSTENCAP SAMPLE PT 186,N FIREPIPE	<0.1
405	B444-3	205	05D0304	444-12152004-213-405	B444 VIA3 - PDS POSTENCAP SAMPLE PT 191,S DUCT	<0.1
406	B444-3	205	05D0304	444-12152004-213-406	B444 VIA3 - PDS POSTENCAP SAMPLE PT 191,S DUCT	<0.1
407	B444-3	212A	05D0304	444-12152004-213-407	B444 VIA3 - PDS POSTENCAP SAMPLE PT 197,N DUCT	<0.1
408	B444-3	212A	05D0304	444-12152004-213-408	B444 VIA3 - PDS POSTENCAP SAMPLE PT 197,N DUCT	<0.1
409	B444-3	205	05D0304	444-12152004-213-409	B444 VIA3 - PDS POSTENCAP SAMPLE PT 198,WALL,N	<0.1
410	B444-3	205	05D0304	444-12152004-213-410	B444 VIA3 - PDS POSTENCAP SAMPLE PT 198,WALL,S	<0.1
411	B444-3	205	05D0304	444-12152004-213-411	B444 VIA3 - PDS POSTENCAP SAMPLE PT 199,WALL,N	<0.1
412	B444-3	205	05D0304	444-12152004-213-412	B444 VIA3 - PDS POSTENCAP SAMPLE PT 199,WALL,S	<0.1
413	B444-3	205	05D0304	444-12152004-213-413	B444 VIA3 - PDS POSTENCAP SAMPLE PT 202,WALL,NW	<0.1
414	B444-3	207	05D0304	444-12152004-213-414	B444 VIA3 - PDS POSTENCAP SAMPLE PT 202,WALL,NW	<0.1
415	B444-3	208	05D0304	444-12152004-213-415	B444 VIA3 - PDS POSTENCAP SAMPLE PT 202,WALL,W	<0.1
416	B444-3	209	05D0304	444-12152004-213-416	B444 VIA3 - PDS POSTENCAP SAMPLE PT 202,WALL,E	<0.1
417	B444-3	205	05D0304	444-12152004-213-417	B444 VIA3 - PDS POSTENCAP SAMPLE PT 199,WALL,SE	<0.1
418	B444-3	205	05D0304	444-12152004-213-418	B444 VIA3 - PDS POSTENCAP SAMPLE PT 199,WALL,SE	<0.1
419	B444-3	205	05D0304	444-12152004-213-419	B444 VIA3 - PDS POSTENCAP SAMPLE PT 198,WALL,SE	<0.1
420	B444-3	205	05D0304	444-12152004-213-420	B444 VIA3 - PDS POSTENCAP SAMPLE PT 198,WALL,SE	<0.1
421	B444-3	212A	05D0304	444-12152004-213-421	B444 PDS POSTENCAP SAMPLE PT 203,CEILING/TRACK,C5-6 NE	<0.1
422	B444-3	205	05D0304	444-12152004-213-422	B444 PDS POSTENCAP SAMPLE PT 203,CEILING/TRACK,C5-6 NW	<0.1
423	B444-3	205	05D0304	444-12152004-213-423	B444 PDS POSTENCAP SAMPLE PT 203,CEILING/TRACK,C6-7 SW	<0.1
424	B444-3	205	05D0304	444-12152004-213-424	B444 PDS POSTENCAP SAMPLE PT 204,CEILING/TRACK,C6-7 NE	<0.1
425	B444-3	205	05D0304	444-12152004-213-425	B444 PDS POSTENCAP SAMPLE PT 204,CEILING/TRACK,C7-8 SE	<0.1
426	B444-3	205	05D0304	444-12152004-213-426	B444 PDS POSTENCAP SAMPLE PT 204,CEILING/TRACK,C7-8 SW	<0.1

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
427	B444-3	205	05D0304	444-12152004-213-427	B444 PDS POSTENCAP SAMPLE PT 205,CEILING/TRACK,C8-9 SW	<0.1
428	B444-3	205	05D0304	444-12152004-213-428	B444 PDS POSTENCAP SAMPLE PT 205,CEILING/TRACK,C8-9 SE	<0.1
429	B444-3	205	05D0304	444-12152004-213-429	B444 PDS POSTENCAP SAMPLE PT 206,CEILING/TRACK,C8-9 SE	<0.1
430	B444-3	205	05D0304	444-12152004-213-430	B444 PDS POSTENCAP SAMPLE PT 206,CEILING/TRACK,C8-9 SW	<0.1
431	B444-3	205	05D0304	444-12152004-213-431	B444 PDS POSTENCAP SAMPLE PT 207,CEILING/TRACK,C9-10 SW	<0.1
432	B444-3	205	05D0304	444-12152004-213-432	B444 PDS POSTENCAP SAMPLE PT 207,CEILING/TRACK,C9-10 SE	<0.1
433	B444-3	207	05D0304	444-12152004-213-433	B444 PDS POSTENCAP SAMPLE PT 208,CEILING/TRACK,E10-11,S	<0.1
434	B444-3	208	05D0304	444-12152004-213-434	B444 PDS POSTENCAP SAMPLE PT 208,CEILING/TRACK,E10-11,SW	<0.1
435	B444-3	205	05D0304	444-12152004-213-435	B444 PDS POSTENCAP SAMPLE PT 209,CEILING/TRACK,E9-10,S	<0.1
436	B444-3	205	05D0304	444-12152004-213-436	B444 PDS POSTENCAP SAMPLE PT 209,CEILING/TRACK,E9-10,S	<0.1
437	B444-3	205	05D0304	444-12152004-213-437	B444 PDS POSTENCAP SAMPLE PT 210,CEILING/TRACK,E8-9,SE	<0.1
438	B444-3	211	05D0304	444-12152004-213-438	B444 PDS POSTENCAP SAMPLE PT 210,CEILING/TRACK,E8-9,SW	<0.1
439	B444-3	205	05D0304	444-12152004-213-439	B444 PDS POSTENCAP SAMPLE PT 211,CEILING/TRACK,E7-8,SW	<0.1
440	B444-3	205	05D0304	444-12152004-213-440	B444 PDS POSTENCAP SAMPLE PT 211,CEILING/TRACK,E7-8,SE	<0.1
441	B444-3	205	05D0304	444-12152004-213-441	B444 PDS POSTENCAP SAMPLE PT 212,CEILING/TRACK,E6-7,SE	<0.1
442	B444-3	205	05D0304	444-12152004-213-442	B444 PDS POSTENCAP SAMPLE PT 212,CEILING/TRACK,E6-7,SW	<0.1
443	B444-3	205	05D0304	444-12152004-213-443	B444 PDS POSTENCAP SAMPLE PT 212,CEILING/TRACK,E5-6,NW	<0.1
444	B444-3	212A	05D0304	444-12152004-213-444	B444 PDS POSTENCAP SAMPLE PT 212,CEILING/TRACK,E5-6,NE	<0.1
445	B444-3	201	05D0304	444-12152004-213-445	B444 VIA3 - PDS POSTENCAP SAMPLE PT 216,FLOOR,N	<0.1
446	B444-3	201	05D0304	444-12152004-213-446	B444 VIA3 - PDS POSTENCAP SAMPLE PT 216,FLOOR,S	<0.1
447	B444-3	201	05D0304	444-12152004-213-447	B444 VIA3 - PDS POSTENCAP SAMPLE PT 220,FLOOR,N	<0.1
448	B444-3	201	05D0304	444-12152004-213-448	B444 VIA3 - PDS POSTENCAP SAMPLE PT 220,FLOOR,S	<0.1
449	B444-3	201	05D0304	444-12152004-213-449	B444 VIA3 - PDS POSTENCAP SAMPLE PT 220,FLOOR,E	<0.1
450	B444-3	201	05D0304	444-12152004-213-450	B444 VIA3 - PDS POSTENCAP SAMPLE PT 224,FLOOR,W	<0.1
451	B444-3	201	05D0304	444-12152004-213-451	B444 VIA3 - PDS POSTENCAP SAMPLE PT 224,FLOOR,E	<0.1
452	B444-3	201	05D0304	444-12152004-213-452	B444 VIA3 - PDS POSTENCAP SAMPLE PT 224,FLOOR,N-STEPS	<0.1
453	B444-3	201	05D0304	444-12152004-213-453	B444 VIA3 - PDS POSTENCAP SAMPLE PT 219,PASSTHRU,N	<0.1
454	B444-3	201	05D0304	444-12152004-213-454	B444 VIA3 - PDS POSTENCAP SAMPLE PT 219,PASSTHRU,S	<0.1
457	B444-3	201	05D0304	444-12152004-213-457	B444 VIA3 - PDS POSTENCAP SAMPLE PT 222,PASSTHRU,N	<0.1
458	B444-3	201	05D0304	444-12152004-213-458	B444 VIA3 - PDS POSTENCAP SAMPLE PT 222,PASSTHRU,S	<0.1
459	B444-3	201	05D0304	444-12152004-213-459	B444 VIA3 - PDS POSTENCAP SAMPLE PT 223,PASSTHRU,N	<0.1
460	B444-3	201	05D0304	444-12152004-213-460	B444 VIA3 - PDS POSTENCAP SAMPLE PT 223,PASSTHRU,S	<0.1
461	B444-3	201	05D0304	444-12152004-213-461	B444 VIA3 - PDS POSTENCAP SAMPLE PT 227,WALL,W	<0.1

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
462	B444-3	201	05D0304	444-12152004-213-462	B444 VIA3 - PDS POSTENCAP SAMPLE PT 227,WALL,E	<0.1
463	B444-3	201	05D0304	444-12152004-213-463	B444 VIA3 - PDS POSTENCAP SAMPLE PT 227,WALL,E	<0.1
464	B444-3	201	05D0304	444-12152004-213-464	B444 VIA3 - PDS POSTENCAP SAMPLE PT 227,WALL,E	<0.1
465	B444-3	201	05D0304	444-12152004-213-465	B444 VIA3 - PDS POSTENCAP SAMPLE PT 227,WALL,SE	<0.1
466	B444-3	201	05D0304	444-12152004-213-466	B444 VIA3 - PDS POSTENCAP SAMPLE PT 228,WALL,S	<0.1
467	B444-3	201	05D0304	444-12152004-213-467	B444 VIA3 - PDS POSTENCAP SAMPLE PT 228,WALL,S	<0.1
468	B444-3	201	05D0304	444-12152004-213-468	B444 VIA3 - PDS POSTENCAP SAMPLE PT 228,WALL,S	<0.1
469	B444-3	201	05D0304	444-12152004-213-469	B444 VIA3 - PDS POSTENCAP SAMPLE PT 228,WALL,S	<0.1
470	B444-3	201	05D0304	444-12152004-213-470	B444 VIA3 - PDS POSTENCAP SAMPLE PT 237,PASSTHRU,N	<0.1
471	B444-3	201	05D0304	444-12152004-213-471	B444 VIA3 - PDS POSTENCAP SAMPLE PT 237,PASSTHRU,S	<0.1
476	B444-3	201	05D0304	444-12152004-213-476	B444 VIA3 - PDS POSTENCAP SAMPLE PT 240,CEIL/TRACK/BEAM,S	<0.1
477	B444-3	201	05D0304	444-12152004-213-477	B444 VIA3 - PDS POSTENCAP SAMPLE PT 240,CEIL/TRACK/BEAM,S	<0.1
478	B444-3	201	05D0304	444-12152004-213-478	B444 VIA3 - PDS POSTENCAP SAMPLE PT 236,CEIL/TRACK/BEAM,S	<0.1
479	B444-3	201	05D0304	444-12152004-213-479	B444 VIA3 - PDS POSTENCAP SAMPLE PT 236,CEIL/TRACK/BEAM,S	<0.1
480	B444-3	201	05D0304	444-12152004-213-480	B444 VIA3 - PDS POSTENCAP SAMPLE PT 239,CEIL/TRACK/BEAM,S	<0.1
481	B444-3	201	05D0304	444-12152004-213-481	B444 VIA3 - PDS POSTENCAP SAMPLE PT 239,CEIL/TRACK/BEAM,S	<0.1
482	B444-3	201	05D0304	444-12152004-213-482	B444 VIA3 - PDS POSTENCAP SAMPLE PT 235,CEIL/TRACK/BEAM,N	<0.1
483	B444-3	201	05D0304	444-12152004-213-483	B444 VIA3 - PDS POSTENCAP SAMPLE PT 235,CEIL/TRACK/BEAM,S	<0.1
484	B444-3	201	05D0304	444-12152004-213-484	B444 VIA3 - PDS POSTENCAP SAMPLE PT 238,CEIL/TRACK/BEAM,E	<0.1
485	B444-3	201	05D0304	444-12152004-213-485	B444 VIA3 - PDS POSTENCAP SAMPLE PT 238,CEIL/TRACK/BEAM,E	<0.1
486	B444-3	201	05D0304	444-12152004-213-486	B444 VIA3 - PDS POSTENCAP SAMPLE PT 238,CEIL/TRACK/BEAM,E	<0.1
487	B444-3	201	05D0304	444-12152004-213-487	B444 VIA3 - PDS POSTENCAP SAMPLE PT 245,CEIL/TRACK/BEAM,N	<0.1
488	B444-3	201	05D0304	444-12152004-213-488	B444 VIA3 - PDS POSTENCAP SAMPLE PT 245,CEIL/TRACK/BEAM,S	<0.1
489	B444-3	201	05D0304	444-12152004-213-489	B444 VIA3 - PDS POSTENCAP SAMPLE PT 246,CEIL/TRACK/BEAM,N	<0.1
490	B444-3	201	05D0304	444-12152004-213-490	B444 VIA3 - PDS POSTENCAP SAMPLE PT 246,CEIL/TRACK/BEAM,S	<0.1
491	B444-3	201	05D0304	444-12152004-213-491	B444 VIA3 - PDS POSTENCAP SAMPLE PT 247,CEIL/TRACK/BEAM,N	<0.1
492	B444-3	201	05D0304	444-12152004-213-492	B444 VIA3 - PDS POSTENCAP SAMPLE PT 247,CEIL/TRACK/BEAM,S	<0.1
493	B444-3	201	05D0304	444-12152004-213-493	B444 VIA3 - PDS POSTENCAP SAMPLE PT 248,CEIL/TRACK/BEAM,N	<0.1
494	B444-3	201	05D0304	444-12152004-213-494	B444 VIA3 - PDS POSTENCAP SAMPLE PT 248,CEIL/TRACK/BEAM,S	<0.1
495	B444-3	201	05D0304	444-12152004-213-495	B444 VIA3 - PDS POSTENCAP SAMPLE PT 248,CEIL/TRACK/BEAM,S	<0.1
498	B444-3	201	05D0304	444-12152004-213-498	B444 VIA3 - PDS POSTENCAP SAMPLE PT 249,PASSTHRU,N	<0.1
499	B444-3	201	05D0304	444-12152004-213-499	B444 VIA3 - PDS POSTENCAP SAMPLE PT 249,PASSTHRU,S	<0.1
502	B444-3	245	05D0304	444-12152004-213-502	B444 VIA3 - PDS POSTENCAP SAMPLE PT 270,CEILING,NE	<0.1

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
503	B444-3	245	05D0304	444-12152004-213-503	B444 VIA3 - PDS POSTENCAP SAMPLE PT 270,BEAM,E	<0.1
504	B444-3	245	05D0304	444-12152004-213-504	B444 VIA3 - PDS POSTENCAP SAMPLE PT 270,RAIL,W	<0.1
505	B444-3	245	05D0304	444-12152004-213-505	B444 VIA3 - PDS POSTENCAP SAMPLE PT 270,CEILING,W	<0.1
506	B444-3	245	05D0304	444-12152004-213-506	B444 VIA3 - PDS POSTENCAP SAMPLE PT 255,WALL/FRAME,S	<0.1
507	B444-3	245	05D0304	444-12152004-213-507	B444 VIA3 - PDS POSTENCAP SAMPLE PT 255,WALL/FRAME,N	<0.1
508	B444-3	245C	05D0304	444-12152004-213-508	B444 VIA3 - PDS POSTENCAP SAMPLE PT 254,TRANSITE,N	<0.1
509	B444-3	245B	05D0304	444-12152004-213-509	B444 VIA3 - PDS POSTENCAP SAMPLE PT 254,TRANSITE/DRAIN,S	<0.1
531	B444-3	204	05D0307	444-12162004-01-202	B444 VIA3 - BIAS SAMPLE - POST FIXATIVE - N OF SAMPLE 312, COLUMN J7	<0.1
532	B444-3	204	05D0307	444-12162004-01-203	B444 VIA3 - BIAS SAMPLE - POST FIXATIVE - S OF SAMPLE 312, COLUMN J7	<0.1
533	B444-3	204	05D0307	444-12162004-01-204	B444 VIA3 - BIAS SAMPLE - POST FIXATIVE - N OF SAMPLE 312, COLUMN J7	<0.1
534	B444-3	204	05D0307	444-12162004-01-205	B444 VIA3 - BIAS SAMPLE - POST FIXATIVE - S OF SAMPLE 312, COLUMN J7	<0.1
550	B444-3	206	05Z0662	444-12282004-213-550	B444 VIA3 - BIAS POSTENCAP NEAR SAMPLE PT397:HATCH	<0.1
551	B444-3	206	05Z0662	444-12282004-213-551	B444 VIA3 - BIAS POSTENCAP NEAR SAMPLE PT397:S WALL	<0.1
552	B444-3	206	05Z0662	444-12282004-213-552	B444 VIA3 - BIAS POSTENCAP N OF SAMPLE PT 402:N WALL	<0.1
553	B444-3	206	05Z0662	444-12282004-213-553	B444 VIA3 - BIAS POSTENCAP NEAR SAMPLE PT 402:E WALL	<0.1
554	B444-3	206	05Z0662	444-12282004-213-554	B444 VIA3 - BIAS POSTENCAP W OF SAMPLE PT 402:W WALL	<0.1
555	B444-3	205	05Z0662	444-12282004-213-555	B444 VIA3 - BIAS POSTENCAP S OF SAMPLE PT213,ROOF DRAIN	<0.1
556	B444-3	205	05Z0662	444-12282004-213-556	B444 VIA3 - BIAS POSTENCAP S OF SAMPLE PT213,ROOF DRAIN	<0.1
557	B444-3	205	05Z0662	444-12282004-213-557	B444 VIA3 - BIAS POSTENCAP N OF SAMPLE PT214,ROOF DRAIN	<0.1
558	B444-3	205	05Z0662	444-12282004-213-558	B444 VIA3 - BIAS POSTENCAP N OF SAMPLE PT214,ROOF DRAIN	<0.1
559	B444-3	205	05Z0662	444-12282004-213-559	B444 VIA3 - BIAS POSTENCAP N OF SAMPLE PT214,ROOF DRAIN	<0.1
560	B444-3	201	05Z0662	444-12282004-213-560	B444 VIA3 - BIAS POSTENCAP SAMPLE: PASSTHRUS B/W G10-11	<0.1
561	B444-3	201	05Z0662	444-12282004-213-561	B444 VIA3 - BIAS POSTENCAP SAMPLE: PASSTHRUS B/W G11-12	<0.1
562	B444-3	201	05Z0662	444-12282004-213-562	B444 VIA3 - BIAS POSTENCAP SAMPLE: PASSTHRUS B/W G12-13	<0.1
563	B444-3	201	05Z0662	444-12282004-213-563	B444 VIA3 - BIAS POSTENCAP SAMPLE N OF PT 221,PASSTHRU	<0.1
564	B444-3	201	05Z0662	444-12282004-213-564	B444 VIA3 - BIAS POSTENCAP SAMPLE S OF PT 221,PASSTHRU	<0.1
565	B444-3	201	05Z0662	444-12282004-213-565	B444 VIA3 - BIAS POSTENCAP SAMPLE,CEILING/TRACK,NE OF G13	<0.1
566	B444-3	201	05Z0662	444-12282004-213-566	B444 VIA3 - BIAS POSTENCAP SAMPLE,CEILING/TRACK,NE OF G13	<0.1
567	B444-3	201	05Z0662	444-12282004-213-567	B444 VIA3 - BIAS POSTENCAP SAMPLE,S/W WALL,NE OF G13	<0.1
568	B444-3	201	05Z0669	444-01032005-01-568	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE #568, CEILING TRACK	<0.1
568	B444-3	201	05Z0662	444-12282004-213-568	B444 VIA3 - BIAS POSTENCAP SAMPLE,CEILING/TRACK,NW OF E13	0.454
569	B444-3	201	05Z0669	444-01032005-01-569	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE #569, CEILING TRACK	<0.1
569	B444-3	201	05Z0662	444-12282004-213-569	B444 VIA3 - BIAS POSTENCAP SAMPLE,CEILING/TRACK,NW OF E13	0.432

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
570	B444-3	201	05Z0662	444-12282004-213-570	B444 VIA3 - BIAS POSTENCAP SAMPLE,S/E WALL,NW OF E13	<0.1
571	B444-3	201	05Z0662	444-12282004-213-571	B444 VIA3 - BIAS POSTENCAP SAMPLE,PASSTHRUS B/W E10-11	<0.1
572	B444-3	201	05Z0662	444-12282004-213-572	VIA3 - BIAS POSTENCAP SAMPLE,PASSTHRUS B/W E10-11	<0.1
573	B444-3	202	05Z0662	444-12282004-213-573	B444 VIA3 - BIAS POSTENCAP SAMPLE,FLOOR,E END	<0.1
574	B444-3	202	05Z0662	444-12282004-213-574	B444 VIA3 - BIAS POSTENCAP SAMPLE,FLOOR,CENTER	<0.1
575	B444-3	202	05Z0662	444-12282004-213-575	B444 VIA3 - BIAS POSTENCAP SAMPLE,FLOOR,W END	<0.1
579	B444-3	201	05Z0665	444-12302004-01-579	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#1)	<0.1
580	B444-3	201	05Z0665	444-12302004-01-580	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#1)	<0.1
581	B444-3	201	05Z0665	444-12302004-01-581	B444 VIA3 - BIAS SAMPLE - SMALL FURNACE OPENING (#1)	<0.1
582	B444-3	201	05Z0665	444-12302004-01-582	B444 VIA3 - BIAS SAMPLE - SMALL FURNACE OPENING (#2)	<0.1
583	B444-3	201	05Z0665	444-12302004-01-583	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#2)	<0.1
584	B444-3	201	05Z0665	444-12302004-01-584	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#2)	<0.1
585	B444-3	201	05Z0665	444-12302004-01-585	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#3)	<0.1
586	B444-3	201	05Z0665	444-12302004-01-586	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#3)	<0.1
587	B444-3	201	05Z0665	444-12302004-01-587	B444 VIA3 - BIAS SAMPLE - SMALL FURNACE OPENING (#3)	<0.1
588	B444-3	201	05Z0665	444-12302004-01-588	B444 VIA3 - BIAS SAMPLE - SMALL FURNACE OPENING (#4)	<0.1
589	B444-3	201	05Z0665	444-12302004-01-589	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#4)	<0.1
590	B444-3	201	05Z0665	444-12302004-01-590	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#4)	<0.1
591	B444-3	201	05Z0665	444-12302004-01-591	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#5)	<0.1
592	B444-3	201	05Z0665	444-12302004-01-592	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#5)	<0.1
593	B444-3	201	05Z0665	444-12302004-01-593	B444 VIA3 - BIAS SAMPLE - SMALL FURNACE OPENING (#5)	<0.1
594	B444-3	201	05Z0665	444-12302004-01-594	B444 VIA3 - BIAS SAMPLE - SMALL FURNACE OPENING (#6)	<0.1
595	B444-3	201	05Z0665	444-12302004-01-595	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#6)	<0.1
596	B444-3	201	05Z0665	444-12302004-01-596	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#6)	<0.1
597	B444-3	201	05Z0665	444-12302004-01-597	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#7)	<0.1
598	B444-3	201	05Z0665	444-12302004-01-598	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#7)	<0.1
599	B444-3	201	05Z0665	444-12302004-01-599	B444 VIA3 - BIAS SAMPLE - SMALL FURNACE OPENING (#7)	<0.1
600	B444-3	201	05Z0665	444-12302004-01-600	B444 VIA3 - BIAS SAMPLE - SMALL FURNACE OPENING (#8)	<0.1
601	B444-3	201	05Z0665	444-12302004-01-601	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#8)	<0.1
602	B444-3	201	05Z0665	444-12302004-01-602	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#8)	<0.1
603	B444-3	201	05Z0665	444-12302004-01-603	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#9)	<0.1
604	B444-3	201	05Z0665	444-12302004-01-604	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#9)	<0.1
605	B444-3	201	05Z0665	444-12302004-01-605	B444 VIA3 - BIAS SAMPLE - SMALL FURNACE OPENING (#9)	<0.1

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Table C-3
VIA 3 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
606	B444-3	201	05Z0665	444-12302004-01-606	B444 VIA3 - BIAS SAMPLE - SMALL FURNACE OPENING (#10)	<0.1
607	B444-3	201	05Z0665	444-12302004-01-607	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#10)	<0.1
608	B444-3	201	05Z0665	444-12302004-01-608	B444 VIA3 - BIAS SAMPLE - LARGE FURNACE OPENING (#10)	<0.1
609	B444-3	202	05Z0669	444-01032005-01-379	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE NE OF #376, CEILING TRACK	<0.1
610	B444-3	202	05Z0669	444-01032005-01-383	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE SE OF #381, CEILING TRACK	<0.1
611	B444-3	202	05Z0669	444-01032005-01-576	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE E OF #378, CEILING	<0.1
612	B444-3	202	05Z0669	444-01032005-01-577	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE W OF #378, CEILING	<0.1
613	B444-3	202	05Z0669	444-01032005-01-578	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE E OF #380, CEILING	<0.1
614	B444-3	202	05Z0669	444-01032005-01-579	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE - FLOOR BELOW #372	<0.1
615	B444-3	202	05Z0669	444-01032005-01-580	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE - FLOOR BELOW #379	<0.1
616	B444-3	202	05Z0669	444-01032005-01-581	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE - FLOOR BELOW #383	<0.1
617	B444-3	201	05Z0669	444-01032005-01-582	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE - FLOOR BELOW #568	<0.1
618	B444-3	201	05Z0669	444-01032005-01-583	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE - FLOOR BELOW #569	<0.1
619	B444-3	201	05Z0669	444-01032005-01-584	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE - FLOOR BELOW #569, S	<0.1
620	B444-3	201	05Z0669	444-01032005-01-585	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE W OF #569, CEILING TRACK	<0.1
621	B444-3	201	05Z0669	444-01032005-01-586	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE E OF #569, CEILING TRACK	<0.1
622	B444-3	201	05Z0669	444-01032005-01-587	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE N OF #568, CEILING TRACK	<0.1
623	B444-3	201	05Z0669	444-01032005-01-588	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE E OF #568, CEILING TRACK	<0.1
624	B444-3	202	05Z0782	444-01092005-01-624	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE - E OF #379, CEILING TRACK	<0.1
625	B444-3	202	05Z0782	444-01092005-01-625	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE - N OF #379, CEILING TRACK	<0.1
626	B444-3	202	05Z0782	444-01092005-01-626	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE - W OF #383, CEILING TRACK	<0.1
627	B444-3	202	05Z0782	444-01092005-01-627	B444 VIA3 - BIAS, POST FIXATIVE SAMPLE - S OF #383, CEILING TRACK	<0.1

Footnotes:

(1) Shaded rows are beryllium results prior to the application of fixative. The unshaded rows are the final "as left" condition sample results. Fixative was applied over all elevated locations as well as extending to the boundaries of clean sample locations surrounding the elevated locations. No further investigation sampling is required.
All initial sample locations above 0.1 ug/100cm2 had fixative applied and were then re-sampled.
Also, additonal biased post-fixative samples were collected in the same general area of the initial elevated sample locations.

(2) Gaps in the sample numbering sequence are acceptable. Some sample numbers were never used. Some sample numbers were elevated, then decontaminated, and then resampled using the same initial sample number or another sample number.

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ATTACHMENT C-4

VIA 4 PDS BERYLLIUM DATA SUMMARIES AND SAMPLE MAPS

INCLUDING THE SUB-FLOOR VENTILATION SYSTEM PDS BERYLLIUM DATA SUMMARIES AND SAMPLE MAPS

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Table C-4
VIA 4 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
1	B444-4	101	05Z0917	444-02092005-313-001	Floor, Post-Fixative, Random	<0.1
2	B444-4	101	05Z0845	444-01242005-01-127	Floor, Pre-Fixative, Random	0.101
2	B444-4	101	05Z0917	444-02092005-313-002	Floor, Post-Fixative, Random	<0.1
3	B444-4	M101B	05Z0917	444-02092005-313-003	Floor, Post-Fixative, Random	<0.1
4	B444-4	101	05Z0917	444-02092005-313-004	Floor, Post-Fixative, Random	<0.1
5	B444-4	101	05Z0917	444-02092005-313-005	Floor, Post-Fixative, Random	<0.1
6	B444-4	101	05Z0917	444-02092005-313-006	Floor, Post-Fixative, Random	<0.1
7	B444-4	101	05Z0917	444-02092005-313-007	Floor, Post-Fixative, Random	<0.1
8	B444-4	101	05Z0845	444-01242005-01-120	Floor, Post-Fixative, Random	<0.1
9	B444-4	M101F	05Z0917	444-02092005-313-009	Floor, Post-Fixative, Random	<0.1
10	B444-4	101	05Z0917	444-02092005-313-010	Floor, Post-Fixative, Random	<0.1
11	B444-4	101	05Z0917	444-02092005-313-011	Floor, Post-Fixative, Random	<0.1
12	B444-4	T101H	05Z0917	444-02092005-313-012	Floor, Post-Fixative, Random	<0.1
13	B444-4	101A	05Z0917	444-02092005-313-013	Floor, Post-Fixative, Random	<0.1
14	B444-4	101	05Z0917	444-02092005-313-014	Floor, Post-Fixative, Random	<0.1
15	B444-4	T101H	05Z0917	444-02092005-313-015	Floor, Post-Fixative, Random	<0.1
16	B444-4	101	05Z0917	444-02092005-313-016	Floor, Post-Fixative, Random	<0.1
17	B444-4	101	05Z0917	444-02092005-313-017	Floor, Post-Fixative, Random	<0.1
18	B444-4	T102A	05Z0917	444-02092005-313-018	Floor, Post-Fixative, Random	<0.1
19	B444-4	101	05Z0845	444-01242005-01-122	Floor, Pre-Fixative, Random	0.108
19	B444-4	101	05Z0917	444-02092005-313-019	Floor, Post-Fixative, Random	<0.1
20	B444-4	101	05Z0917	444-02092005-313-020	Floor, Post-Fixative, Random	<0.1
21	B444-4	M101C	05Z0917	444-02092005-313-021	Floor, Post-Fixative, Random	<0.1
22	B444-4	101	05Z0917	444-02092005-313-022	Floor, Post-Fixative, Random	<0.1
23	B444-4	101	05Z0917	444-02092005-313-023	Floor, Post-Fixative, Random	<0.1
24	B444-4	T101A	05Z0917	444-02092005-313-024	Floor, Post-Fixative, Random	<0.1
25	B444-4	M101D	05Z0917	444-02092005-313-025	Floor, Post-Fixative, Random	<0.1
26	B444-4	101	05Z0917	444-02092005-313-026	Floor, Post-Fixative, Random	<0.1
27	B444-4	101	05Z0917	444-02092005-313-027	Floor, Post-Fixative, Random	<0.1
28	B444-4	101	05Z0917	444-02092005-313-028	Floor, Post-Fixative, Random	<0.1
29	B444-4	101	05Z0917	444-02092005-313-029	Floor, Post-Fixative, Random	<0.1
30	B444-4	M101A	05Z0917	444-02092005-313-030	Floor, Post-Fixative, Random	<0.1
31	B444-4	101	05Z0917	444-02092005-313-031	Floor, Post-Fixative, Random	<0.1

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Table C-4
VIA 4 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
32	B444-4	101K	05Z0917	444-02092005-313-032	Floor, Post-Fixative, Random	<0.1
33	B444-4	101	05Z0917	444-02092005-313-033	Floor, Post-Fixative, Random	<0.1
34	B444-4	101	05Z0917	444-02092005-313-034	Floor, Post-Fixative, Random	<0.1
35	B444-4	M101A	05Z0917	444-02092005-313-035	Floor, Post-Fixative, Random	<0.1
36	B444-4	101	05Z0917	444-02092005-313-036	Floor, Post-Fixative, Random	<0.1
37	B444-4	101	05Z0917	444-02092005-313-037	Floor, Post-Fixative, Random	<0.1
38	B444-4	101	05Z0917	444-02092005-313-038	Floor, Post-Fixative, Random	<0.1
39	B444-4	101	05Z0917	444-02092005-313-039	Floor, Post-Fixative, Random	<0.1
40	B444-4	M101D	05Z0917	444-02092005-313-040	Floor, Post-Fixative, Random	<0.1
41	B444-4	101	05Z0845	444-01242005-01-121	Floor, Pre-Fixative, Random	0.112
41	B444-4	101	05Z0917	444-02092005-313-041	Floor, Post-Fixative, Random	<0.1
42	B444-4	T101A	05Z0917	444-02092005-313-042	Floor, Post-Fixative, Random	<0.1
43	B444-4	101	05Z0917	444-02092005-313-043	Floor, Post-Fixative, Random	<0.1
44	B444-4	101	05Z0917	444-02092005-313-044	Floor, Post-Fixative, Random	<0.1
45	B444-4	T101H	05Z0917	444-02092005-313-045	Floor, Post-Fixative, Random	<0.1
46	B444-4	101	05Z0917	444-02092005-313-046	Floor, Post-Fixative, Random	<0.1
47	B444-4	101	05Z0917	444-02092005-313-047	Floor, Post-Fixative, Random	<0.1
48	B444-4	101	05Z0917	444-02092005-313-048	Floor, Post-Fixative, Random	<0.1
49	B444-4	101	05Z0917	444-02092005-313-049	Floor, Post-Fixative, Random	<0.1
50	B444-4	101	05Z0917	444-02092005-313-050	Floor, Post-Fixative, Random	<0.1
51	B444-4	101	05Z0917	444-02092005-313-051	Floor, Post-Fixative, Random	<0.1
52	B444-4	101	05Z0917	444-02092005-313-052	Floor, Post-Fixative, Random	<0.1
53	B444-4	101	05Z0917	444-02092005-313-053	Floor, Post-Fixative, Random	<0.1
54	B444-4	M101E	05Z0917	444-02092005-313-054	Floor, Post-Fixative, Random	<0.1
55	B444-4	101D	05Z0917	444-02092005-313-055	Floor, Post-Fixative, Random	<0.1
56	B444-4	101	05Z0917	444-02092005-313-056	Floor, Post-Fixative, Random	<0.1
57	B444-4	101	05Z0917	444-02092005-313-057	Floor, Post-Fixative, Random	<0.1
58	B444-4	M101B	05Z0917	444-02092005-313-058	Floor, Post-Fixative, Random	<0.1
59	B444-4	101	05Z0917	444-02092005-313-059	Floor, Post-Fixative, Random	<0.1
60	B444-4	101	05Z0917	444-02092005-313-060	Floor, Post-Fixative, Random	<0.1
61	B444-4	101	05Z0917	444-02092005-313-061	Floor, Post-Fixative, Random	<0.1
62	B444-4	101	05Z0917	444-02092005-313-062	Floor, Post-Fixative, Random	<0.1
63	B444-4	101	05Z0917	444-02092005-313-063	Floor, Post-Fixative, Random	<0.1

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Table C-4
VIA 4 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
64	B444-4	101	05Z0917	444-02092005-313-064	Floor, Post-Fixative, Random	<0.1
65	B444-4	101	05Z0917	444-02092005-313-065	Floor, Post-Fixative, Random	<0.1
66	B444-4	101	05Z0917	444-02092005-313-066	Floor, Post-Fixative, Random	<0.1
67	B444-4	101	05Z0917	444-02092005-313-067	Floor, Post-Fixative, Random	<0.1
68	B444-4	M101F	05Z0917	444-02092005-313-068	Floor, Post-Fixative, Random	<0.1
69	B444-4	101R	05Z0917	444-02092005-313-069	Floor, Post-Fixative, Random	<0.1
70	B444-4	T101H	05Z0917	444-02092005-313-070	Floor, Post-Fixative, Random	<0.1
71	B444-4	101	05Z0917	444-02092005-313-071	Floor, Post-Fixative, Random	<0.1
72	B444-4	101	05Z0917	444-02092005-313-072	Floor, Post-Fixative, Random	<0.1
73	B444-4	101	05Z0917	444-02092005-313-073	Floor, Post-Fixative, Random	<0.1
74	B444-4	101	05Z0917	444-02092005-313-074	Floor, Post-Fixative, Random	<0.1
75	B444-4	T101H	05Z0917	444-02092005-313-075	Floor, Post-Fixative, Random	<0.1
101	B444-4	M101A	05Z0845	444-01242005-01-101	Ceiling Track, Pre-Fixative, Bias	<0.1
102	B444-4	101	05Z0845	444-01242005-01-102	Ceiling Track, Pre-Fixative, Bias	<0.1
103	B444-4	101	05Z0845	444-01242005-01-103	Metal Anchor in Wall, Pre-Fixative, Bias	<0.1
104	B444-4	101	05Z0845	444-01242005-01-104	Ceiling Track, Pre-Fixative, Bias	<0.1
105	B444-4	101	05Z0845	444-01242005-01-105	Roof Drain and Hanger, Pre-Fixative, Bias	0.494
105	B444-4	101	05Z0917	444-02092005-313-105	Roof Drain and Hanger, Post-Fixative, Bias	<0.1
106	B444-4	M101C	05Z0845	444-01242005-01-106	Ceiling Beam, Pre-Fixative, Bias	<0.1
107	B444-4	M101D	05Z0845	444-01242005-01-107	Hanger in Ceiling, Pre-Fixative, Bias	0.21
107	B444-4	M101D	05Z0917	444-02092005-313-107	Hanger in Ceiling, Post-Fixative, Bias	<0.1
108	B444-4	M101E	05Z0845	444-01242005-01-108	Roof Drain and Hanger, Pre-Fixative, Bias	<0.1
109	B444-4	101	05Z0845	444-01242005-01-109	Roof Drain and Hanger, Pre-Fixative, Bias	0.192
109	B444-4	101	05Z0917	444-02092005-313-109	Roof Drain and Hanger, Post-Fixative, Bias	<0.1
110	B444-4	101	05Z0845	444-01242005-01-110	Ceiling Track, Pre-Fixative, Bias	<0.1
111	B444-4	101	05Z0845	444-01242005-01-111	Metal Bracket on Ceiling Beam, Pre-Fixative, Bias	0.425
111	B444-4	101	05Z0917	444-02092005-313-111	Metal Bracket on Ceiling Beam, Post-Fixative, Bias	<0.1
112	B444-4	101B	05Z0845	444-01242005-01-112	Vent Pipe, Pre-Fixative, Bias	<0.1
113	B444-4	101D	05Z0845	444-01242005-01-113	Concrete Wall Mount, Pre-Fixative, Bias	0.157
113	B444-4	101D	05Z0917	444-02092005-313-113	Concrete Wall Mount, Pos-Fixative, Bias	<0.1
114	B444-4	101	05Z0845	444-01242005-01-114	Wall Penetration for Duct, Pre-Fixative, Bias	<0.1
115	B444-4	101	05Z0845	444-01242005-01-115	Wall Penetration for Duct, Pre-Fixative, Bias	0.498
115	B444-4	101	05Z0917	444-02092005-313-115	Wall Penetration for Duct, Post-Fixative, Bias	<0.1

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Table C-4
VIA 4 Beryllium Summary Table
Room 101/107 Sub-Floor Exhaust Ducts

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm²)
74	4	101	05Z0885	444-01312005-313-074	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 74, Bias	0.705
75	4	101	05Z0784	444-01112005-213-075	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 75	20.4
75	4	101	05Z0885	444-01312005-313-075	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 75, Bias	0.462
76	4	101	05Z0784	444-01112005-213-076	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 76	8
77	4	101	05Z0784	444-01112005-213-077	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 77	3.08
78	4	101	05Z0784	444-01112005-213-078	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 78	16.16
79	4	101	05Z0784	444-01112005-213-079	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 79	39.8
80	4	101	05Z0784	444-01112005-213-080	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 80	52.8
81	4	101	05Z0784	444-01112005-213-081	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 81	33.16
82	4	101	05Z0784	444-01112005-213-082	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 82	32.88
82	4	101	05Z0885	444-01312005-313-082	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 82, Bias	1
83	4	101	05Z0784	444-01112005-213-083	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 83	56.8
83	4	101	05Z0885	444-01312005-313-083	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 83, Bias	2.2
84	4	101	05Z0784	444-01112005-213-084	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 84	92.4
84	4	101	05Z0885	444-01312005-313-084	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 84, Bias	4.04
84	4	107	05Z0921	444-02092005-500-084	Floor Duct/Vent System, Post-Fixative, Bias	<0.1
85	4	101	05Z0784	444-01112005-213-085	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 85	24.56
85	4	101	05Z0885	444-01312005-313-085	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 85, Bias	8.78
86	4	101	05Z0784	444-01112005-213-086	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 86	4.84
708	4	101	05Z0882	444-01292005-313-708	Duct, Inlet Surface, Pre-fixative, near #69	0.162
708	4	107	05Z0921	444-02092005-500-708	Floor Surface Around Floor Exhaust Inlet # 69 Re-Wipe, Post-Fixative, Bias	<0.1
709	4	101	05Z0882	444-01292005-313-709	Duct, Inlet Surface, Pre-fixative, near #8	0.352
709	4	107	05Z0921	444-02092005-500-709	Floor Surface Around Floor Exhaust Inlet # 8 Re-Wipe, Post-Fixative, Bias	<0.1

Footnotes:

1. The initial series of "shaded" samples 444-01112005-213-001 through 444-01112005-213-086 were collected **PRE-WASH** (RIN 05Z0784).
2. PRE-WASH shaded beryllium results reported in Table C-4 are shown as 4X the lab result to reflect the 25cm2 wipe (RIN 05Z0784).
3. All samples are "Bias" due to the physical nature and limitations of the exhaust system.
4. A set of 26 samples were collected as Post-Power Wash / Pre-Fixative; the sample numbers are italicized (RIN 05Z0885).
5. A set of 5 samples were collected as Post-Fixative; the sample numbers are in bold (RIN 05Z0921).
6. After fixatives were applied, the entire sub-floor exhaust system was filled with flow-fill, to further immobilize any remaining loose beryllium. No further investigation sampling is required.
7. Gaps in the sample numbering sequence are acceptable. Some sample numbers were never used. Some sample numbers were elevated, then decontaminated, and then resampled using the same initial sample number or another sample number.
8. Some of the sub-floor ducting is located under Room 107 floor, which is technically within VIA 5, however for purposes of reporting ease, all sub-floor ducting beryllium results are reported in this VIA 4 summary table.

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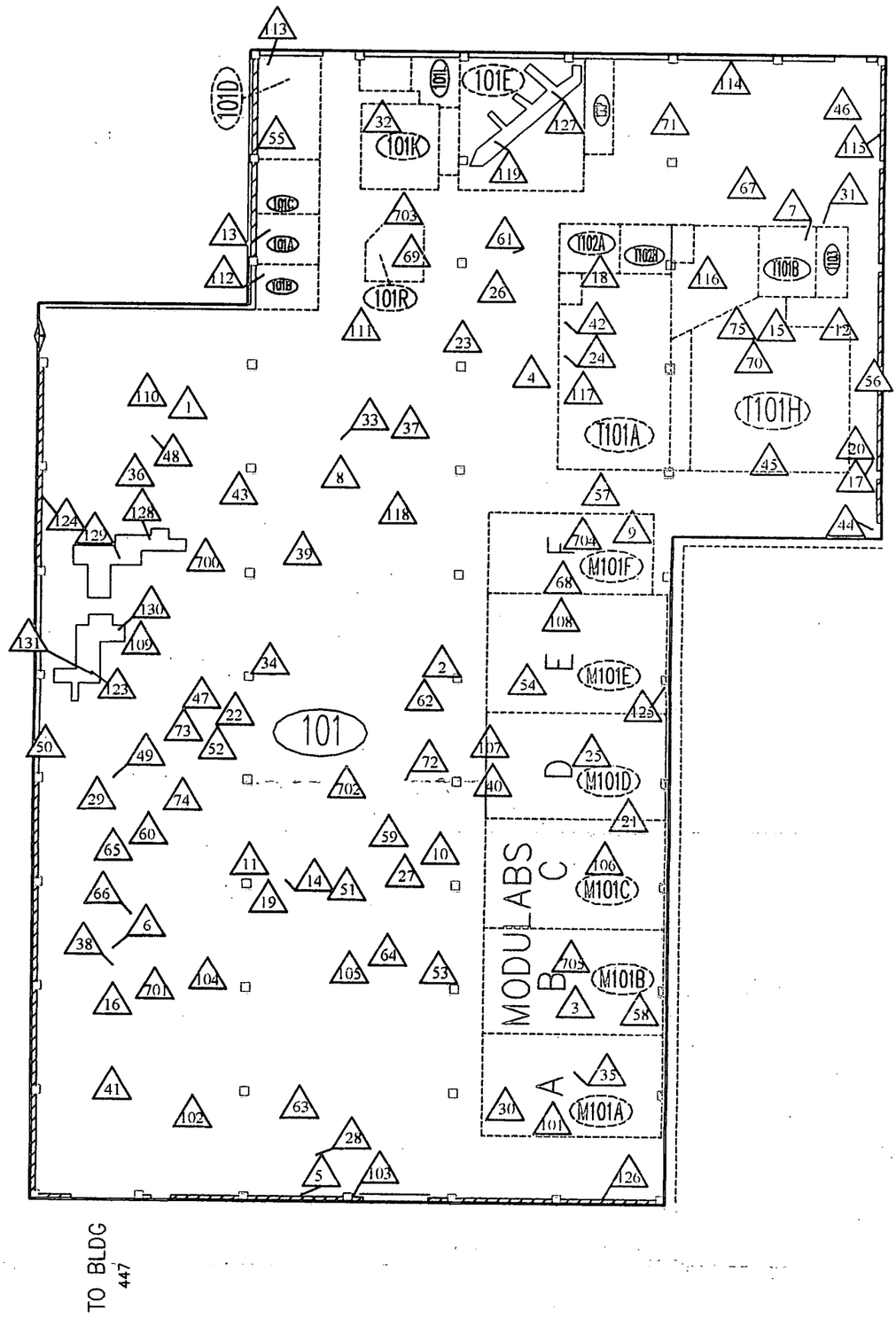
PDS BERYLLIUM SAMPLE MAP

BLDG: B444 Survey Area: VIA-4 Survey Unit: N/A Classification: N/A

Survey Area/Unit Description: VIA-4

Floor Area: 2,990 sq.m Total Area: N/A Grid Spacing for Survey Area: N/A



SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- ------ Exterior Wall Removed
- ------ Interior Wall Removed

N

0 FEET 24

0 METERS 8

1 inch = 24 feet

1 grid sq. = 1 sq. m.

U.S. Department of Energy

Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC. A Jacobs Engineering Group Company

Prepared for: KAISER HILL

File Name: B444_VIA-4_Be.DWG | Sheet 1 of 1 | Rev: 2

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Table C-4
VIA 4 Beryllium Summary Table
Room 101/107 Sub-Floor Exhaust Ducts

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
1	4	101	05Z0784	444-01112005-213-001	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 1	1.368
2	4	101	05Z0784	444-01112005-213-002	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 2	11.44
2	4	101	05Z0885	444-01312005-313-002	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 2, Bias	<0.1
3	4	101	05Z0784	444-01112005-213-003	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 3	0.804
4	4	101	05Z0784	444-01112005-213-004	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 4	4.68
5	4	101	05Z0784	444-01112005-213-005	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 5	11
6	4	101	05Z0784	444-01112005-213-006	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 6	2.42
7	4	101	05Z0784	444-01112005-213-007	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 7	22.8
8	4	107	05Z0784	444-01112005-213-008	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 8	3,316
8	4	107	05Z0885	444-01312005-313-008	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 8, Bias	2
9	4	107	05Z0784	444-01112005-213-009	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 9	334
9	4	107	05Z0885	444-01312005-313-009	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 9, Bias	0.904
10	4	107	05Z0784	444-01112005-213-010	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 10	52
11	4	107	05Z0784	444-01112005-213-011	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 11	16.92
12	4	107	05Z0784	444-01112005-213-012	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 12	78.8
13	4	107	05Z0784	444-01112005-213-013	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 13	241.2
13	4	107	05Z0885	444-01312005-313-013	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 13, Bias	1.11
14	4	107	05Z0784	444-01112005-213-014	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 14	63.2
15	4	107	05Z0784	444-01112005-213-015	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 15	47.6
16	4	107	05Z0784	444-01112005-213-016	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 16	109.2
17	4	107	05Z0784	444-01112005-213-017	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 17	78.8
18	4	107	05Z0784	444-01112005-213-018	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 18	42.4
19	4	107	05Z0784	444-01112005-213-019	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 19	59.6
19	4	107	05Z0885	444-01312005-313-019	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 19, Bias	1.38
20	4	107	05Z0784	444-01112005-213-020	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 20	140.4
20	4	107	05Z0885	444-01312005-313-020	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 20, Bias	0.102
21	4	101	05Z0784	444-01112005-213-021	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 21	8.2
22	4	101	05Z0784	444-01112005-213-022	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 22	3.736
23	4	101	05Z0784	444-01112005-213-023	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 23	<0.4
24	4	101	05Z0784	444-01112005-213-024	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 24	23.48
24	4	101	05Z0885	444-01312005-313-024	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 24, Bias	<0.1
25	4	101	05Z0784	444-01112005-213-025	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 25	7.56

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Table C-4
VIA 4 Beryllium Summary Table
Room 101/107 Sub-Floor Exhaust Ducts

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
26	4	101	05Z0784	444-01112005-213-026	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 26	106
26	4	101	05Z0885	444-01312005-313-026	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 26, Bias	0.738
27	4	101	05Z0784	444-01112005-213-027	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 27	48.8
28	4	101	05Z0784	444-01112005-213-028	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 28	6.36
29	4	101	05Z0784	444-01112005-213-029	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 29	13.32
30	4	101	05Z0784	444-01112005-213-030	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 30	9.72
31	4	101	05Z0784	444-01112005-213-031	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 31	7.52
31	4	101	05Z0921	444-02092005-500-031	Floor Duct/Vent System, Post-Fixative, Bias	<0.1
32	4	101	05Z0784	444-01112005-213-032	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 32	2.012
33	4	101	05Z0784	444-01112005-213-033	FLOOR DUCT/VENT SYSTEM, CHARACTERIZATION, DUCT# 33	3.384
34	4	101	05Z0784	444-01112005-213-034	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 34	5
35	4	101	05Z0784	444-01112005-213-035	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 35	6
36	4	101	05Z0784	444-01112005-213-036	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 36	5.68
37	4	101	05Z0784	444-01112005-213-037	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 37	12.28
37	4	101	05Z0885	444-01312005-313-037	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 37, Bias	<0.1
38	4	101	05Z0784	444-01112005-213-038	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 38	2.1
39	4	101	05Z0784	444-01112005-213-039	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 39	17.44
39	4	101	05Z0885	444-01312005-313-039	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 39, Bias	<0.1
40	4	101	05Z0784	444-01112005-213-040	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 40	6.16
41	4	101	05Z0784	444-01112005-213-041	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 41	0.904
42	4	101	05Z0784	444-01112005-213-042	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 42	3.724
43	4	101	05Z0784	444-01112005-213-043	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 43	42
43	4	101	05Z0885	444-01312005-313-043	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 43, Bias	<0.1
44	4	101	05Z0784	444-01112005-213-044	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 44	6.44
45	4	101	05Z0784	444-01112005-213-045	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 45	4.84
46	4	101	05Z0784	444-01112005-213-046	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 46	12.8
46	4	101	05Z0885	444-01312005-313-046	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 46, Bias	<0.1
47	4	101	05Z0784	444-01112005-213-047	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 47	9.48
48	4	101	05Z0784	444-01112005-213-048	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 48	20.84
49	4	101	05Z0784	444-01112005-213-049	FLOOR DUCT/VENT SYSTEM, CHARACTERIZATION, DUCT# 49	6.96
50	4	101	05Z0784	444-01112005-213-050	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 50	2.108
51	4	101	05Z0784	444-01112005-213-051	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 51	3.368

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Table C-4
VIA 4 Beryllium Summary Table
Room 101/107 Sub-Floor Exhaust Ducts

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
51	4	101	05Z0885	444-01312005-313-051	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 51, Bias	<0.1
52	4	101	05Z0784	444-01112005-213-052	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 52	3.736
53	4	101	05Z0784	444-01112005-213-053	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 53	2.936
54	4	101	05Z0784	444-01112005-213-054	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 54	1.128
55	4	101	05Z0784	444-01112005-213-055	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 55	6.28
56	4	101	05Z0784	444-01112005-213-056	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 56	6.2
57	4	101	05Z0784	444-01112005-213-057	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 57	4.24
58	4	101	05Z0784	444-01112005-213-058	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 58	5.16
59	4	101	05Z0784	444-01112005-213-059	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 59	24.08
59	4	101	05Z0885	444-01312005-313-059	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 59, Bias	0.221
60	4	101	05Z0784	444-01112005-213-060	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 60	6.48
61	4	101	05Z0784	444-01112005-213-061	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 61	9.44
62	4	101	05Z0784	444-01112005-213-062	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 62	108
62	4	101	05Z0885	444-01312005-313-062	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 62, Bias	1.6
63	4	101	05Z0784	444-01112005-213-063	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 63	252.4
63	4	101	05Z0885	444-01312005-313-063	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 63, Bias	9.72
64	4	101	05Z0784	444-01112005-213-064	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 64	29.12
65	4	101	05Z0784	444-01112005-213-065	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 65	31.28
66	4	101	05Z0784	444-01112005-213-066	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 66	14.2
67	4	101	05Z0784	444-01112005-213-067	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 67	49.2
68	4	101	05Z0784	444-01112005-213-068	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 68	51.6
69	4	101	05Z0784	444-01112005-213-069	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 69	408
69	4	101	05Z0885	444-01312005-313-069	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 69, Bias	0.4
69	4	107	05Z0921	444-02092005-500-069	Floor Duct/Vent System, Post-Fixative, Bias	<0.1
70	4	101	05Z0784	444-01112005-213-070	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 70	124.8
70	4	101	05Z0885	444-01312005-313-070	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 70, Bias	0.887
71	4	101	05Z0784	444-01112005-213-071	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 71	326
71	4	101	05Z0885	444-01312005-313-071	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 71, Bias	2.05
72	4	101	05Z0784	444-01112005-213-072	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 72	3.868
73	4	101	05Z0784	444-01112005-213-073	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 73	33.84
73	4	101	05Z0885	444-01312005-313-073	Floor Duct/Vent System Characterization, Post-Power Wash, Duct # 73, Bias	2.56
74	4	101	05Z0784	444-01112005-213-074	FLOOR DUCT/VENT SYSTEM CHARACTERIZATION, DUCT# 74	26.96

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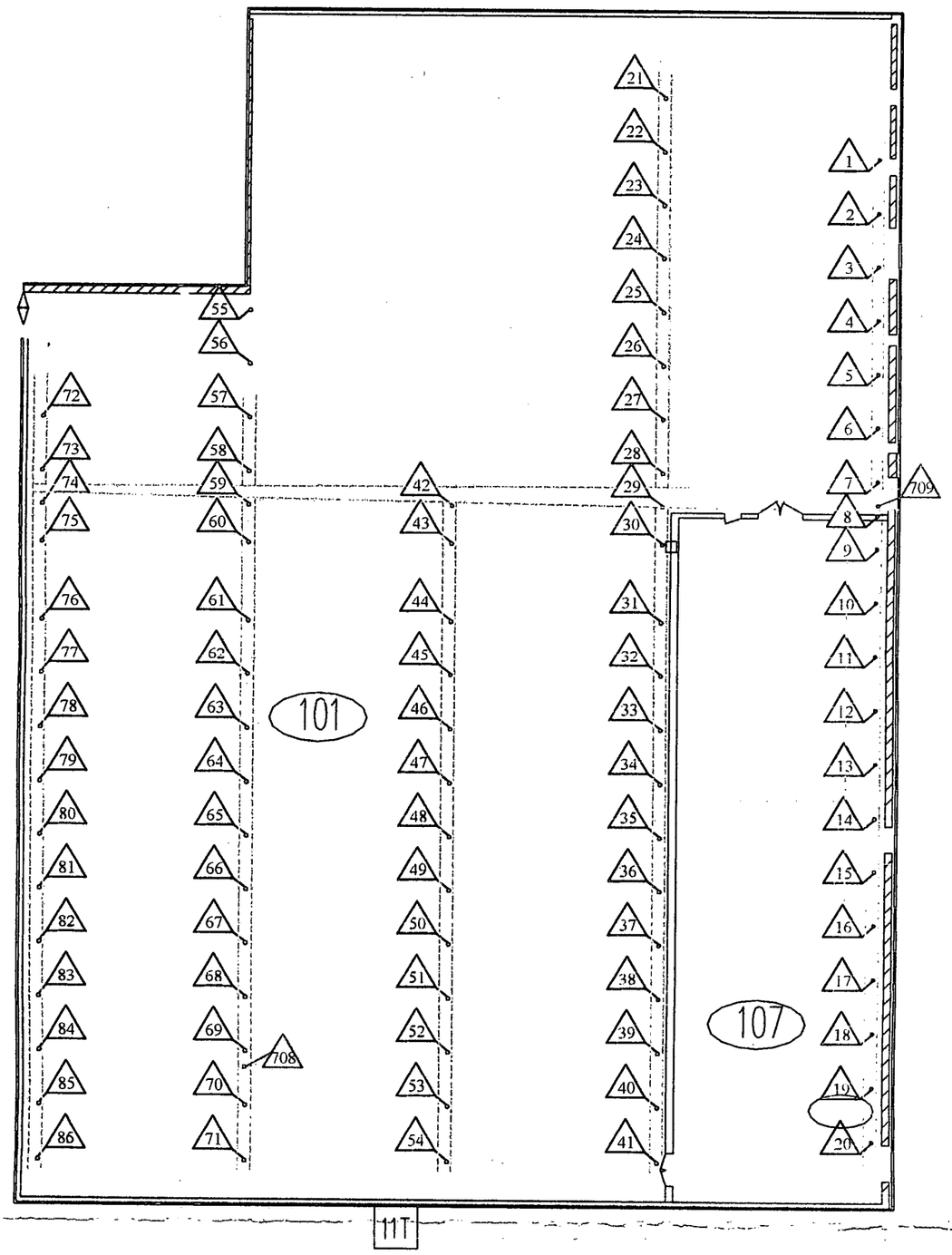
PDS BERYLLIUM SAMPLE MAP

BLDG: B444 Survey Area: VIA-4 & VIA-5 Survey Unit: N/A Classification: N/A

Survey Area/Unit Description: VIA-4 & VIA-5 Under Floor Ventilation Ducts

Floor Area: N/A Total Area: N/A Grid Spacing for Survey Area: N/A



SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Under Floor Ducts

N

0 FEET 24

0 METERS 8

1 inch = 24 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC. A Lockheed Engineering Group Company

Prepared for: KAISER HILL

File Name: B444 VIA-4 Ducts Be.DWG | Sheet 1 of 1 | Rev: 1

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ATTACHMENT C-5

VIA 5 PDS BERYLLIUM DATA SUMMARIES AND SAMPLE MAPS

Table C-5
VIA 5 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
1	B444-5	109A	05Z0789	444-01172005-213-001	Floor, Post-Fixative, Random	<0.1
2	B444-5	109	05Z0789	444-01172005-213-002	Floor, Post-Fixative, Random	<0.1
3	B444-5	107	05Z0918	444-02092005-26-003	Floor, Post-Fixative, Random	<0.1
4	B444-5	107B	05Z0918	444-02092005-26-004	Floor, Post-Fixative, Random	<0.1
5	B444-5	103B	05Z0918	444-02092005-26-005	Floor, Post-Fixative, Random	<0.1
6	B444-5	103A	05Z0918	444-02092005-26-006	Floor, Post-Fixative, Random	<0.1
7	B444-5	104B	05Z0789	444-01172005-213-007	Floor, Post-Fixative, Random	<0.1
8	B444-5	107	05Z0918	444-02092005-26-008	Floor, Post-Fixative, Random	<0.1
9	B444-5	103	05Z0918	444-02092005-26-009	Floor, Post-Fixative, Random	<0.1
10	B444-5	109	05Z0789	444-01172005-213-010	Floor, Post-Fixative, Random	<0.1
11	B444-5	107	05Z0918	444-02092005-26-011	Floor, Post-Fixative, Random	<0.1
12	B444-5	109A	05Z0781	444-01062005-213-129	Floor, Pre-Fixative, Random	0.269
12	B444-5	109A	05Z0789	444-01172005-213-012	Floor, Post-Fixative, Random	<0.1
13	B444-5	107	05Z0844	444-01242005-01-241	Floor, Pre-Fixative, Random	0.377
13	B444-5	107	05Z0918	444-02092005-26-013	Floor, Post-Fixative, Random	<0.1
14	B444-5	109A	05Z0789	444-01172005-213-014	Floor, Post-Fixative, Random	<0.1
15	B444-5	109	05Z0789	444-01172005-213-015	Floor, Post-Fixative, Random	<0.1
16	B444-5	106	05Z0789	444-01172005-213-016	Floor, Post-Fixative, Random	<0.1
17	B444-5	109	05Z0789	444-01172005-213-017	Floor, Post-Fixative, Random	<0.1
18	B444-5	107	05Z0918	444-02092005-26-018	Floor, Post-Fixative, Random	<0.1
19	B444-5	106	05Z0789	444-01172005-213-019	Floor, Post-Fixative, Random	<0.1
20	B444-5	109	05Z0789	444-01172005-213-020	Floor, Post-Fixative, Random	<0.1
21	B444-5	104B	05Z0789	444-01172005-213-021	Floor, Post-Fixative, Random	<0.1
22	B444-5	107	05Z0918	444-02092005-26-022	Floor, Post-Fixative, Random	<0.1
23	B444-5	107	05Z0918	444-02092005-26-023	Floor, Post-Fixative, Random	<0.1
24	B444-5	109	05Z0918	444-02092005-26-024	Floor, Post-Fixative, Random	<0.1
25	B444-5	109	05Z0789	444-01172005-213-025	Floor, Post-Fixative, Random	<0.1
26	B444-5	106	05Z0789	444-01172005-213-026	Floor, Post-Fixative, Random	<0.1
27	B444-5	107	05Z0918	444-02092005-26-027	Floor, Post-Fixative, Random	<0.1
28	B444-5	109	05Z0789	444-01172005-213-028	Floor, Post-Fixative, Random	<0.1
29	B444-5	106	05Z0789	444-01172005-213-029	Floor, Post-Fixative, Random	<0.1

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Table C-5
VIA 5 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
30	B444-5	109	05Z0918	444-02092005-26-030	Floor, Post-Fixative, Random	<0.1
31	B444-5	103A	05Z0789	444-01172005-213-031	Floor, Post-Fixative, Random	<0.1
32	B444-5	118	05Z0667	444-12302004-213-032	Floor, Pre-Fixative, Random	<0.1
33	B444-5	109	05Z0789	444-01172005-213-033	Floor, Post-Fixative, Random	<0.1
34	B444-5	106B	05Z0789	444-01172005-213-033	Floor, Post-Fixative, Random	<0.1
35	B444-5	107	05Z0918	444-02092005-26-035	Floor, Post-Fixative, Random	<0.1
36	B444-5	104	05Z0789	444-01172005-213-036	Floor, Post-Fixative, Random	<0.1
37	B444-5	107	05Z0918	444-02092005-26-037	Floor, Post-Fixative, Random	<0.1
38	B444-5	107	05Z0918	444-02092005-26-038	Floor, Post-Fixative, Random	<0.1
39	B444-5	109	05Z0789	444-01172005-213-039	Floor, Post-Fixative, Random	<0.1
40	B444-5	104B	05Z0789	444-01172005-213-040	Floor, Post-Fixative, Random	<0.1
41	B444-5	103A	05Z0918	444-02092005-26-041	Floor, Post-Fixative, Random	<0.1
42	B444-5	109	05Z0789	444-01172005-213-042	Floor, Post-Fixative, Random	<0.1
43	B444-5	104B	05Z0789	444-01172005-213-043	Floor, Post-Fixative, Random	<0.1
44	B444-5	109	05Z0918	444-02092005-26-044	Floor, Post-Fixative, Random	<0.1
45	B444-5	107	05Z0918	444-02092005-26-045	Floor, Post-Fixative, Random	<0.1
46	B444-5	109A	05Z0789	444-01172005-213-046	Floor, Post-Fixative, Random	<0.1
47	B444-5	109	05Z0789	444-01172005-213-047	Floor, Post-Fixative, Random	<0.1
48	B444-5	109	05Z0918	444-02092005-26-048	Floor, Post-Fixative, Random	<0.1
49	B444-5	109	05Z0789	444-01172005-213-049	Floor, Post-Fixative, Random	<0.1
50	B444-5	109	05Z0789	444-01172005-213-050	Floor, Post-Fixative, Random	<0.1
51	B444-5	103	05Z0844	444-01242005-01-239	Floor, Pre-Fixative, Random	0.113
51	B444-5	103	05Z0918	444-02092005-26-051	Floor, Post-Fixative, Random	<0.1
52	B444-5	118	05Z0667	444-12302004-213-052	Floor, Pre-Fixative, Random	<0.1
53	B444-5	107	05Z0918	444-02092005-26-053	Floor, Post-Fixative, Random	<0.1
54	B444-5	113	05Z0667	444-12302004-213-054	Floor, Pre-Fixative, Random	<0.1
55	B444-5	109A	05Z0789	444-01172005-213-050	Floor, Post-Fixative, Random	<0.1
56	B444-5	107	05Z0844	444-01242005-01-240	Floor, Pre-Fixative, Random	0.925
56	B444-5	107	05Z0918	444-02092005-26-056	Floor, Post-Fixative, Random	<0.1
57	B444-5	113	05Z0667	444-12302004-213-057	Floor, Pre-Fixative, Random	<0.1
58	B444-5	109	05Z0789	444-01172005-213-058	Floor, Post-Fixative, Random	<0.1

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Table C-5
VIA 5 Beryllium Data Summary

Sample Map Location.#	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
59	B444-5	109	05Z0789	444-01172005-213-059	Floor, Post-Fixative, Random	<0.1
60	B444-5	103A	05Z0789	444-01172005-213-060	Floor, Post-Fixative, Random	<0.1
61	B444-5	107	05Z0918	444-02092005-26-061	Floor, Post-Fixative, Random	<0.1
62	B444-5	113	05Z0667	444-12302004-213-062	Floor, Pre-Fixative, Random	<0.1
63	B444-5	109	05Z0918	444-02092005-26-063	Floor, Post-Fixative, Random	<0.1
64	B444-5	104	05Z0789	444-01172005-213-064	Floor, Post-Fixative, Random	<0.1
65	B444-5	118	05Z0667	444-12302004-213-065	Floor, Pre-Fixative, Bias	<0.1
66	B444-5	118	05Z0667	444-12302004-213-066	Floor, Pre-Fixative, Bias	<0.1
67	B444-5	118	05Z0667	444-12302004-213-067	Floor, Pre-Fixative, Bias	<0.1
68	B444-5	118	05Z0667	444-12302004-213-068	Floor, Pre-Fixative, Bias	<0.1
69	B444-5	118	05Z0667	444-12302004-213-069	Floor, Pre-Fixative, Bias	<0.1
70	B444-5	118	05Z0667	444-12302004-213-070	Floor, Pre-Fixative, Bias	<0.1
71	B444-5	118	05Z0667	444-12302004-213-071	Floor, Pre-Fixative, Bias	<0.1
72	B444-5	118	05Z0667	444-12302004-213-072	Floor, Pre-Fixative, Bias	<0.1
73	B444-5	118	05Z0667	444-12302004-213-073	Floor Penetration for Pipe, Pre-Fixative, Bias	0.141
73	B444-5	118	05Z0789	444-01172005-213-073	Floor Penetration for Pipe, Post-Fixative, Bias	<0.1
74	B444-5	118	05Z0667	444-12302004-213-074	Floor Penetration for Pipe, Pre-Fixative, Bias	<0.1
75	B444-5	118	05Z0667	444-12302004-213-075	Floor Penetration for Pipe, Pre-Fixative, Bias	<0.1
76	B444-5	118	05Z0667	444-12302004-213-076	Floor Penetration for Pipe, Pre-Fixative, Bias	<0.1
77	B444-5	113	05Z0667	444-12302004-213-077	Floor, Pre-Fixative, Bias	<0.1
78	B444-5	113	05Z0667	444-12302004-213-078	Floor, Pre-Fixative, Bias	<0.1
79	B444-5	113	05Z0667	444-12302004-213-079	Floor, Pre-Fixative, Bias	<0.1
80	B444-5	113	05Z0667	444-12302004-213-080	Floor, Pre-Fixative, Bias	<0.1
81	B444-5	113	05Z0667	444-12302004-213-081	Floor, Pre-Fixative, Bias	<0.1
82	B444-5	113	05Z0667	444-12302004-213-082	Floor, Pre-Fixative, Bias	<0.1
83	B444-5	113A	05Z0667	444-12302004-213-083	Floor, Pre-Fixative, Bias	<0.1
84	B444-5	113	05Z0667	444-12302004-213-084	Floor, Pre-Fixative, Bias	<0.1
85	B444-5	113	05Z0667	444-12302004-213-085	Wall of Elevator, Pre-Fixative, Bias	<0.1
86	B444-5	118	05Z0667	444-12302004-213-086	Wall, Pre-Fixative, Bias	<0.1
87	B444-5	118	05Z0667	444-12302004-213-087	Wall, Pre-Fixative, Bias	<0.1
88	B444-5	118	05Z0667	444-12302004-213-088	Transite and Frame, Pre-Fixative, Bias	<0.1

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Table C-5
VIA 5 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
89	B444-5	113A	05Z0667	444-12302004-213-089	Wall, Pre-Fixative, Bias	<0.1
90	B444-5	113	05Z0667	444-12302004-213-090	Ceiling Track, Pre-Fixative, Bias	<0.1
91	B444-5	113	05Z0667	444-12302004-213-091	Ceiling Track, Pre-Fixative, Bias	<0.1
92	B444-5	113	05Z0667	444-12302004-213-092	Ceiling Track, Pre-Fixative, Bias	<0.1
93	B444-5	113	05Z0667	444-12302004-213-093	Wall Penetration, Pre-Fixative, Bias	0.457
93	B444-5	113	05Z0789	444-01172005-213-093	Wall Penetration, Post-Fixative, Bias	<0.1
94	B444-5	118	05Z0667	444-12302004-213-094	Track Penetration, North, Pre-Fixative, Bias	<0.1
95	B444-5	118	05Z0667	444-12302004-213-095	Track Penetration, South, Pre-Fixative, Bias	<0.1
96	B444-5	118	05Z0667	444-12302004-213-096	Ceiling Track, Pre-Fixative, Bias	<0.1
97	B444-5	118	05Z0667	444-12302004-213-097	Ceiling Track, Pre-Fixative, Bias	<0.1
98	B444-5	118	05Z0667	444-12302004-213-098	Ceiling Track, Pre-Fixative, Bias	<0.1
99	B444-5	118	05Z0667	444-12302004-213-099	Wall Penetration, Pre-Fixative, Bias	<0.1
100	B444-5	118	05Z0667	444-12302004-213-100	Ceiling Track, Pre-Fixative, Bias	<0.1
101	B444-5	118	05Z0667	444-12302004-213-101	Ceiling Track, Pre-Fixative, Bias	<0.1
102	B444-5	113	05Z0667	444-12302004-213-102	Ceiling Track, Pre-Fixative, Bias	<0.1
103	B444-5	113A	05Z0667	444-12302004-213-103	Ceiling Track, Pre-Fixative, Bias	<0.1
104	B444-5	113	05Z0667	444-12302004-213-104	Ceiling Track, Pre-Fixative, Bias	<0.1
105	B444-5	113	05Z0667	444-12302004-213-105	Ceiling Track, Pre-Fixative, Bias	<0.1
106	B444-5	113	05Z0667	444-12302004-213-106	Center Support Beam, West End, Pre-Fixative, Bias	<0.1
107	B444-5	118	05Z0667	444-12302004-213-107	Center Support Beam, East End, Pre-Fixative, Bias	<0.1
111	B444-5	109	05Z0781	444-01062005-213-111	Ceiling Track, Pre-Fixative, Bias	0.107
111	B444-5	109	05Z0918	444-02092005-26-111	Ceiling Track, Post-Fixative, Bias	<0.1
112	B444-5	109	05Z0781	444-01062005-213-112	Ceiling Track, Pre-Fixative, Bias	<0.1
113	B444-5	109	05Z0781	444-01062005-213-113	Ceiling Track, Pre-Fixative, Bias	<0.1
114	B444-5	109	05Z0781	444-01062005-213-114	Ceiling Track, Pre-Fixative, Bias	<0.1
115	B444-5	109A	05Z0781	444-01062005-213-115	Angle Iron Ceiling Track, Pre-Fixative, Bias	0.712
115	B444-5	109A	05Z0789	444-01172005-213-169	Angle Iron Ceiling Track, Post-Fixative, Bias	<0.1
115	B444-5	109A	05Z0839	444-01212005-213-169	Angle Iron Ceiling Track, Post-Fixative, Bias	<0.1
116	B444-5	109A	05Z0781	444-01062005-213-116	Ceiling Track, Pre-Fixative, Bias	0.309
116	B444-5	109A	05Z0789	444-01172005-213-168	Ceiling Track, Post-Fixative, Bias	0.409
116	B444-5	109A	05Z0839	444-01212005-213-168	Ceiling Track, Post-Fixative, Bias	<0.1

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Table C-5
VIA 5 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
117	B444-5	106	05Z0781	444-01062005-213-117	Ceiling Track, Pre-Fixative, Bias	0.97
117	B444-5	104D	05Z0789	444-01172005-213-162	Ceiling Track, Post-Fixative, Bias	<0.1
118	B444-5	106	05Z0781	444-01062005-213-118	Ceiling Track, Pre-Fixative, Bias	1.44
118	B444-5	106	05Z0789	444-01172005-213-163	Ceiling Track, Post-Fixative, Bias	1.26
118	B444-5	106	05Z0918	444-02092005-26-118	Ceiling Track, Post-Fixative, Bias	<0.1
119	B444-5	104	05Z0781	444-01062005-213-119	Ceiling Track, Pre-Fixative, Bias	0.141
119	B444-5	104	05Z0789	444-01172005-213-166	Ceiling Track, Post-Fixative, Bias	<0.1
120	B444-5	104	05Z0781	444-01062005-213-120	Ceiling Track, Pre-Fixative, Bias	<0.1
121	B444-5	104	05Z0781	444-01062005-213-121	Ceiling Track, Pre-Fixative, Bias	<0.1
122	B444-5	106B	05Z0781	444-01062005-213-122	Ceiling Track, Pre-Fixative, Bias	<0.1
123	B444-5	104	05Z0781	444-01062005-213-123	Floor, Pre-Fixative, Bias	<0.1
124	B444-5	104	05Z0781	444-01062005-213-124	Floor, Pre-Fixative, Bias	<0.1
125	B444-5	106	05Z0781	444-01062005-213-125	Floor, Pre-Fixative, Bias	0.222
125	B444-5	106	05Z0840	444-01192005-213-204	Floor, Post-Fixative, Bias	<0.1
126	B444-5	106	05Z0781	444-01062005-213-126	Floor, Pre-Fixative, Bias	0.242
126	B444-5	106	05Z0840	444-01192005-213-202	Floor, Post-Fixative, Bias	<0.1
127	B444-5	106	05Z0781	444-01062005-213-127	Wall, Pre-Fixative, Bias	0.299
127	B444-5	106	05Z0789	444-01172005-213-159	Wall, Post-Fixative, Bias	<0.1
128	B444-5	106	05Z0781	444-01062005-213-128	Wall, Pre-Fixative, Bias	0.485
128	B444-5	106	05Z0789	444-01172005-213-158	Wall, Post-Fixative, Bias	<0.1
130	B444-5	109A	05Z0781	444-01062005-213-130	Floor, Pre-Fixative, Bias	<0.1
131	B444-5	109	05Z0781	444-01062005-213-131	Floor, Pre-Fixative, Bias	<0.1
132	B444-5	109	05Z0781	444-01062005-213-132	Floor, Pre-Fixative, Bias	<0.1
133	B444-5	109	05Z0781	444-01062005-213-133	Floor, Pre-Fixative, Bias	<0.1
134	B444-5	109	05Z0781	444-01062005-213-134	Wall, Pre-Fixative, Bias	0.196
134	B444-5	109	05Z0918	444-02092005-26-134	Wall, Rewipe, Post-Fixative, Bias	<0.1
135	B444-5	109	05Z0781	444-01062005-213-135	Wall, Pre-Fixative, Bias	<0.1
136	B444-5	109A	05Z0781	444-01062005-213-136	Transite and Frame, Pre-Fixative, Bias	<0.1
137	B444-5	109A	05Z0781	444-01062005-213-137	Transite and Frame, Pre-Fixative, Bias	<0.1
138	B444-5	109	05Z0781	444-01062005-213-138	Wall, Pre-Fixative, Bias	<0.1
141	B444-5	106	05Z0840	444-01192005-213-141	Ceiling Track, Post-Fixative, Bias	<0.1

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Table C-5
VIA 5 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
141	B444-5	109	05Z0789	444-01172005-213-141	Ceiling Track, Post-Fixative, Bias	1.26
142	B444-5	106B	05Z0840	444-01192005-213-142	Floor Penetration for Duct, Post-Fixative, Bias	<0.1
143	B444-5	104	05Z0789	444-01172005-213-143	Ceiling Track, Post-Fixative, Bias	0.241
143	B444-5	104	05Z0840	444-01192005-213-143	Ceiling Track, Post-Fixative, Bias	<0.1
144	B444-5	104	05Z0789	444-01172005-213-144	Floor, Post-Fixative, Bias	0.409
144	B444-5	104	05Z0929	444-02102005-313-144	Floor, Re-Wipe, Post-Fixative, Bias	<0.1
145	B444-5	103A	05Z0789	444-01172005-213-145	Floor Penetration, Post-Fixative, Bias	<0.1
146	B444-5	104E	05Z0789	444-01172005-213-146	Floor Penetration, Post-Fixative, Bias	<0.1
147	B444-5	104	05Z0789	444-01172005-213-147	Floor Penetration, Post-Fixative, Bias	<0.1
148	B444-5	104	05Z0789	444-01172005-213-148	Floor Penetration, Post-Fixative, Bias	<0.1
149	B444-5	106B	05Z0789	444-01172005-213-149	Floor Penetration, Post-Fixative, Bias	<0.1
150	B444-5	106	05Z0789	444-01172005-213-150	Floor Penetration, Post-Fixative, Bias	<0.1
151	B444-5	106	05Z0789	444-01172005-213-151	Wall Penetration, Post-Fixative, Bias	1.26
151	B444-5	106	05Z0929	444-02102005-313-151	Wall Penetration, Rewipe, Post-Fixative, Bias	<0.1
152	B444-5	106B	05Z0789	444-01172005-213-152	Wall Penetration, Post-Fixative, Bias	0.136
152	B444-5	106B	05Z0839	444-01212005-213-152	Wall Penetration, Post-Fixative, Bias	<0.1
153	B444-5	104D	05Z0789	444-01172005-213-153	Wall Penetration, Post-Fixative, Bias	<0.1
154	B444-5	104A	05Z0789	444-01172005-213-154	Door Frame, Post-Fixative, Bias	<0.1
155	B444-5	104	05Z0789	444-01172005-213-155	Wall Penetration, Post-Fixative, Bias	<0.1
156	B444-5	104	05Z0789	444-01172005-213-156	Wall Track, Post-Fixative, Bias	<0.1
157	B444-5	106	05Z0789	444-01172005-213-157	Wall Track, Post-Fixative, Bias	<0.1
160	B444-5	106	05Z0789	444-01172005-213-160	Wall, Post-Fixative, Bias	<0.1
161	B444-5	103B	05Z0789	444-01172005-213-161	Ceiling Track, Post-Fixative, Bias	0.136
161	B444-5	103B	05Z0929	444-02102005-313-161	Ceiling Track, Rewipe, Post-Fixative, Bias	<0.1
164	B444-5	106B	05Z0789	444-01172005-213-164	Ceiling Track, Post-Fixative, Bias	<0.1
165	B444-5	104	05Z0789	444-01172005-213-165	Ceiling Track, Post-Fixative, Bias	<0.1
167	B444-5	104	05Z0789	444-01172005-213-167	Ceiling Track, Post-Fixative, Bias	<0.1
170	B444-5	109A	05Z0839	444-01212005-213-170	Ceiling Track, Post-Fixative, Bias	<0.1
170	B444-5	109B	05Z0789	444-01172005-213-170	Ceiling Track, Post-Fixative, Bias	2.13
171	B444-5	109	05Z0789	444-01172005-213-171	Ceiling Track, Post-Fixative, Bias	<0.1
172	B444-5	109	05Z0789	444-01172005-213-172	Ceiling Track, Post-Fixative, Bias	<0.1

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Table C-5
VIA 5 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
173	B444-5	109	05Z0789	444-01172005-213-173	Ceiling Track, Post-Fixative, Bias	<0.1
174	B444-5	109	05Z0789	444-01172005-213-174	Ceiling Track Near # 111, Post-Fixative, Bias	<0.1
175	B444-5	109C	05Z0789	444-01172005-213-175	Ceiling Track, Post-Fixative, Bias	<0.1
176	B444-5	109	05Z0789	444-01172005-213-176	Wall Penetration, Post-Fixative, Bias	<0.1
177	B444-5	109	05Z0789	444-01172005-213-177	Wall Penetration, Post-Fixative, Bias	<0.1
178	B444-5	109	05Z0789	444-01172005-213-178	Wall Penetration, Post-Fixative, Bias	<0.1
179	B444-5	109	05Z0789	444-01172005-213-179	Wall Penetration, Post-Fixative, Bias	<0.1
180	B444-5	109A	05Z0789	444-01172005-213-180	Wall Penetration, Post-Fixative, Bias	<0.1
181	B444-5	109A	05Z0789	444-01172005-213-181	Wall Penetration, Post-Fixative, Bias	<0.1
182	B444-5	109	05Z0789	444-01172005-213-182	Floor of Stairs, Post-Fixative, Bias	<0.1
183	B444-5	106	05Z0789	444-01172005-213-183	Wall Penetration, Post-Fixative, Bias	<0.1
184	B444-5	106B	05Z0789	444-01172005-213-184	Wall Penetration, Post-Fixative, Bias	0.629
184	B444-5	106B	05Z0839	444-01212005-213-184	Wall Penetration, Post-Fixative, Bias	<0.1
185	B444-5	109	05Z0789	444-01172005-213-185	Wall Penetration for Duct, Post-Fixative, Bias	0.326
185	B444-5	109	05Z0839	444-01212005-213-185	Wall Penetration for Duct, Post-Fixative, Bias	<0.1
186	B444-5	109	05Z0789	444-01172005-213-186	Wall Penetration, Post-Fixative, Bias	<0.1
187	B444-5	109A	05Z0789	444-01172005-213-187	Floor Penetration, Post-Fixative, Bias	<0.1
188	B444-5	109A	05Z0789	444-01172005-213-188	Floor Penetration, Post-Fixative, Bias	<0.1
189	B444-5	109A	05Z0789	444-01172005-213-189	Wall, Post-Fixative, Bias	<0.1
190	B444-5	109A	05Z0789	444-01172005-213-190	Wall, Post-Fixative, Bias	<0.1
191	B444-5	109	05Z0789	444-01172005-213-191	Wall Penetration, Post-Fixative, Bias	<0.1
192	B444-5	109	05Z0789	444-01172005-213-192	Wall, Post-Fixative, Bias	<0.1
193	B444-5	109	05Z0789	444-01172005-213-193	Wall Penetration, Post-Fixative, Bias	<0.1
198	B444-5	113	05Z0789	444-01172005-213-198	Wall Penetration, Post-Fixative, Bias	<0.1
199	B444-5	118	05Z0789	444-01172005-213-199	Wall Penetration, Post-Fixative, Bias	<0.1
200	B444-5	106	05Z0840	444-01192005-213-200	Ceiling Around Track, Re-Wipe for # 141, Post-Fixtavite, Bias	<0.1
201	B444-5	106	05Z0840	444-01192005-213-201	Ceiling Around Track, Re-Wipe for # 141, Post-Fixtavite, Bias	<0.1
202	B444-5	106	05Z0840	444-01192005-213-202	Ceiling Around Track, Re-Wipe for # 141, Post-Fixtavite, Bias	<0.1
203	B444-5	106	05Z0840	444-01192005-213-203	Ceiling Around Track, Re-Wipe for # 141, Post-Fixtavite, Bias	<0.1
204	B444-5	106B	05Z0840	444-01192005-213-204	Floor Near Penetration for Duct, Post-Fixative, Bias	<0.1
205	B444-5	106B	05Z0840	444-01192005-213-205	Floor Near Penetration for Duct, Post-Fixative, Bias	<0.1

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Table C-5
VIA 5 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
206	B444-5	106B	05Z0840	444-01192005-213-206	Floor Near Penetration for Duct, Post-Fixative, Bias	<0.1
207	B444-5	106	05Z0840	444-01192005-213-207	Floor Near Penetration for Duct, Post-Fixative, Bias	<0.1
208	B444-5	104	05Z0840	444-01192005-213-208	Ceiling Around Track, Re-Wipe for # 143, Post-Fixtavite, Bias	<0.1
209	B444-5	104	05Z0840	444-01192005-213-209	Ceiling Around Track, Re-Wipe for # 143, Post-Fixtavite, Bias	<0.1
210	B444-5	104	05Z0840	444-01192005-213-210	Ceiling Around Track, Re-Wipe for # 143, Post-Fixtavite, Bias	<0.1
211	B444-5	104	05Z0840	444-01192005-213-211	Ceiling Around Track, Re-Wipe for # 143, Post-Fixtavite, Bias	<0.1
214	B444-5	106B	05Z0839	444-01212005-213-214	Wall Penetration, Post-Fixative, Bias	<0.1
215	B444-5	106B	05Z0839	444-01212005-213-215	Wall Penetration, Post-Fixative, Bias	<0.1
216	B444-5	109A	05Z0839	444-01212005-213-216	Ceiling Track, Post-Fixative, Bias	<0.1
217	B444-5	109A	05Z0839	444-01212005-213-217	Ceiling Track, Post-Fixative, Bias	<0.1
218	B444-5	109A	05Z0839	444-01212005-213-218	Ceiling Track, Post-Fixative, Bias	<0.1
219	B444-5	109A	05Z0839	444-01212005-213-219	Ceiling Track, Post-Fixative, Bias	<0.1
220	B444-5	109A	05Z0839	444-01212005-213-220	Ceiling Track, Post-Fixative, Bias	<0.1
221	B444-5	109	05Z0839	444-01212005-213-221	Wall Penetration/Duct Passthru, Post-Fixative, Bias	<0.1
222	B444-5	109	05Z0839	444-01212005-213-222	Wall Penetration/Duct Passthru, Post-Fixative, Bias	<0.1
223	B444-5	109	05Z0839	444-01212005-213-223	Wall Penetration/Duct Passthru, Post-Fixative, Bias	<0.1
224	B444-5	109	05Z0839	444-01212005-213-224	Wall Penetration/Duct Passthru, Post-Fixative, Bias	<0.1
226	B444-5	103A	05Z0844	444-01242005-01-226	Floor Opening for Duct, Pre-Fixative, Bias	0.682
226	B444-5	103A	05Z0918	444-02092005-26-226	Floor Opening for Duct, Post-Fixative, Bias	<0.1
227	B444-5	103	05Z0844	444-01242005-01-227	Wall Penetration/Pipe Passthru, West Wall, Pre-Fixative, Bias	0.266
227	B444-5	103	05Z0918	444-02092005-26-227	Wall Penetration/Pipe Passthru, West Wall, Post-Fixative, Bias	<0.1
228	B444-5	103	05Z0844	444-01242005-01-228	Ceiling Track, Pre-Fixative, Bias	0.216
228	B444-5	103	05Z0918	444-02092005-26-228	Ceiling Track, Post-Fixative, Bias	<0.1
229	B444-5	103	05Z0844	444-01242005-01-229	Equipment Mounting Rack, North Wall, Pre-Fixative, Bias	<0.1
230	B444-5	103	05Z0844	444-01242005-01-230	Wall Penetration/Pipe Passthru, East Wall,	<0.1
231	B444-5	103	05Z0844	444-01242005-01-231	Electrical Box, East Wall, Pre-Fixative, Bias	<0.1
232	B444-5	109	05Z0844	444-01242005-01-232	Ceiling Track, Pre-Fixative, Bias	0.163
232	B444-5	109	05Z0918	444-02092005-26-232	Ceiling Track, Post-Fixative, Bias	<0.1
233	B444-5	109	05Z0844	444-01242005-01-233	Ceiling Electrical Box, Pre-Fixative, Bias	<0.1
234	B444-5	107A	05Z0844	444-01242005-01-234	Ceiling Track, Pre-Fixative, Bias	0.49
234	B444-5	107A	05Z0918	444-02092005-26-234	Ceiling Track, Post-Fixative, Bias	<0.1

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Table C-5
VIA 5 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
235	B444-5	107	05Z0844	444-01242005-01-235	Mounting Rack on Ceiling Beam, Pre-Fixative, Bias	<0.1
236	B444-5	107	05Z0844	444-01242005-01-236	Ceiling Mounting Plate, Pre-Fixative, Bias	0.112
236	B444-5	107	05Z0918	444-02092005-26-236	Ceiling Mounting Plate, Post-Fixative, Bias	<0.1
237	B444-5	107	05Z0844	444-01242005-01-237	On Duct, South Wall, Pre-Fixative, Bias	0.207
237	B444-5	107	05Z0918	444-02092005-26-237	On Duct, South Wall, Post-Fixative, Bias	<0.1
238	B444-5	109	05Z0844	444-01242005-01-238	Floor, Stairs, Pre-Fixative, Bias	1.07
238	B444-5	109	05Z0918	444-02092005-26-238	Floor, Stairs, Post-Fixative, Bias	<0.1
242	B444-5	106C	05Z0844	444-01242005-01-242	Transite and Frame, South Wall, Pre-Fixative, Bias	<0.1
243	B444-5	107	05Z0844	444-01242005-01-243	Floor, Pre-Fixative, Bias	1.1
243	B444-5	107	05Z0918	444-02092005-26-243	Floor, Post-Fixative, Bias	<0.1
244	B444-5	107	05Z0918	444-02092005-26-244	Floor, Post-Fixative, Bias	<0.1
245	B444-5	107	05Z0918	444-02092005-26-245	Floor, Post-Fixative, Bias	<0.1
246	B444-5	107	05Z0918	444-02092005-26-246	Floor, Post-Fixative, Bias	<0.1
247	B444-5	107	05Z0918	444-02092005-26-247	Floor, Post-Fixative, Bias	<0.1
248	B444-5	107	05Z0918	444-02092005-26-248	Floor, Post-Fixative, Bias	<0.1
249	B444-5	107	05Z0918	444-02092005-26-249	Floor, Post-Fixative, Bias	<0.1
250	B444-5	107	05Z0918	444-02092005-26-250	Floor, Post-Fixative, Bias	<0.1
706	B444-5	107	05Z0882	444-01292005-313-706	Floor, Pre-Fixative, Bias	<0.1
707	B444-5	107	05Z0882	444-01292005-313-707	Floor, Pre-Fixative, Bias	0.172
707	B444-5	107	05Z0918	444-02092005-26-707	Floor, Post-Fixative, Bias	<0.1

Footnotes:

(1) Shaded rows are beryllium results prior to the application of final fixative. The unshaded rows are the final "as left" condition sample results. Fixative was applied over all elevated locations as well as extending to the boundaries of clean sample locations surrounding the elevated locations. No further investigation sampling is required.
All initial sample locations above 0.1 ug/100cm2 had fixative applied and were then re-sampled.
Also, additonal biased post-fixative samples were collected in the same general area of the initial elevated sample locations.

(2) Gaps in the sample numbering sequence are acceptable. Some sample numbers were never used. Some sample numbers were elevated, then decontaminated, and then resampled using the same initial sample number or another sample number.

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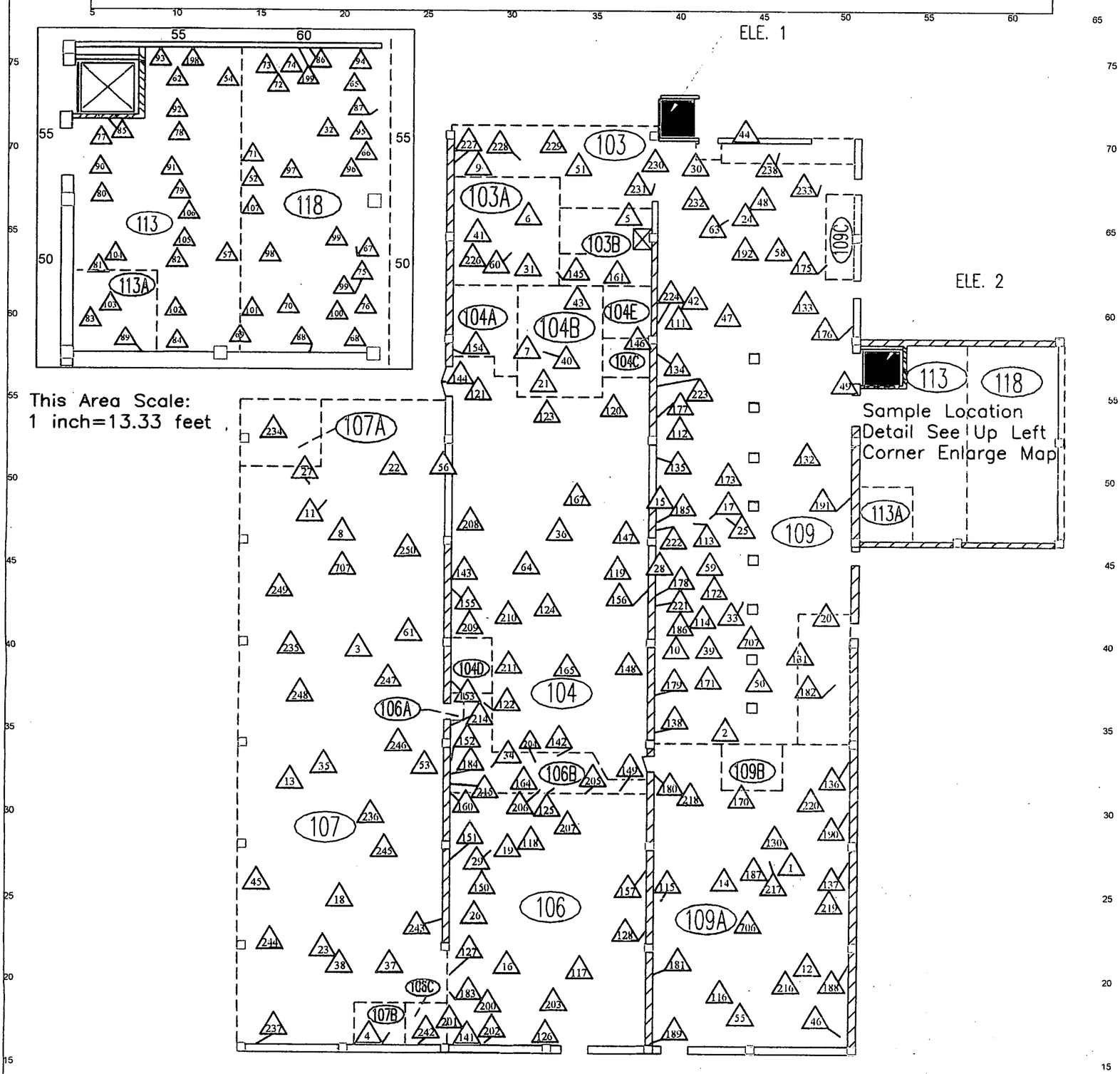
PDS BERYLLIUM SAMPLE MAP

BLDG: B444 Survey Area: B444-VIA-5 Survey Unit: N/A Classification: N/A

Survey Area/Unit Description: VIA-5

Floor Area: 2,048 sq.m Total Area: N/A Grid Spacing for Survey Area: N/A



SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Exterior Wall Removed
- Interior Wall Removed

N

0 FEET 20
0 METERS 7

1 inch = 20 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC. A Kaiser Engineering Group Company

Prepared for: KAISER HILL

File Name: B444_VIA-5_Be.DWG | Sheet 1 of 1 | Rev: 4

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ATTACHMENT C-6

VIA 6 PDS BERYLLIUM DATA SUMMARIES AND SAMPLE MAPS

Table C-6
VIA 6 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
1	6	15	05Z0843	444-01242005-213-001	Floor, Post-Fixative, Random	<0.1
2	6	11	05Z0843	444-01242005-213-002	Floor, Post-Fixative, Random	<0.1
3	6	10	05Z0843	444-01242005-213-003	Floor, Post-Fixative, Random	<0.1
4	6	10	05Z0843	444-01242005-213-004	Floor, Post-Fixative, Random	<0.1
5	6	10	05Z0843	444-01242005-213-005	Floor, Post-Fixative, Random	<0.1
6	6	7A	05Z0843	444-01242005-213-006	Floor, Post-Fixative, Random	<0.1
7	6	8	05Z0843	444-01242005-213-007	Floor, Post-Fixative, Random	<0.1
8	6	9A	04Z2566	444-09112004-01-220	Floor, Pre-Fixative, Random	<0.1
9	6	10	05Z0843	444-01242005-213-009	Floor, Post-Fixative, Random	<0.1
10	6	7	05Z0843	444-01242005-213-010	Floor, Post-Fixative, Random	<0.1
11	6	14	05Z0843	444-01242005-213-011	Floor, Post-Fixative, Random	<0.1
12	6	9A	04Z2566	444-09112004-01-221	Floor, Pre-Fixative, Random	<0.1
13	6	8	05Z0843	444-01242005-213-013	Floor, Post-Fixative, Random	<0.1
14	6	2	05Z0843	444-01242005-213-014	Floor, Post-Fixative, Random	<0.1
15	6	7	05Z0843	444-01242005-213-015	Floor, Post-Fixative, Random	<0.1
16	6	7	05Z0843	444-01242005-213-016	Floor, Post-Fixative, Random	<0.1
17	6	8	05Z0843	444-01242005-213-017	Floor, Post-Fixative, Random	<0.1
18	6	2A	05Z0843	444-01242005-213-018	Floor, Post-Fixative, Random	<0.1
19	6	10	05Z0843	444-01242005-213-019	Floor, Post-Fixative, Random	<0.1
20	6	9	05Z0843	444-01242005-213-020	Floor, Post-Fixative, Random	<0.1
21	6	10	05Z0843	444-01242005-213-021	Floor, Post-Fixative, Random	<0.1
22	6	7	05Z0843	444-01242005-213-022	Floor, Post-Fixative, Random	<0.1
23	6	10	05Z0843	444-01242005-213-023	Floor, Post-Fixative, Random	<0.1
24	6	10	05Z0843	444-01242005-213-024	Floor, Post-Fixative, Random	<0.1
25	6	1	05Z0843	444-01242005-213-025	Floor, Post-Fixative, Random	<0.1
26	6	10	05Z0843	444-01242005-213-026	Floor, Post-Fixative, Random	<0.1
27	6	7	05Z0843	444-01242005-213-027	Floor, Post-Fixative, Random	<0.1
28	6	11	05Z0843	444-01242005-213-028	Floor, Post-Fixative, Random	<0.1
29	6	9	05Z0843	444-01242005-213-029	Floor, Post-Fixative, Random	<0.1
30	6	7	05Z0843	444-01242005-213-030	Floor, Post-Fixative, Random	0.103
30	6	7	05Z0919	444-02082005-313-030	Floor, Post-Fixative, Random	<0.1
31	6	9A	04Z2566	444-09112004-01-222	Floor, Pre-Fixative, Random	<0.1
32	6	15	05Z0843	444-01242005-213-032	Floor, Post-Fixative, Random	<0.1
33	6	7A	05Z0843	444-01242005-213-033	Floor, Post-Fixative, Random	<0.1
34	6	10	05Z0843	444-01242005-213-034	Floor, Post-Fixative, Random	<0.1
35	6	10	05Z0843	444-01242005-213-035	Floor, Post-Fixative, Random	<0.1
36	6	8	05Z0843	444-01242005-213-036	Floor, Post-Fixative, Random	<0.1
37	6	11	05Z0843	444-01242005-213-037	Floor, Post-Fixative, Random	<0.1
38	6	10	05Z0843	444-01242005-213-038	Floor, Post-Fixative, Random	0.17
38	6	10	05Z0919	444-02082005-313-038	Floor, Post-Fixative, Random	<0.1
39	6	7	05Z0843	444-01242005-213-039	Floor, Post-Fixative, Random	<0.1
40	6	10A	05Z0843	444-01242005-213-040	Floor, Post-Fixative, Random	<0.1
41	6	10	05Z0843	444-01242005-213-041	Floor, Post-Fixative, Random	<0.1
42	6	10	05Z0843	444-01242005-213-042	Floor, Post-Fixative, Random	23.4
42	6	10	05Z0919	444-02082005-313-042	Floor, Post-Fixative, Random	<0.1
43	6	8	05Z0843	444-01242005-213-043	Floor, Post-Fixative, Random	<0.1
44	6	7D	05Z0843	444-01242005-213-044	Floor, Post-Fixative, Random	<0.1
45	6	15	05Z0843	444-01242005-213-045	Floor, Post-Fixative, Random	<0.1
46	6	7	05Z0843	444-01242005-213-046	Floor, Post-Fixative, Random	<0.1
47	6	3	05Z0843	444-01242005-213-047	Floor, Post-Fixative, Random	<0.1
48	6	10	05Z0843	444-01242005-213-048	Floor, Post-Fixative, Random	<0.1
49	6	6	05Z0843	444-01242005-213-049	Floor, Post-Fixative, Random	<0.1
50	6	3	05Z0843	444-01242005-213-050	Floor, Post-Fixative, Random	<0.1
51	6	7	05Z0843	444-01242005-213-051	Floor, Post-Fixative, Random	<0.1
52	6	2	05Z0843	444-01242005-213-052	Floor, Post-Fixative, Random	<0.1
53	6	7C	05Z0843	444-01242005-213-053	Floor, Post-Fixative, Random	<0.1
54	6	8	05Z0843	444-01242005-213-054	Floor, Post-Fixative, Random	<0.1
55	6	3	05Z0843	444-01242005-213-055	Floor, Post-Fixative, Random	<0.1
56	6	15	05Z0843	444-01242005-213-056	Floor, Post-Fixative, Random	<0.1

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Table C-6
VIA 6 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
57	6	8	05Z0843	444-01242005-213-057	Floor, Post-Fixative, Random	<0.1
58	6	10	05Z0843	444-01242005-213-058	Floor, Post-Fixative, Random	<0.1
59	6	10	05Z0843	444-01242005-213-059	Floor, Post-Fixative, Random	<0.1
60	6	8	05Z0843	444-01242005-213-060	Floor, Post-Fixative, Random	<0.1
61	6	14	05Z0843	444-01242005-213-061	Floor, Post-Fixative, Random	<0.1
62	6	6A	05Z0843	444-01242005-213-062	Floor, Post-Fixative, Random	<0.1
63	6	10	05Z0843	444-01242005-213-063	Floor, Post-Fixative, Random	<0.1
64	6	1	05Z0451	444-12022004-213-201	East Hopper Pad, Pre-Power Wash, Bias	0.966
64	6	1	05Z0453	444-12082004-213-316	East Hopper Pad, Post-Power Wash, Bias	2.99
64	6	1	05Z0843	444-01242005-213-064	East Hopper Pad, Post-Fixative, Bias	<0.1
65	6	1	05Z0451	444-12022004-213-202	Middle Hopper Pad, Pre-Power Wash, Bias	3.08
65	6	1	05Z0453	444-12082004-213-315	Middle Hopper Pad, Post-Power Wash, Bias	0.351
65	6	1	05Z0843	444-01242005-213-065	Middle Hopper Pad, Post-Fixative, Bias	<0.1
66	6	1	05Z0451	444-12022004-213-203	West Hopper Pad, Pre-Power Wash, Bias	1.484
66	6	1	05Z0453	444-12082004-213-314	West Hopper Pad, Post-Power Wash, Bias	1.29
66	6	1	05Z0843	444-01242005-213-066	West Hopper Pad, Post-Fixative, Bias	<0.1
67	6	1	05Z0451	444-12022004-213-204	Floor, Pre-Power Wash, Bias	3.84
67	6	1	05Z0453	444-12082004-213-313	Floor, Post-Power Wash, Bias	0.885
67	6	1	05Z0843	444-01242005-213-067	Floor, Post-Fixative, Bias	<0.1
68	6	1	05Z0451	444-12022004-213-205	Floor, Pre-Power Wash, Bias	0.714
68	6	1	05Z0790	444-01172005-01-068	Floor, Post-Power Wash, Bias	0.237
68	6	1	05Z0843	444-01242005-213-068	Floor, Post-Fixative, Bias	<0.1
69	6	1	05Z0451	444-12022004-213-206	Floor, Pre-Power Wash, Bias	5.39
69	6	1	05Z0453	444-12082004-213-311	Floor, Post-Power Wash, Bias	2.26
69	6	1	05Z0843	444-01242005-213-069	Floor, Post-Fixative, Bias	<0.1
70	6	1	05Z0451	444-12022004-213-207	Floor, Pre-Power Wash, Bias	9.56
70	6	1	05Z0453	444-12082004-213-312	Floor, Post-Power Wash, Bias	0.825
70	6	1	05Z0843	444-01242005-213-070	Floor, Post-Fixative, Bias	<0.1
71	6	7	05Z0451	444-12022004-213-208	Floor, Pre-Power Wash, Bias	1.96
71	6	7	05Z0453	444-12082004-213-325	Floor, Post-Power Wash, Bias	0.793
71	6	7	05Z0843	444-01242005-213-071	Floor, Post-Fixative, Bias	<0.1
72	6	7	05Z0451	444-12022004-213-209	Floor, Pre-Power Wash, Bias	0.957
72	6	7	05Z0790	444-01172005-01-072	Floor, Post-Power Wash, Bias	0.742
72	6	7	05Z0843	444-01242005-213-072	Floor, Post-Fixative, Bias	<0.1
73	6	8	05Z0451	444-12022004-213-210	Floor, Pre-Power Wash, Bias	0.372
73	6	8	05Z0661	444-12172004-213-010	Floor, Post-Power Wash, Bias	0.208
73	6	8	05Z0843	444-01242005-213-073	Floor, Post-Fixative, Bias	<0.1
74	6	8	05Z0451	444-12022004-213-211	Floor, Pre-Power Wash, Bias	0.818
74	6	8	05Z0790	444-01172005-01-074	Floor, Post-Power Wash, Bias	<0.1
75	6	8 Pipe Chase	05Z0451	444-12022004-213-212	Floor, Pre-Power Wash, Bias	0.108
75	6	8 Pipe Chase	05Z0661	444-12172004-213-012	Floor, Post-Power Wash, Bias	<0.1
76	6	7	05Z0451	444-12022004-213-213	Floor, Pre-Power Wash, Bias	0.992
76	6	7	05Z0790	444-01172005-01-076	Floor, Post-Power Wash, Bias	0.923
76	6	7	05Z0843	444-01242005-213-076	Floor, Post-Fixative, Bias	<0.1
77	6	7	05Z0451	444-12022004-213-214	Floor, Pre-Power Wash, Bias	2.25
77	6	7	05Z0790	444-01172005-01-077	Floor, Post-Power Wash, Bias	0.156
77	6	7	05Z0843	444-01242005-213-077	Floor, Post-Fixative, Bias	<0.1
78	6	13	05Z0451	444-12022004-213-215	Floor, Pre-Power Wash, Bias	0.568
78	6	13	05Z0790	444-01172005-01-078	Floor, Post-Power Wash, Bias	1.09
78	6	13	05Z0843	444-01242005-213-078	Floor, Post-Fixative, Bias	<0.1

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Table C-6
VIA 6 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
79	6	13	05Z0451	444-12022004-213-216	Floor, Pre-Power Wash, Bias	2.03
79	6	13	05Z0790	444-01172005-01-079	Floor, Post-Power Wash, Bias	0.632
79	6	13	05Z0843	444-01242005-213-079	Floor, Post-Fixative, Bias	0.241
79	6	13	05Z0919	444-02082005-313-079	Floor, Post-Fixative, Bias	<0.1
80	6	10	05Z0451	444-12022004-213-217	Floor, Pre-Power Wash, Bias	1.2
80	6	10	05Z0790	444-01172005-01-080	Floor, Post-Power Wash, Bias	<0.1
81	6	10	05Z0451	444-12022004-213-218	Floor, Pre-Power Wash, Bias	1.736
81	6	10	05Z0843	444-01242005-213-081	Floor, Post-Fixative, Bias	0.654
81	6	10	05Z0919	444-02082005-313-081	Floor, Post-Fixative, Bias	<0.1
82	6	10	05Z0451	444-12022004-213-219	Floor, Pre-Power Wash, Bias	3.67
82	6	10	05Z0790	444-01172005-01-082	Floor, Post-Power Wash, Bias	0.19
82	6	10	05Z0843	444-01242005-213-082	Floor, Post-Fixative, Bias	0.289
82	6	10	05Z0919	444-02082005-313-082	Floor, Post-Fixative, Bias	<0.1
83	6	10	05Z0451	444-12022004-213-220	Floor, Pre-Power Wash, Bias	0.944
83	6	10	05Z0790	444-01172005-01-083	Floor, Post-Power Wash, Bias	<0.1
84	6	15	05Z0451	444-12022004-213-221	Floor, Pre-Power Wash, Bias	0.551
84	6	15	05Z0790	444-01172005-01-084	Floor, Post-Power Wash, Bias	0.78
84	6	15	05Z0843	444-01242005-213-084	Floor, Post-Fixative, Bias	<0.1
85	6	11	05Z0451	444-12022004-213-222	Floor, Pre-Power Wash, Bias	0.908
85	6	11	05Z0790	444-01172005-01-085	Floor, Post-Power Wash, Bias	0.143
85	6	11	05Z0843	444-01242005-213-085	Floor, Post-Fixative, Bias	<0.1
86	6	15	05Z0451	444-12022004-213-223	Floor, Pre-Power Wash, Bias	0.814
86	6	15	05Z0790	444-01172005-01-086	Floor, Post-Power Wash, Bias	0.281
86	6	15	05Z0843	444-01242005-213-086	Floor, Post-Fixative, Bias	<0.1
87	6	9	05Z0451	444-12022004-213-224	Floor, Pre-Power Wash, Bias	0.829
87	6	9	05Z0790	444-01172005-01-087	Floor, Post-Power Wash, Bias	<0.1
88	6	7D	05Z0451	444-12022004-213-225	Floor, Pre-Power Wash, Bias	1.28
88	6	7D	05Z0790	444-01172005-01-088	Floor, Post-Power Wash, Bias	0.132
88	6	7D	05Z0843	444-01242005-213-088	Floor, Post-Fixative, Bias	<0.1
89	6	Elevator #1	05Z0451	444-12022004-213-226	Wall, Elevator # 1, Pre-Power Wash, Bias	1.81
89	6	Elevator #1	05Z0661	444-12172004-213-026	Wall, Elevator # 1, Post-Power Wash, Bias	0.765
89	6	Elevator #1	05Z0843	444-01242005-213-089	Wall, Elevator # 1, Post-Fixative, Bias	<0.1
90	6	6	05Z0451	444-12022004-213-227	Floor, Pre-Power Wash, Bias	1.85
90	6	6	05Z0790	444-01172005-01-090	Floor, Post-Power Wash, Bias	<0.1
91	6	2	05Z0661	444-12172004-213-028	Floor, Post-Power Wash, Bias	<0.1
91	6	2B	05Z0451	444-12022004-213-228	Floor, Pre-Power Wash, Bias	0.778
92	6	7	05Z0451	444-12022004-213-229	Floor, Pre-Power Wash, Bias	4.09
92	6	7	05Z0790	444-01172005-01-092	Floor, Post-Power Wash, Bias	1.39
92	6	7	05Z0843	444-01242005-213-092	Floor, Post-Fixative, Bias	<0.1
93	6	7	05Z0843	444-01242005-213-093	Floor, Post-Fixative, Bias	<0.1
93	6	7A	05Z0451	444-12022004-213-230	Floor, Pre-Power Wash, Bias	1.67
93	6	7A	05Z0790	444-01172005-01-093	Floor, Post-Power Wash, Bias	1.61
97	6	7	05Z0451	444-12022004-213-234	Overhead Crane Rail, Pre-Power Wash, Bias	11.2
97	6	7	05Z0453	444-12082004-213-324	Overhead Crane Rail, Post-Power Wash, Bias	26.4
97	6	7	05Z0843	444-01242005-213-097	Overhead Crane Rail, Post-Fixative, Bias	<0.1
98	6	7	05Z0451	444-12022004-213-235	Cooling Water Pipe, Pre-Power Wash, Bias	8.63
98	6	7	05Z0453	444-12082004-213-323	Cooling Water Pipe, Post-Power Wash, Bias	10.7
98	6	7	05Z0843	444-01242005-213-098	Cooling Water Pipe, Post-Fixative, Bias	<0.1
99	6	7	05Z0451	444-12022004-213-236	Storm Drain Pipe, Pre-Power Wash, Bias	5.03

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Table C-6
VIA 6 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
99	6	7	05Z0453	444-12082004-213-322	Storm Drain Pipe, Post-Power Wash, Bias	6.19
99	6	7	05Z0843	444-01242005-213-099	Storm Drain Pipe, Post-Fixative, Bias	<0.1
100	6	1	05Z0451	444-12022004-213-237	Vacuum Pipe, Pre-Power Wash, Bias	3.86
100	6	1	05Z0790	444-01172005-01-100	Vacuum Pipe, Post-Power Wash, Bias	0.271
100	6	1	05Z0843	444-01242005-213-100	Vacuum Pipe, Post-Fixative, Bias	<0.1
101	6	1	05Z0451	444-12022004-213-238	Storm Drain and Hanger, Pre-Power Wash, Bias	19.78
101	6	1	05Z0790	444-01172005-01-101	Storm Drain and Hanger, Post-Power Wash, Bias	1.43
101	6	1	05Z0843	444-01242005-213-101	Storm Drain and Hanger, Post-Fixative, Bias	<0.1
102	6	1	05Z0451	444-12022004-213-239	Pipe, Pre-Power Wash, Bias	69.9
102	6	1	05Z0453	444-12082004-213-317	Pipe, Post-Power Wash, Bias	12.9
102	6	1	05Z0843	444-01242005-213-102	Pipe, Post-Fixative, Bias	<0.1
106	6	1	05Z0451	444-12022004-213-243	Exhaust Duct, Pre-Power Wash, Bias	0.493
106	6	1	05Z0453	444-12082004-213-321	Exhaust Duct, Post-Power Wash, Bias	0.517
106	6	1	05Z0843	444-01242005-213-106	Exhaust Duct, Post-Fixative, Bias	<0.1
107	6	1	05Z0451	444-12022004-213-244	Pipe and Duct, Pre-Power Wash, Bias	6.87
107	6	1	05Z0453	444-12082004-213-320	Pipe and Duct, Post-Power Wash, Bias	1.94
107	6	1	05Z0843	444-01242005-213-107	Pipe and Duct, Post-Fixative, Bias	<0.1
108	6	1	05Z0451	444-12022004-213-245	Hanger, Pre-Power Wash, Bias	118
108	6	1	05Z0453	444-12082004-213-319	Hanger, Post-Power Wash, Bias	0.599
108	6	1	05Z0843	444-01242005-213-108	Hanger, Post-Fixative, Bias	<0.1
109	6	1	05Z0451	444-12022004-213-246	Hanger, Pre-Power Wash, Bias	23.8
109	6	1	05Z0453	444-12082004-213-318	Hanger, Post-Power Wash, Bias	1.6
109	6	1	05Z0843	444-01242005-213-109	Hanger, Post-Fixative, Bias	<0.1
110	6	10	05Z0790	444-01172005-01-110	Wall Penetration for Duct, Post-Power Wash, Bias	0.108
110	6	10	05Z0843	444-01242005-213-110	Wall Penetration for Duct, Post-Fixative, Bias	<0.1
110	6	Corridor, South	05Z0451	444-12022004-213-247	Wall Penetration for Duct, Pre-Power Wash, Bias	0.388
111	6	10	05Z0451	444-12022004-213-248	Ceiling Penetration for Duct, Pre-Power Wash, Bias	6.84
111	6	10	05Z0790	444-01172005-01-111	Ceiling Penetration for Duct, Post-Power Wash, Bias	3.92
111	6	10	05Z0843	444-01242005-213-111	Ceiling Penetration for Duct, Post-Fixative, Bias	<0.1
112	6	10	05Z0451	444-12022004-213-249	Ceiling Penetration for Duct, Pre-Power Wash, Bias	4.4
112	6	10	05Z0790	444-01172005-01-112	Ceiling Penetration for Duct, Post - Power Wash, Bias	5.79
112	6	10	05Z0843	444-01242005-213-112	Ceiling Penetration for Duct, Post-Fixative, Bias	<0.1
113	6	10	05Z0451	444-12022004-213-250	Wall Penetration for Duct, Pre-Power Wash, Bias	0.792
113	6	10	05Z0790	444-01172005-01-113	Wall Penetration for Duct, Post-Power Wash, Bias	0.162
113	6	10	05Z0843	444-01242005-213-113	Wall Penetration for Duct, Post-Fixative, Bias	<0.1
114	6	11	05Z0451	444-12022004-213-251	Overhead Crane Rail, Pre-Power Wash, Bias	0.753
114	6	11	05Z0790	444-01172005-01-114	Overhead Crane Rail, Post-Power Wash, Bias	0.705
114	6	11	05Z0843	444-01242005-213-114	Overhead Crane Rail, Post-Fixative, Bias	<0.1

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Table C-6
VIA 6 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
115	6	10	05Z0451	444-12022004-213-252	Cooling Water Pipe, Pre-Power Wash, Bias	0.836
115	6	10	05Z0790	444-01172005-01-115	Cooling Water Pipe, Post-Power Wash, Bias	2.96
115	6	10	05Z0843	444-01242005-213-115	Cooling Water Pipe, Post-Fixative, Bias	<0.1
116	6	14	05Z0451	444-12022004-213-253	Ceiling, Pre-Power Wash, Bias	3.32
116	6	14	05Z0790	444-01172005-01-116	Ceiling, Post-Power Wash, Bias	<0.1
120	6	7	05Z0451	444-12022004-213-257	Awning Over Window, Pre-Power Wash, Bias	1.65
120	6	7	05Z0790	444-01172005-01-120	Awning Over Window, Post-Power Wash, Bias	0.514
120	6	7	05Z0843	444-01242005-213-120	Awning Over Window, Post-Fixative, Bias	<0.1
121	6	Elevator #2	05Z0453	444-12082004-213-326	Wall, Elevator # 2, Level 1, Pre-Power Wash, Bias	6.55
121	6	Elevator #2	05Z0661	444-12172004-213-227	Wall, Elevator # 2, Level 1, Post-Power Wash, Bias	2.03
121	6	Elevator #2	05Z0846	444-01262005-213-121	Wall, Elevator # 2, Level 1, Post-Fixative, Bias	<0.1
122	6	Elevator #2	05Z0453	444-12082004-213-327	Wall, Elevator # 2, Level 1, Pre-Power Wash, Bias	3.39
122	6	Elevator #2	05Z0661	444-12172004-213-226	Wall, Elevator # 2, Level 1, Post-Power Wash, Bias	2.89
122	6	Elevator #2	05Z0846	444-01262005-213-122	Wall, Elevator # 2, Level 1, Post-Fixative, Bias	<0.1
123	6	Elevator #2	05Z0453	444-12082004-213-328	Wall, Elevator # 2, Level 2, Pre-Power Wash, Bias	2.82
123	6	Elevator #2	05Z0661	444-12172004-213-225	Wall, Elevator # 2,Level 2 Post-Power Wash, Bias	2.66
123	6	Elevator #2	05Z0846	444-01262005-213-123	Wall, Elevator # 2, Level 2, Post-Fixative, Bias	<0.1
124	6	Elevator #2	05Z0453	444-12082004-213-329	Wall, Elevator # 2, Level 2, Pre-Power Wash, Bias	2.46
124	6	Elevator #2	05Z0661	444-12172004-213-224	Wall, Elevator # 2,Level 2 Post-Power Wash, Bias	1.32
124	6	Elevator #2	05Z0846	444-01262005-213-124	Wall, Elevator # 2, Level 2, Post-Fixative, Bias	<0.1
125	6	Elevator #2	05Z0453	444-12082004-213-330	Wall, Elevator # 2, Level 3, Pre-Power Wash, Bias	6.02
125	6	Elevator #2	05Z0661	444-12172004-213-223	Wall, Elevator # 2, Level 3, Post-Power Wash, Bias	3.29
125	6	Elevator #2	05Z0846	444-01262005-213-125	Wall, Elevator # 2, Level 3, Post-Fixative, Bias	<0.1
126	6	Elevator #2	05Z0453	444-12082004-213-331	Wall, Elevator # 2, Level 3, Pre-Power Wash, Bias	0.806
126	6	Elevator #2	05Z0661	444-12172004-213-222	Wall, Elevator # 2, Level 3, Post-Power Wash, Bias	80.7
126	6	Elevator #2	05Z0846	444-01262005-213-126	Wall, Elevator # 2, Level 3, Post-Fixative, Bias	<0.1
127	6	Elevator #2	05Z0453	444-12082004-213-332	Wall, Elevator # 2, Level 4, Pre-Power Wash, Bias	0.86
127	6	Elevator #2	05Z0661	444-12172004-213-220	Wall, Elevator # 2, Level 4, Post-Power Wash, Bias	1.25
127	6	Elevator #2	05Z0846	444-01262005-213-127	Wall, Elevator # 2, Level 4, Post-Fixative, Bias	<0.1
128	6	Elevator #2	05Z0453	444-12082004-213-333	Wall, Elevator # 2, Level 4, Pre-Power Wash, Bias	243

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Table C-6
VIA 6 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
128	6	Elevator #2	05Z0790	444-01172005-01-128	Wall, Elevator # 2, Level 4, Post-Power Wash, Bias	0.857
128	6	Elevator #2	05Z0846	444-01262005-213-128	Wall, Elevator # 2, Level 4, Post-Fixative, Bias	<0.1
129	6	Elevator #2	05Z0453	444-12082004-213-334	Wall, Elevator # 2, Level 5, Pre-Power Wash, Bias	6.92
129	6	Elevator #2	05Z0661	444-12172004-213-219	Wall, Elevator # 2, Level 5, Post-Power Wash, Bias	2.13
129	6	Elevator #2	05Z0846	444-01262005-213-129	Wall, Elevator # 2, Level 5, Post-Fixative, Bias	<0.1
130	6	Elevator #2	05Z0453	444-12082004-213-335	Wall, Elevator # 2, Level 5, Pre-Power Wash, Bias	1.58
130	6	Elevator #2	05Z0790	444-01172005-01-130	Wall, Elevator # 2, Level 5, Post-Power Wash, Bias	2.34
130	6	Elevator #2	05Z0846	444-01262005-213-130	Wall, Elevator # 2, Level 5, Post-Fixative, Bias	<0.1
131	6	Elevator #2	05Z0453	444-12082004-213-336	Wall, Elevator # 2, Level 6, Pre-Power Wash, Bias	1.76
131	6	Elevator #2	05Z0661	444-12172004-213-217	Wall, Elevator # 2, Level 6, Post-Power Wash, Bias	2.74
131	6	Elevator #2	05Z0846	444-01262005-213-131	Wall, Elevator # 2, Level 6, Post-Fixative, Bias	<0.1
132	6	Elevator #2	05Z0453	444-12082004-213-337	Wall, Elevator # 2, Level 6, Pre-Power Wash, Bias	1.23
132	6	Elevator #2	05Z0790	444-01172005-01-132	Wall, Elevator # 2, Level 6, Post-Power Wash, Bias	4.59
132	6	Elevator #2	05Z0846	444-01262005-213-132	Wall, Elevator # 2, Level 6, Post-Fixative, Bias	<0.1
133	6	Elevator #1	05Z0661	444-12172004-213-201	Wall, Elevator # 1, Level 6, Pre-Power Wash, Bias	9.31
133	6	Elevator #1	05Z0790	444-01172005-01-133	Wall, Elevator # 1, Level 6, Post-Power Wash, Bias	0.529
133	6	Elevator #1	05Z0847	444-01282005-213-133	Wall, Elevator # 1, Level 6, Post-Fixative, Bias	<0.1
134	6	Elevator #1	05Z0661	444-12172004-213-202	Wall, Elevator # 1, Level 6, Pre-Power Wash, Bias	15.4
134	6	Elevator #1	05Z0790	444-01172005-01-134	Wall, Elevator # 1, Level 6, Post-Power Wash, Bias	0.972
134	6	Elevator #1	05Z0847	444-01282005-213-134	Wall, Elevator # 1, Level 6, Post-Fixative, Bias	<0.1
135	6	Elevator #1	05Z0661	444-12172004-213-203	Wall, Elevator # 1, Level 5, Pre-Power Wash, Bias	2.71
135	6	Elevator #1	05Z0790	444-01172005-01-135	Wall, Elevator # 1, Level 5, Post-Power Wash, Bias	3.17
135	6	Elevator #1	05Z0847	444-01282005-213-135	Wall, Elevator # 1, Level 5, Post-Fixative, Bias	<0.1
136	6	Elevator #1	05Z0661	444-12172004-213-204	Wall, Elevator # 1, Level 5, Pre-Power Wash, Bias	1.31
136	6	Elevator #1	05Z0790	444-01172005-01-136	Wall, Elevator # 1, Level 5, Post-Power Wash, Bias	0.214
136	6	Elevator #1	05Z0847	444-01282005-213-136	Wall, Elevator # 1, Level 5, Post-Fixative, Bias	<0.1
137	6	Elevator #1	05Z0661	444-12172004-213-205	Wall, Elevator # 1, Level 4, Pre-Power Wash, Bias	5.01
137	6	Elevator #1	05Z0790	444-01172005-01-137	Wall, Elevator # 1, Level 4, Post-Power Wash, Bias	0.465
137	6	Elevator #1	05Z0847	444-01282005-213-137	Wall, Elevator # 1, Level 4, Post-Fixative, Bias	<0.1

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Table C-6
VIA 6 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
138	6	Elevator #1	05Z0661	444-12172004-213-206	Wall, Elevator # 1, Level 4, Pre-Power Wash, Bias	0.536
138	6	Elevator #1	05Z0790	444-01172005-01-138	Wall, Elevator # 1, Level 4, Post-Power Wash, Bias	<0.1
139	6	Elevator #1	05Z0661	444-12172004-213-207	Wall, Elevator # 1, Level 3, Pre-Power Wash, Bias	1.04
139	6	Elevator #1	05Z0790	444-01172005-01-139	Wall, Elevator # 1, Level 3, Post-Power Wash, Bias	0.22
139	6	Elevator #1	05Z0847	444-01282005-213-139	Wall, Elevator # 1, Level 3, Post-Fixative, Bias	<0.1
140	6	Elevator #1	05Z0661	444-12172004-213-208	Wall, Elevator # 1, Level 3, Pre-Power Wash, Bias	5.67
140	6	Elevator #1	05Z0790	444-01172005-01-140	Wall, Elevator # 1, Level 3, Post-Power Wash, Bias	0.288
140	6	Elevator #1	05Z0847	444-01282005-213-140	Wall, Elevator # 1, Level 3, Post-Fixative, Bias	<0.1
141	6	Elevator #1	05Z0661	444-12172004-213-209	Wall, Elevator # 1, Level 2, Pre-Power Wash, Bias	2.75
141	6	Elevator #1	05Z0790	444-01172005-01-141	Wall, Elevator # 1, Level 2, Post-Power Wash, Bias	0.202
141	6	Elevator #1	05Z0847	444-01282005-213-141	Wall Elevator # 1, Level 2, Post-Fixative, Bias	<0.1
142	6	Elevator #1	05Z0661	444-12172004-213-210	Wall, Elevator # 1, Level 2, Pre-Power Wash, Bias	1.79
142	6	Elevator #1	05Z0790	444-01172005-01-142	Wall, Elevator # 1, Level 2, Post-Power Wash, Bias	0.319
142	6	Elevator #1	05Z0847	444-01282005-213-142	Wall Elevator # 1, Level 2, Post-Fixative, Bias	<0.1
143	6	Elevator #1	05Z0661	444-12172004-213-211	Wall, Elevator # 1, Level 1, Pre-Power Wash, Bias	1.02
143	6	Elevator #1	05Z0790	444-01172005-01-143	Wall, Elevator # 1, Level 1, Post-Power Wash, Bias	0.232
143	6	Elevator #1	05Z0847	444-01282005-213-143	Wall, Elevator # 1, Level 1, Post-Fixative, Bias	<0.1
144	6	Elevator #1	05Z0661	444-12172004-213-212	Wall, Elevator # 1, Level 1, Pre-Power Wash, Bias	1.28
144	6	Elevator #1	05Z0790	444-01172005-01-144	Wall, Elevator # 1, Level 1, Post-Power Wash, Bias	0.697
144	6	Elevator #1	05Z0847	444-01282005-213-144	Wall, Elevator # 1, Level 1, Post-Fixative, Bias	<0.1
145	6	Elevator #2	05Z0661	444-12172004-213-216	Wall, Elevator # 2, Level 6, Post-Power Wash, Bias	0.729
145	6	Elevator #2	05Z0846	444-01262005-213-145	Wall, Elevator # 2, Level 6, Post-Fixative, Bias	<0.1
146	6	Elevator #2	05Z0661	444-12172004-213-218	Wall, Elevator # 2, Level 5, Post Power Wash, Bias	0.72
146	6	Elevator #2	05Z0846	444-01262005-213-146	Wall, Elevator # 2, Level 5, Post-Fixative, Bias	<0.1
147	6	Elevator #2	05Z0661	444-12172004-213-221	Wall, Elevator # 2, Level 4, Post-Power Wash, Bias	18.5
147	6	Elevator #2	05Z0846	444-01262005-213-147	Wall, Elevator # 2, Level 4, Post-Fixative, Bias	<0.1
201	6	9A	04Z2454	444-08242004-213-201	Roof, Pre-Fixative, Bias	<0.1
202	6	9A	04Z2454	444-08242004-213-202	Vertical Pipes on Roof, Pre-Fixative, Bias	<0.1
203	6	9A	04Z2454	444-08242004-213-203	Beam, Pre-Fixative, Bias	<0.1
204	6	9A	04Z2454	444-08242004-213-204	Roof, Pre-Fixative, Bias	<0.1
205	6	9A	04Z2454	444-08242004-213-205	Roof, Beam, Pre-Fixative, Bias	<0.1
206	6	9A	04Z2454	444-08242004-213-206	Roof, Hatch, Pre-Fixative, Bias	<0.1

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Table C-6
VIA 6 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
207	6	9A	04Z2454	444-08242004-213-207	Roof, Beam, Pre-Fixative, Bias	<0.1
208	6	9A	04Z2454	444-08242004-213-208	Roof, Fan and Motor, Pre-Fixative, Bias	<0.1
209	6	9A	04Z2454	444-08242004-213-209	Roof, Hatch, Pre-Fixative, Bias	<0.1
210	6	9A	04Z2454	444-08242004-213-210	Roof, Pre-Fixative, Bias	<0.1
211	6	9A	04Z2454	444-08242004-213-211	Roof, Beam, Pre-Fixative, Bias	<0.1
212	6	9A	04Z2454	444-08242004-213-212	Roof, Pre-Fixative, Bias	<0.1
213	6	9A	04Z2454	444-08242004-213-213	Roof, Beam, Pre-Fixative, Bias	<0.1
214	6	9A	04Z2454	444-08242004-213-214	Roof, Beam, Pre-Fixative, Bias	<0.1
215	6	9A	04Z2454	444-08242004-213-215	Roof, Beam, Pre-Fixative, Bias	<0.1
216	6	9A	04Z2454	444-08242004-213-216	Roof, Beam, Pre-Fixative, Bias	<0.1
217	6	9A	04Z2454	444-08242004-213-217	Roof, Beam, Pre-Fixative, Bias	<0.1
218	6	9A	04Z2454	444-08242004-213-218	Roof, Beam, Pre-Fixative, Bias	<0.1
219	6	9A	04Z2454	444-08242004-213-219	Roof, Beam, Pre-Fixative, Bias	<0.1
223	6	9A	04Z2566	444-09112004-01-223	Bottom, Northeast Sump Pit, Bias	<0.1
224	6	9A	04Z2480	444-09162004-617-002	Bottom, SE Sump Pit, Post-Fixative, Bias	<0.1
224	6	9A	04Z2566	444-09112004-01-224	Bottom, Southeast Sump Pit, Pre-Fixative, Bias	0.228
225	6	9A	04Z2566	444-09112004-01-225	Sump Pit Cover, Pre-Fixative, Bias	<0.1
226	6	9A	04Z2566	444-09112004-01-226	Floor, Pre-Fixative, Bias	<0.1
227	6	9A	04Z2566	444-09112004-01-227	Wall Penetration for Pipes, Pre-Fixative, Bias	<0.1
228	6	9A	04Z2566	444-09112004-01-228	Floor, Pre-Fixative, Bias	<0.1
229	6	9A	04Z2566	444-09112004-01-229	Floor, Pre-Fixative, Bias	<0.1
230	6	9A	04Z2566	444-09112004-01-230	Ladder Rungs, Pre-Fixative, Bias	<0.1
231	6	9A	04Z2566	444-09112004-01-231	Fire Line, Pre-Fixative, Bias	<0.1
232	6	9A	04Z2566	444-09112004-01-232	Inside Vent, Pre-Fixative, Bias	<0.1
233	6	9A	04Z2478	444-09142004-617-001	Roll-Up Door, Upper Left, Pre-Fixative, Bias	<0.1
234	6	9A	04Z2480	444-09162004-617-001	Wall, Southeast Sump Pit, Pre-Fixative, Bias	<0.1
235	6	9A	04Z2480	444-09162004-617-003	Wall, Southeast Sump Pit, Pre-Fixative, Bias	<0.1
236	6	15	05Z0843	444-01242005-213-236	Ceiling Track, Post-Fixative, Bias	0.126
236	6	15	05Z0919	444-02082005-313-236	Ceiling Track, Post-Fixative, Bias	<0.1
237	6	15	05Z0843	444-01242005-213-237	Ceiling Track, Post-Fixative, Bias	<0.1
238	6	10	05Z0843	444-01242005-213-238	Pipe, Post-Fixative, Bias	<0.1
239	6	10	05Z0843	444-01242005-213-239	Ceiling Penetration, Post-Fixative, Bias	<0.1
240	6	10	05Z0843	444-01242005-213-240	Wall Penetration, Post-Fixative, Bias	<0.1
241	6	11	05Z0843	444-01242005-213-241	Overhead Crane Rail, Post-Fixative, Bias	<0.1
242	6	10	05Z0843	444-01242005-213-242	Ceiling Penetration, Post-Fixative, Bias	<0.1
243	6	10	05Z0843	444-01242005-213-243	Wall Penetration for Duct, Post-Fixative, Bias	<0.1
244	6	7	05Z0843	444-01242005-213-244	Awning, Post-Fixative, Bias	<0.1
245	6	7	05Z0843	444-01242005-213-245	Overhead Crane Rail, Post-Fixative, Bias	<0.1
246	6	7	05Z0843	444-01242005-213-246	Pipe, Post-Fixative, Bias	<0.1
247	6	7	05Z0843	444-01242005-213-247	Storm Drain Pipe, Post-Fixative, Bias	<0.1
248	6	8	05Z0843	444-01242005-213-248	Wall, Post-Fixative, Bias	<0.1
249	6	10	05Z0843	444-01242005-213-249	Wall, Post-Fixative, Bias	<0.1
250	6	10	05Z0843	444-01242005-213-250	Wall, Post-Fixative, Bias	<0.1
251	6	11	05Z0843	444-01242005-213-251	Wall, Post-Fixative, Bias	<0.1
252	6	10	05Z0843	444-01242005-213-252	Wall, Post-Fixative, Bias	<0.1
253	6	1	05Z0843	444-01242005-213-253	Wall, Post-Fixative, Bias	<0.1
254	6	3	05Z0843	444-01242005-213-254	Wall, Post-Fixative, Bias	<0.1

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Table C-6
VIA 6 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
255	6	10	05Z0843	444-01242005-213-255	Ceiling Track, Post-Fixative, Bias	<0.1
256	6	10A	05Z0843	444-01242005-213-256	Ceiling Track, Post-Fixative, Bias	<0.1
257	6	10	05Z0843	444-01242005-213-257	Ceiling Track, Post-Fixative, Bias	<0.1
258	6	8	05Z0843	444-01242005-213-258	Ceiling Track, Post-Fixative, Bias	<0.1
259	6	8	05Z0843	444-01242005-213-259	Ceiling Track, Post-Fixative, Bias	<0.1
260	6	14	05Z0843	444-01242005-213-260	Ceiling Track, Post-Fixative, Bias	<0.1
261	6	2B	05Z0843	444-01242005-213-261	Ceiling Track, Post-Fixative, Bias	<0.1
262	6	10	05Z0843	444-01242005-213-262	Ceiling Track, Post-Fixative, Bias	<0.1
263	6	6	05Z0843	444-01242005-213-263	Ceiling Track, Post-Fixative, Bias	<0.1
264	6	10	05Z0843	444-01242005-213-264	Ceiling Track, Post-Fixative, Bias	<0.1
265	6	7	05Z0843	444-01242005-213-265	Ceiling Track, Post-Fixative, Bias	<0.1
266	6	1	05Z0843	444-01242005-213-266	Wall Penetration for Pipes, Post-Fixative, Bias	0.554
266	6	1	05Z0919	444-02082005-313-266	Wall Penetration for Pipes, Post-Fixative, Bias	<0.1
267	6	1	05Z0843	444-01242005-213-267	Wall Penetration, Post-Fixative, Bias	<0.1
268	6	1	05Z0843	444-01242005-213-268	Wall Penetration, Post-Fixative, Bias	<0.1
269	6	1	05Z0843	444-01242005-213-269	Storm Drain Pipe, Post-Fixative, Bias	<0.1
270	6	1	05Z0843	444-01242005-213-270	Wall Penetration, Post-Fixative, Bias	<0.1
271	6	1	05Z0843	444-01242005-213-271	Pipe, Post-Fixative, Bias	0.221
271	6	1	05Z0919	444-02082005-313-271	Pipe, Post-Fixative, Bias	<0.1
272	6	1	05Z0843	444-01242005-213-272	Ceiling Penetration, Post-Fixative, Bias	<0.1
273	6	1	05Z0843	444-01242005-213-273	Ceiling Track, Post-Fixative, Bias	<0.1
274	6	7B	05Z0843	444-01242005-213-274	Ceiling Track, Post-Fixative, Bias	<0.1
275	6	15	05Z0843	444-01242005-213-275	Floor, Post-Fixative, Bias	<0.1
276	6	11	05Z0843	444-01242005-213-276	Floor, Post-Fixative, Bias	<0.1
277	6	10	05Z0843	444-01242005-213-277	Floor, Post-Fixative, Bias	0.252
277	6	10	05Z0919	444-02082005-313-277	Floor, Post-Fixative, Bias	<0.1
278	6	10	05Z0843	444-01242005-213-278	Floor, Post-Fixative, Bias	0.458
278	6	10	05Z0919	444-02082005-313-278	Floor, Post-Fixative, Bias	<0.1
279	6	10	05Z0843	444-01242005-213-279	Floor, Post-Fixative, Bias	0.849
279	6	10	05Z0919	444-02082005-313-279	Floor, Post-Fixative, Bias	<0.1
280	6	Corridor South	05Z0919	444-02082005-313-280	Floor, Post-Fixative, Bias	<0.1
280	6	Corridor, South	05Z0843	444-01242005-213-280	Floor, Post-Fixative, Bias	0.124
281	6	7D	05Z0843	444-01242005-213-281	Floor, Post-Fixative, Bias	0.214
281	6	7D	05Z0919	444-02082005-313-281	Floor, Post-Fixative, Bias	<0.1
282	6	8	05Z0843	444-01242005-213-282	Floor, Post-Fixative, Bias	<0.1
283	6	7	05Z0843	444-01242005-213-283	Floor, Post-Fixative, Bias	0.123
283	6	7	05Z0919	444-02082005-313-283	Floor, Post-Fixative, Bias	<0.1
284	6	7	05Z0843	444-01242005-213-284	Floor, Post-Fixative, Bias	<0.1
285	6	7A	05Z0843	444-01242005-213-285	Floor, Post-Fixative, Bias	<0.1
286	6	7	05Z0843	444-01242005-213-286	Floor, Post-Fixative, Bias	0.142
286	6	7	05Z0919	444-02082005-313-286	Floor, Post-Fixative, Bias	<0.1
287	6	14	05Z0843	444-01242005-213-287	Floor, Post-Fixative, Bias	0.122
287	6	14	05Z0919	444-02082005-313-287	Floor, Post-Fixative, Bias	<0.1
288	6	13	05Z0843	444-01242005-213-288	Floor, Post-Fixative, Bias	2.87
288	6	13	05Z0919	444-02082005-313-288	Floor, Post-Fixative, Bias	<0.1
289	6	7	05Z0843	444-01242005-213-289	Floor, Post-Fixative, Bias	<0.1
290	6	1	05Z0843	444-01242005-213-290	Floor, Post-Fixative, Bias	<0.1
291	6	7B	05Z0843	444-01242005-213-291	Floor, Post-Fixative, Bias	<0.1
292	6	7B	05Z0843	444-01242005-213-292	Floor, Post-Fixative, Bias	<0.1
293	6	1	05Z0843	444-01242005-213-293	Floor, Post-Fixative, Bias	<0.1
294	6	1	05Z0843	444-01242005-213-294	Floor, Post-Fixative, Bias	<0.1
295	6	1	05Z0843	444-01242005-213-295	Floor, Post-Fixative, Bias	<0.1
306	6	Elevator #2	05Z0842	444-01222005-01-229	Ram in Bottom of Elevator, Pre-Fixative, Bias.	26.9

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Table C-6
VIA 6 Beryllium Data Summary

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
306	6	Elevator #2	05Z0847	444-01282005-213-306	Ram in Bottom of Elevator, Post-Fixative, Bias	0.32
306	6	Elevator #2	05Z0919	444-02082005-313-306	Ram, Bottom of Elevator #2, Post-Fixative, Bias	<0.1
311	6	Elevator #2	05Z0847	444-01282005-213-311	Floor, Post-Fixative, Bias	<0.1
312	6	Elevator #2	05Z0847	444-01282005-213-312	Floor, Post-Fixative, Bias	<0.1
313	6	Elevator #1	05Z0847	444-01282005-213-313	Floor, Post-Fixative, Bias	<0.1
314	6	Elevator #1	05Z0847	444-01282005-213-314	Floor, Post-Fixative, Bias	0.166
314	6	Elevator #1	05Z0919	444-02082005-313-314	Floor, Elevator #1, Post-Fixative, Bias	<0.1
315	6	Elevator #1	05Z0847	444-01282005-213-315	Floor, Post-Fixative, Bias	<0.1
316	6	10	05D0514	444-02032005-313-316	Floor, Small Sump Pit 4, Pre-Fixative, Bias	37.4
316	6	10	05Z0919	444-02082005-313-316	Floor, Small Sump Pit 4, Post-Fixative, Bias	<0.1
317	6	10	05D0514	444-02032005-313-317	Wall, Small Sump Pit 4, Pre-Fixative, Bias	23.3
317	6	10	05Z0919	444-02082005-313-317	Wall, Small Sump Pit 4, Post-Fixative, Bias	<0.1
318	6	10	05D0514	444-02032005-313-318	Wall, Large Sump Pit 5, Pre-Fixative, Bias	0.17
318	6	10	05Z0919	444-02082005-313-318	Wall, Large Sump Pit 5, Post-Fixative, Bias	<0.1
319	6	10	05D0514	444-02032005-313-319	Floor, Large Sump Pit 5, Pre-Fixative, Bias	<0.1
320	6	10	05D0514	444-02032005-313-320	Floor, Large Sump Pit 5, Pre-Fixative, Bias	0.121
320	6	10	05Z0919	444-02082005-313-320	Floor, Large Sump Pit 5, Post-Fixative, Bias	<0.1
321	6	Utility Tunnel	05Z0919	444-02082005-313-321	Floor, North Utility Tunnel, Pre-Fixative, Bias	<0.1
322	6	Utility Tunnel	05Z0919	444-02082005-313-322	Floor, North Utility Tunnel, Pre-Fixative, Bias	<0.1
323	6	Utility Tunnel	05Z0919	444-02082005-313-323	Floor, North Utility Tunnel, Pre-Fixative, Bias	<0.1
324	6	Utility Tunnel	05Z0919	444-02082005-313-324	Floor, North Utility Tunnel, Pre-Fixative, Bias	<0.1
325	6	Utility Tunnel	05Z0919	444-02082005-313-325	Wall, North Utility Tunnel, Pre-Fixative, Bias	<0.1
326	6	Utility Tunnel	05Z0919	444-02082005-313-326	Wall, North Utility Tunnel, Pre-Fixative, Bias	<0.1
327	6	Utility Tunnel	05Z0919	444-02082005-313-327	Wall, North Utility Tunnel, Pre-Fixative, Bias	<0.1
328	6	Utility Tunnel	05Z0919	444-02082005-313-328	Wall, North Utility Tunnel, Pre-Fixative, Bias	<0.1
329	6	Utility Tunnel	05Z0919	444-02082005-313-329	Ceiling, Pre-Fixative, Bias	<0.1
330	6	Utility Tunnel	05Z0919	444-02082005-313-330	Ceiling, Pre-Fixative, Bias	<0.1
233A	6	9A	04Z2478	444-09142004-617-002	Roll-Up Door, Upper Right, Bias	<0.1
233B	6	9A	04Z2478	444-09142004-617-003	Roll-Up Door, Lower Center, Bias	<0.1

Footnotes:

(1) Shaded rows are beryllium results prior to the application of final fixative. The unshaded rows are the final "as left" condition sample results. Fixative was applied over all elevated locations as well as extending to the boundaries of clean sample locations surrounding the elevated locations. No further investigation sampling is required.

All initial sample locations above 0.1 ug/100cm2 had fixative applied and were then re-sampled.

Also, additonal biased post-fixative samples were collected in the same general area of the initial elevated sample locations.

(2) Gaps in the sample numbering sequence are acceptable. Some sample numbers were never used. Some sample numbers were elevated, then decontaminated, and then resampled using the same initial sample number or another sample number.

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ATTACHMENT C-7

VIA 7 PDS BERYLLIUM DATA SUMMARIES AND SAMPLE MAPS

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Table C-7
VIA 7 Beryllium Sample Data

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
1	7	Former Plenum Chase	05Z0920	444-02082005-313-001	Floor, Post-Fixative, Random	<0.1
2	7	Former Plenum Chase	05Z0920	444-02082005-313-002	Floor, Post-Fixative, Random	<0.1
3	7	Former Plenum Chase	05Z0920	444-02082005-313-003	Floor, Post-Fixative, Random	<0.1
4	7	Former Plenum Chase	05Z0920	444-02082005-313-004	Floor, Post-Fixative, Random	<0.1
5	7	Former Plenum Chase	05Z0920	444-02082005-313-005	Floor, Post-Fixative, Random	<0.1
6	7	Former Plenum Chase	05Z0920	444-02082005-313-006	Floor, Post-Fixative, Random	<0.1
7	7	Former Plenum Chase	05Z0842	444-01222005-01-221	Floor, Pre-Fixative, Random	83.6
7	7	Former Plenum Chase	05Z0920	444-02082005-313-007	Floor, Post-Fixative, Random, Rewipe	<0.1
8	7	Former Plenum Chase	05Z0920	444-02082005-313-008	Floor, Post-Fixative, Random	<0.1
9	7	Former Plenum Chase	05Z0920	444-02082005-313-009	Floor, Post-Fixative, Random	<0.1
10	7	Former Plenum Chase	05Z0842	444-01222005-01-209	Floor, Pre-Fixative, Random	10.5
10	7	Former Plenum Chase	05Z0920	444-02082005-313-010	Floor, Post-Fixative, Random, Rewipe	<0.1
11	7	Former Plenum Chase	05Z0920	444-02082005-313-011	Floor, Post-Fixative, Random	<0.1
12	7	Former Plenum Chase	05Z0920	444-02082005-313-012	Floor, Post-Fixative, Random	<0.1
13	7	Former Plenum Chase	05Z0842	444-01222005-01-215	Floor, Pre-Fixative, Random	8.58
13	7	Former Plenum Chase	05Z0920	444-02082005-313-013	Floor, Post-Fixative, Random, Rewipe	<0.1
14	7	Former Plenum Chase	05Z0920	444-02082005-313-014	Floor, Post-Fixative, Random	<0.1
15	7	Former Plenum Chase	05Z0920	444-02082005-313-015	Floor, Post-Fixative, Random	<0.1
16	7	Former Plenum Chase	05Z0920	444-02082005-313-016	Floor, Post-Fixative, Random	<0.1
17	7	Former Plenum Chase	05Z0842	444-01222005-01-205	Floor, Pre-Fixative, Random	12.4
17	7	Former Plenum Chase	05Z0920	444-02082005-313-017	Floor, Post-Fixative, Random, Rewipe	<0.1
18	7	Former Plenum Chase	05Z0920	444-02082005-313-018	Floor, Post-Fixative, Random	<0.1
19	7	Former Plenum Chase	05Z0920	444-02082005-313-019	Floor, Post-Fixative, Random	<0.1
20	7	Former Plenum Chase	05Z0920	444-02082005-313-020	Floor, Post-Fixative, Random	<0.1
21	7	Former Plenum Chase	05Z0920	444-02082005-313-021	Floor, Post-Fixative, Random	<0.1
22	7	Former Plenum Chase	05Z0920	444-02082005-313-022	Floor, Post-Fixative, Random	<0.1
23	7	Former Plenum Chase	05Z0920	444-02082005-313-023	Floor, Post-Fixative, Random	<0.1
24	7	Former Plenum Chase	05Z0920	444-02082005-313-024	Floor, Post-Fixative, Random	<0.1
25	7	Former Plenum Chase	05Z0842	444-01222005-01-210	Floor, Pre-Fixative, Random	5.3
25	7	Former Plenum Chase	05Z0920	444-02082005-313-025	Floor, Post-Fixative, Random, Rewipe	<0.1
201	7	Former Plenum Chase	05Z0842	444-01222005-01-201	Floor, Pre-Fixative, Bias	17.9

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Table C-7
VIA 7 Beryllium Sample Data

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
201	7	Former Plenum Chase	05Z0920	444-02082005-313-201	Floor, Post-Fixative, Bias, Rewipe	<0.1
202	7	Former Plenum Chase	05Z0842	444-01222005-01-202	Filter Frame, Pre-Fixative, Bias	21.6
202	7	Former Plenum Chase	05Z0920	444-02082005-313-202	Filter Frame, Post-Fixative, Bias, Rewipe	<0.1
203	7	Former Plenum Chase	05Z0842	444-01222005-01-203	Filter Frame, Pre-Fixative, Bias	3.88
203	7	Former Plenum Chase	05Z0920	444-02082005-313-203	Filter Frame, Post-Fixative, Bias, Rewipe	<0.1
204	7	Former Plenum Chase	05Z0842	444-01222005-01-204	Filter Frame, Pre-Fixative, Bias	11.4
204	7	Former Plenum Chase	05Z0920	444-02082005-313-204	Filter Frame, Post-Fixative, Bias, Rewipe	<0.1
206	7	Former Plenum Chase	05Z0842	444-01222005-01-206	Filter Frame, Pre-Fixative, Bias	9.07
206	7	Former Plenum Chase	05Z0920	444-02082005-313-206	Filter Frame, Post-Fixative, Bias, Rewipe	<0.1
207	7	Former Plenum Chase	05Z0842	444-01222005-01-207	Filter Frame, Pre-Fixative, Bias	4.26
207	7	Former Plenum Chase	05Z0920	444-02082005-313-207	Filter Frame, Post-Fixative, Bias, Rewipe	<0.1
208	7	Former Plenum Chase	05Z0842	444-01222005-01-208	Filter Frame, Pre-Fixative, Bias	1.75
208	7	Former Plenum Chase	05Z0920	444-02082005-313-208	Filter Frame, Post-Fixative, Bias, Rewipe	<0.1
211	7	Former Plenum Chase	05Z0842	444-01222005-01-211	Filter Frame, Pre-Fixative, Bias	2.81
211	7	Former Plenum Chase	05Z0920	444-02082005-313-211	Filter Frame, Post-Fixative, Bias, Rewipe	<0.1
212	7	Former Plenum Chase	05Z0842	444-01222005-01-212	Filter Frame, Pre-Fixative, Bias	2.9
212	7	Former Plenum Chase	05Z0920	444-02082005-313-212	Filter Frame, Post-Fixative, Bias, Rewipe	<0.1
213	7	Former Plenum Chase	05Z0842	444-01222005-01-213	Filter Frame, Pre-Fixative, Bias	3.22
213	7	Former Plenum Chase	05Z0920	444-02082005-313-213	Filter Frame, Post-Fixative, Bias, Rewipe	<0.1
214	7	Former Plenum Chase	05Z0842	444-01222005-01-214	Filter Frame, Pre-Fixative, Bias	12.6
214	7	Former Plenum Chase	05Z0920	444-02082005-313-214	Filter Frame, Post-Fixative, Bias, Rewipe	<0.1
216	7	Former Plenum Chase	05Z0842	444-01222005-01-216	Column J17, Pre-Fixative, Bias	2.83
216	7	Former Plenum Chase	05Z0920	444-02082005-313-216	Column J17, Post-Fixative, Bias, Rewipe	<0.1
217	7	Former Plenum Chase	05Z0842	444-01222005-01-217	Pipe and Hanger, Pre-Fixative, Bias	0.748
217	7	Former Plenum Chase	05Z0920	444-02082005-313-217	Pipe and Hanger, Post-Fixative, Bias (Pipe and Hangers Removed), Rewipe	<0.1
218	7	Former Plenum Chase	05Z0842	444-01222005-01-218	Louvers, Pre-Fixative, Bias	3.83
218	7	Former Plenum Chase	05Z0920	444-02082005-313-218	Louvers, Post-Fixative, Bias, Rewipe	<0.1
219	7	Former Plenum Chase	05Z0842	444-01222005-01-219	Filter Frame and Ceiling, Pre-Fixative, Bias	0.849
219	7	Former Plenum Chase	05Z0920	444-02082005-313-219	Filter Frame and Ceiling, Post-Fixiative, Bias, Rewipe	<0.1
220	7	Former Plenum Chase	05Z0842	444-01222005-01-220	Concrete Duct, Pre-Fixative, Bias	6.94
220	7	Former Plenum Chase	05Z0920	444-02082005-313-220	Concrete Duct, Post-Fixative, Bias, Rewipe	<0.1

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Table C-7
VIA 7 Beryllium Sample Data

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
222	7	Former Plenum Chase	05Z0842	444-01222005-01-222	Louvers, Pre-Fixative, Bias	44.5
222	7	Former Plenum Chase	05Z0920	444-02082005-313-222	Louvers, Post-Fixative, Bias, Rewipe	<0.1
223	7	Former Plenum Chase	05Z0842	444-01222005-01-223	Wall, Pre-Fixative, Bias	4.89
223	7	Former Plenum Chase	05Z0920	444-02082005-313-223	Wall, Post-Fixative, Bias, Rewipe	<0.1
224	7	Former Plenum Chase	05Z0842	444-01222005-01-224	Pipe, Pre-Fixative, Bias	33.3
224	7	Former Plenum Chase	05Z0920	444-02082005-313-224	Pipe, Post-Fixative, Bias (Pipe Removed), Rewipe	<0.1
225	7	Former Plenum Chase	05Z0842	444-01222005-01-225	Light, Pre-Fixative, Bias	40
225	7	Former Plenum Chase	05Z0920	444-02082005-313-225	Light, Post-Fixative, Bias (Light Removed), Rewipe	<0.1
226	7	Former Plenum Chase	05Z0842	444-01222005-01-226	Pipe, Pre-Fixative, Bias	24.6
226	7	Former Plenum Chase	05Z0920	444-02082005-313-226	Pipe, Post-Fixative, Bias (Pipe Removed), Rewipe	<0.1
227	7	Former Plenum Chase	05Z0842	444-01222005-01-227	Ceiling, Pre-Fixative, Bias	2.32
227	7	Former Plenum Chase	05Z0920	444-02082005-313-227	Ceiling, Post-Fixative, Bias, Rewipe	<0.1
228	7	Former Plenum Chase	05Z0842	444-01222005-01-228	Pipe and Hanger, Pre-Fixative, Bias	201
228	7	Former Plenum Chase	05Z0920	444-02082005-313-228	Pipe and Hanger, Post-Fixative, Bias (Pipe and Hangers Removed), Rewipe	<0.1

Footnotes:

(1) Shaded rows are beryllium results prior to the application of final fixative. The unshaded rows are the final "as left" condition sample results. Fixative was applied over all elevated locations as well as extending to the boundaries of clean sample locations surrounding the elevated locations. No further investigation sampling is required.

All initial sample locations above 0.1 ug/100cm2 had fixative applied and were then re-sampled.

Also, additonal biased post-fixative samples were collected in the same general area of the initial elevated sample locations.

(2) Gaps in the sample numbering sequence are acceptable. Some sample numbers were never used. Some sample numbers were elevated, then decontaminated, and then resampled using the same initial sample number or another sample number.

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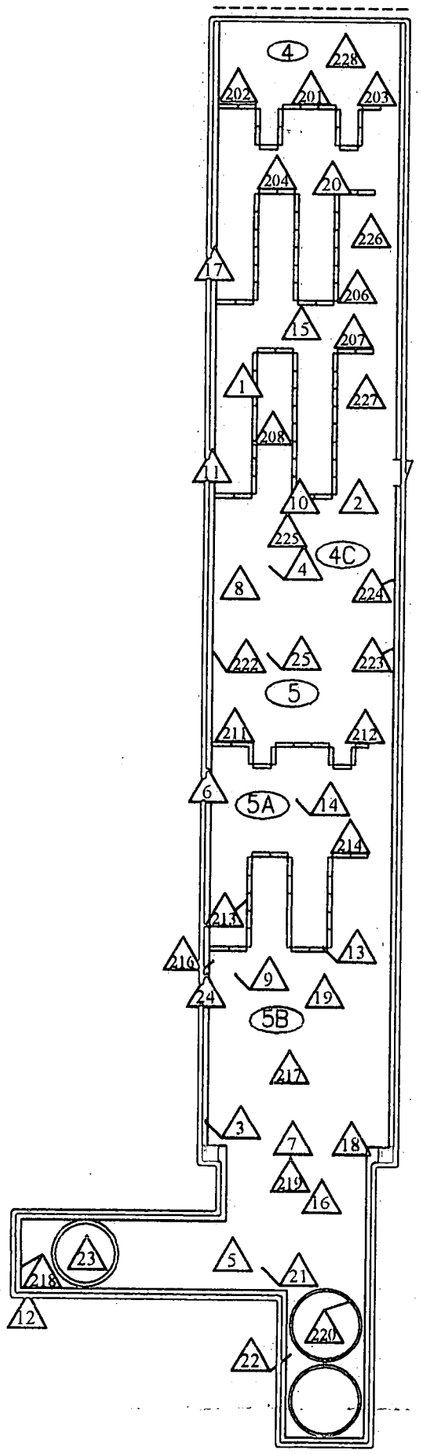
PDS BERYLLIUM SAMPLE MAP

BLDG: 444 Survey Area: VIA-7 Survey Unit: N/A Classification: N/A

Survey Area/Unit Description:

Floor Area: 3139 sq.ft. Total Area: N/A Grid Spacing for Survey Area: N/A



SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- ---- Exterior Wall Removed

N

0 FEET 16

0 METERS 5.0

1 inch = 16 feet

1 grid sq. = 1 sq. m.

U.S. Department of Energy

Rocky Flats Environmental Technology Site

Prepared by: RFCSS Rocky Flats Closure Site Services, LLC. A Jacobs Engineering Group Company

Prepared for: KAISER HILL

File Name: B444_VIA-7_Be.DWG | Sheet: 1 of 1 | Rev: 2

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ATTACHMENT C-8

VIA 8 PDS BERYLLIUM DATA SUMMARIES AND SAMPLE MAPS

Table C-8
VIA 8 Beryllium Data Summary

Rev 2.

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
1	B444-8	SP-1	05Z0065	444-10082004-607-101	B444-OUTSIDE-PDS SAMPLE POINT 1 - SP-1 - ON ELECTRICAL PANEL	<0.1
1	B444-8	SP-2	05Z0065	444-10082004-607-121	B444-OUTSIDE-PDS SAMPLE POINT 1 - SP-2 - FLOOR	<0.1
1	B444-8	SP-3	05Z0067	444-10122004-607-101	B444-OUTSIDE-PDS SAMPLE POINT 1 - SP-3, FLOOR	<0.1
2	B444-8	SP-1	05Z0065	444-10082004-607-102	B444-OUTSIDE-PDS SAMPLE POINT 2 - SP-1 - FLOOR	<0.1
2	B444-8	SP-2	05Z0065	444-10082004-607-122	B444-OUTSIDE-PDS SAMPLE POINT 2 - SP-2 - FLOOR	<0.1
2	B444-8	SP-3	05Z0067	444-10122004-607-102	B444-OUTSIDE-PDS SAMPLE POINT 2 - SP-3, FLOOR	<0.1
3	B444-8	SP-1	05Z0065	444-10082004-607-103	B444-OUTSIDE-PDS SAMPLE POINT 3 - SP-1 - FLOOR	<0.1
3	B444-8	SP-2	05Z0065	444-10082004-607-123	B444-OUTSIDE-PDS SAMPLE POINT 3 - SP-2 - FLOOR	<0.1
3	B444-8	SP-3	05Z0067	444-10122004-607-103	B444-OUTSIDE-PDS SAMPLE POINT 3 - SP-3, FLOOR	<0.1
4	B444-8	SP-1	05Z0065	444-10082004-607-104	B444-OUTSIDE-PDS SAMPLE POINT 4 - SP-1 - FLOOR	<0.1
4	B444-8	SP-2	05Z0065	444-10082004-607-124	B444-OUTSIDE-PDS SAMPLE POINT 4 - SP-2 - FLOOR	<0.1
4	B444-8	SP-3	05Z0067	444-10122004-607-104	B444-OUTSIDE-PDS SAMPLE POINT 4 - SP-3, FLOOR	<0.1
5	B444-8	SP-1	05Z0065	444-10082004-607-105	B444-OUTSIDE-PDS SAMPLE POINT 5 - SP-1 - FLOOR	<0.1
5	B444-8	SP-2	05Z0065	444-10082004-607-125	B444-OUTSIDE-PDS SAMPLE POINT 5 - SP-2 - FLOOR	<0.1
5	B444-8	SP-3	05Z0067	444-10122004-607-105	B444-OUTSIDE-PDS SAMPLE POINT 5 - SP-3, FLOOR	<0.1
6	B444-8	SP-1	05Z0065	444-10082004-607-106	B444-OUTSIDE-PDS SAMPLE POINT 6 - SP-1 - FLOOR DRAIN, NE CORNER	<0.1
6	B444-8	SP-2	05Z0065	444-10082004-607-126	B444-OUTSIDE-PDS SAMPLE POINT 6 - SP-2 - FLOOR	<0.1
6	B444-8	SP-3	05Z0067	444-10122004-607-106	B444-OUTSIDE-PDS SAMPLE POINT 6 - SP-3, FLOOR	<0.1
7	B444-8	SP-1	05Z0065	444-10082004-607-107	B444-OUTSIDE-PDS SAMPLE POINT 7 - SP-1 - ON I-BEAM/CONCRETE PAD	<0.1
7	B444-8	SP-2	05Z0065	444-10082004-607-127	B444-OUTSIDE-PDS SAMPLE POINT 7 - SP-2 - FLOOR	<0.1
7	B444-8	SP-3	05Z0067	444-10122004-607-107	B444-OUTSIDE-PDS SAMPLE POINT 7 - SP-3, FLOOR	<0.1
8	B444-8	SP-1	05Z0065	444-10082004-607-108	B444-OUTSIDE-PDS SAMPLE POINT 8 - SP-1 - FLOOR	<0.1
8	B444-8	SP-2	05Z0065	444-10082004-607-128	B444-OUTSIDE-PDS SAMPLE POINT 8 - SP-2 - FLOOR	<0.1
8	B444-8	SP-3	05Z0067	444-10122004-607-108	B444-OUTSIDE-PDS SAMPLE POINT 8 - SP-3, FLOOR	<0.1
9	B444-8	SP-1	05Z0065	444-10082004-607-109	B444-OUTSIDE-PDS SAMPLE POINT 9 - SP-1 - FLOOR	<0.1
9	B444-8	SP-2	05Z0065	444-10082004-607-129	B444-OUTSIDE-PDS SAMPLE POINT 9 - SP-2 - FLOOR	<0.1
9	B444-8	SP-3	05Z0067	444-10122004-607-109	B444-OUTSIDE-PDS SAMPLE POINT 9 - SP-3, FLOOR	<0.1
10	B444-8	SP-1	05Z0065	444-10082004-607-110	B444-OUTSIDE-PDS SAMPLE POINT 10 - SP-1 - ON TOP OF CONDUIT	<0.1
10	B444-8	SP-2	05Z0065	444-10082004-607-130	B444-OUTSIDE-PDS SAMPLE POINT 10 - SP-2 - FLOOR	<0.1
10	B444-8	SP-3	05Z0067	444-10122004-607-110	B444-OUTSIDE-PDS SAMPLE POINT 10 - SP-3, FLOOR	<0.1
11	B444-8	SP-1	05Z0065	444-10082004-607-111	B444-OUTSIDE-PDS SAMPLE POINT 11 - SP-1 - FLOOR	<0.1
11	B444-8	SP-2	05Z0065	444-10082004-607-131	B444-OUTSIDE-PDS SAMPLE POINT 11 - SP-2 - FLOOR	<0.1
11	B444-8	SP-3	05Z0067	444-10122004-607-111	B444-OUTSIDE-PDS SAMPLE POINT 11 - SP-3, FLOOR	<0.1

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Table C-8
VIA 8 Beryllium Data Summary

Rev 2.

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
12	B444-8	SP-3	05Z0067	444-10122004-607-112	B444-OUTSIDE-PDS SAMPLE POINT 12 - SP-3, FLOOR	<0.1
13	B444-8	SP-3	05Z0067	444-10122004-607-113	B444-OUTSIDE-PDS SAMPLE POINT 13 - SP-3, FLOOR	<0.1
14	B444-8	SP-3	05Z0067	444-10122004-607-114	B444-OUTSIDE-PDS SAMPLE POINT 14 - SP-3, FLOOR	<0.1
15	B444-8	SP-3	05Z0067	444-10122004-607-115	B444-OUTSIDE-PDS SAMPLE POINT 15 - SP-3, FLOOR	<0.1
16	B444-8	SP-3	05Z0067	444-10122004-607-116	B444-OUTSIDE-PDS SAMPLE POINT 16 - SP-3, FLOOR	<0.1
17	B444-8	SP-3	05Z0067	444-10122004-607-117	B444-OUTSIDE-PDS SAMPLE POINT 17 - SP-3, FLOOR	<0.1
18	B444-8	SP-3	05Z0067	444-10122004-607-118	B444-OUTSIDE-PDS SAMPLE POINT 18 - SP-3, FLOOR	<0.1
19	B444-8	SP-3	05Z0067	444-10122004-607-119	B444-OUTSIDE-PDS SAMPLE POINT 19 - SP-3, FLOOR	<0.1
20	B444-8	SP-3	05Z0067	444-10122004-607-120	B444-OUTSIDE-BIAS SAMPLE POINT 20 - SP-3, FLOOR	<0.1
21	B444-8	SP-3	05Z0067	444-10122004-607-121	B444-OUTSIDE-BIAS SAMPLE POINT 21 - SP-3, FLOOR	<0.1
107	B444-8	SP-2	05Z0065	444-10082004-607-132	B444-OUTSIDE-BIAS SAMPLE - SP-2 - FLOOR UNDER HATCH	<0.1
108	B444-8	SP-2	05Z0065	444-10082004-607-133	B444-OUTSIDE-BIAS SAMPLE - SP-2 - FLOOR IN FRONT OF WEST DOOR	<0.1
109	B444-8	SP-2	05Z0065	444-10082004-607-134	B444-OUTSIDE-BIAS SAMPLE - SP-2 - ON TOP OF ELECTRICAL PANEL	<0.1
110	B444-8	SP-2	05Z0065	444-10082004-607-135	B444-OUTSIDE-BIAS SAMPLE - SP-2 - NE CORNER FLOOR DRAIN	<0.1
111	B444-8	SP-2	05Z0065	444-10082004-607-136	B444-OUTSIDE-BIAS SAMPLE - SP-2 - ON TOP OF LOUVER	<0.1
112	B444-8	SP-1	05Z0065	444-10082004-607-112	B444-OUTISE-BIAS SAMPLE - SP-1 - FLOOR UNDER HATCH	<0.1
113	B444-8	SP-1	05Z0065	444-10082004-607-113	B444-OUTSIDE-BIAS SAMPLE - SP-1 - ON EASTERN MOST ELECTRICAL PANEL	<0.1
114	B444-8	SP-1	05Z0065	444-10082004-607-114	B444-OUTSIDE-BIAS SAMPLE - SP-1 - FLOOR, WEST CENTER EDGE	<0.1
115	B444-8	SP-1	05Z0065	444-10082004-607-115	B444-OUTSIDE-BIAS SAMPLE - SP-1 - FLOOR AT WEST DOOR	<0.1
116	B444-8	SP-1	05Z0065	444-10082004-607-116	B444-OUTSIDE- BIAS SAMPLE - SP-1- ON FAN BELT SHROUD	<0.1
117	B444-8	SP-1	05Z0065	444-10082004-607-117	B444-OUTSIDE-BIAS SAMPLE - SP-1 - ON I-BEAM	<0.1
122	B444-8	ROOF	05Z0067	444-10122004-607-122	B444-OUTSIDE-BIAS SAMPLE- NORSAIRE COOLING UNIT - INSIDE NE DOOR LOWER HORIZONTAL SURFACE	<0.1
123	B444-8	ROOF	05Z0067	444-10122004-607-123	B444-OUTSIDE-BIAS SAMPLE-NORSAIRE COOLING UNIT - INSIDE CENTER EAST DOOR, UPPER HORIZONTAL SURFACE	<0.1
124	B444-8	ROOF	05Z0067	444-10122004-607-124	B444-OUTSIDE-BIAS SAMPLE-NORSAIRE COOLING UNIT - INSIDE SE DOOR, MIDDLE LEVEL SHELF	<0.1
125	B444-8	ROOF	05Z0067	444-10122004-607-125	B444-OUTSIDE-BIAS SAMLE-NORSAIRE COOLING UNIT - INSIDE SW DOOR, MIDDLE LEVEL SHELF	<0.1
126	B444-8	ROOF	05Z0067	444-10122004-607-126	B444-OUTSIDE-BIAS SAMPLE-NORSAIRE COOLING UNIT - INSIDE W DOOR, TOP OF FAN MOTOR	<0.1
127	B444-8	ROOF	05Z0067	444-10122004-607-127	B444-OUTSIDE-BIAS SAMPLE-NORSAIRE COOLING UNIT - INSIDE CENTER NW DOOR, FLOOR	<0.1
128	B444-8	ROOF	05Z0067	444-10122004-607-128	B444-OUTSIDE-BIAS SAMPLE-NORSAIRE COOLING UNIT - INSIDE NW DOOR, ANGLELED SHELF	<0.1
129	B444-8	ROOF	05Z0067	444-10122004-607-129	B444-OUTSIDE-BIAS SAMPLE - SP-4, INSIDE S DOOR ON W END, FLOOR	<0.1

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Table C-8
VIA 8 Beryllium Data Summary

Rev 2.

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
130	B444-8	ROOF	05Z0067	444-10122004-607-130	B444-OUTSIDE-BIAS SAMPLE - SP-4, INSIDE S DOOR ON E , ON DUCT	<0.1
131	B444-8	ROOF	05Z0067	444-10122004-607-131	B444-OUTSIDE-BIAS SAMPLE - SP-4, INSIDE N DOOR ON E END, ON DUCT	<0.1
132	B444-8	ROOF	05Z0067	444-10122004-607-132	B444-OUTSIDE-BIAS SAMPLE - DX COMPRESSOR, INSIDE UNIT	<0.1
133	B444-8	ROOF	05Z0067	444-10122004-607-133	B444-OUTSIDE-BIAS SAMPLE - TS COOLING UNIT - S SIDE	<0.1
134	B444-8	ROOF	05Z0067	444-10122004-607-134	B444-OUTSIDE-BIAS SAMPLE - TS COOLING UNIT - SN SIDE	<0.1
135	B444-8	ROOF	05Z0067	444-10122004-607-135	B444-OUTSIDE-BIAS SAMPLE - PACE/ CARGOCAIRE - INSIDE NE DOOR ON TOP OF FAN	<0.1
136	B444-8	ROOF	05Z0067	444-10122004-607-136	B444-OUTSIDE-BIAS SAMPLE - PACE/ CARGOCAIRE - INSIDE SE DOOR, FLOOR OF FILTER AREA	<0.1
137	B444-8	ROOF	05Z0067	444-10122004-607-137	B444-OUTSIDE-BIAS SAMPLE - TRANE COOLING UNIT INSIDE CENTER DOOR ON W SIDE, ON TOP OF FAN HOUSING	<0.1
138	B444-8	ROOF	05Z0067	444-10122004-607-138	B444-OUTSIDE-BIAS SAMPLE - TRANE COOLING UNIT INSIDE N SIDE, E END, FLOOR	<0.1
139	B444-8	ROOF	05Z0067	444-10122004-607-139	B444-OUTSIDE-BIAS SAMPLE - COOLING TOWER - INSIDE N SIDE, E END	<0.1
140	B444-8	ROOF	05Z0067	444-10122004-607-140	B444-OUTSIDE-BIAS SAMPLE - COOLING TOWER - INSIDE S SIDE, E END	<0.1
141	B444-8	ROOF	05Z0067	444-10122004-607-141	B444-OUTSIDE-BIAS SAMPLE - COOLING TOWER - INSIDE N SIDE, W END	<0.1
142	B444-8	ROOF	05Z0067	444-10122004-607-142	B444-OUTSIDE-BIAS SAMPLE - COOLING TOWER - INSIDE S SIDE, W END	<0.1
201	B444-8	ROOF	05Z0069	444-10272004-607-201	B444-OUTSIDE-BIAS SAMPLE- CONCRETE BACK CORNER UNDER DUCT WORK	<0.1
202	B444-8	ROOF	05Z0069	444-10272004-607-202	B444-OUTSIDE-BIAS SAMPLE-ON TOP OF NORTH DUCT	<0.1
203	B444-8	ROOF	05Z0069	444-10272004-607-203	B444-OUTSIDE-BIAS SAMPLE- ASPHALT NORTH OF DUCTWORK	<0.1
204	B444-8	ROOF	05Z0069	444-10272004-607-204	B444-OUTSIDE-BIAS SAMPLE-ASPHALT SOUTH OF DUCTWORK	<0.1
205	B444-8	Make Up Plenum	05Z0069	444-10272004-607-205	B444-OUTSIDE-BIAS SAMPLE-OLD SUPPLY PLENUM FLOOR	<0.1
206	B444-8	Make Up Plenum	05Z0069	444-10272004-607-206	B444-OUTSIDE-BIAS SAMPLE-OLD SUPPLY PLENUM FLOOR	<0.1
207	B444-8	Make Up Plenum	05Z0069	444-10272004-607-207	B444-OUTSIDE-BIAS SAMLE-OLD SUPPLY PLENUM-TOP OF DUCT	<0.1
208	B444-8	Make Up Plenum	05Z0069	444-10272004-607-208	B444-OUTSIDE-BIAS SAMLE-OLD SUPPLY PLENUM-TOP OF DUCT	<0.1
209	B444-8	Make Up Plenum	05Z0069	444-10272004-607-209	B444-OUTSIDE-BIAS SAMPLE-OLD SUPPLY PLENUM FLOOR	<0.1
210	B444-8	Make Up Plenum	05Z0069	444-10272004-607-210	B444-OUTSIDE-BIAS SAMPLE-OLD SUPPLY PLENUM FLOOR	<0.1
211	B444-8	ROOF	05Z0069	444-10272004-607-211	B444-OUTSIDE-BIAS SAMPLE-FAN FLASHING BY 245 PLENUM	<0.1
212	B444-8	ROOF	05Z0069	444-10272004-607-212	B444-OUTSIDE-BIAS SAMPLE-FAN FLASHING BY 245 PLENUM	<0.1
213	B444-8	ROOF	05Z0069	444-10272004-607-213	B444-OUTSIDE-BIAS SAMPLE-DUCT FLASHING BY 245 PLENUM	<0.1
214	B444-8	ROOF	05Z0069	444-10272004-607-214	B444-OUTSIDE-BIAS SAMPLE-DUCT FLASHING BY 245 PLENUM	<0.1
215	B444-8	ROOF	05Z0069	444-10272004-607-215	B444-OUTSIDE-BIAS SAMPLE-FAN FLASHING BY 245 PLENUM	<0.1
216	B444-8	ROOF	05Z0069	444-10272004-607-216	B444-OUTSIDE-BIAS SAMPLE-FAN FLASHING BY 245 PLENUM	<0.1
217	B444-8	ROOF	05Z0069	444-10272004-607-217	B444-OUTSIDE-BIAS SAMPLE-DUCT FLASHING BY 245 PLENUM	<0.1
218	B444-8	ROOF	05Z0069	444-10272004-607-218	B444-OUTSIDE-BIAS SAMPLE-DUCT FLASHING BY 245 PLENUM	<0.1

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Table C-8
VIA 8 Beryllium Data Summary

Rev 2.

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
219	B444-8	ROOF	05Z0069	444-10272004-607-219	B444-OUTSIDE-BIAS SAMPLE-LOWER NORTH ROOF, NORTHWEST SIDE UNDER EXHAUST DUCT REMOVED	<0.1
220	B444-8	ROOF	05Z0069	444-10272004-607-220	B444-OUTSIDE-BIAS SAMPLE-LOWER NORTH ROOF, NORTHWEST SIDE UNDER EXHAUST DUCT REMOVED	<0.1
221	B444-8	ROOF	05Z0069	444-10272004-607-221	B444-OUTSIDE-BIAS SAMPLE-LOWER NORTH ROOF, NORTHWEST SIDE UNDER EXHAUST DUCT REMOVED	<0.1
222	B444-8	ROOF	05Z0069	444-10272004-607-222	B444-OUTSIDE-BIAS SAMPLE-LOWER NORTH ROOF, NORTHWEST SIDE UNDER EXHAUST DUCT REMOVED	<0.1
223	B444-8	ROOF	05Z0069	444-10272004-607-223	B444-OUTSIDE-BIAS SAMPLE-LOWER NORTH ROOF, NORTHWEST SIDE UNDER EXHAUST DUCT REMOVED	<0.1
224	B444-8	ROOF	05Z0069	444-10272004-607-224	B444-OUTSIDE-BIAS SAMPLE-LOWER NORTH ROOF, NORTHWEST SIDE UNDER EXHAUST DUCT REMOVED	<0.1
225	B444-8	ROOF	05Z0069	444-10272004-607-225	B444-OUTSIDE-BIAS SAMPLE-LOWER NORTH ROOF, NORTHWEST SIDE UNDER EXHAUST DUCT REMOVED	<0.1
226	B444-8	ROOF	05Z0069	444-10272004-607-226	B444-OUTSIDE-BIAS SAMPLE-LOWER NORTH ROOF, NORTHWEST SIDE UNDER EXHAUST DUCT REMOVED	<0.1
227	B444-8	ROOF	05Z0069	444-10272004-607-227	B444-OUTSIDE-BIAS SAMPLE-LOWER NORTH ROOF, NORTHWEST SIDE UNDER EXHAUST DUCT REMOVED	<0.1
228	B444-8	245 Plenum	03D2180	444-09242003-01-215	245 Plenum, Control Room, Biased	<0.1
229	B444-8	245 Plenum	03D2180	444-09242003-01-216	245 Plenum, Control Room, Biased	<0.1
230	B444-8	245 Plenum	03D2180	444-09242003-01-217	245 Plenum, Control Room, Biased	<0.1
231	B444-8	245 Plenum	03D2180	444-09242003-01-218	245 Plenum, Control Room, Biased	<0.1
232	B444-8	245 Plenum	03D2180	444-09242003-01-219	245 Plenum, Control Room, Biased	<0.1
233	B444-8	245 Plenum	03D2180	444-09242003-01-220	245 Plenum, Control Room, Biased	<0.1
234	B444-8	245 Plenum	03D2180	444-09242003-01-221	245 Plenum, 3rd Stage, Biased	<0.1
235	B444-8	245 Plenum	03D2180	444-09242003-01-222	245 Plenum, 3rd Stage, Biased	<0.1
236	B444-8	245 Plenum	03D2180	444-09242003-01-223	245 Plenum, 3rd Stage, Biased	<0.1
237	B444-8	245 Plenum	03D2180	444-09242003-01-224	245 Plenum, 3rd Stage, Biased	<0.1
238	B444-8	245 Plenum	03D2180	444-09242003-01-225	245 Plenum, 3rd Stage, Biased	<0.1
239	B444-8	245 Plenum	03D2180	444-09242003-01-226	245 Plenum, 3rd Stage, Biased	<0.1
240	B444-8	245 Plenum	03D2180	444-09242003-01-227	245 Plenum, 3rd Stage, Biased	<0.1
241	B444-8	245 Plenum	03D2180	444-09242003-01-228	245 Plenum, 3rd Stage, Biased	<0.1
242	B444-8	245 Plenum	03D2180	444-09242003-01-229	245 Plenum, 3rd Stage, Biased	<0.1
243	B444-8	245 Plenum	03D2180	444-09242003-01-230	245 Plenum, 3rd Stage, Biased	<0.1
244	B444-8	245 Plenum	04Z0198	444-10-272003-213-101	245 Plenum, 2nd Stage, Biased	<0.1
245	B444-8	245 Plenum	04Z0198	444-10-272003-213-102	245 Plenum, 2nd Stage, Biased	<0.1
246	B444-8	245 Plenum	04Z0198	444-10-272003-213-103	245 Plenum, 2nd Stage, Biased	<0.1
247	B444-8	245 Plenum	04Z0198	444-10-272003-213-104	245 Plenum, 2nd Stage, Biased	<0.1
248	B444-8	245 Plenum	04Z0198	444-10-272003-213-105	245 Plenum, 2nd Stage, Biased	<0.1
249	B444-8	245 Plenum	04Z0198	444-10-272003-213-106	245 Plenum, 2nd Stage, Biased	<0.1
250	B444-8	245 Plenum	04Z0198	444-10-272003-213-107	245 Plenum, 2nd Stage, Biased	<0.1
251	B444-8	245 Plenum	04Z0198	444-10-272003-213-108	245 Plenum, 2nd Stage, Biased	<0.1
252	B444-8	245 Plenum	04Z0198	444-10-272003-213-109	245 Plenum, 2nd Stage, Biased	<0.1
253	B444-8	245 Plenum	04Z0198	444-10-272003-213-110	245 Plenum, 2nd Stage Airlock, Biased	<0.1
254	B444-8	245 Plenum	04Z0198	444-10-272003-213-111	245 Plenum, 2nd Stage Airlock, Biased	<0.1
255	B444-8	245 Plenum	04Z0198	444-10-272003-213-112	245 Plenum, 2nd Stage Airlock, Biased	<0.1
256	B444-8	245 Plenum	04Z0198	444-10-272003-213-113	245 Plenum, 2nd Stage Airlock, Biased	<0.1
257	B444-8	245 Plenum	04Z0198	444-10-272003-213-114	245 Plenum, 3rd Stage, Biased	<0.1
258	B444-8	245 Plenum	04Z0198	444-10-272003-213-115	245 Plenum, 2nd Stage Airlock, Biased	<0.1
259	B444-8	245 Plenum	04Z0198	444-10-272003-213-116	245 Plenum, 1st Stage, Biased	<0.1
260	B444-8	245 Plenum	04Z0198	444-10-272003-213-117	245 Plenum, 1st Stage, Biased	<0.1
261	B444-8	245 Plenum	04Z0198	444-10-272003-213-118	245 Plenum, 1st Stage, Biased	<0.1
262	B444-8	245 Plenum	04Z0198	444-10-272003-213-119	245 Plenum, 1st Stage, Biased	<0.1
263	B444-8	245 Plenum	04Z0198	444-10-272003-213-120	245 Plenum, 1st Stage, Biased	<0.1
264	B444-8	245 Plenum	04Z0198	444-10-272003-213-121	245 Plenum, 1st Stage, Biased	<0.1
265	B444-8	245 Plenum	04Z0198	444-10-272003-213-122	245 Plenum, 1st Stage, Biased	<0.1
266	B444-8	245 Plenum	04Z0198	444-10-272003-213-123	245 Plenum, 1st Stage, Biased	<0.1

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Table C-8
VIA 8 Beryllium Data Summary

Rev 2.

Sample Map Location #	VIA	Room	RIN	Sample Number	Sample Location	Result (ug/100 cm^2)
267	B444-8	245 Plenum	04Z0198	444-10-272003-213-124	245 Plenum, Demister Stage, Biased	<0.1
268	B444-8	245 Plenum	04Z0198	444-10-272003-213-125	245 Plenum, Demister Stage, Biased	<0.1
269	B444-8	245 Plenum	04Z0198	444-10-272003-213-126	245 Plenum, Demister Stage, Biased	<0.1
270	B444-8	245 Plenum	04Z0198	444-10-272003-213-127	245 Plenum, Demister Stage, Biased	<0.1
271	B444-8	245 Plenum	04Z0198	444-10-272003-213-128	245 Plenum, Demister Stage, Biased	<0.1
272	B444-8	245 Plenum	04Z0198	444-10-272003-213-129	245 Plenum, Demister Stage, Biased	<0.1
273	B444-8	245 Plenum	04Z0198	444-10-272003-213-130	245 Plenum, Demister Stage, Biased	<0.1
274	B444-8	245 Plenum	04Z0198	444-10-272003-213-131	245 Plenum, Demister Stage, Biased	<0.1
275	B444-8	245 Plenum	04Z0198	444-10-272003-213-132	245 Plenum, Demister Airlock, Biased	<0.1
276	B444-8	245 Plenum	04Z0198	444-10-272003-213-133	245 Plenum, Demister Airlock, Biased	<0.1
277	B444-8	245 Plenum	04Z0198	444-10-272003-213-134	245 Plenum, Demister Airlock, Biased	<0.1
278	B444-8	245 Plenum	04Z0198	444-10-272003-213-135	245 Plenum, Demister Airlock, Biased	<0.1
279	B444-8	245 Plenum	04Z0198	444-10-272003-213-136	245 Plenum, Demister Airlock, Biased	<0.1
280	B444-8	245 Plenum	04Z0198	444-10-272003-213-137	245 Plenum, Demister Airlock, Biased	<0.1

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Footnotes:

(1) The unshaded rows are the final "as left" condition sample results.

(2) Gaps in the sample numbering sequence are acceptable. Some sample numbers were never used.

(3) Some sample numbers were used more than once, but each have unique locations (e.g., plenum numbers).

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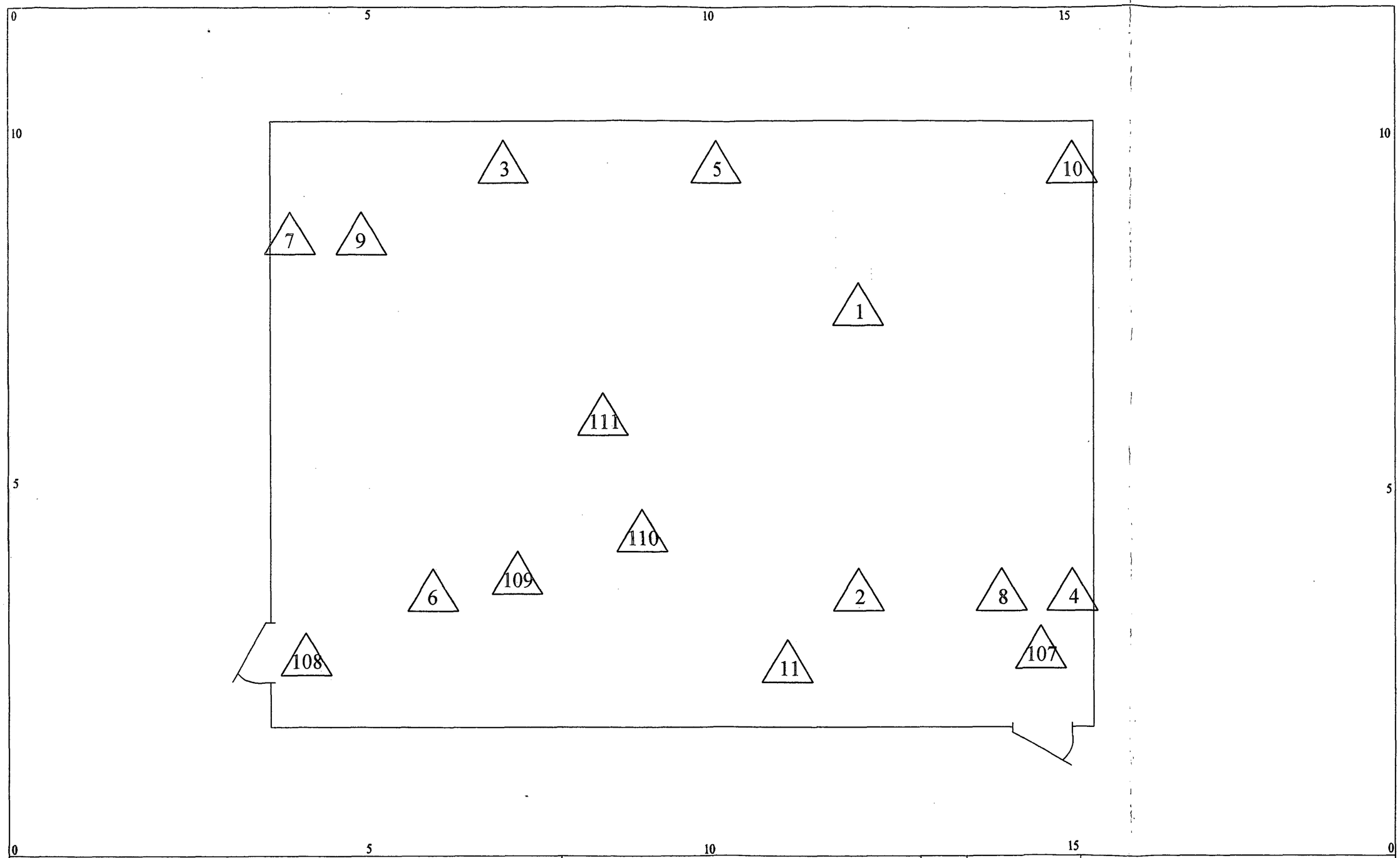

PDS BERYLLIUM SAMPLE MAP

BLDG: B444 Survey Area: Above Roof SP-2 Survey Unit: N/A Classification: N/A

Survey Area/Unit Description: Supply Plenum SP-2

Floor Area: 1,057 sq.ft 98 sq.m Total Area: N/A Grid Spacing for Survey Area: N/A

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SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 4

0 METERS 1.333

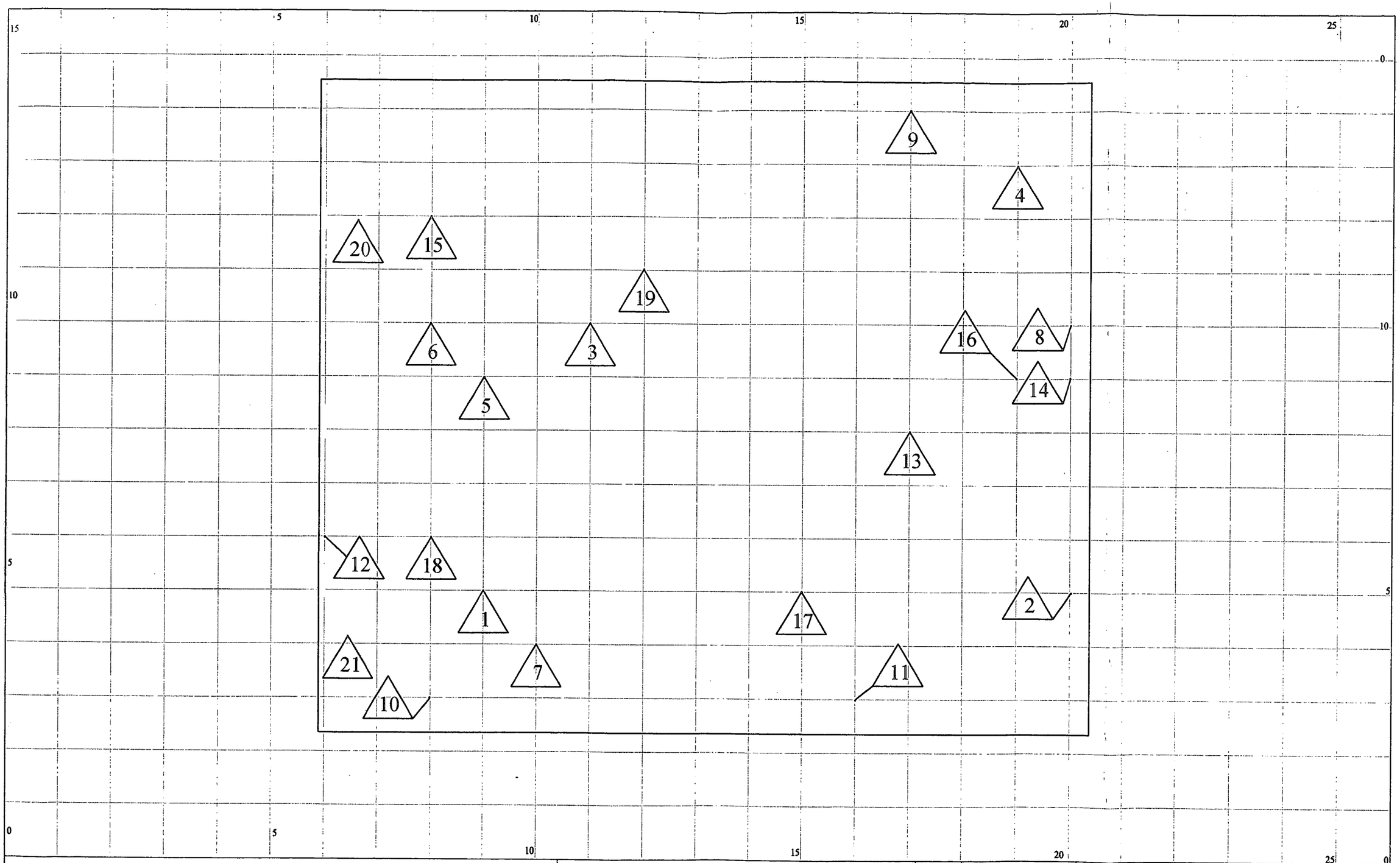
1 inch = 4 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: CSS Construction Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: B444 SP-2Be.DWG | Sheet: 1 of 1 | Rev: 2



PDS BERYLLIUM SAMPLE MAP

BLDG: 444 Survey Area: Above Roof SP-3 Survey Unit: N/A Classification: N/A

Survey Area/Unit Description: Supply Plenum SP-3

Floor Area: 1900 sq.ft 177 sq.m Total Area: N/A Grid Spacing for Survey Area: N/A

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 16/3

0 METERS 2

1 inch = 16/3 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: B444 SP-3Be.DWG | Sheet: 1 of 1 | Rev: 1

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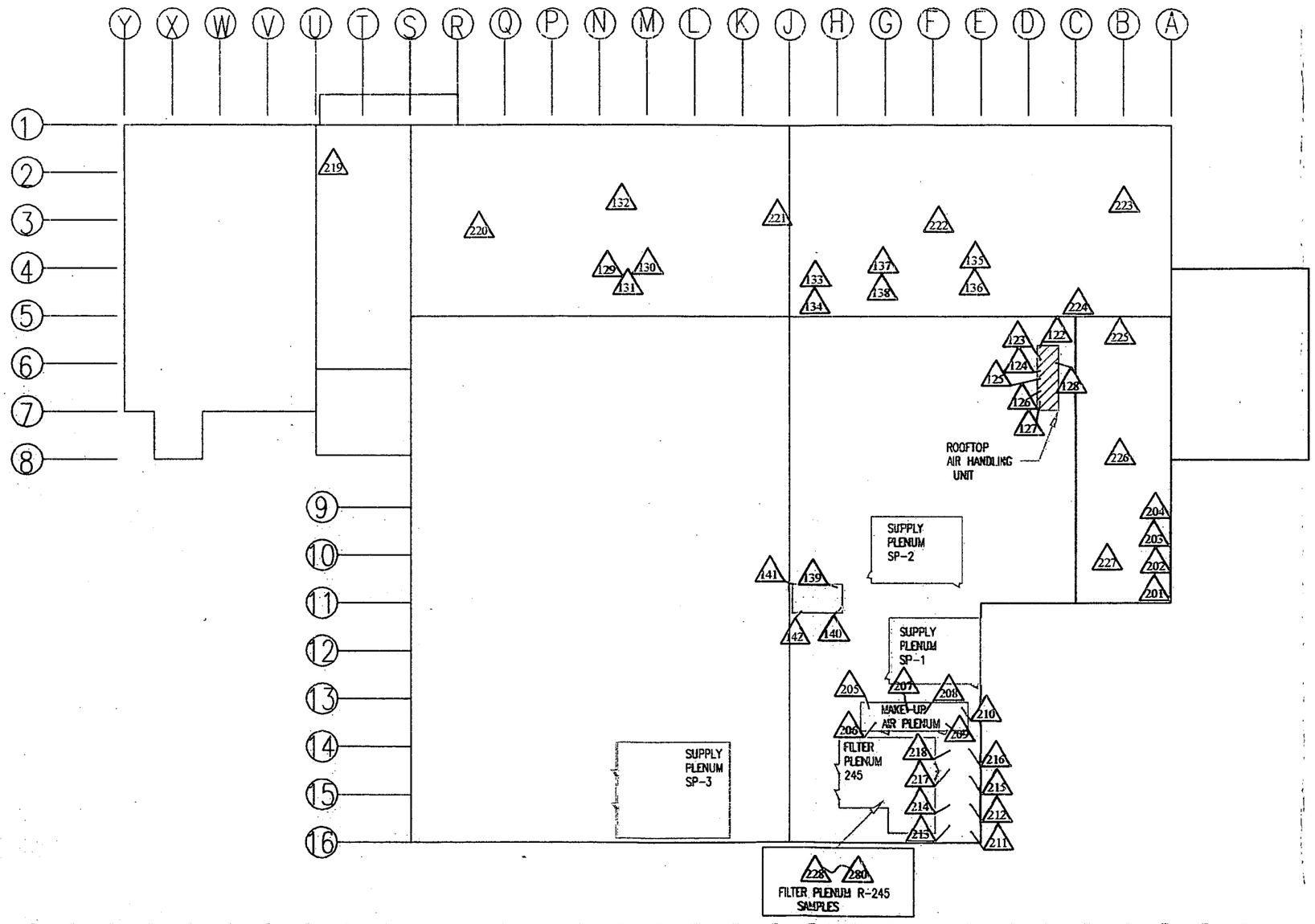

PDS BERYLLIUM SAMPLE MAP

BLDG: B444 Survey Area: Above Roof Plenums Survey Unit: N/A Classification: N/A

Survey Area/Unit Description: Building 444 Above Roof and Roof Plenum Equipment

Floor Area: N/A Total Area: N/A Grid Spacing For Survey Area: N/A

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- PCB Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 48

0 METERS 15

1 inch = 48 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RFCS Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name: B444 ROOF Be.DWG | Sheet: 1 of 1 | Rev: 0

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Rev 2.

ATTACHMENT C-9

RCRA/CERCLA/PCB DATA SUMMARIES AND SAMPLE MAPS

TABLE C-9A: BUILDING 444 RCRA/CERCLA CONSTITUENTS DATA SUMMARY

Sample Location / Media	Sample Number	Result (*u*g/L or *u*g/kg)
Core sample from Basement Room 3 Elevator Pit Floor, VIA 6 - Map Location #1	05Z0797-001.001	Metals, VOCs and SVOCs, all results less than regulatory limits

RCRA Toxicity Characteristic Limits

Analyte	Regulatory limit (mg/L)
Arsenic (D004)	5.0
Barium (D005)	100.0
Benzene (D018)	0.5
Cadmium (D006)	1.0
Carbon tetrachloride (D019)	0.5
Chlordane (D020)	0.03
Chlorobenzene (D021)	100.0
Chloroform (D022)	6.0
Chromium (D007)	5.0
o-Cresol (D023)	200.0 (a)
m-Cresol (D024)	200.0 (a)
p-Cresol (D025)	200.0 (a)
Cresol (D026)	200.0 (a)
2,4 –D (D016)	10.0
1,4 Dichlorobenzene (D027)	7.5
1,2 Dichloroethane (D028)	0.5
1,1 Dichlorethylene (D029)	0.7
2,4 Dinitrotoluene (D030)	0.13 (b)
Endrin (D012)	0.02
Heptachlor – and its epoxide (D031)	0.008
Hexachlorobenzene (D032)	0.13 (b)
Hexachlorobutadiene (D033)	0.5
Hexachloroethane (D034)	3.0
Lead (D008)	5.0
Lindane (D013)	0.4
Mercury (D009)	0.2
Methoxychlor (D014)	10.0
MEK (D035)	200.0
Nitrobenzene (D036)	2.0
Pentachlorophenol (D037)	100.0
Pyridine (DD038)	5.0 (b)
Selenium (D010)	1.0
Silver (D011)	5.0
Tetrachloroethylene (D039)	0.7
Toxaphene (D015)	0.5
Trichloroethylene (D040)	0.5
2,4,5-Trichlorophenol (D041)	400.0
2,4,6-Trichlorophenol (D042)	2.0
2,4,5-TP (Silvex) (D017)	1.0
Vinyl Chloride (D043)	0.2

(a) Quantitation Limit is greater than the calculated regulatory level. The quantitation limit therefore becomes the regulatory level.

(b) If o-, m-, and p-Cresol concentrations cannot be differentiated, the total Cresol (D026) concentration (200mg/l) is used.

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TABLE C-9B BUILDING 444 PCB DATA SUMMARY

Sample Location / Media	Sample Number	Result (*µg*/L)
Core sample from Basement Room 3 Elevator Pit Floor, VIA 6 - Map Location #1	05Z0797-001.001	All PCB results were less than regulatory limit < 50ppm

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CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

COC: 05Z0797#001 ¶05Z0797#001"

Sampler(s) (time/date) M. Nirsky D. Lippincott	Contact/Requester PODOLSKY, STEWART / OMAN, KIMBERLY	Telephone No. 7624 / 994-1360
RIN 05Z0797	Sampling Origin B444	Purchase Order/Charge Code EDD501PD
Project Title BLDG.444 ELEVATOR PIT	Logbook No. 99 (Milkes) Step Van	Ice Chest No. NA Temp. NA 3.2°
To (Lab) Severn-Trent Denver	Method of Shipment HAND Delivery	Bill of Lading/Air Bill No. NA
Protocol ST-AS14-SOP-001	Related COC (if any) 002	PRE 040812-ASD-006

POSSIBLE SAMPLE HAZARDS/REMARKS

Are acid preserved samples DOT hazardous per 40 CFR Part 136.3 Table II? YES NO

Are other known hazardous substances present? YES NO

** ** **

SCREENING REQUIRED ☐

SPECIAL INSTRUCTIONS Hold Time

(Note: Some Bottle Nos. may be comprised of multiple vials, as indicated under Sample Analysis. Regardless of the vial analyzed, report results under the same Bottle No.)

Bottle No.	Customer Number	Matrix	Date/Time	Location	Container (size/type)	Sample Analysis [Field-Filtered] LIC (Method Title) [TAT]/{Parameter List}	Preservative; Packing
05Z0797 -001.001	Center of Pit	SOLID	2/1/05 1000	B444	250-G G	MET-A-023 (METALS 6010/6010B) [7dF] {See Item 1}	None; 4 C
						MET-A-031 (Metals (TCLP)) [7dF] {See Item 2}	None; 4 C
						PEP-A-007 (PCB ONLY SW846 8082) [7dF] {See Item 3}	None; 4 C
						SVO-A-007 (SEMI-VOLATILE ORGANICS 8270B) [7dF] {See Item 4}	None; 4 C
						VOA-A-013 (VOLATILE ORGANICS 8260, PREP 5035) [7dF] {See Item 5}	None; 4 C

Relinquished By:	Date/Time	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	2/2/05 0720	[signature]	2/2/05 0720	[signature]	2/2/05 0720	Ref #1	2/2/05 0720
Ref #1	2.2.05 1000	[signature]	2.2.05 1000	[signature]	2.2.05 1200	[signature]	2/2/05 1200
Relinquished By:	Date/Time	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time

FINAL SAMPLE DISPOSITION: Disposal Method (e.g., returned to customer, disposed of per lab procedure, used in analytical process) — Disposed By

Date/Time COC printed: 01/18/05 13:38 (Version:coc_r22.rpt)

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STOLLER

RFETS

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

COC: 05Z0797#001
¶05Z0797#001"

ERIN 05Z0797

Contact/Requester: PODOLSKY, STEWART / OMAN, KIMBERLY

Telephone No.: 7624 / 994-1360

Bottle No.	Customer Number	Matrix	Date/Time	Location	Container (size/type)	Sample Analysis [Field-Filtered] LIC (Method Title) [TAT]/(Parameter List)	Preservative; Packing
05Z0797 -002.001	N/A	AQUEOUS	2/1/05 / 0710	B444	40-ML G	(*** Set of 2 Vials ***) VOA-A-007 (VOLATILE ORGANICS 8260) [7dF] (See Item 6)	None; 4 C w/zhs

Item 1 MET-A-023: ALUMINUM; ANTIMONY; ARSENIC; BARIUM; BERYLLIUM; BORON; CADMIUM; CALCIUM; CHROMIUM; COBALT; COPPER; IRON; LEAD; LITHIUM; MAGNESIUM; MANGANESE; MERCURY; MOLYBDENUM; NICKEL; POTASSIUM; SELENIUM; SILICA; SILVER; SODIUM; STRONTIUM; THALLIUM; TIN; TITANIUM; URANIUM; VANADIUM; ZINC

Item 2 MET-A-031: ARSENIC; BARIUM; CADMIUM; CHROMIUM; LEAD; MERCURY; SELENIUM; SILVER

Item 3 PEP-A-007: AROCLOR-1016; AROCLOR-1221; AROCLOR-1232; AROCLOR-1242; AROCLOR-1248; AROCLOR-1254; AROCLOR-1260

Item 4 SVO-A-007: 1,2,4-TRICHLOROBENZENE; 2,4,5-TRICHLOROPHENOL; 2,4,6-TRICHLOROPHENOL; 2,4-DICHLOROPHENOL; 2,4-DIMETHYLPHENOL; 2,4-DINITROPHENOL; 2,4-DINITROTOLUENE; 2,6-DINITROTOLUENE; 2-CHLORONAPHTHALENE; 2-CHLOROPHENOL; 2-METHYLNAPHTHALENE; 2-METHYLPHENOL; 2-NITROANILINE; 3,3 -DICHLOROBENZIDINE; 3-NITROANILINE; 4,6-DINITRO-O-CRESOL; 4-BROMOPHENYL PHENYL ETHER; 4-CHLORO-3-METHYLPHENOL; 4-CHLOROANILINE; 4-CHLOROPHENYL-PHENYL ETHER; 4-METHYLPHENOL; ACENAPHTHENE; ACENAPHTHYLENE; ANTHRACENE; BENZO(A)ANTHRACENE; BENZO(A)PYRENE; BENZO(B)FLUORANTHENE; BENZO(K)FLUORANTHENE; BENZOIC ACID; BENZO(GHI)PERYLENE; BENZYL ALCOHOL; BIS(2-CHLOROETHOXY) METHANE; BIS(2-CHLOROISOPROPYL) ETHER; BIS(2-ETHYLHEXYL)PHTHALATE; BUTYLBENZYLPHTHALATE; CHRYSENE; DI-N-BUTYL PHTHALATE; DI-N-OCTYL PHTHALATE; DIBENZ(A,H)ANTHRACENE; DIBENZOFURAN; DICHLORODIETHYLETHER; DIETHYL PHTHALATE; DIMETHYL PHTHALATE; FLUORANTHENE; FLUORENE; HEXACHLOROBENZENE; HEXACHLOROBUTADIENE; HEXACHLOROCYCLOPENTADIENE; HEXACHLOROETHANE; INDENO(1,2,3-CD)PYRENE; ISOPHORONE; M-DICHLOROBENZENE; N-NITROSO-DI-N-PROPYLAMINE; N-NITROSODIPHENYLAMINE; NAPHTHALENE; NITROBENZENE; O-DICHLOROBENZENE; O-NITROPHENOL; P-DICHLOROBENZENE; P-NITROANILINE; P-NITROPHENOL; PENTACHLOROPHENOL; PHENANTHRENE; PHENOL; PYRENE; TRIBUTYL PHOSPHATE

Item 5 VOA-A-013: 1,1,1,2-TETRACHLOROETHANE; 1,1,1-TRICHLOROETHANE; 1,1,2,2-TETRACHLOROETHANE; 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE; 1,1,2-TRICHLOROETHANE; 1,1-DICHLOROETHANE; 1,1-DICHLOROETHENE; 1,1-DICHLOROPROPENE; 1,2,3-TRICHLOROBENZENE; 1,2,3-TRICHLOROPROPANE; 1,2,4-TRICHLOROBENZENE; 1,2,4-TRIMETHYLBENZENE; 1,2-DIBROMO-3-CHLOROPROPANE; 1,2-DIBROMOETHANE; 1,2-DICHLOROETHANE; 1,2-DICHLOROPROPANE; 1,3,5-TRIMETHYLBENZENE; 1,3-DICHLOROPROPANE; 2,2-DICHLOROPROPANE; 2-BUTANONE; 2-CHLOROTOLUENE; 2-HEXANONE; 4-CHLOROTOLUENE; 4-ISOPROPYLTOLUENE; ACETONE; BENZENE; BROMOBENZENE; BROMOCHLOROMETHANE; BROMODICHLOROMETHANE; BROMOFORM; BROMOMETHANE; CARBON DISULFIDE; CARBON TETRACHLORIDE; CHLOROBENZENE; CHLOROETHANE; CHLOROFORM; CHLOROMETHANE; CIS-1,2-DICHLOROETHENE; CIS-1,3-DICHLOROPROPENE; CUMENE; DIBROMOCHLOROMETHANE; DIBROMOMETHANE; DICHLORODIFLUOROMETHANE; ETHYLBENZENE; HEXACHLOROBUTADIENE; M-DICHLOROBENZENE; METHYL-ISOBUTYL KETONE (MIBK); METHYLENE CHLORIDE; N-BUTYLBENZENE; N-PROPYLBENZENE; NAPHTHALENE; O-DICHLOROBENZENE; P-DICHLOROBENZENE; SEC-BUTYLBENZENE; STYRENE; TERT-BUTYLBENZENE; TETRACHLOROETHENE; TOLUENE; TRANS-1,2-DICHLOROETHENE; TRANS-1,3-DICHLOROPROPENE; TRICHLOROETHYLENE; TRICHLOROFLUOROMETHANE; VINYL CHLORIDE; XYLENES (TOTAL)

Item 6 VOA-A-007: 1,1,1,2-TETRACHLOROETHANE; 1,1,1-TRICHLOROETHANE; 1,1,2,2-TETRACHLOROETHANE; 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE; 1,1,2-TRICHLOROETHANE; 1,1-DICHLOROETHANE; 1,1-DICHLOROETHENE; 1,1-DICHLOROPROPENE; 1,2,3-TRICHLOROBENZENE; 1,2,3-TRICHLOROPROPANE; 1,2,4-TRICHLOROBENZENE; 1,2,4-TRIMETHYLBENZENE; 1,2-DIBROMO-3-CHLOROPROPANE; 1,2-DIBROMOETHANE; 1,2-DICHLOROETHANE; 1,2-DICHLOROPROPANE; 1,3,5-TRIMETHYLBENZENE; 1,3-DICHLOROPROPANE; 2,2-DICHLOROPROPANE; 2-BUTANONE; 2-CHLOROTOLUENE; 2-HEXANONE; 4-CHLOROTOLUENE; 4-ISOPROPYLTOLUENE; ACETONE; BENZENE; BROMOBENZENE; BROMOCHLOROMETHANE; BROMODICHLOROMETHANE; BROMOFORM; BROMOMETHANE; CARBON DISULFIDE; CARBON TETRACHLORIDE; CHLOROBENZENE; CHLOROETHANE; CHLOROFORM; CHLOROMETHANE; CIS-1,2-DICHLOROETHENE; CIS-1,3-DICHLOROPROPENE; CUMENE; DIBROMOCHLOROMETHANE; DIBROMOMETHANE; DICHLORODIFLUOROMETHANE; ETHYLBENZENE; HEXACHLOROBUTADIENE; M-DICHLOROBENZENE; METHYL-ISOBUTYL KETONE (MIBK); METHYLENE CHLORIDE; N-BUTYLBENZENE; N-PROPYLBENZENE; NAPHTHALENE; O-DICHLOROBENZENE; P-DICHLOROBENZENE; SEC-BUTYLBENZENE; STYRENE; TERT-BUTYLBENZENE; TETRACHLOROETHENE; TOLUENE; TRANS-1,2-DICHLOROETHENE; TRANS-1,3-DICHLOROPROPENE; TRICHLOROETHYLENE; TRICHLOROFLUOROMETHANE; VINYL CHLORIDE; XYLENES (TOTAL)

Relinquished By:	Date/Time	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	2/2/05 0720	[illegible]	2/2/05 0720	[illegible]	2/2/05 0720	[illegible]	2/2/05 0720
[illegible]	2.2.05 1080	[illegible]	2.2.05 1000	[illegible]	2.2.05 1100	[illegible]	2/2/05 1200

FINAL SAMPLE DISPOSITION: Disposal Method (e.g., returned to customer, disposed of per lab procedure, used in analytical process) — Disposed By

Date/Time COC printed: 01/18/05 13:38 (Version:coc_r22.rpt)

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Kaiser-Hill LLC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:05Z0797

Matrix: (soil/water) SI Lab Sample ID:D5B020329 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 30.2 / g Date Received: 02/02/05
Work Order: G3MQ91AA Date Extracted:02/04/05
Dilution factor: 8 Date Analyzed: 02/06/05
Moisture %:

QC Batch: 5035182

Client Sample Id: 05Z0797-001.001

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
83-32-9	Acenaphthene	2600	U
208-96-8	Acenaphthylene	2600	U
120-12-7	Anthracene	2600	U
56-55-3	Benzo(a)anthracene	2600	U
205-99-2	Benzo(b)fluoranthene	2600	U
207-08-9	Benzo(k)fluoranthene	2600	U
65-85-0	Benzoic acid	13000	U
191-24-2	Benzo(ghi)perylene	2600	U
50-32-8	Benzo(a)pyrene	2600	U
100-51-6	Benzyl alcohol	2600	U
111-91-1	bis(2-Chloroethoxy)methane	2600	U
111-44-4	bis(2-Chloroethyl) ether	2600	U
108-60-1	bis(2-Chloroisopropyl) ether	2600	U
117-81-7	**bis(2-Ethylhexyl) phthalate**	**14000**	
101-55-3	4-Bromophenyl phenyl ether	2600	U
85-68-7	Butyl benzyl phthalate	2600	U
106-47-8	4-Chloroaniline	2600	U
59-50-7	4-Chloro-3-methylphenol	2600	U
91-58-7	2-Chloronaphthalene	2600	U
95-57-8	2-Chlorophenol	2600	U
7005-72-3	4-Chlorophenyl phenyl ether	2600	U
218-01-9	Chrysene	2600	U
53-70-3	Dibenz(a,h)anthracene	2600	U
132-64-9	Dibenzofuran	2600	U
84-74-2	Di-n-butyl phthalate	2600	U
95-50-1	1,2-Dichlorobenzene	2600	U
541-73-1	1,3-Dichlorobenzene	2600	U
106-46-7	1,4-Dichlorobenzene	2600	U

774/814

FORM I

Kaiser-Hill LLC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:05Z0797

Matrix: (soil/water) SI Lab Sample ID:D5B020329 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 30.2 / g Date Received: 02/02/05
Work Order: G3MQ91AA Date Extracted:02/04/05
Dilution factor: 8 Date Analyzed: 02/06/05
Moisture %:

QC Batch: 5035182

Client Sample Id: 05Z0797-001.001

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
91-94-1	3,3'-Dichlorobenzidine	10000	U
120-83-2	2,4-Dichlorophenol	2600	U
84-66-2	Diethyl phthalate	5300	U
105-67-9	2,4-Dimethylphenol	2600	U
131-11-3	Dimethyl phthalate	2600	U
117-84-0	Di-n-octyl phthalate	2600	U
534-52-1	4,6-Dinitro-2-methylphenol	13000	U
51-28-5	2,4-Dinitrophenol	13000	U
121-14-2	2,4-Dinitrotoluene	2600	U
606-20-2	2,6-Dinitrotoluene	2600	U
206-44-0	Fluoranthene	2600	U
86-73-7	Fluorene	2600	U
118-74-1	Hexachlorobenzene	2600	U
87-68-3	Hexachlorobutadiene	2600	U
77-47-4	Hexachlorocyclopentadiene	5300	U
67-72-1	Hexachloroethane	2600	U
193-39-5	Indeno(1,2,3-cd)pyrene	2600	U
78-59-1	Isophorone	2600	U
91-57-6	2-Methylnaphthalene	2600	U
95-48-7	2-Methylphenol	2600	U
106-44-5	**4-Methylphenol**	**3500**	
91-20-3	Naphthalene	2600	U
88-74-4	2-Nitroaniline	13000	U
99-09-2	3-Nitroaniline	13000	U
100-01-6	4-Nitroaniline	13000	U
98-95-3	Nitrobenzene	2600	U
88-75-5	2-Nitrophenol	2600	U
100-02-7	4-Nitrophenol	13000	U

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814

FORM I

Kaiser-Hill LLC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:05Z0797

Matrix: (soil/water) SI Lab Sample ID:D5B020329 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 30.2 / g Date Received: 02/02/05
Work Order: G3MQ91AA Date Extracted:02/04/05
Dilution factor: 8 Date Analyzed: 02/06/05
Moisture %:

QC Batch: 5035182

Client Sample Id: 05Z0797-001.001

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
621-64-7	N-Nitrosodi-n-propylamine	2600	U
86-30-6	N-Nitrosodiphenylamine	2600	U
87-86-5	Pentachlorophenol	13000	U
85-01-8	Phenanthrene	2600	U
108-95-2	**Phenol**	**510**	**J**
129-00-0	Pyrene	2600	U
120-82-1	1,2,4-Trichlorobenzene	2600	U
95-95-4	2,4,5-Trichlorophenol	2600	U
88-06-2	2,4,6-Trichlorophenol	2600	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
2-Fluorophenol		(38 - 86)
Phenol-d5		(38 - 90)
Nitrobenzene-d5		(40 - 89)
2-Fluorobiphenyl		(38 - 86)
2,4,6-Tribromophenol		(20 - 109)
Terphenyl-d14		(33 - 98)

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FORM I

Kaiser-Hill LLC
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Severn Trent Laboratories, Inc. SDG Number: 05Z0797

Matrix: (soil/water) SI Lab Sample ID: D5B020329 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 30.2 / g Date Received: 02/02/05
Work Order: G3MQ91AA Date Extracted: 02/04/05
Dilution factor: 8 Date Analyzed: 02/06/05
Moisture %:

QC Batch: 5035182

Client Sample Id: 05Z0797-001.001

(ug/L or ug/kg) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
75-09-2	Methylene chloride	1.9842	2000	J
	Unknown	2.6282	1500	J
	Unknown	3.24	210000	J
	Unknown	4.2489	8100000	J
	Unknown	4.6461	2800	J
	Unknown	5.07	2200	J
104-76-7	1-Hexanol, 2-ethyl-	5.5476	3700	J
	Unknown	5.9609	1400	J
	Unknown	6.4278	85000	J
	Unknown	6.7552	140000	J
3891-98-3	Dodecane, 2,6,10-trimethyl-	9.6371	1100	J
112-39-0	Hexadecanoic acid, methyl es	10.023	8600	J
629-92-5	Nonadecane	10.533	15000	J
112-63-0	9,12-Octadecadienoic acid (z	10.56	61000	J

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FORM I - TIC

Kaiser-Hill LLC

Lab Name: Severn Trent Laboratories, Inc. SDG Number: 05Z0797

Matrix: (soil/water) SI Lab Sample ID: D5B020329 001
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 30 / g Date Received: 02/02/05
Work Order: G3MQ91AC Date Extracted: 02/04/05
Dilution factor: 1 Date Analyzed: 02/05/05
Moisture %:

QC Batch: 5035172

Client Sample Id: 05Z0797-001.001

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
12674-11-2	Aroclor 1016	33	U
11104-28-2	Aroclor 1221	33	U
11141-16-5	Aroclor 1232	33	U
53469-21-9	Aroclor 1242	33	U
12672-29-6	Aroclor 1248	33	U
11097-69-1	Aroclor 1254	33	U
11096-82-5	Aroclor 1260	33	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Tetrachloro-m-xylene	91	(53 - 132)
Decachlorobiphenyl	68	(38 - 162)

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FORM I

Kaiser-Hill LLC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:05Z0797

Matrix: (soil/water) SI Lab Sample ID:D5B020329 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / g Date Received: 02/02/05
Work Order: G3MQ91CP Date Extracted:02/04/05
Dilution factor: 1 Date Analyzed: 02/09/05
Moisture %:

QC Batch: 5040253

Client Sample Id: 05Z0797-001.001

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
67-64-1	Acetone	1000	U
71-43-2	Benzene	250	U
108-86-1	Bromobenzene	250	U
74-97-5	Bromochloromethane	250	U
75-27-4	Bromodichloromethane	250	U
75-25-2	Bromoform	250	U
74-83-9	Bromomethane	250	U
104-51-8	n-Butylbenzene	250	U
135-98-8	sec-Butylbenzene	250	U
98-06-6	tert-Butylbenzene	250	U
75-15-0	Carbon disulfide	250	U
56-23-5	Carbon tetrachloride	250	U
108-90-7	Chlorobenzene	250	U
124-48-1	Dibromochloromethane	250	U
75-00-3	Chloroethane	250	U
67-66-3	Chloroform	250	U
74-87-3	Chloromethane	250	U
95-49-8	2-Chlorotoluene	250	U
106-43-4	4-Chlorotoluene	250	U
74-95-3	Dibromomethane	250	U
95-50-1	1,2-Dichlorobenzene	250	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	250	U
75-71-8	Dichlorodifluoromethane	250	U
75-34-3	1,1-Dichloroethane	250	U
107-06-2	1,2-Dichloroethane	250	U
75-35-4	1,1-Dichloroethene	250	U
156-59-2	cis-1,2-Dichloroethene	120	U

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FORM I

Kaiser-Hill LLC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:05Z0797

Matrix: (soil/water) SI Lab Sample ID:D5B020329 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / g Date Received: 02/02/05
Work Order: G3MQ91CP Date Extracted:02/04/05
Dilution factor: 1 Date Analyzed: 02/09/05
Moisture %:

QC Batch: 5040253

Client Sample Id: 05Z0797-001.001

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
156-60-5	trans-1,2-Dichloroethene	120	U
78-87-5	1,2-Dichloropropane	250	U
142-28-9	1,3-Dichloropropane	250	U
594-20-7	2,2-Dichloropropane	250	U
563-58-6	1,1-Dichloropropene	250	U
10061-01-5	cis-1,3-Dichloropropene	250	U
10061-02-6	trans-1,3-Dichloropropene	250	U
100-41-4	Ethylbenzene	250	U
75-69-4	Trichlorofluoromethane	250	U
87-68-3	Hexachlorobutadiene	250	U
591-78-6	2-Hexanone	1000	U
98-82-8	Isopropylbenzene	250	U
99-87-6	4-Isopropyltoluene	250	U
75-09-2	Methylene chloride	250	U
108-10-1	4-Methyl-2-pentanone	1000	U
91-20-3	Naphthalene	250	U
103-65-1	n-Propylbenzene	250	U
100-42-5	Styrene	250	U
630-20-6	1,1,1,2-Tetrachloroethane	250	U
79-34-5	1,1,2,2-Tetrachloroethane	250	U
127-18-4	Tetrachloroethene	250	U
108-88-3	Toluene	250	U
87-61-6	1,2,3-Trichlorobenzene	250	U
120-82-1	1,2,4-Trichlorobenzene	250	U
71-55-6	1,1,1-Trichloroethane	250	U
79-00-5	1,1,2-Trichloroethane	250	U
79-01-6	Trichloroethene	250	U
96-18-4	1,2,3-Trichloropropane	250	U

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FORM I

Kaiser-Hill LLC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:05Z0797

Matrix: (soil/water) SI Lab Sample ID:D5B020329 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / g Date Received: 02/02/05
Work Order: G3MQ91CP Date Extracted:02/04/05
Dilution factor: 1 Date Analyzed: 02/09/05
Moisture %:

QC Batch: 5040253

Client Sample Id: 05Z0797-001.001

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
76-13-1	1,1,2-Trichloro-1,2,2-triflu	250	U
95-63-6	1,2,4-Trimethylbenzene	250	U
108-67-8	1,3,5-Trimethylbenzene	250	U
75-01-4	Vinyl chloride	250	U
1330-20-7	Xylenes (total)	250	U
96-12-8	1,2-Dibromo-3-chloropropane	250	U
106-93-4	1,2-Dibromoethane (EDB)	250	U
78-93-3	2-Butanone (MEK)	1000	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Dibromofluoromethane	88	(43 - 131)
1,2-Dichloroethane-d4	100	(32 - 133)
Toluene-d8	103	(25 - 145)
4-Bromofluorobenzene	98	(29 - 148)

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FORM I

Kaiser-Hill LLC
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:05Z0797

Matrix: (soil/water) SI Lab Sample ID:D5B020329 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / g Date Received: 02/02/05
Work Order: G3MQ91CP Date Extracted:02/04/05
Dilution factor: 1 Date Analyzed: 02/09/05
Moisture %:

QC Batch: 5040253

Client Sample Id: 05Z0797-001.001

(ug/L or ug/kg) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	None			

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FORM I - TIC

Kaiser-Hill LLC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:05Z0797

Matrix: (soil/water) WR Lab Sample ID:D5B020329 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 20 / mL
Work Order: G3MRV1AA
Dilution factor: 1
Moisture %:

Date Received: 02/02/05
Date Extracted:02/06/05
Date Analyzed: 02/06/05

QC Batch: 5038196

Client Sample Id: 05Z0797-002.001

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
108-86-1	Bromobenzene	1.0	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone (MEK)	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U

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FORM I

Kaiser-Hill LLC

Lab Name: Severn Trent Laboratories, Inc. SDG Number: 05Z0797

Matrix: (soil/water) WR Lab Sample ID: D5B020329 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 20 / mL
Work Order: G3MRV1AA
Dilution factor: 1
Moisture %:

Date Received: 02/02/05
Date Extracted: 02/06/05
Date Analyzed: 02/06/05

QC Batch: 5038196

Client Sample Id: 05Z0797-002.001

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
107-06-2	1,2-Dichloroethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-35-4	1,1-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U
75-09-2	Methylene chloride	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
91-20-3	Naphthalene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U

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FORM I

Kaiser-Hill LLC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:05Z0797

Matrix: (soil/water) WR Lab Sample ID:D5B020329 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 20 / mL Date Received: 02/02/05
Work Order: G3MRV1AA Date Extracted:02/06/05
Dilution factor: 1 Date Analyzed: 02/06/05
Moisture %:

QC Batch: 5038196

Client Sample Id: 05Z0797-002.001

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Xylenes (total)	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Dibromofluoromethane	98	(73 - 118)
1,2-Dichloroethane-d4	85	(62 - 128)
4-Bromofluorobenzene	92	(78 - 118)
Toluene-d8	103	(77 - 117)

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FORM I

Kaiser-Hill LLC
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:05Z0797

Matrix: (soil/water) WR Lab Sample ID:D5B020329 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 20 / mL Date Received: 02/02/05
Work Order: G3MRV1AA Date Extracted:02/06/05
Dilution factor: 1 Date Analyzed: 02/06/05
Moisture %:

QC Batch: 5038196

Client Sample Id: 05Z0797-002.001

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
103-09-3	Acetic acid, 2-ethylhexyl es	11.017	14	J
	Unknown	11.693	4.4	J

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FORM I - TIC

SEVERN TRENT SERVICES

Kaiser-Hill LLC

Total Metals Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	05Z0797-001.001
Lot/SDG Number:	05Z0797	**Lab WorkOrder:**	G3MQ9
Matrix:	SOLID	**Lab Sample ID:**	D5B020329-001
% Moisture:	N/A	**Date/Time Collected:**	02/01/05 10:00
Units:	MG/KG	**Date/Time Received:**	02/02/05 12:00

CAS No.	Analyte	Conc.	Q	RL	Dilution Factor	QC Batch ID	Method	Instrument ID	Analysis Date	Analysis Time
7429-90-5	Aluminum	5400		40	1	5033511	6010B	002	2/9/2005	16:23
7440-36-0	Antimony	0.42	B	12	1	5033511	6010B	016	2/9/2005	17:12
7440-38-2	Arsenic	2.0	B	10	1	5033511	6010B	016	2/9/2005	17:12
7440-39-3	Barium	34		20	1	5033511	6010B	016	2/9/2005	17:12
7440-41-7	Beryllium	0.33		0.20	1	5033511	6010B	002	2/9/2005	16:23
7440-42-8	Boron	7.0		1.5	1	5033511	6010B	002	2/9/2005	16:23
7440-43-9	Cadmium	0.039	U	1.0	1	5033511	6010B	016	2/9/2005	17:12
7440-70-2	Calcium	65000		1000	1	5033511	6010B	002	2/9/2005	16:23
7440-47-3	Chromium	11		2.0	1	5033511	6010B	016	2/9/2005	17:12
7440-48-4	Cobalt	2.1	B	10	1	5033511	6010B	016	2/9/2005	17:12
7440-50-8	Copper	5.9		5.0	1	5033511	6010B	016	2/9/2005	17:12
7439-89-6	Iron	4600		20	1	5033511	6010B	002	2/9/2005	16:23
7439-92-1	Lead	4.8	B	10	1	5033511	6010B	016	2/9/2005	17:12
7439-93-2	Lithium	5.7	B	20	1	5033511	6010B	002	2/9/2005	16:23
7439-95-4	Magnesium	1200		1000	1	5033511	6010B	002	2/9/2005	16:23
7439-96-5	Manganese	130		3.0	1	5033511	6010B	016	2/9/2005	17:12
7439-98-7	Molybdenum	0.88	B	40	1	5033511	6010B	016	2/9/2005	17:12
7440-02-0	Nickel	5.6	B	8.0	1	5033511	6010B	016	2/9/2005	17:12
7440-09-7	Potassium	1100		1000	1	5033511	6010B	002	2/9/2005	16:23
7782-49-2	Selenium	0.39	U	16	1	5033511	6010B	016	2/9/2005	17:12
7631-86-9	Silica as SiO2, Dissolve	460		5.0	1	5033511	6010B	002	2/9/2005	16:23
7440-22-4	Silver	1.9		1.0	1	5033511	6010B	016	2/9/2005	17:12
7440-23-5	Sodium	410	B	1000	1	5033511	6010B	002	2/9/2005	16:23
7440-24-6	Strontium	240		40	1	5033511	6010B	016	2/9/2005	17:12
7440-28-0	Thallium	0.53	U	8.0	1	5033511	6010B	016	2/9/2005	17:12
7440-31-5	Tin	1.6	B	40	1	5033511	6010B	016	2/9/2005	17:12
7440-32-6	Titanium	240		0.20	1	5033511	6010B	002	2/9/2005	16:23
11-09-6	Uranium	14	B	40	1	5033511	6010B	016	2/9/2005	17:12
7440-62-2	Vanadium	17		8.0	1	5033511	6010B	016	2/9/2005	17:12

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STL Denver

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT SERVICES

Kaiser-Hill LLC

Total Metals Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	05Z0797-001.001
Lot/SDG Number:	05Z0797	**Lab WorkOrder:**	G3MQ9
Matrix:	SOLID	**Lab Sample ID:**	D5B020329-001
% Moisture:	N/A	**Date/Time Collected:**	02/01/05 10:00
Units:	MG/KG	**Date/Time Received:**	02/02/05 12:00

CAS No.	Analyte	Conc.	Q	RL	Dilution Factor	QC Batch ID	Method	Instrument ID	Analysis Date	Analysis Time
7440-66-6	Zinc	15		4.0	1	5033511	6010B	016	2/9/2005	17:12

U Result is less than the instrument detection limit (IDL).

B Estimated result. Result is less than RL and greater than or equal to the IDL.

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SEVERN TRENT SERVICES

Kaiser-Hill LLC

Total Metals Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	05Z0797-001.001
Lot/SDG Number:	05Z0797	**Lab WorkOrder:**	G3MQ9
Matrix:	SOLID	**Lab Sample ID:**	D5B020329-001
% Moisture:	N/A	**Date/Time Collected:**	02/01/05 10:00
Units:	MG/KG	**Date/Time Received:**	02/02/05 12:00

CAS No.	Analyte	Conc.	Q	RL	Dilution Factor	QC Batch ID	Method	Instrument ID	Analysis Date	Analysis Time
7439-97-6	Mercury	0.0087	U	0.20	1	5034240	7471A	019	2/9/2005	11:53

U Result is less than the instrument detection limit (IDL).

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Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT SERVICES

Kaiser-Hill LLC

TCLP Metals Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	05Z0797-001.001
Lot/SDG Number:	05Z0797	**Lab WorkOrder:**	G3MQ9
Matrix:	WATER	**Lab Sample ID:**	D5B020329-001
% Moisture:	N/A	**Date/Time Collected:**	02/01/05 10:00
Units:	UG/L	**Date/Time Received:**	02/02/05 12:00

CAS No.	Analyte	Conc.	Q	RL	Dilution Factor	QC Batch ID	Method	Instrument ID	Analysis Date	Analysis Time
7440-38-2	Arsenic	3.6	U	500	1	5040174	6010B	016	2/9/2005	16:26
7440-39-3	**Barium**	**280**	B	2100	1	5040174	6010B	016	2/9/2005	16:26
7440-43-9	Cadmium	0.39	U	11	1	5040174	6010B	016	2/9/2005	16:26
7440-47-3	**Chromium**	**6.8**	B	60	1	5040174	6010B	016	2/9/2005	16:26
7439-92-1	Lead	1.8	U	75	1	5040174	6010B	016	2/9/2005	16:26
7782-49-2	**Selenium**	**4.4**	B	570	1	5040174	6010B	016	2/9/2005	16:26
7440-22-4	Silver	0.50	U	140	1	5040174	6010B	016	2/9/2005	16:26

U Result is less than the instrument detection limit (IDL).

B Estimated result. Result is less than RL and greater than or equal to the IDL.

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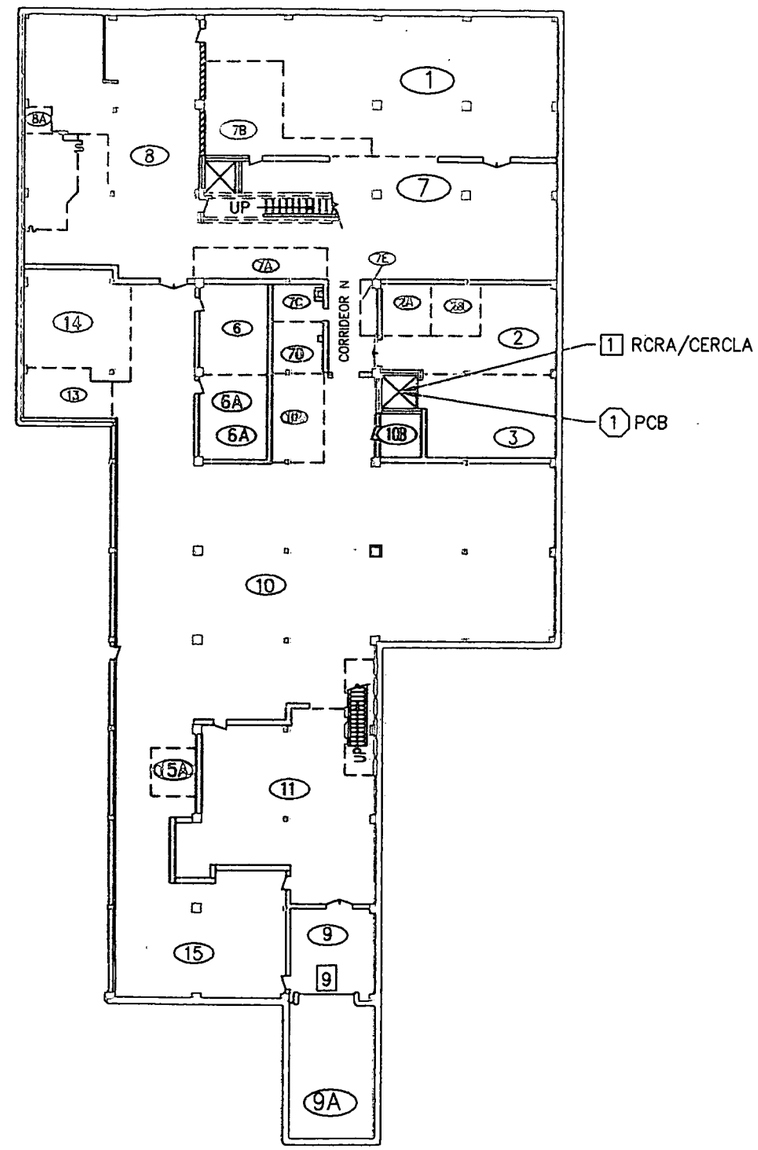

BASEMENT FLOOR PLAN

PRE-DEMOLITION SURVEY MAP

BLDG: 444 Survey Area: VIA-6 Survey Unit: N/A Classification: N/A

Survey Area/Unit Description: B444 VIA 6 - Elevator, RCRA/CERCLA/PCB Sample Location

Floor Area: 32 sq.m Total Area: 229 sq.m Grid Spacing for Survey Area: N/A

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit
- PCB Sample Location

N

0 FEET 32
0 METERS 10

1 inch = 32 feet
1 grid sq. = 1 sq. m.

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Rocky Flats Closure Site Services, LLC

Prepared for: KAISER HILL

File Name:PDS 444-VIA-6 RCRA MAP.DWG | Sheet: 1 of 1 | Rev: 0

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ATTACHMENT D

DATA QUALITY ASSESSMENT (DQA) DETAIL

DATA QUALITY ASSESSMENT (DQA)

VERIFICATION & VALIDATION (V&V) OF RESULTS

V&V of the data confirm that appropriate quality controls are implemented throughout the sampling and analysis process, and that any substandard controls result in qualification or rejection of the data in question. The required quality controls and their implementation are summarized in a tabular, checklist format for each category of data – radiological surveys and chemical analyses (specifically beryllium, volatile organic compounds [VOCs], semi volatile organic compounds [SVOCs], metals and PCBs).

DQA criteria and results are provided in a tabular format for each suite of surveys or chemical analyses performed. The radiological survey assessment is provided in Table D-1, Beryllium in Table D-2, Volatile Organic Compounds (VOCs) in Table D-3, Semi Volatile Organic Compounds (SVOCs) in Table D-4, Metals in Table D-5 and PCBs in Table D-6. A data completeness summary for all results is given in Table D-7.

All relevant Quality records supporting this report are maintained in the RISS Characterization Project File. The report will be submitted to the CERCLA Administrative Record for permanent storage within 30 days of approval by the Regulators. PDS radiological data are organized into Survey Packages, which correlate to unique (MARSSIM) Survey Units, or are contained in Attachments B1- B18 as LLW surveys. Chemical data are organized by RIN (Report Identification Number) and are traceable to the sample number and corresponding sample location.

Beta/gamma survey designs were implemented for Building 444 based on completed RLCR data and historical and process knowledge of building operations. Survey designs were implemented based on the uranium limits used as DCGLs in the unrestricted release decision process. Survey results for the Building 444 interior were evaluated against, and were less than the uranium DCGLs (i.e., < 1,000 dpm/100cm^2 removable surface activity, < 5,000 dpm/100cm^2 average total surface activity, and no hot spots within 1 m^2 over 15,000 dpm/100cm^2). Survey results for the **Building 444 Exterior Confirmation Survey** were evaluated against, and were less than the uranium removable DCGLs (i.e., <1,000 dpm/100cm^2 removable surface activity), < 5,000 dpm/100cm^2 average total surface activity, and no hot spots within 1 m^2 over 15,000 dpm/100cm^2). However, as discussed in Section 3, the outside docks in VIA 9 (which were not apart of the **Building 444 Exterior Confirmation Survey**) will be managed as LLW and were included in Attachment B-17.

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Media samples were taken and analyzed by ISOCS Canberra gamma spectroscopy or BC-4s. Uranium and/or other naturally occurring isotope activity were evaluated against, and were less than the Uranium DCGL$_W$ (5,000 dpm/100cm^2) unrestricted release limits. Media results were converted to dpm/100cm^2 using the Media Conversion Table, evaluated against the uranium DCGL limits, and are the values reported in the Radiological TSA Data Summary in support of the unrestricted release decision process. On this basis, all radiological results were less than the unrestricted release limits, except the remaining floor, wall and ceiling surfaces of portions of

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VIAs 1,2, 3, 4, 5, 6, 7 and 9. These areas will be managed and disposed of as LLW-PCB Bulk Product Waste. Refer to Section 3 and Attachment D for further discussion.

Consistent with EPA's G-4 DQO process, the radiological survey design for each survey unit performed per PDS requirements was optimized by checking actual measurement results acquired during pre-demolition surveys against the model output with original estimates. Use of actual sample/survey (result) variances in the MARSSIM DQO model confirms that an adequate number of surveys were acquired.

DQA SUMMARY

In summary, the data presented in this report have been verified and validated relative to the quality requirements and project decisions as stated in the original DQOs. All data are useable based on qualifications stated herein and are considered satisfactory without qualification. All media surveyed and sampled yielded results less than their associated action levels and with acceptable certainties, except for the following areas:

- Initial beta net activity was identified in Survey Unit 444301 at locations 630 (4,955.2 dpm/100cm^2), 706 (5,170.5 dpm/100cm^2), 711 (5,925.0 dpm/100cm^2) and 754 (8,870.5 dpm/100cm^2) greater than the Uranium $DCGL_W$ (5,000.0 dpm/100cm^2). A one square meter investigation was performed in accordance with RSP 16.01. The average of the original point and the eight (8) additional points within the square meter for all locations were less than the Uranium $DCGL_W$ unrestricted release limits and are the values reported in the TSA Data Summary. On this basis, no further investigation is required.
- After decontamination efforts and prior to application of fixative, several locations had levels of Beryllium contamination above action levels. All areas containing loose beryllium contamination above 0.1 μg/100cm^2 were immobilized using fixatives to below the unrestricted release limit of 0.2 μg/100cm^2 and the action level of 0.1 μg/100cm^2.
- Survey location #171 in survey unit 444202 was deleted from this PDSR as the wall that it was located on in Room 281 was removed. As a result, the actual number of media and pre and post TSA/RSA samples taken was 157, not the 158 planned. However, this does not impact the minimum number of samples required per MARSSIM as this was a biased (media) location.
- Based on Survey Unit 444201 (Building 444) classification as a Class 1 facility with a floor size of 2,806 square meters, a minimum of 421 random (systematic) samples were required per MARSSIM, Section 5.5.2.3. However, the minimum number of random samples required per MARSSIM includes a 20% factor to allow for invalid or missing points. Consequently, the 420 random samples taken as part of this PDS still satisfies the minimum number of samples required for a Class 1 facility per MARSSIM.
- After fixatives were applied, the entire sub-floor exhaust system under Rooms 101 and 107 (VIA 4) were filled with flow-fill to further immobilize any loose beryllium contamination. The flow-fill made sub-floor exhaust ducting inaccessible for further follow-up beryllium

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and radiological swipe surveys. Some of the sub-floor ducting is located under Room 107 floor, which is technically within VIA 5, however for purposes of reporting ease, all sub-floor ducting beryllium results are reported in the VIA 4 Beryllium Summary Table.

Based upon an independent review of the radiological data, it was determined that the original project DQOs satisfied MARSSIM guidance. Except as noted above, facility contamination levels were below applicable DCGL unrestricted release levels. Minimum survey requirements were met, sampling/survey protocol was performed in accordance with the PDSP and applicable RSPs, survey units were properly designed and bounded, and instrument performance and calibration was within acceptable limits. All final "as left" results meet the PDS unrestricted release.

Chain of Custody was intact; documentation was complete, hold times were acceptable (where applicable,) and packaging integrity/custody seals were maintained throughout the sampling/analysis process. Level 2 Isolation Controls have been posted to prevent the inadvertent introduction of further contamination into Building 444. On this basis, Building 444 is ready for demolition.

Table D-1 V&V of Radiological Results - Building 444

V&V CRITERIA, RADIOLGICAL SURVEYS		K-H RSP 16.00 Series MARSSIM (NUREG-1575)		
QUALITY REQUIREMENTS				
	Parameters	Measure	Frequency	COMMENTS
ACCURACY	Initial calibrations	90%<x<110%	≥1	Multi-point calibration through the measurement range encountered in the field; programmatic records.
	Daily source checks	80%<x<120%	≥1/day	Performed daily/within range.
	Local area background: Field	typically < 10 dpm	≥1/day	All local area backgrounds were within expected ranges (i.e., no elevated anomalies.)
PRECISION	Field duplicate measurements for TSA	≥5% of real survey points	≥10% of reals	N/A
REPRESENTATIVENESS	MARSSIM methodology: Multiple Survey Units – refer to Table D-7.	statistical and biased	NA	Random w/ statistical confidence.
	Survey Maps	NA	NA	Random and biased measurement locations controlled/mapped to ±1m.
	Controlling Documents (Characterization Pkg; RSPs)	qualitative	NA	Refer to the Characterization Package (planning document) for field/sampling procedures (located in Project files); thorough documentation of the planning, sampling/analysis process, and data reduction into formats.
COMPARABILITY	Units of measure	dpm/100cm^2	NA	Use of standardized engineering units in the reporting of measurement results.
COMPLETENESS	Plan vs. Actual surveys Usable results vs. unusable	>95% >95%	NA	See Table D-7 for details.
SENSITIVITY	Detection limits	(Uranium) TSA: ≤2,500 dpm/100cm^2 RA: ≤500 dpm/100cm^2	all final as left measures	MDAs ≤ 50% $DCGL_w$ per MARSSIM guidelines.

Table D-2 V&V of Beryllium Results - Building 444

V&V CRITERIA, CHEMICAL ANALYSES		DATA PACKAGE		
BERYLLIUM	Prep: NMAM 7300 METHOD: OSHA ID-125G	LAB ---->	Johns Manville Littleton, Colorado	
		RIN ---->	Multiple RINs – see table D-7	
				COMMENTS
QUALITY	REQUIREMENTS	Measure	Frequency	All final Beryllium results were below unrestricted release limits.
ACCURACY	Calibrations Initial	linear calibration	≥1	
	Continuing	80%<%R<120%	≥1	
	LCS/MS	80%<%R<120%	≥1	
	Blanks – lab & field	<MDL	≥1	
	Interference check std (ICP)	NA	NA	
PRECISION	LCSD	80%<%R<120% (RPD<20%)	≥1	
	Field duplicate	all results < RL	≥1	
REPRESENTATIVENESS	COC	Qualitative	NA	
	Hold times/preservation	Qualitative	NA	
	Controlling Documents (Plans, Procedures, maps, etc.)	Qualitative	NA	
COMPARABILITY	Measurement units	ug/100cm^2	NA	
COMPLETENESS	Plan vs. Actual samples Usable results vs. unusable	>95% >95%	NA	
SENSITIVITY	Detection limits	MDL of 0.00084 ug/swipe	all measures	

Table D-3 V&V of Volatile Organic Compounds (VOCs) – Building 444

V&V CRITERIA, CHEMICAL ANALYSES			DATA PACKAGE		
VOCs	METHOD: SW8260		LAB ---->	Severn-Trent, Denver, Co.	
			RIN ---->	RIN05Z0797	
QUALITY REQUIREMENT					COMMENTS
			Measure	frequency	All VOC results were below regulatory limits.
ACCURACY	calibrations	Initial	± 40%D in Response Factor	≥1/batch	
		Continuing	80%<%R<120%	≥1/batch	
	LCS		80%<%R<120%	≥1/batch	
	MS		75%<%R<125%	≥1 batch	
	blanks	Lab	ug/kg	≥1/batch	
	internal standards		retention times and area factors	≥1/batch	
	surrogate		%R (variable)	≥1/batch	
PRECISION	MSD		RPD<30%	≥1/batch	
	field duplicate		all results < RL	≥1/batch	
REPRESENTATIVENESS	COC		Qualitative	NA	
	hold times/preservation		≤ 14 days	NA	
	Controlling Documents (Plans, Procedures, maps, etc.)		Qualitative	NA	
COMPARABILITY			ug/kg	NA	
COMPLETENESS	Plan vs. Actual samples usable results vs. unusable		>95% >95%	NA	
SENSITIVITY	detection limits		Various	all analytes	

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Table D-4 V&V of Volatile Organic Compounds (SVOCs) – Building 444

V&V CRITERIA, CHEMICAL ANALYSES			DATA PACKAGE		
SVOCs	METHOD: SW8270		LAB ---->	Severn-Trent, Denver, Co.	
			RIN ---->	RIN05Z0797	
QUALITY REQUIREMENT					COMMENTS
			Measure	frequency	All SVOC results were below regulatory limits.
ACCURACY	calibrations	Initial	± 40%D in Response Factor	≥1/batch	
		Continuing	80%<%R<120%	≥1/batch	
	LCS		80%<%R<120%	≥1/batch	
	MS		75%<%R<125%	≥1 batch	
	blanks	Lab	ug/kg	≥1/batch	
	internal standards		retention times and area factors	≥1/batch	
	surrogate		%R (variable)	≥1/batch	
PRECISION	MSD		RPD<30%	≥1/batch	
	field duplicate		all results < RL	≥1/batch	
REPRESENTATIVENESS	COC		Qualitative	NA	
	hold times/preservation		≤ 14 days	NA	
	Controlling Documents (Plans, Procedures, maps, etc.)		Qualitative	NA	
COMPARABILITY			ug/kg	NA	
COMPLETENESS	Plan vs. Actual samples usable results vs. unusable		>95% >95%	NA	
SENSITIVITY	detection limits		Various	all analytes	

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Table D-5 V&V of Metals – Building 444

V&V CRITERIA, CHEMICAL ANALYSES			DATA PACKAGE		
Metals (total)	METHOD: SW6010/6020		LAB ---->	Severn-Trent, Denver, Co.	
			RIN ---->	RIN05Z0797	
QUALITY REQUIREMENT					COMMENTS
			Measure	frequency	All TCLP results were below associated action levels.
ACCURACY	calibrations	Initial	linear calibration	≥1/batch	
		Continuing	80%<%R<120%	≥1/batch	
	LCS		80%<%R<120%	≥1/batch	
	MS		75%<%R<125%	≥1/batch	
	blanks	Lab	mg/kg	≥1/batch	
	serial dilutions		%D<10%	≥1/batch	
	interference check std (ICP)		80%<%R<120%	bracket batch	
PRECISION	MSD		RPD<30%	≥1/batch	
	field duplicate		all results < RL	≥1/batch	
REPRESENTATIVENESS	COC		Qualitative	NA	
	hold times/preservation		≤180 days	NA	
	Controlling Documents (Plans, Procedures, Maps, etc.)		Qualitative	NA	
COMPARABILITY	-		mg/kg	NA	
COMPLETENESS	Plan vs. Actual samples usable results vs. unusable		>95% >95%	NA	
SENSITIVITY	detection limits		Various	all analytes	

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Table D-6 V&V of PCBs – Building 444

V&V CRITERIA, CHEMICAL ANALYSES			DATA PACKAGE		
PCBs	METHOD: SW8082		LAB ---->	Severn-Trent, Denver, Co.	
			RIN ---->	RIN05Z0797	
QUALITY REQUIREMENT					COMMENTS
			Measure	frequency	All PCB concentrations were below regulatory limits.
ACCURACY	calibrations	Initial	r^2 >0.99	≥1/batch	
		Continuing	80%<%R<120%	≥1/batch	
	LCS		80%<%R<120%	≥1/batch	
	MS		75%<%R<125%	≥1/batch	
	blanks	Lab	<MDL	≥1/batch	
PRECISION	MSD		75%<%R<125%	≥1/batch	
	field duplicate		all results < RL	≥1/batch	
REPRESENTATIVENESS	COC		Qualitative	NA	
	hold times/preservation		≤30 days extract ≤45 days analysis	NA	
	Controlling Documents (Plans, Procedures, maps, etc.)		Qualitative	NA	
COMPARABILITY			ug/kg	NA	
COMPLETENESS	Plan vs. Actual samples usable results vs. unusable		>95% >95%	NA	
SENSITIVITY	detection limits		Various	all analytes	

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Table D-7 Data Completeness Summary - Building 444

ANALYTE	Building/Area/Unit	Sample Number Planned (Real & QC)	Sample Number Taken (Real & QC)	Project Decisions (Conclusions) & Uncertainty	Comments (RIN, Analytical Method, Qualifications, etc.)
Beryllium	Building 444 – VIA 1 (interior)	95 samples (75 random/20 biased	805 samples (256 random/549 biased	[1] After application of fixative no Be contamination found at any location, all results were below associated action levels	10CFR850; OSHA ID-125G Building 444 VIA 1:RIN05D0301, RIN05D0302, RIN05D0306, RIN05D0308, RIN05Z0254, RIN05Z0285, RIN05Z0448, RIN05Z0454, RIN05Z0663, RIN05Z0666, RIN05Z0670, RIN05Z0783, RIN05Z0785, RIN05Z0786 and RIN05Z0839. Refer to Table C-1 for sample locations. [1] Refer to Attachment D, *Data Quality Assurance Detail,* regarding discussion of Be contamination identified greater than the associated action levels (0.2 ug/100cm^2) and investigative levels (0.1 ug/100cm^2).
Beryllium	Building 444 – VIA 2, including under floor trenches (interior)	95 samples (75 random/20 biased	607 samples (85 random/522 biased	[1] After application of fixative no Be contamination found at any location, all results were below associated action levels	10CFR850; OSHA ID-125G Building 444 VIA 2: RIN004Z2602, RIN05Z0251, RIN05Z0066, RIN05Z0252, RIN05Z0064 and RIN05Z0253, RIN05D3030, RIN05Z0664, Trenches: RIN05Z0064 and RIN05Z0252 Refer to Table C-2 for sample locations. [1] Refer to Attachment D, *Data Quality Assurance Detail,* regarding discussion of Be contamination identified greater than the associated action levels (0.2 ug/100cm^2) and investigative levels (0.1 ug/100cm^2).

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Table D-7 Data Completeness Summary - Building 444

ANALYTE	Building/Area/Unit	Sample Number Planned (Real & QC)	Sample Number Taken (Real & QC)	Project Decisions (Conclusions) & Uncertainty	Comments (RIN, Analytical Method, Qualifications, etc.)
Beryllium	Building 444 – VIA 3 (interior)	91 samples (71 random/20 biased	677 samples (313 random/364 biased	[1] After application of fixative no Be contamination found at any location, all results were below associated action levels	10CFR850; OSHA ID-125G Building 444 VIA 3: RIN05D0300, RIN05D0304, RIN05D0307, RIN05Z0068, RIN05Z0250, RIN05Z0450, RIN05Z0662, RIN05Z0665, RIN05Z0669 and RIN05Z0782. Refer to Table C-3 for sample locations. [1] Refer to Attachment D, *Data Quality Assurance Detail,* regarding discussion of Be contamination identified greater than the associated action levels (0.2 ug/100cm^2) and investigative levels (0.1 ug/100cm^2).
Beryllium	Building 444 – VIA 4 Also includes Rooms 101 and 107 Sub-Floor Exhaust Ducts (interior)	95 samples (75 random/20 biased) 0 Samples	122 samples (75 random/47 biased) [2] 119 samples (biased)	[1] After application of fixative no Be contamination found at any location, all results were below associated action levels	10CFR850; OSHA ID-125G VIA 4: RIN05Z0845, RIN05Z0882, RIN05Z0894 AND RIN05Z0917 Room 101 and 107 Sub-Floor Exhaust Ducts: RIN05Z0784, RIN05Z0882, RIN05Z0885 AND RIN05Z0921 Refer to Table C-4 for sample locations. [1] Refer to Attachment D, *Data Quality Assurance Detail,* regarding discussion of Be contamination identified greater than the associated action levels (0.2 ug/100cm^2) and investigative levels (0.1 ug/100cm^2). [2] Refer to Attachment D, *Data Quality Assurance Detail,* regarding discussion of the sub-floor ducts.

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Table D-7 Data Completeness Summary - Building 444

ANALYTE	Building/Area/Unit	Sample Number Planned (Real & QC)	Sample Number Taken (Real & QC)	Project Decisions (Conclusions) & Uncertainty	Comments (RIN, Analytical Method, Qualifications, etc.)
Beryllium	Building 444 – VIA 5 (interior)	84 samples (64 random/20 biased)	268 samples (67 random/201 biased)	[1] After application of fixative no Be contamination found at any location, all results were below associated action levels	10CFR850; OSHA ID-125G RIN05Z0667, RIN05Z0781, RIN05Z0789, RIN05Z0839, RIN05Z0840, RIN05Z0844, RIN05Z0882, RIN05Z0918 AND RIN05Z0929 Refer to Table C-5 for sample locations. [1] Refer to Attachment D, *Data Quality Assurance Detail,* regarding discussion of Be contamination identified greater than the associated action levels (0.2 ug/100cm^2) and investigative levels (0.1 ug/100cm^2).
Beryllium	Building 444 – VIA-5 (interior)	83 samples (63 random/20 biased)	345 samples (63 random/279 biased)	[1] After application of fixative no Be contamination found at any location, all results were below associated action levels	10CFR850; OSHA ID-125G RIN04Z2454, RIN04Z2478, RIN04Z2480, RIN04Z2566, RIN05D0514, RIN05Z0451, RIN05Z0453, RIN05Z0661, RIN05Z0790, RIN05Z0842, RIN05Z0843, RIN05Z0846, RIN05Z0847 AND RIN05Z0919 Refer to Table C-6 for sample locations. [1] Refer to Attachment D, *Data Quality Assurance Detail,* regarding discussion of Be contamination identified greater than the associated action levels (0.2 ug/100cm^2) and investigative levels (0.1 ug/100cm^2).

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Table D-7 Data Completeness Summary - Building 444

ANALYTE	Building/Area/Unit	Sample Number Planned (Real & QC)	Sample Number Taken (Real & QC)	Project Decisions (Conclusions) & Uncertainty	Comments (RIN, Analytical Method, Qualifications, etc.)
Beryllium	Building 444 – VIA 7 Former Plenum Chase (interior)	30 samples (20 random/10 biased	76 samples (30 random/46 biased	[1] After application of fixative no Be contamination found at any location, all results were below associated action levels	10CFR850; OSHA ID-125G RIN05Z0842 AND RIN05Z0920 Refer to Table C-7 for sample locations. [1] Refer to Attachment D, *Data Quality Assurance Detail,* regarding discussion of Be contamination identified greater than the associated action levels (0.2 ug/100cm^2) and investigative levels (0.1 ug/100cm^2).
Beryllium	Bldg. 444 – VIA 8 Roof Supply Plenums SP-1, SP-2 and SP-3 and Miscellaneous Roof Equipment (exterior)	0 samples	155 samples (41 random/114 biased)	No Be contamination found at any location, all results were below associated action levels	10CFR850; OSHA ID-125G SP-1: RIN 05Z0065 SP-2: RIN 05Z0065 SP-3: RIN 05Z0067 245 Plenum: RIN 03D2180, 04Z0198 Miscellaneous Roof Equipment: RIN 05Z0067 AND RIN 05Z0069 Refer to Table C-8 for sample locations. All results were below the action level (0.2 ug/100cm^2) and investigative level (0.1 ug/100cm^2).
VOCs	Building 444 (interior)	1 + 1 duplicate (solid)	1 sample (solid-core sample)	No VOC contamination found, all results were below regulatory limits	SW8260 RIN05Z0797

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Table D-7 Data Completeness Summary - Building 444

ANALYTE	Building/Area/Unit	Sample Number Planned (Real & QC)	Sample Number Taken (Real & QC)	Project Decisions (Conclusions) & Uncertainty	Comments (RIN, Analytical Method, Qualifications, etc.)
SVOCs	Building 444 (interior)	1 + 1 duplicate (solid)	1 sample (solid-core sample)	No SVOC contamination found, all results were below regulatory limits	SW8270 RIN05Z0797
Metals	Building 444 (interior)	1 + 1 duplicate (solid)	1 sample (solid-core sample)	No Metal contamination found, all results were below regulatory limits	SW6010/6020 RIN05Z0797
PCBs	Building 444 (interior)	1 + 1 duplicate (solid)	1 sample (solid-core sample)	No PCB contamination found, all results were below regulatory limits	SW8082 RIN05Z0797

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Table D-7 Data Completeness Summary - Building 444

ANALYTE	Building/Area/Unit	Sample Number Planned (Real & QC)	Sample Number Taken (Real & QC)	Project Decisions (Conclusions) & Uncertainty	Comments (RIN, Analytical Method, Qualifications, etc.)
Radiological	Survey Area: 444 VIA 1 Survey Unit: 444101 Bldg. 444 VIA #1 – Corridors A1, A2, A3, B and Rooms 116, 116A, 116B, 116C, 116 Pit, 120, 120A, 122, 124, 124A, 125, 125 Pit, 126, 128, 128A, 136A, 137, 137A, 137B, 154, 162, 163, 172, 172A and 172B	57 β TSA (33 systematic/24 biased) 57 β Smears (33 systematic/24 biased) 45 Media Samples (21 random/24 biased) 45 β TSA/45 β RSA Pre and Post 2 QC TSA 100% scan of floors; 25% scan of walls and ceiling	57 β TSA (33 systematic/24 biased) 57 β Smears (33 systematic/24 biased) 45 Media Samples (21 random/24 biased) 45 β TSA/45 β RSA Pre and Post 2 QC TSA 100% scan of floors; 25% scan of walls and ceiling	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used.
Radiological	Survey Area: VIA 1 Survey Unit: 444102 Bldg. 444 VIA #1 – Rooms 111, 117, 117A and 117C (All Surfaces)	30 β TSA (15 systematic/15 biased) 30 β Smears (15 systematic/15 biased) 28 Media Samples (13 random/15 biased) 28 β TSA/28 β RSA Pre and Post	30 β TSA (15 systematic/15 biased) 30 β Smears (15 systematic/15 biased) 28 Media Samples (13 random/15 biased) 28 β TSA/28 β RSA Pre and Post	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used.

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Table D-7 Data Completeness Summary - Building 444

ANALYTE	Building/Area/Unit	Sample Number Planned (Real & QC)	Sample Number Taken (Real & QC)	Project Decisions (Conclusions) & Uncertainty	Comments (RIN, Analytical Method, Qualifications, etc.)
		2 QC TSA 100% scan of floors, 25% scan of walls and ceilings	2 QC TSA 100% scan of floors, 25% scan of walls and ceilings		
Radiological	Survey Area: VIA 1 Survey Unit: 444104 Bldg. 444 VIA #1 – Rooms 102, 103C, 103D, 105, 105A, 108, 108A, 108B, 110, 110A, 112, 112A, 115, 170 and 175 (All Surfaces, Except designated LLW Areas)	27 β TSA (21 systematic/6 biased) 27 β Smears (21 systematic/6 biased) 14 Media Samples (8 random/6 biased) 14 β TSA/14 β RSA Pre and Post 2 QC TSA 50% scan	27 β TSA (21 systematic/6 biased) 27 β Smears (21 systematic/6 biased) 14 Media Samples (8 random/6 biased) 14 β TSA/14 β RSA Pre and Post 2 QC TSA 50% scan	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used.
Radiological	Survey Area: VIA 2 Survey Unit 444201 Bldg. 444 VIA #2 – Floor	456 β TSA (421 systematic/35 biased) 456 β Smears (421 systematic/35 biased) 22 QC TSA 35 Media (biased)	455 β TSA (420 systematic/35 biased) 455 β Smears (420 systematic/35 biased) 22 QC TSA 35 Media (biased)	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used. Based on this survey unit's Classification (Class 1) and floor size, a minimum of 421 random (systematic) samples were required per MARSSIM, Section 5.5.2.3. However, the minimum number of random samples required per MARSSIM includes a 20% factor to allow for invalid or missing points. Consequently, the 420 random samples taken as part of this PDS still satisfies the minimum number of samples required for a Class 1 facility per MARSSIM.

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Table D-7 Data Completeness Summary - Building 444

ANALYTE	Building/Area/Unit	Sample Number Planned (Real & QC)	Sample Number Taken (Real & QC)	Project Decisions (Conclusions) & Uncertainty	Comments (RIN, Analytical Method, Qualifications, etc.)
		35 β TSA/35 β RSA Pre and Post 100% scan	35 β TSA/35 β RSA Pre and Post 100% scan		
Radiological	Survey Area: VIA 2 Survey Unit: 444202 Building 444 VIA #2 - Walls and Ceiling	214 β TSA (57systematic/157 biased) 214 β Smears (57systematic/157 biased) 157 Media (biased) 157 β TSA/157 β RSA Pre and Post 4 QC TSA 25% scan	214 β TSA (57systematic/157 biased) 214 β Smears (57systematic/157 biased) 157 Media (biased) 157 β TSA/157 β RSA Pre and Post 4 QC TSA 25% scan	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used. Survey location #171 was deleted from this survey unit as the wall that it was located on in Room 281 was removed. As a result, the actual number of media and pre and post TSA/RSA samples taken is 157, not the 158 planned. However, the minimum number of samples required per MARSSIM is not affected as this is a bias location.
Radiological	Survey Area: VIA 2 Survey Unit: 444203 Building 444 VIA #2 - Trenches	33 β TSA (systematic) 33 β Smears (systematic) 2 QC TSA 100% scan	33 β TSA (systematic) 33 β Smears (systematic) 2 QC TSA 100% scan	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used.

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Table D-7 Data Completeness Summary - Building 444

ANALYTE	Building/Area/Unit	Sample Number Planned (Real & QC)	Sample Number Taken (Real & QC)	Project Decisions (Conclusions) & Uncertainty	Comments (RIN, Analytical Method, Qualifications, etc.)
Radiological	Survey Area: VIA 3 Survey Unit: 444301 Bldg. 444 VIA #3 – Floors and Walls < 2 meters (Except designated LLW Areas)	669 β TSA (365 systematic/304 biased) 669 β Smears (365 systematic/304 biased) 152 Media (biased) 152 β TSA/152 β RSA Pre and Post 19 QC TSA 100% scan	669 β TSA (365 systematic/304 biased) 669 β Smears (365 systematic/304 biased) 152 Media (biased) 152 β TSA/152 β RSA Pre and Post 19 QC TSA 100% scan	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used. Initial net activity was identified at locations 630 (4,955.2 dpm/100cm^2), 706 (5,170.5 dpm/100cm^2), 711 (5,925.0 dpm/100cm^2) and 754 (8,870.5 dpm/100cm^2) greater than the Uranium $DCGL_W$ (5,000.0 dpm/100cm^2). A one square meter investigation was performed and all results were less than the Uranium $DCGL_W$, therefore, no further investigation is required. Refer to Attachment D, *Data Quality Assurance Detail*, for further discussion. The investigation results are reported in the TSA Data Summary.
Radiological	Survey Area: VIA 3 Survey Unit: 444302 Bldg. 444 VIA #3: All Rooms – Ceilings and Walls > 2 meters (Except designated LLW Areas)	72 β TSA (46 systematic/36 biased) 72 β Smears (46 systematic/36 biased) 36 Media (36 biased) 36 β TSA/36 β RSA Pre and Post 3 QC TSA 50% scan	72 β TSA (46 systematic/36 biased) 72 β Smears (46 systematic/36 biased) 36 Media (36 biased) 36 β TSA/36 β RSA Pre and Post 3 QC TSA 50% scan	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used.

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Table D-7 Data Completeness Summary - Building 444

ANALYTE	Building/Area/Unit	Sample Number Planned (Real & QC)	Sample Number Taken (Real & QC)	Project Decisions (Conclusions) & Uncertainty	Comments (RIN, Analytical Method, Qualifications, etc.)
Radiological	Survey Area: VIA 4 Survey Unit: 444401 Bldg. 444 VIA #4 – Walls and Ceilings (Except designated LLW area)	594 β TSA (467 systematic/127 biased) 594 β Smears (467 systematic/127 biased) 248 Media Samples (121 random/127 biased) 248 TSA and 248 RSA Pre and Post 26 QC TSA 100% scan	594 β TSA (467 systematic/127 biased) 594 β Smears (467 systematic/127 biased) 248 Media Samples (121 random/127 biased) 248 TSA and 248 RSA Pre and Post 26 QC TSA 100% scan	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used.
Radiological	Survey Area: VIA 5 Survey Unit: 444501 Bldg. 444 VIA #5 – Rooms 113, 113A and 118 , All Surfaces (Except designated LLW areas)	33 β TSA (22 systematic/11 biased) 33 β Smears (22 systematic/11 biased) 28 Media (17 random/11 biased) 28 β TSA/28 β RSA Pre and Post 2 QC TSA	33 β TSA (22 systematic/11 biased) 33 β Smears (22 systematic/11 biased) 28 Media (17 random/11 biased) 28 β TSA/28 β RSA Pre and Post 2 QC TSA	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used.

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Table D-7 Data Completeness Summary - Building 444

ANALYTE	Building/Area/Unit	Sample Number Planned (Real & QC)	Sample Number Taken (Real & QC)	Project Decisions (Conclusions) & Uncertainty	Comments (RIN, Analytical Method, Qualifications, etc.)
		100% scan of floors, 50% scan of walls and ceilings	100% scan of floors, 50% scan of walls and ceilings		
Radiological	Survey Area: VIA 5 Survey Unit: 444502 Bldg. 444 VIA #5 – Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C and Elevators 1 & 2, Walls < 2 meters (Except designated LLW area)	234 β TSA (176 systematic/58 biased) 234 β Smears (176 systematic/9 biased) 177 Media (119 random/58 biased) 177 β TSA/177 β RSA Pre and Post 9 QC TSA 100% scan	234 β TSA (176 systematic/58 biased) 234 β Smears (176 systematic/9 biased) 177 Media (119 random/58 biased) 177 β TSA/177 β RSA Pre and Post 9 QC TSA 100% scan	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used.
Radiological	Survey Area: VIA 5 Survey Unit: 444503 Bldg. 444 VIA #5 – Rooms 104D, 106, 106A, 106B, 106C, 107, 107A and 107B Walls and Ceiling (Except designated LLW area)	244 β TSA (142 systematic/102 biased) 244 β Smears (142 systematic/102 biased) 180 Media (78 random/102 biased)	244 β TSA (142 systematic/102 biased) 244 β Smears (142 systematic/102 biased) 180 Media (78 random/102 biased)	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used.

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Table D-7 Data Completeness Summary - Building 444

ANALYTE	Building/Area/Unit	Sample Number Planned (Real & QC)	Sample Number Taken (Real & QC)	Project Decisions (Conclusions) & Uncertainty	Comments (RIN, Analytical Method, Qualifications, etc.)
		180 β TSA/180 β RSA Pre and Post 8 QC TSA 100% scan	180 β TSA/180 β RSA Pre and Post 8 QC TSA 100% scan		
Radiological	Survey Area: VIA 5 Survey Unit: 444504 Bldg. 444 VIA #5 – Rooms 103, 103A, 103B, 104, 104A, 104B, 104C, 104E, 109, 109A, 109B, 109C and Elevators 1 & 2, Ceilings and Walls > 2 meters (Except designated LLW area)	31 β TSA (systematic) 31 β Smears (systematic) 31 Media Samples 31 β TSA/31 β RSA Pre and Post 2 QC TSA 50% scan	31 β TSA (systematic) 31 β Smears (systematic) 31 Media Samples 31 β TSA/31 β RSA Pre and Post 2 QC TSA 50% scan	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used.
Radiological	Survey Area: VIA 6 Survey Unit: 444604 Building 444 VIA6 – Room 8 Tunnels (Floor, Walls and Ceiling)	15 β TSA (systematic) 15 β Smears (systematic) 2 QC TSA 100% scan	15 β TSA (systematic) 15 β Smears (systematic) 2 QC TSA 100% scan	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used.

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Table D-7 Data Completeness Summary - Building 444

ANALYTE	Building/Area/Unit	Sample Number Planned (Real & QC)	Sample Number Taken (Real & QC)	Project Decisions (Conclusions) & Uncertainty	Comments (RIN, Analytical Method, Qualifications, etc.)
Radiological	Survey Area: 444-8 Survey Unit: 444801 Building 444 VIA N/A – Roof Filter Plenum 245 (Interior – all surfaces)	25 β TSA (systematic) 25 β Smears (systematic) 2 QC TSA 100% scan	25 β TSA (systematic) 25 β Smears (systematic) 2 QC TSA 100% scan	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used.
Radiological	Survey Area: 444-8 Survey Unit: 444802 Building 444 VIA N/A – Roof SP-1, SP-2, SP-3 and Air Plenum (Room 301) (Interior)	15 β TSA (random) 15 β Smears (random) 2 QC TSA 10% scan	15 β TSA (random) 15 β Smears (random) 2 QC TSA 10% scan	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used.
Radiological	Survey Area: 444-VIA 2 Survey Unit: 444902 Bldg. 444 VIA 2, Rooms 179, 180B, 180B Hall and Exterior Door 29 Pad (All Surfaces – Except designated LLW Areas)	30 β TSA (systematic) 30 β Smears (systematic) 2 QC TSA 100% scan	30 β TSA (systematic) 30 β Smears (systematic) 2 QC TSA 100% scan	No contamination at any location; all locations below PDS unrestricted release levels	Uranium DCGLs used. Survey point locations 21, 22, 23, 24, 29 and 30 were removed from the floor to the nearest wall due to the floor being reclassified as low level waste. Also, survey point location 25 was moved to the nearest wall due to removal of the wall.

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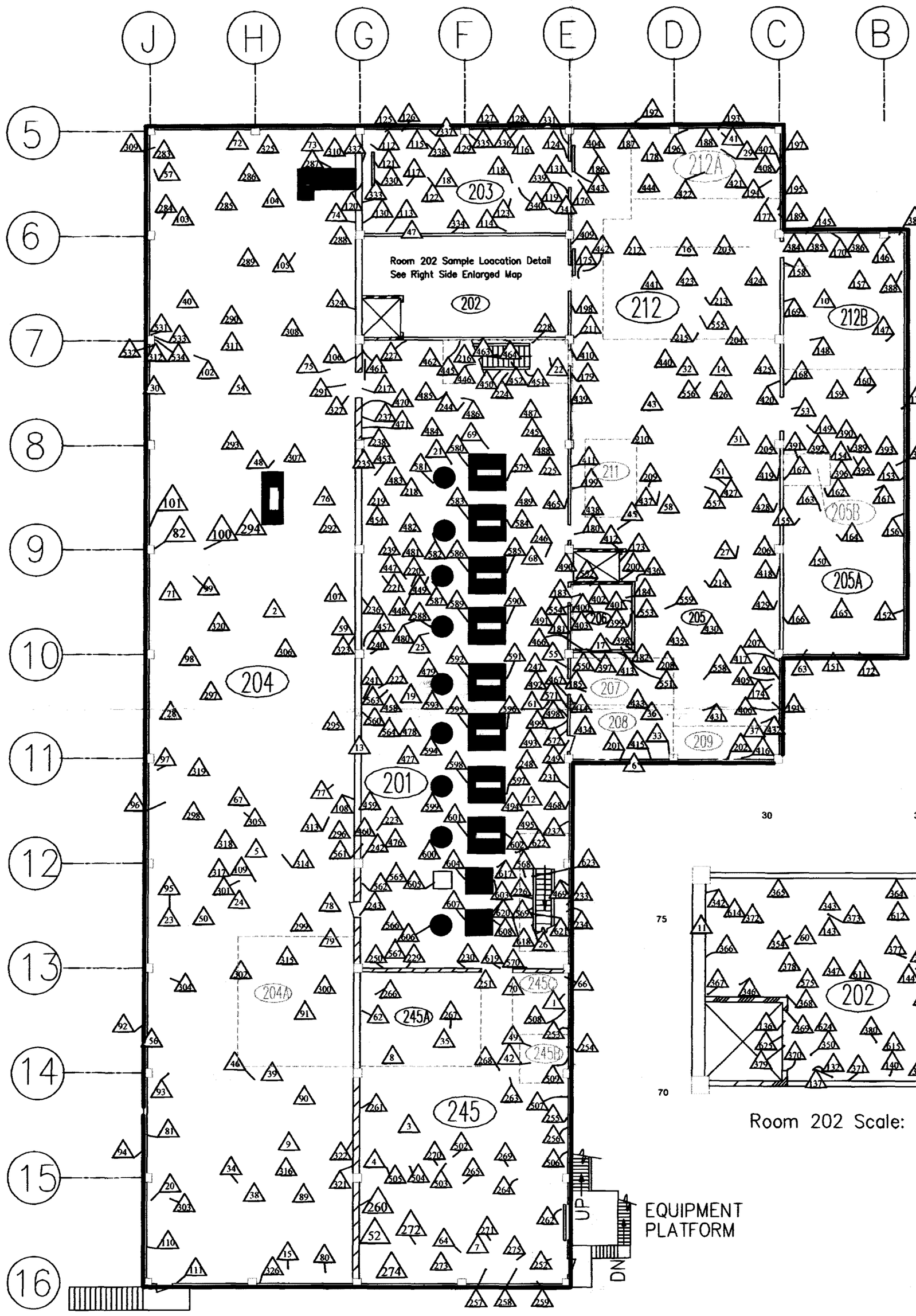
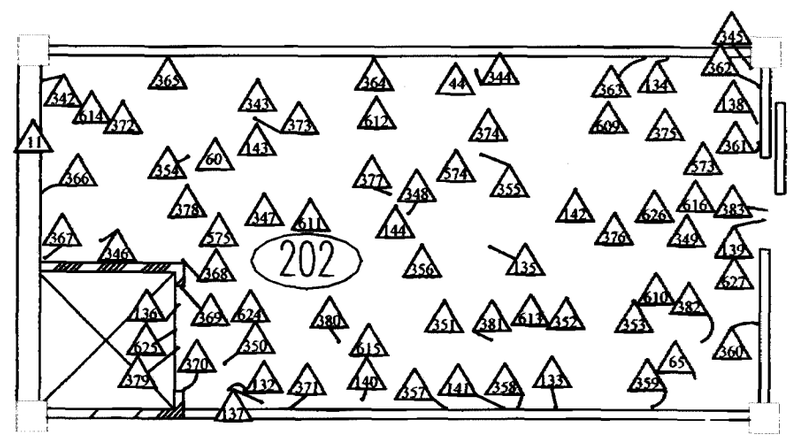
PDS BERYLLIUM SAMPLE MAP

BLDG: B444 Survey Area: B444-VIA-3 Survey Unit: N/A Classification: N/A

Survey Area/Unit Description: Building 444 VIA-3

Floor Area: 2,314 sq.m Total Area: N/A Grid Spacing for Survey Area: N/A





Room 202 Scale: 1 inch = 12 feet

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Wall Removed

N

0 FEET 24
0 METERS 8

1 inch = 24 feet
1 grid sq. = 1 sq. m.

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Prepared for: KAISER HILL

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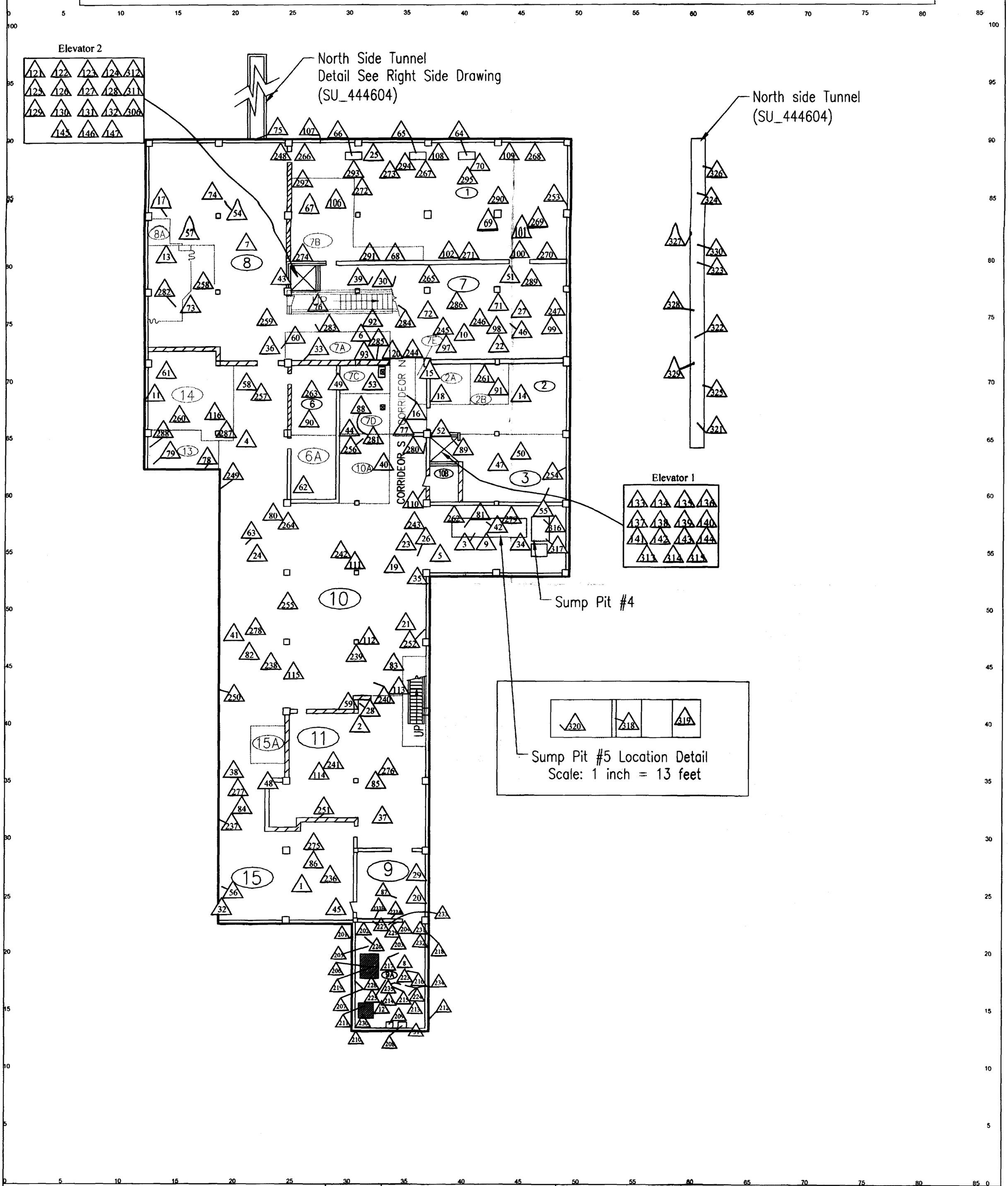
B444-A-000128

PDS BERYLLIUM SAMPLE MAP

BLDG: B444 Survey Area: B444-VIA-6 Survey Unit: N/A Classification: N/A

Survey Area/Unit Description: VIA-6

Floor Area: 1,971 sq.m Total Area: N/A Grid Spacing for Survey Area: N/A



SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Wall Removed

N

0 FEET 26
0 METERS 8

1 inch = 26 feet
1 grid sq. = 1 sq. m.

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Prepared for: KAISER HILL

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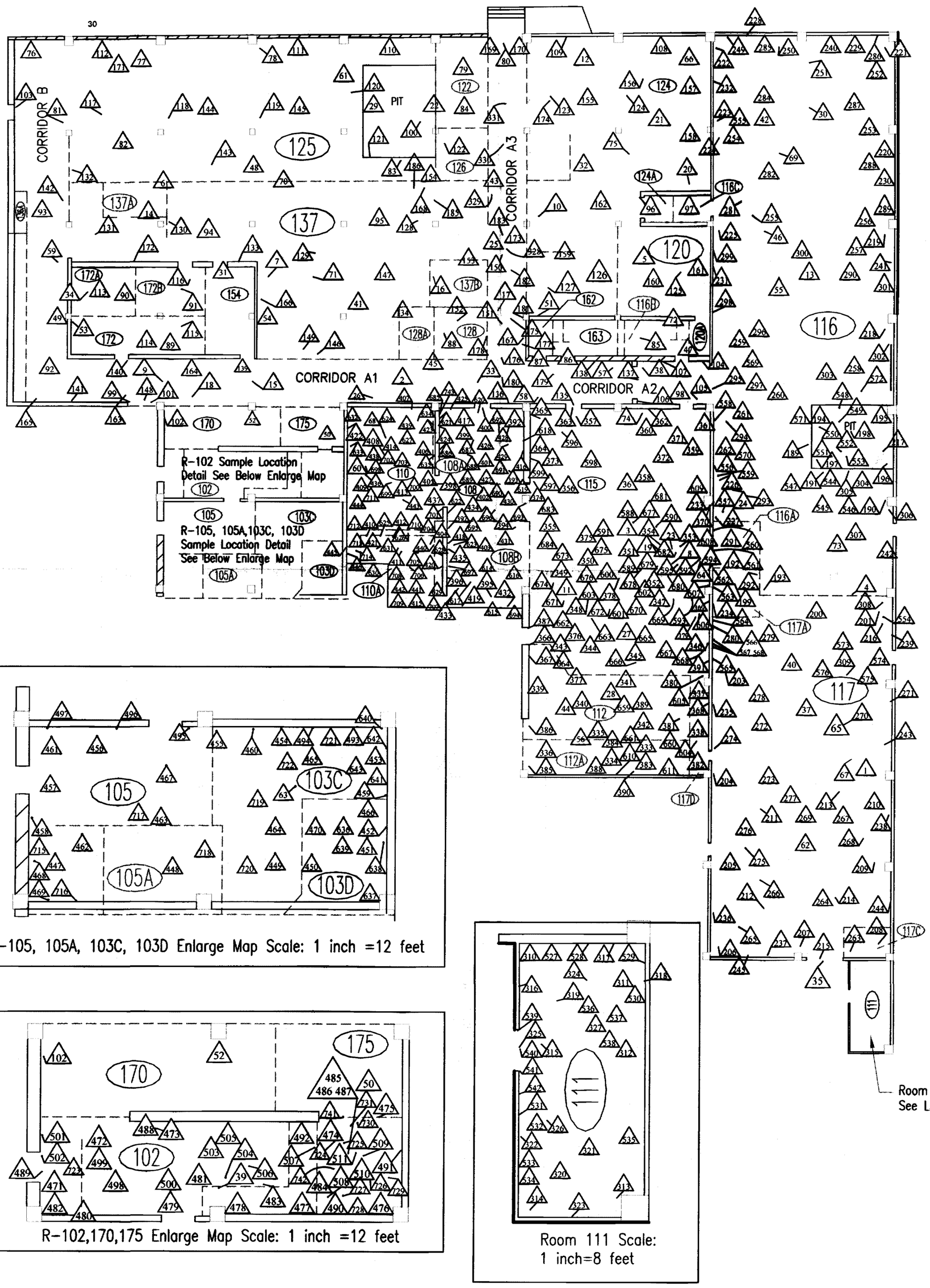
B444-A-000128

PDS BERYLLIUM SAMPLE MAP

BLDG: B444 Survey Area: B444-VIA-1 Survey Unit: N/A Classification: N/A

Survey Area/Unit Description: Building 444 VIA # 1

Floor Area: 2,665 sq.m Total Area: N/A Grid Spacing for Survey Area: N/A



R-105, 105A, 103C, 103D Enlarge Map Scale: 1 inch =12 feet

R-102,170,175 Enlarge Map Scale: 1 inch =12 feet

Room 111 Scale:
1 inch=8 feet

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Wall Removed

N

0 FEET 24
0 METERS 8

1 inch = 24 feet
1 grid sq. = 1 sq. m.

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Prepared for: KAISER HILL

File Name: B444_VIA-1_Be.DWG | Sheet 1 of 1 | Rev: 7

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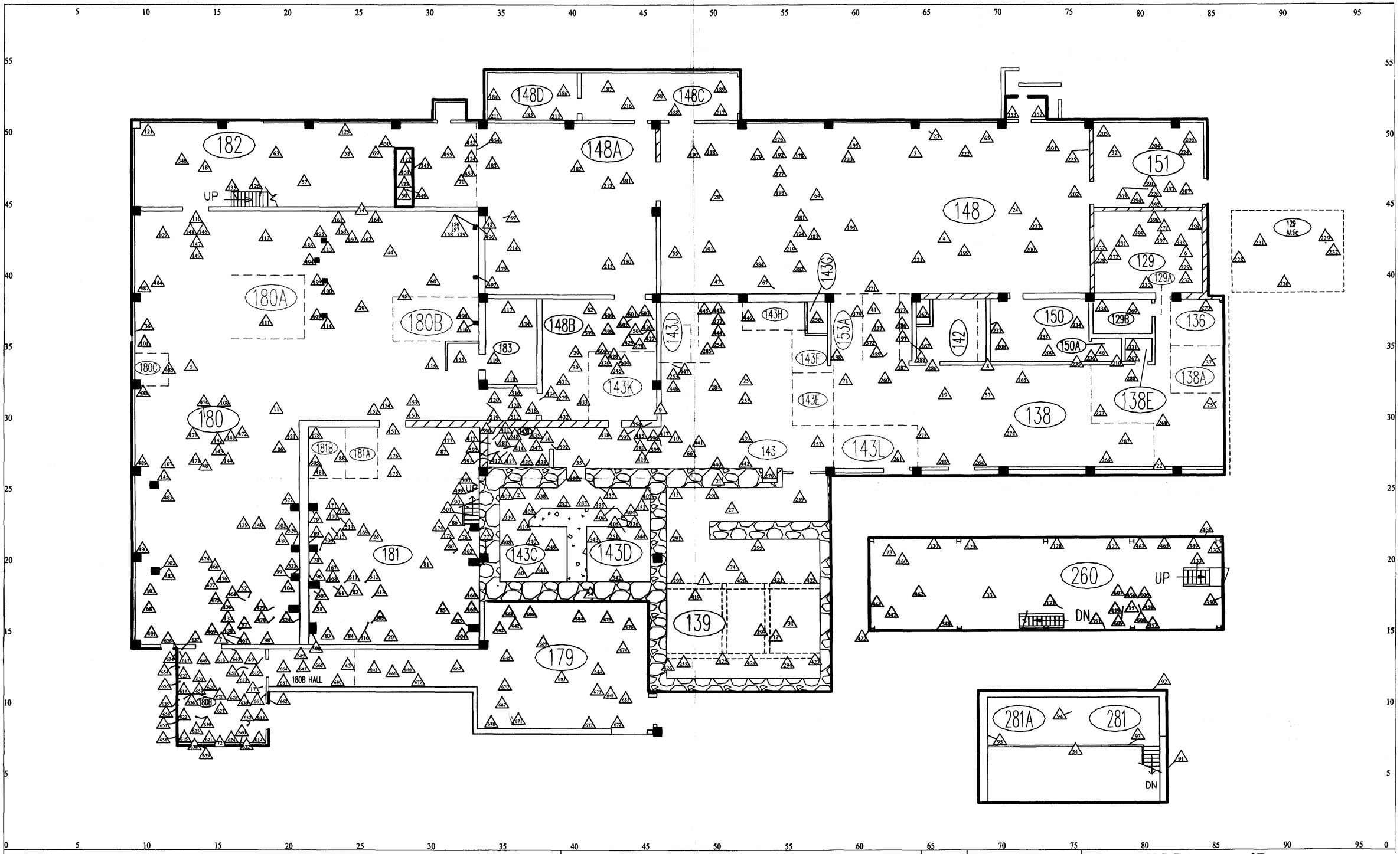
B444-A-000128



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PDS BERYLLIUM SAMPLE MAP

BLDG: 444 Survey Area: VIA-2 Survey Unit: N/A Classification: N/A

Survey Area/Unit Description: Building 444 VIA #2

Floor Area: 2,955 sq.m Total Area: N/A Grid Spacing for Survey Area: N/A

SURVEY POINT LEGEND

- Radiological RSA & TSA Location
- Radiological RSA , TSA & Sample Location
- Beryllium Sample Location
- RCRA/CERCLA Sample Location
- Exterior Wall Removed
- Interior Wall Removed
- Radiological Scan Area
- Open/Inaccessible Area
- Area in Another Survey Unit

N

0 FEET 20
0 METERS 6.5

1 inch = 20 feet
1 grid sq. = 1 sq. m.

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