



**DEPARTMENT OF VETERANS AFFAIRS
Veterans Health Administration
National Health Physics Program
2200 Fort Roots Drive
North Little Rock, AR 72114**

APR 27 2005

In Reply Refer To: 598/115HP/NLR

Kevin G. Null
Division of Nuclear Material Safety
Region III
Nuclear Regulatory Commission (NRC)
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

Dear Mr. Null:

Per NRC License 03-23853-01VA, we are enclosing closeout survey documentation for Jesse Brown VA Medical Center, Chicago, Illinois, for review and approval. The survey results are to release for unrestricted use the location of use at 333 East Huron Street, except for continued use of materials under 10 CFR 35.100 and 35.200.

In a letter of November 18, 2004, you approved similar closeout survey documentation including a historical site assessment for the medical center to release a location of use at 400 East Ontario. For this request, we are enclosing documentation with the following information: a request letter from the medical center of April 5, 2005, a final status survey report in two volumes prepared by an environmental contractor of December 8, 2004, and a clarification letter from the Radiation Safety Officer of January 7, 2005.

The closeout survey documentation is consistent with decommissioning requirements under 10 CFR 30.36. Based on the closeout survey results and historical site assessment, we conclude residual radioactive contamination is unlikely.

If you have any questions, please contact Gary E. Williams, VHA National Health Physics Program, at (501) 257-1572.

Sincerely,

E. Lynn McGuire
Director, National Health Physics Program

Enclosure

APR 28 2005



DEPARTMENT OF VETERANS AFFAIRS

**Jesse Brown VA Medical Center
820 South Damen Avenue
Chicago IL 60612**

April 5, 2005

In Reply Refer To: 537/00

E. Lynn McGuire, Director
National Health Physics Program (115HP/NLR)
Department of Veterans Affairs
Veterans Health Administration
2200 Fort Roots Drive
North Little Rock, AR. 72114

RE: Permit No. 12-02642-06

Dear Mr. McGuire,

This is an amendment request to release the VA Lakeside Building, located at 333 E. Huron, Chicago, IL, for unrestricted use, except for continued operation of our Nuclear Medicine Service.

An Enhanced Use Lease (EUL) agreement for the VA Lakeside Building was signed in January 2005 with Northwestern Memorial Hospital. Under the terms of the agreement, VA retains possession and full administrative control of the entire building until December 31, 2007, unless VA chooses to vacate the property sooner. Furthermore, the Secretary has the authority needed to also transfer all right, title, and interest of the United States to the leased property to Northwestern Memorial Hospital during the leased term.

Our intent is to continue to operate a community based outpatient clinic in the building during this transition period. The Nuclear Medicine Service will continue to operate in the building until July 2005 or later. Northwestern Memorial Hospital is fully aware of and approves of this use of licensed material in the building. Until arrangements have been made to close the Lakeside Nuclear Medicine Service, they will possess and use only radioactive materials approved for use under 10 CFR 35.100 and 35.200, and sealed sources approved under 10 CFR 35.65. We will complete closeout surveys to comply with 10 CFR 20 when discontinuing operation of the Nuclear Medicine Service and provide notification to your office under 10 CFR 35.14 to delete the location of use.

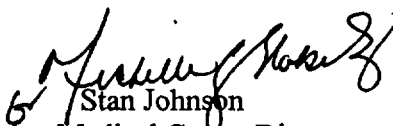
A Final Status Survey Report (FSSR) was recently sent to you by our consultant, Cabrera Services, in support of this amendment request. The report demonstrates the VA Lakeside Building does not have residual radioactive contamination above any regulatory limit. Even though the Nuclear Medicine Service will temporarily remain open, the FSSR includes radiological surveys to show that there are no long-lived contaminants from historic uses in their space.

Enclosed is information related to a small quantity of residual tritium contamination found in the floor drains of the former radioactive waste storage room. Sampling results were obtained after the FSSR was completed by the contractor. We conclude the floor drains do not have residual radioactive contamination above any regulatory limit.

In addition, a small amount of contamination was found on internal surfaces of the radioactive waste compactor in the same room. Enclosed are survey results of the compactor and the floor in the immediate area after decontamination. During decontamination, one 55 gallon drum of radioactive waste was generated. The drum will be transferred to an authorized radioactive waste broker during the last two weeks of April 2005, a firm date has not been established.

If you have any questions regarding this letter, please contact our Radiation Safety Officer, Mr. David Derenzo, at 312-569-6596.

Sincerely,


Stan Johnson
Acting Medical Center Director

**VA Lakeside Building
Radioactive Waste Room
Tritium Contamination and Dose Assessment**

During decommissioning measurements a small amount of tritium (H-3) contamination was detected in the floor drains of the former radioactive waste storage room (room 1SB-10A) of the VA Lakeside Hospital Building, 333 E. Huron, Chicago, IL. This contamination and dose assessment was prepared to estimate the radiation doses that individuals might receive if they were to be exposed to this contamination.

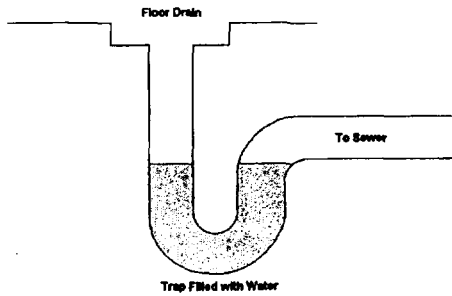
Samples were collected from the sink traps and floor drains of all known and suspected waste disposal rooms as part of the decommissioning measurements taken in the VA Lakeside Building. Samples of debris and sludge collected in October 2004 from two floor drains in room 1SB-10A showed positive results for tritium (H-3). These findings were reported to the VA National Health Physics Program in the Final Status Survey Report (Cabrera 2004).

On 12/9/04 the drains in room 1SB-10A were cleared of debris and sludge and flushed with copious amounts of fresh water. Several days were allowed to pass so that any residual tritium would come into equilibrium with the fresh water in the drains. Wipe test samples and water samples were collected on 12/20/04 from each floor drain. The wipe test samples were analyzed by the JBVAMC Radiation Safety Office. Results are provided in the table below.

| Sample | H-3* | C-14* |
|--|---------------------------------|--------------------------------|
| Entrance Area of Drain 1 | 87.37 dpm/100 cm ² | < 8.27 dpm/100 cm ² |
| Inner Pipe Below Water Level Drain 1 | < 10.79 dpm/100 cm ² | < 8.27 dpm/100 cm ² |
| Entrance Area of Drain 2 | 52.75 dpm/100 cm ² | 15.39 dpm/100 cm ² |
| Inner Pipe Below Water Level Drain 2 | 12.27 dpm/100 cm ² | < 8.27 dpm/100 cm ² |
| * The minimum detectable activities of the liquid scintillation counting system used to analyze these samples using the chosen counting techniques are 10.79 dpm for H-3 and 8.27 dpm for C-14 | | |

Water samples were sent to an offsite analytical laboratory for analysis. The samples were prepared for individual tritium (H-3) and carbon-14 (C-14) counting procedures using liquid scintillation analysis techniques. Sample number 1SB-10A-FD4 was reported as having a concentration of $117,000 \pm 18,000$ (2-sigma, 2σ) picocuries per liter (pCi/L) H-3. This was the only positive result reported from the laboratory for this set of samples. This value was used in the assessment of contamination within the pipe and in the dose assessments.

An estimate of the H-3 deposited on internal surfaces of drain line was compared with the with NRC surface contamination levels established in NUREG-1757, *Consolidated NMSS Decommissioning Guidance*." The drain is represented in the drawing below.



The following calculation is provided as an estimate of the amount of tritium adhering to the sides of the trap.

Given:

- H-3 concentration of 117,000 pCi/L (117 pCi/ml) measured in the water sample collected from the drain trap.
- Diameter of Trap: 6"

Assumptions:

- Length of affected floor trap: 24"
- Density of water = 1 g/cm³ for water, i.e., 1 ml = 1 cm³
- 10% of available H-3 is present in water (compared to levels on walls of pipe)

Calculations:

$$\begin{aligned}
 SurfaceArea_{Trap} &= \pi(Diameter)(Length) \\
 &= (3.14159)(6in)(24in)(2.54 cm/in)^2 \\
 &= 2918.64 cm^2
 \end{aligned}$$

$$\begin{aligned}
 Volume_{Trap} &= \pi R^2(Length) \\
 &= (3.14159)(3 in)^2(24in)(2.54 cm/in)^3 \\
 &= 1.11E+04 cm^3 = 11.1 liters
 \end{aligned}$$

$$\begin{aligned}
 Max Activity on Walls of Trap(\mu Ci) &= \frac{(Water Conc)(Vol_{trap})}{(0.1_{Remov.Frac})} \\
 &= \frac{(1.17E-04 \mu Ci/ml)(1.11E+04 cm^3)}{(0.1_{Remov.Frac})} \\
 &= 13 \mu Ci
 \end{aligned}$$

$$\begin{aligned}
 Max Surf. Cont. \left(\frac{dpm}{100cm^2} \right) &= \frac{(Water Conc)(Vol_{trap})(CF)}{(0.1_{Remov.Frac})(Surf Area)} \\
 &= \frac{(117 pCi/ml)(1.11E+04 cm^3)(2.22 dpm/pCi)}{(0.1_{Remov.Frac})(2.918E+03 cm^2)} \\
 &= 9.896E+03 \frac{dpm}{cm^2} \\
 &= 9.986E+05 \frac{dpm}{100cm^2}
 \end{aligned}$$

This calculation shows that the maximum H-3 expected to be present as surface contamination within the drain trap in Room 1SB-10A is $9.986\text{E}+05$ dpm per 100 cm^2 . This calculation is intended to serve as a worst case estimate in areas of the pipe that cannot be directly sampled. The accessible sections of the drain and trap that have been wipe tested indicate levels that are significantly lower.

Using the conservative assumptions in this calculation, the maximum expected value is significantly below the $1.2\text{E}+08$ dpm per 100 cm^2 building surface screening value in NUREG-1757. This comparison is for information purposes only since the screening values presented in NUREG-1757 are intended for use in interior building spaces that may be occupied.

In order to assess potential exposure to members of the public from this source of H-3, the following general assumptions were made:

- The measured concentration of H-3 is consistent throughout the entire length of drain pipe (assumed to be 30 feet) to be excavated or disturbed during construction activities.
- The drain line is assumed to be 6 inches in diameter. The water in the drain line occupies only a small fraction of the total pipe volume, primarily the amount in the two drain traps, only one of which is contaminated. A relatively small amount may also be in the remaining pipe since the drain lines are sloped toward the discharge point to induce natural gravity flow. The total volume of *contaminated* water is estimated to be no more than double the amount in the contaminated trap, or 22.2 liters.
- The measured H-3 is in the form of tritium oxide (or HTO) in water.
- The limiting exposure scenario is to an industrial worker performing demolition or excavation services without respiratory or dermal protection in room 1SB-10A.
- The exposure to the worker is assumed to be acute, resulting in a single intake over a very short duration (5 days or 40 hours max).
- The Effective Half-Life of H-3 is 9.5 days.
- The limiting dose pathways for HTO are inhalation/ingestion, with equal dose conversion factors (DCF) of ~ 63 mrem/mCi committed effective dose equivalent (CEDE). This is derived from the published Annual Limit on Intake (ALI) value of 80 mCi from ICRP 30 (also published in 10CFR 20 Appendix B, Table 2).

Any additional specific assumptions are provided within the context of individual calculations.

Given a steady-state H-3 concentration of 117,000 pCi/L ($0.117\text{ }\mu\text{Ci/L}$) in the pipe, a total H-3 source term is calculated as follows:

$$\begin{aligned}A_{\text{H-3}} &= (\text{Conc. in Pipe})(\text{Total Volume}) \\&= (1.17\text{E}-04\text{ }\mu\text{Ci/ml})(2.22\text{E}+04\text{ ml}) \\&= 2.6\text{ }\mu\text{Ci} = 0.0026\text{ mCi}.\end{aligned}$$

Given a total available H-3 activity of 0.0026 mCi, the worst case intake to a worker would assume ingestion of the total amount within a relatively short period of time (thus ignoring biological removal prior to uptake). The resulting dose is therefore calculated as:

$$\begin{aligned}
 CEDE_{WorstCaseIngestion} &= (Total\ Intake)(DCF) \\
 &= (0.0026\ mCi)(63\ mrem/mCi) \\
 &= 0.164\ mrem
 \end{aligned}$$

This worst-case calculated CEDE is a factor of more than 600 below the NRC regulated maximum dose to a member of the public of 100 mrem per year established in 10CFR 20.1102.

In addition to the worst-case estimate presented above, other credible dose estimates were calculated for several construction worker scenarios using assumptions corresponding to likely conditions and outcomes. The potential pathways for exposure are direct ingestion of the water, inhalation of evaporated HTO vapor, and dermal absorption through direct contact with the skin. Uptake of HTO into the blood through inhalation and ingestion is near 100% while published data show that the relative uptake of HTO through dermal absorption is ~50%. (DOE 1994).

Pathway 1 – Direct Ingestion

Although direct ingestion of water in the drain pipe during removal is possible, it is highly unlikely to occur in any form other than accidental. For this reason, the accidental ingestion scenario is assumed to occur as a single, acute intake of approximately 50 ml in volume resulting from a splash and/or hand-to-mouth transfer. It was also assumed that a worker would not be subjected to multiple accidental ingestions of water from a known waste line. The resulting dose calculation is shown below:

$$\begin{aligned}
 CEDE_{Ingestion} &= (Conc_{H-3})(Vol_{ingested})(DCF) \\
 &= (1.17E-04\ \mu Ci/ml)(50\ ml)(63\ mrem/mCi)(1\ mCi/1000\ \mu Ci) \\
 &= 3.7E-04\ mrem
 \end{aligned}$$

Pathway 2 – Inhalation of HTO Vapor

In order to model this pathway, an assumption of evaporation rate of the HTO into surrounding air at the basement level during construction work was made. This will lead to the calculation of a resulting steady-state concentration of HTO vapor in the room air. A water vapor evaporation rate of 0.5% by volume was used to estimate HTO emanation into the breathing zone. This assumption was taken from the steady state volume percentage of water vapor in normal atmospheric conditions.

$$Room\ Conc_{H-3} = \frac{\left(1.17E-04\ \mu Ci/ml\right)\left(0.005\ ml_{air}/ml_{water\ evaporate}\right)}{9.96E+07\ cc_{Room\ Volume}} = 5.87E-15\ \mu Ci/cc_{air}$$

The room volume was calculated using the dimensions of 1SB-10A used in the FSS Plan. This value is then used to calculate potential dose to room workers. A standard worker breathing rate (BR) of 20 liters per minute, assuming light activity, was used here. (ICRP 1975)

$$\begin{aligned}
 CEDE_{Inhalation} &= (Room\ Conc)(BR)(Duration)(DCF)(ConvFactors) \\
 &= \left(5.87E-15\ \mu Ci/cc\right)\left(2.0E+04\ cc/min_{BR}\right)(40h)\left(60\ min/h\right)\left(63\ mrem/mCi\right)\left(1\ mCi/1000\ \mu Ci\right) \\
 &= 1.8E-08\ mrem \approx 0.
 \end{aligned}$$

As the calculation suggests, the estimated CEDE from the inhalation pathway is negligible.

Pathway 3 – Dermal Absorption

Dermal absorption is the most likely exposure scenario for construction work in this area and therefore, also the greatest potential contributor to worker dose. Application of a dermal absorption scenario is fairly straightforward with the only assumptions required being the volume of tritiated water coming in contact with the skin and duration of exposure. The available volume of water was assumed to be 10%, i.e., 2.2 liters. As with the inhalation scenario, a 40-hour exposure duration was assumed. For the sake of simplicity, it is assumed that 100% of water in contact with the skin is absorbed as an intake.

$$\begin{aligned}
 CEDE_{Absorption} &= Conc_{H-3} * Vol * DCF * Conv. Factors \\
 &= \left(1.17E-4 \frac{\mu Ci}{ml} \right) (2.2 l) \left(63 \frac{mrem}{mCi} \right) \left(1000 \frac{ml}{l} \right) \left(1 mCi / 1000 \mu Ci \right) \\
 &= 0.0163 \text{ mrem.}
 \end{aligned}$$

Therefore, the total maximum anticipated CEDE to a member of the public resulting from the levels of H-3 in the 1SB-10A drain line is the sum of the two relevant scenarios:

$$CEDE_{total} = CEDE_{Ingestion} + CEDE_{Absorption}$$

$$CEDE_{total} = 0.00037 + 0.0163 = \underline{\underline{0.0167 \text{ mrem.}}}$$

The assumptions made within this dose assessment are thought to be very conservative with the ultimate result representing a maximum credible dose estimate. No credit is taken for engineering controls such as ventilation, personal protective equipment (PPE), or removal of the source material prior to beginning work.

Floor Drain Survey Results

Protocol #:26 Name:Decommissioning2 23-Dec-2004 09:37
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|----------------|
| 1 | 10.00 | 7.79 | | 10.80 | | 10.00 | 53.107 | 566. | 7 | B-BG |
| 2 | 3.00 | 16827.9 | 1000.79 | 114835. | 133740. | 505.37 | 161.05 | 995. | 0 | E |
| 3 | 3.00 | 103967. | 170925. | 7994.47 | 0.00 | 2.00 | 19.672 | 990. | 0 | E } Stds. |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 976. | 17 | E } |
| (2 missing vials) | | | | | | | | | | |
| 7 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 556. | 4 | -Drain 1 Inner |
| 8 | 3.00 | 38.43 | 87.36 | 0.00 | 0.00 | 0.00 | 0.000 | 547. | 3 | -Drain 1 Top |
| 9 | 3.00 | 25.06 | 52.75 | 15.26 | 15.39 | 0.00 | 24.331 | 537. | 1 | -Drain 2 Top |
| 10 | 3.00 | 5.20 | 12.27 | 0.82 | 0.34 | 0.00 | 29.964 | 497. | 3 | -Drain 2 Inner |

COMPACTOR SURVEY - Decommissioning JANUARY 24, 2005

Room 15B10A

Survey conducted by:

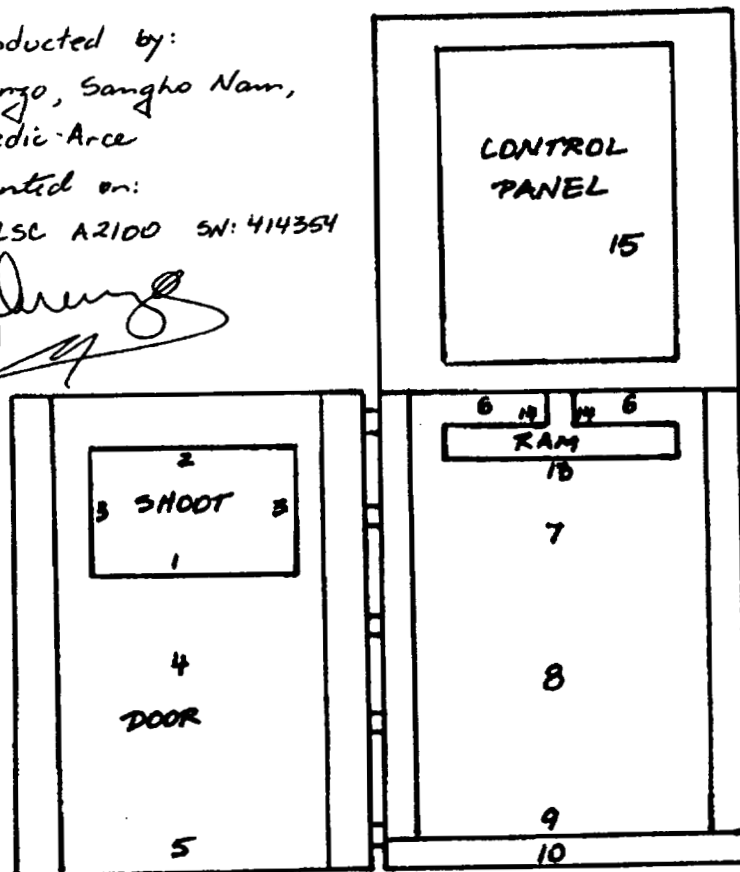
Dave Derenzo, Sangho Nam,

Nina Bijedic-Arce

Wipes counted on:

Packard LSC A2100 SN: 414354

Reviewed: *[Signature]*



Survey Locations

1. Bottom of shoot
2. Top of shoot
3. Sides w/ shoot open
4. Middle of door
5. Bottom of door
6. Wall
7. Top of compactor
8. Middle of compactor
9. Bottom of compactor

10. Outer ledge
11. Floor in front
12. Floor behind
13. Bottom of ram
14. Top of ram
15. Inside electronics
16. Floor left side
17. Floor right side

Decontamination of ram and compaction area were performed immediately prior to this survey. *[Signature]*

Protocol #: 2 Name: Wipe Tests 24-Jan-2005 15:30
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 1.00 QIP = tSIE/AEC ES Terminator = Count
 Jesse Brown VAMC Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|------|
| 1 | 10.00 | 8.06 | | 13.12 | | 6.70 | 62.565 | 555. | 7 | B |
| 2 | 1.00 | 17142.5 | 405.06 | 119552. | 139672. | 625.98 | 153.97 | 948. | 0 | E |
| 3 | 1.00 | 85613.1 | 144034. | 6659.36 | 0.00 | 1.30 | 19.099 | 950. | 0 | E |
| 4 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.000 | 956. | 65 | E |
| (1 missing vial) | | | | | | | | | | |
| 6 | 1.00 | 0.25 | 0.00 | 3.25 | 3.90 | 0.00 | 11.705 | 575. | 15 | 1 |
| 7 | 1.00 | 2.44 | 5.13 | 0.88 | 0.78 | 1.30 | 4.210 | 576. | 21 | 2 |
| 8 | 1.00 | 8.03 | 17.80 | 0.47 | 0.00 | 2.30 | 0.000 | 563. | 13 | 3 |
| 9 | 1.00 | 0.28 | 0.61 | 0.00 | 0.00 | 0.30 | 10.587 | 590. | 29 | 4 |
| 10 | 1.00 | 2.28 | 5.04 | 0.00 | 0.00 | 2.30 | 0.000 | 577. | 18 | 5 |
| 11 | 1.00 | 20.53 | 45.51 | 0.00 | 0.00 | 0.00 | 0.000 | 572. | 12 | 6 |
| 12 | 1.00 | 0.00 | 0.00 | 0.08 | 0.09 | 0.30 | 0.000 | 584. | 44 | 7 |
| 13 | 1.00 | 3.53 | 7.74 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 24 | 8 |
| 14 | 1.00 | 4.34 | 9.58 | 0.00 | 0.00 | 1.30 | 38.075 | 575. | 13 | 9 |
| 15 | 1.00 | 0.00 | 0.00 | 1.52 | 1.84 | 0.00 | 0.000 | 560. | 9 | 10 |
| 16 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 531. | 23 | 11 |
| 17 | 1.00 | 0.00 | 0.00 | 2.88 | 3.49 | 2.30 | 75.078 | 551. | 23 | 12 |
| 18 | 1.00 | 4.23 | 9.00 | 1.43 | 1.21 | 0.00 | 1.198 | 565. | 7 | 13 |
| 19 | 1.00 | 85.61 | 195.59 | 0.88 | 0.00 | 1.30 | 6.868 | 541. | 4 | 14 |
| 20 | 1.00 | 2.78 | 6.21 | 0.00 | 0.00 | 0.00 | 0.000 | 563. | 9 | 15 |
| 21 | 1.00 | 3.78 | 8.63 | 0.00 | 0.00 | 0.00 | 0.000 | 542. | 10 | 16 |
| 22 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.30 | 0.000 | 522. | 14 | 17 |
| 23 | 1.00 | 2667.66 | 9191.22 | 491.01 | 227.52 | 1.30 | 12.027 | 303. | 1 | 18 |
| 24 | 1.00 | 8.51 | 17.96 | 2.23 | 1.69 | 1.30 | 0.000 | 585. | 3 | 19 |
| 25 | 1.00 | 0.00 | 0.00 | 1.88 | 2.28 | 0.00 | 104.81 | 592. | 14 | 20 |
| 26 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.30 | 0.000 | 560. | 36 | 21 |
| 27 | 1.00 | 0.65 | 1.42 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 12 | 22 |
| 28 | 1.00 | 24.78 | 53.08 | 3.88 | 1.77 | 4.30 | 17.358 | 584. | 4 | 23 |
| 29 | 1.00 | 8.51 | 18.41 | 1.23 | 0.48 | 5.30 | 31.325 | 575. | 3 | 24 |

Compressor - Rad Waste

2nd Sub Basement
 Janitor Sink
 used for
 decayed waste
 disposals -
 (Double-check)

Grill removed and discarded in rad waste
 (Grill covered inside of exhaust port to stop big
 objects from getting sucked into filter)

HEPA filter & ductwork were previously
 identified as contaminated - Discarded as
 radioactive waste into 55 gal steel drum.

Differenz

Carbon-14 by Liquid Scintillation

PAI 704 Rev 7

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0412227
Client Name: CABRERA SERVICES-NY
Client/Project ID: VA Lakeside 04-3050.14/ Task 5

| | | | |
|-----------------------|---------------------------|---------------------------|-------------------------|
| Field ID: 15B-10A-FD3 | Sample Matrix: WATER | Prep Batch: C_050105-1 | Final Aliquot: 0.500 ml |
| Lab ID: 0412227-1 | Prep SOP: PAI 772 Rev 3 | QC Batch ID: C_050105-1-1 | Prep Basis: Unfiltered |
| | Date Collected: 20-Dec-04 | Run ID: C_050105-1a | Moisture(%): NA |
| | Date Prepared: 05-Jan-05 | Count Time: 177.7 minutes | Result Units: pCi/l |
| | Date Analyzed: 06-Jan-05 | Report Basis: Unfiltered | File Name: Manual Entry |

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|------|---------------|
| 14762-75-5 | C-14 | 270 +/- 620 | 1030 | U |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC.
Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.
Y2 - Chemical Yield outside default limits.
LT - Result is less than Requested MDC, greater than sample specific MDC.
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.
M - The requested MDC was not met.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

Data Package ID: C140412227-1

Date Printed: Tuesday, January 18, 2005

Paragon Analytics
LIMS Version: 5.141A

Page 1 of 2

Carbon-14 by Liquid Scintillation

PAI 704 Rev 7
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0412227
Client Name: CABRERA SERVICES-NY
ClientProject ID: VA Lakeside 04-3050.14/ Task 5

| | | | |
|--|--|---|--|
| Field ID: 1SB-10A-FD4 Lab ID: 0412227-2 | Sample Matrix: WATER Prep SOP: PAI 772 Rev 3 Date Collected: 20-Dec-04 Date Prepared: 05-Jan-05 Date Analyzed: 06-Jan-05 | Prep Batch: C_050105-1 QCBatchID: C_050105-1-1 Run ID: C_050105-1a Count Time: 177.7 minutes Report Basis: Unfiltered | Final Aliquot: 0.500 ml Prep Basis: Unfiltered Moisture(%): NA Result Units: pCi/l File Name: Manual Entry |
|--|--|---|--|

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|------|---------------|
| 14762-75-5 | C-14 | 420 +/- 620 | 1030 | U |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC.
Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.
Y2 - Chemical Yield outside default limits.
LT - Result is less than Requested MDC, greater than sample specific MDC.
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.
M - The requested MDC was not met.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

Data Package ID: C140412227-1

Date Printed: Tuesday, January 18, 2005

Paragon Analytics
LIMS Version: 5.141A

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Tritium Analysis By Liquid Scintillation

PAI 704 Rev 7
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0412227
Client Name: CABRERA SERVICES-NY
ClientProject ID: VA Lakeside 04-3050.14/ Task 5

| | | | |
|--|--|---|---|
| Field ID: 15B-10A-F03 Lab ID: 0412227-1 | Sample Matrix: WATER Prep SOP: PAI 700 Rev 9 Date Collected: 20-Dec-04 Date Prepared: 05-Jan-05 Date Analyzed: 06-Jan-05 | Prep Batch: 3H050105-1 QC Batch ID: 3H050105-1-1 Run ID: 3H050105-1a Count Time: 240 minutes Report Basis: Unfiltered | Final Aliquot: 1.00 ml Prep Basis: Unfiltered Moisture(%): 100.000 Result Units: pCi/l File Name: yu0410601 |
|--|--|---|---|

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|------|---------------|
| 10028-17-8 | H-3 | 1200 +/- 1300 | 2000 | U |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC.
Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.
Y2 - Chemical Yield outside default limits.
LT - Result is less than Requested MDC, greater than sample specific MDC.
MS - The requested MDC was not met, but the reported activity is greater than the reported MDC.
M - The requested MDC was not met.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 708)
BDL - Below Detection Limit

Data Package ID: H3W0412227-1

Date Printed: Tuesday, January 18, 2006

Paragon Analytics
LIMS Version: 5.141A

Page 1 of 2
000010

Tritium Analysis By Liquid Scintillation

PAI 704 Rev 7

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0412227
Client Name: CABRERA SERVICES-NY
Client/Project ID: VA Lakeside 04-3050.14/ Task 5

| | | | |
|--|--|---|---|
| Field ID: 158-10A-F04 Lab ID: 0412227-2 | Sample Matrix: WATER Prep SOP: PAI 700 Rev 9 Date Collected: 20-Dec-04 Date Prepared: 05-Jan-05 Date Analyzed: 06-Jan-05 | Prep Batch: 3H050105-1 QCBatchID: 3H050105-1-1 Run ID: 3H050105-1a Count Time: 240 minutes Report Basis: Unfiltered | Final Aliquot: 1.00 ml Prep Basis: Unfiltered Moisture(%): 100.000 Result Units: pCi/l File Name: yu0410801 |
|--|--|---|---|

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|------|---------------|
| 10028-17-8 | H-3 | 117000 +/- 18000 | 2000 | |

Comments:

Qualifiers/Flags:

- U - Result is less than the sample specific MDC.
- Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.
- Y2 - Chemical Yield outside default limits.
- LT - Result is less than Requested MDC, greater than sample specific MDC.
- MS - The requested MDC was not met, but the reported activity is greater than the reported MDC.
- MI - The requested MDC was not met.

Abbreviations:

- TPU - Total Propagated Uncertainty (see PAI SOP 743)
- MDC - Minimum Detectable Concentration (see PAI SOP 700)
- BDL - Below Detection Limit

Data Package ID: H3W0412227-1

Date Printed: Tuesday, January 18, 2005

Paragon Analytics
LIMS Version: 5.141A

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000011



DEPARTMENT OF VETERANS AFFAIRS
Jesse Brown VA Medical Center
Radiation Safety Office, 11R
820 South Damen Avenue
Chicago, IL 60612

Date: January 7, 2005

Letter No: RSO-05001

Lynn McGuire
National Health Physics Program
Veterans Health Administration
2200 Fort Roots Drive (115HP)
Building 101, Room 208E
North Little Rock, AR. 72114

Dear Mr. McGuire,

This letter is in reply to the questions in your December 21, 2004 email regarding the Final Status Survey Report for the Lakeside hospital building. These answers were formulated with input from Joseph Weismann, CHP, representative of Cabrera Services our decommissioning contractor.

1. Q: Provide MDA values for each instrument used. The MDA should be specific for the nuclides of interest and the type of surveys performed.

A: Fixed count-time MDA values and scan MDC values for all instruments are included in Appendix B of the FSS Plan.

2. Q: The material specific background is not given for the Model 239 instrument, nor is given in the worksheets.

A: The survey crews collected material-specific backgrounds for the 239-1F floor monitor in both buildings. However, they were not subtracted during the scan surveys. It was decided that gross measurements would instead be compared to the scan action levels to more conservatively identify potential hot spots.

3. Q: Section 3.2.2. indicates that one point exceeded the DCGL and that it was assumed to be H-3 on the basis of the LSC data. Please indicate further your rationale for this, since this point is not otherwise identified on the LSC printout. Further, no H-3 measurements were apparently taken of this area with the 44-110 instrument.

A: Surveys were performed in 1SB 10A using the 44-110 on 08/11/2004 and 09/02/2004. Results can be found in Volume 2 in the Windowless Proportional Counter Results section. The 09/02 survey was performed after floor decontamination. The Total H-3 calculation in this section is very conservative in that it assumes a total efficiency of only 10%, all measured activity is assumed to be fixed or removable tritium, and the result is compared to the DCGL for Co-60. The statement was intended to mean that despite the fact that the assumed value shown in the 44-110 table is $>6.94E+03$ dpm/100 cm², it should not be construed to indicate the need for additional remediation.

4. Q: In 3. above, this point is contained in the LS-2 SU. Referring to this section, the SU on the first sheet is not identified the same as in Table 2-1. Please clarify. Please also evaluate all of the other SUs as well to insure that the information and all locations stated in Table 2-1 is included, referenced and surveyed. For example, LS-03 states that Rooms 2SB-04 through -08 plus the corridor comprise the SU. However, no LSC data is provided for 2SB-04.

A: The point referred to in Comment #3 is in SU LS-6. The scope of the FSS in each SU includes all types of measurements outlined in the FSS Plan. Table 2-1 is a listing of the physical extents of each SU as shown on the maps in Appendix A. LS-03 included room 2SB-04 (2 static measurement locations and wall/floor scan measurements). Smears weren't taken in this room because the HSA indicates it was always used as an x-ray therapy room with no record of sealed or unsealed source usage. Several similar locations were not smeared for this same reason.

5. Q: Referring to the instrument QC:

- a. Q: One printout for the LSC shows a chi-square value of 36 for channel B. This would be usually indicative of a failure.

Volume 2 of the *Features and Benefits Guide for Tri-Carb Liquid Scintillation Analyzers* published by Packard Instruments Company (1996) states, "The ^{14}C and ^3H regions selected provide the most sensitive measure of repeatability. Twenty individual 0.5 minute counts are accumulated, and Chi-square values outside $7.63 < X^2 < 36.19$ are flagged." These limits correspond to the 0.990 and 0.010 X^2 values for 19 degrees of freedom. Using this values it is expected that two out of every 100 measurements would fall outside the interval. The value on the 08/06/2004 report to which you refer was 36.23, slightly above the suggested 0.01 X^2 value. No previous or subsequent X^2 values fell outside of the recommended range. Here are a few values that were not included in the FSS report. After consulting with the instrument manufacturer's service representative, it was concluded that this isolated value does not indicate the instrument was malfunctioning.

| Date | C-14 X^2 Value | H-3 X^2 Value |
|------------|------------------|-----------------|
| 06/09/2004 | 25.09 | 25.11 |
| 07/06/2004 | 16.47 | 11.28 |
| 08/25/2004 | 19.72 | 13.03 |
| 10/13/2004 | 21.39 | 16.43 |

- b. Q: The LSC standards activities do not match. See last page of that section vs. page entitled "LSC Counting protocol". They also do not appear to match those on the SU sample sheets.

A: The last page of the section to which you refer lists the activity of the unquenched H-3 and C-14 standards used for SNC calibrations (the normalization procedure) and X^2 measurements. These are the same standards that were counted as samples 2 and 3 on each LSC report (sample 4 is always the background vial of

this standard set). The values of these standards do not print out on the protocol or the individual LSC counting reports.

The protocol printout and the header of each LSC report lists the calibration dates and activities of the H-3 and C-14 standard sets used to establish the quench curves. A new set of quench standards was acquired and used to re-calibrate the counter on June 3, 2004. This was done to extend the quench correction range to accommodate the use of the newer high flash-point cocktails, Ultima Gold in our case. Note that all of the results after this date are labeled Protocol #26 Decommissioning2. Earlier results are labeled Protocol#25 Decommissioning. A copy of Protocol #26 is enclosed.

6. Q: 44-110 data was not provided for each SU.

A: The measurements performed for H-3 with the 44-110 detector were judgmental in nature and were not necessarily taken in the same locations as the MARSSIM-located points noted in the SU Data Summary Sheets. All of the 44-110 data is presented as a set under the "Windowless Proportional Counter" tab in Appendix B.

7. Q: No standard counts were provided for LSC channel C, and consequently no dpm was given for channel C.

A: The Liquid Scintillation Analyzer was calibrated for dual label H-3/C-14 samples since these were the most likely long-lived contaminants. The analyzer uses the ratio of the counts in Regions A and B, the quench curves, and the tSIE value to calculate dpm value of each sample for H-3 and C-14. Region C was used to screen for radionuclides with beta energies greater than C-14 (156 keV to 2000 keV). This region was not calibrated for any specific radionuclide; therefore, calculation of a discrete efficiency (i.e., cpm/dpm) was not possible. The counting efficiency of C-14 is approximately 95%, so the intrinsic efficiency in Region C approaches 100%. Because of this, gross beta counts can be considered gross dpm values. Since no sample exceeded twice the background in this region radionuclide specific calibrations did not become necessary.

Please feel free to ask any additional questions you may have.

Sincerely,

Dave Derenzo

David J. Derenzo, MPH
Jesse Brown VA Medical Center
Radiation Safety Officer

Electronic cc: Michelle Blakely, Associate Director, JBVAMC
Joseph Zimmerman, Health System Specialist, VISN 12
Joseph Weismann, Cabrera Services

Protocol # = 26 Copy Protocol #? no
 Protocol Name? Decommissioning2
 Cycles? 1
 Count Time? 3.00
 2 Sigma Coincidence? no
 # Counts/Vial? 1
 # Vials/Standard? 1 # Vials/Sample? 1
 1st Vial Background? yes
 Radionuclide? manual

| | LL | UL | Bkg | 2 Sigma% | LCR |
|-----------|------|------|------|----------|-----|
| Region A: | 0.0 | 12.0 | 0.00 | .00 | 0 |
| Region B: | 12.0 | 156. | 0.00 | .00 | 0 |
| Region C: | 156. | 2000 | 0.00 | .00 | 0 |

Qip? tsIE/AEC ES Terminator? count
 % of Reference? no
 Data Mode? dual dpm

Protocol # = 26 Protocol Name = Decommissioning2
 Standards Data? use curve Constant Quench? no
 Replot? no Edit Stds?
 # Stds/Nuclide 1? 0 # Stds/Nuclide 2? 0
 Nuclide 1:DPM 273850 Nuclide 2:DPM 127200

| Qip | Eff A | Eff B |
|-------|-------|-------|
| 781.9 | 53.63 | 4.74 |
| 653.9 | 49.16 | 4.48 |
| 547.1 | 44.61 | 4.55 |
| 459.9 | 39.99 | 4.19 |
| 369.5 | 33.95 | 3.62 |
| 266.2 | 25.44 | 3.19 |
| 194.7 | 17.07 | 2.57 |
| 124.4 | 9.40 | 1.64 |
| 84.76 | 4.93 | 0.94 |
| 51.10 | 1.88 | 0.38 |

| Qip | Eff A | Eff B |
|-------|-------|-------|
| 791.1 | 12.02 | 84.76 |
| 654.3 | 11.95 | 84.04 |
| 554.3 | 11.62 | 83.75 |
| 452.5 | 11.62 | 82.99 |
| 356.1 | 11.69 | 81.48 |
| 260.3 | 11.23 | 79.50 |
| 191.7 | 11.02 | 75.69 |
| 129.4 | 11.24 | 69.05 |
| 87.53 | 11.67 | 59.12 |
| 49.19 | 11.65 | 38.73 |

After
 Quench Curve Loading
 New Standards with Packard
 Ultima Gold Cocktail

Protocol # = 26 Protocol Name = Decommissioning2
 Half Life ? A: 0.00 B: 0.00
 Ref Date ? A: 01/01/1990 B: 01/01/1990
 Ref Time ? A: 00:00 B: 00:00
 Single Photon Count ? no
 Colored Samples ? yes
 RS232 Computer Output ? no

Luminescence Correction ? yes

Data/Application Drive & Path ?

Save Data ?

Save Spectrum ?

no

Run User Application ?

no

File Name ?

Command String ?

Static controller ?

on

Protocol #: 26 Name: Decommissioning2
 Additional Heading? VA Lakeside Campus Packard LSC A2100 SNo 414354

| C# | Name | Format | C# | Name | Format | C# | Name | Format | Equation |
|----|--------|--------|----|--------|--------|----|-------|--------|----------|
| 0 | CRLF | | 11 | C:2S% | BXX. | 21 | A:%CV | BXXX. | |
| 1 | PID | BX | 12 | C:%REF | BXXX. | 22 | B:%CV | BXXX. | |
| 2 | S# | BX | 13 | SIS | BXX.X | 23 | TOD | BXXXXX | |
| 3 | TIME | BXXX. | 14 | DPM1 | BXXXX. | 24 | | | |
| 4 | CPMA | BXXXX. | 15 | DPM2 | BXXXX. | 25 | | | |
| 5 | A:2S% | BXX. | 16 | ELTIME | BXXXX | 26 | | | |
| 6 | A:%REF | BXXX. | 17 | FLAG | BXX | 27 | | | |
| 7 | CPMB | BXXXX. | 18 | BLANK | BBBBBB | 28 | | | |
| 8 | B:2S% | BXX. | 19 | tSIE | B.X | 29 | | | |
| 9 | B:%REF | BXXX. | 20 | %LUM | BX | 30 | | | |
| 10 | CPMC | BXXXX. | | | | 31 | | | |

Define Cell #? 1 Name? Format? BXXX
 Equation? (Operators: +,-,*,/,SQR,LN)
 Print Cells? 2 3 4 14 7 15 10 13 19 20 17 0

Protocol #:26 Name:Decommissioning2 03-Jun-2004 09:22

Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00

Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00

Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00

Time = 3.00 QIP = tSIE/AEC ES Terminator = Count

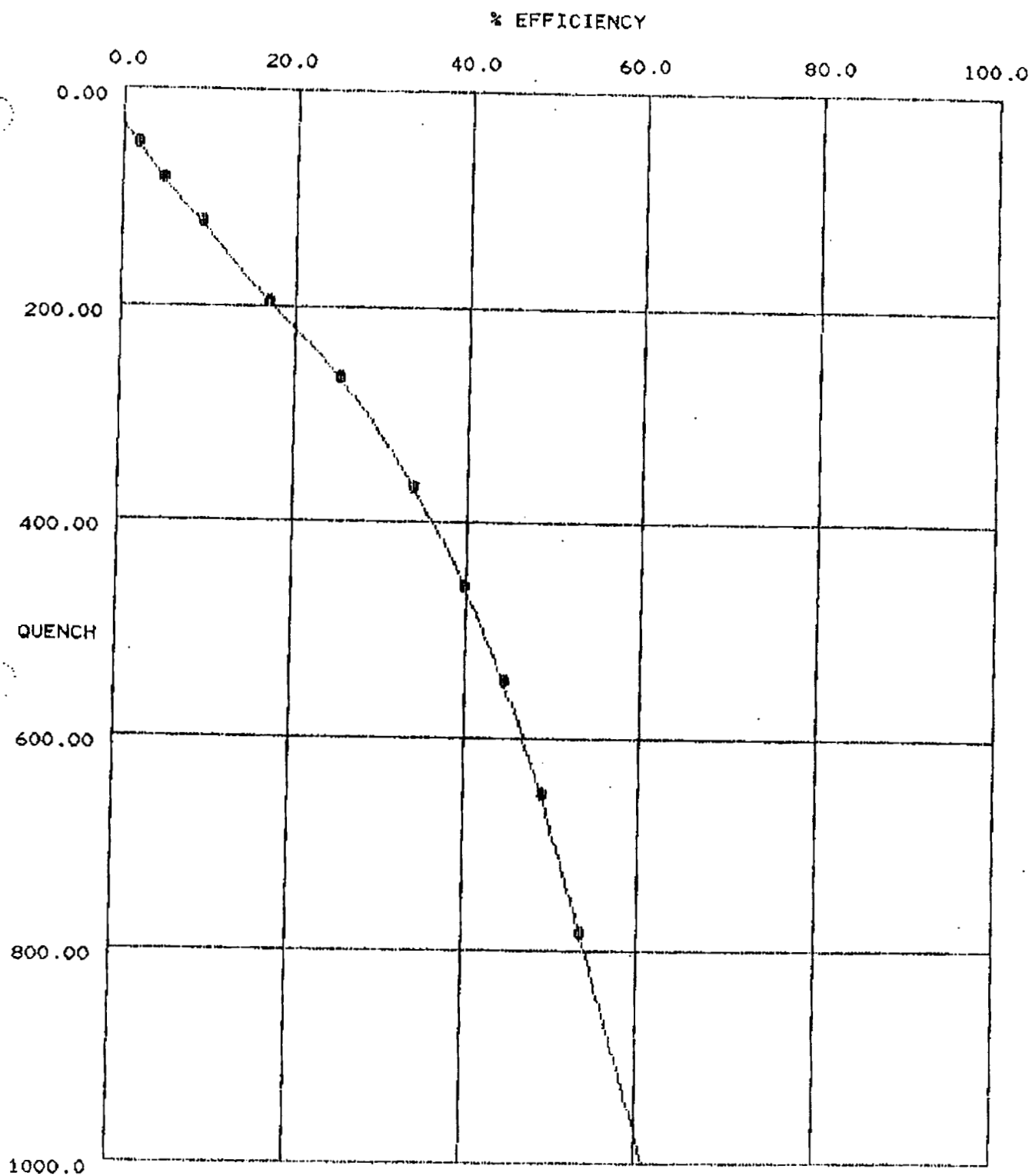
VA Lakeside Campus Packard LSC A2100 SNo 414354

Conventional DPM

Nuclide 1 = 273850 Nuclide 2 = 127200

Luminescence Correction On

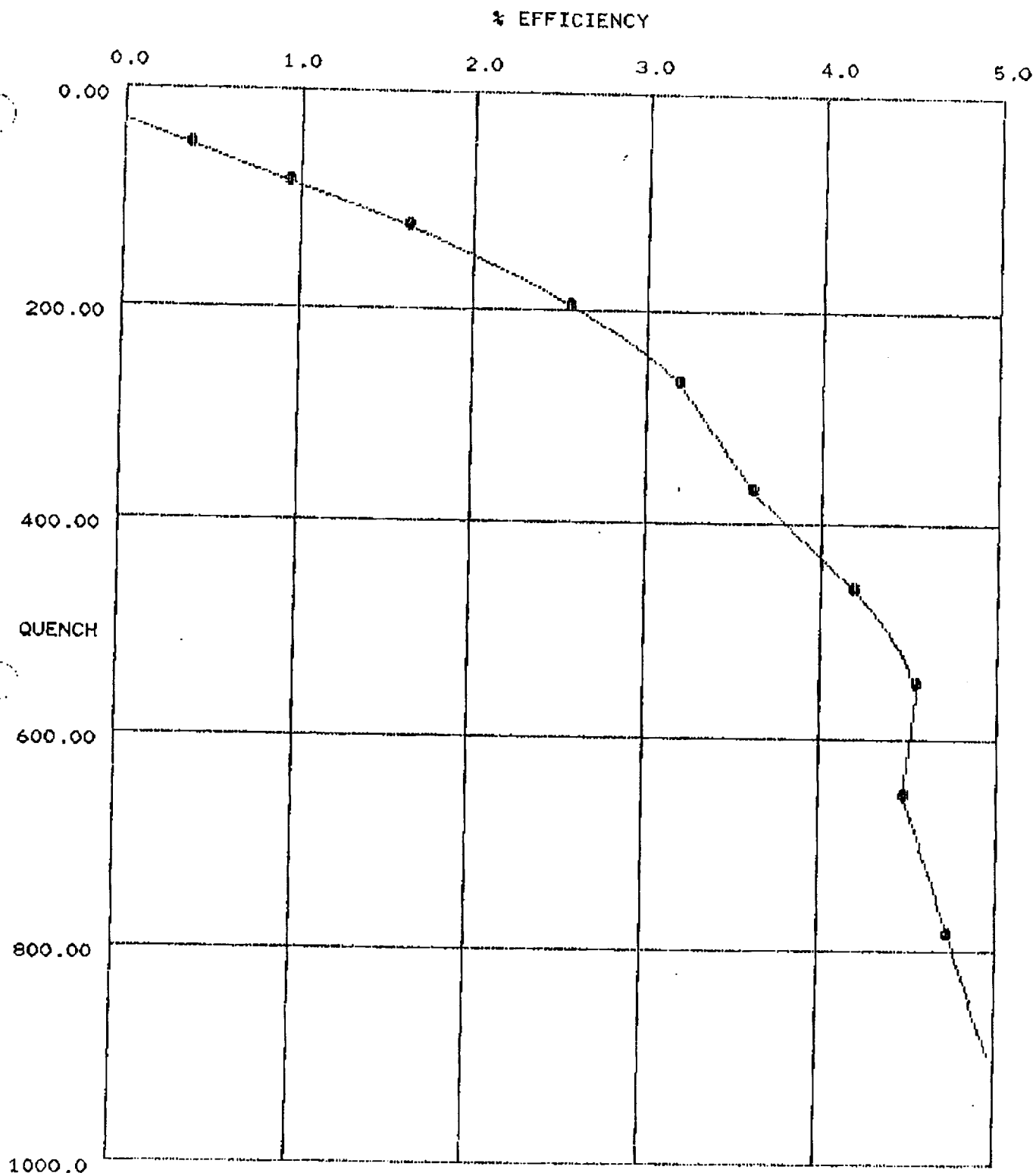
| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|----|------|---------|------|---------|------|-------|--------|------|-----|------|
| 1 | 3.00 | 146873. | | 12970.9 | | 11.33 | 16.650 | 782. | 0 | L |
| 2 | 3.00 | 134634. | | 12265.5 | | 10.00 | 14.671 | 654. | 0 | L |
| 3 | 3.00 | 122167. | | 12448.6 | | 8.33 | 13.251 | 547. | 0 | L |
| 4 | 3.00 | 109519. | | 11481.4 | | 15.00 | 11.977 | 460. | 1 | L |
| 5 | 3.00 | 92968.2 | | 9916.72 | | 10.67 | 10.600 | 370. | 1 | L |
| 6 | 3.00 | 69658.4 | | 8744.69 | | 12.00 | 9.116 | 266. | 1 | L |
| 7 | 3.00 | 46738.5 | | 7025.10 | | 8.33 | 7.902 | 195. | 1 | L |
| 8 | 3.00 | 25736.4 | | 4481.17 | | 11.33 | 6.818 | 124. | 2 | L |
| 9 | 3.00 | 13507.1 | | 2581.40 | | 10.67 | 6.169 | 84.8 | 2 | L |
| 10 | 3.00 | 5146.39 | | 1030.96 | | 8.40 | 5.615 | 51.1 | 3 | L |



| QUENCH | ELA |
|--------|-------|
| 51.10 | 1.88 |
| 194.74 | 17.07 |
| 459.90 | 39.99 |
| 781.86 | 53.63 |

| QUENCH | ELA |
|--------|-------|
| 84.76 | 4.93 |
| 266.16 | 25.44 |
| 547.09 | 44.61 |

| QUENCH | ELA |
|--------|-------|
| 124.43 | 9.40 |
| 369.55 | 33.95 |
| 653.95 | 49.16 |



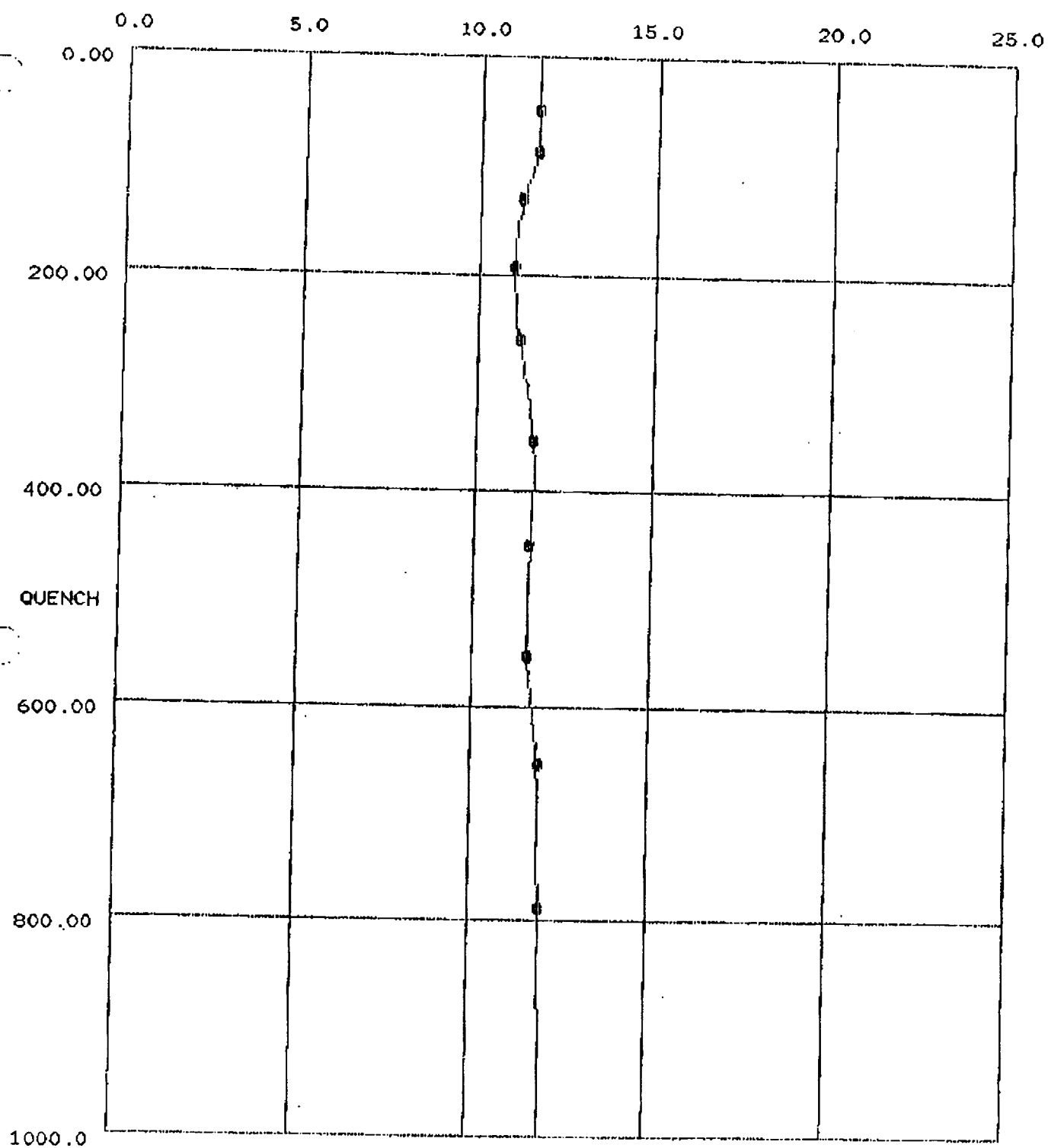
| | |
|--------|------|
| QUENCH | ELB |
| 51.10 | 0.38 |
| 194.74 | 2.57 |
| 459.90 | 4.19 |
| 791.86 | 4.74 |

| | |
|--------|------|
| QUENCH | ELB |
| 84.76 | 0.94 |
| 266.16 | 3.19 |
| 547.09 | 4.55 |

| | |
|--------|------|
| QUENCH | ELB |
| 124.43 | 1.64 |
| 369.55 | 3.62 |
| 653.95 | 4.48 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | LSIE | LUM | FLAG |
|----|------|---------|------|---------|------|--------|--------|------|-----|------|
| 11 | 3.00 | 15288.0 | | 107812. | | 468.73 | 128.44 | 791. | 0 | H |
| 12 | 3.00 | 15196.7 | | 106900. | | 384.96 | 107.32 | 654. | 0 | H |
| 13 | 3.00 | 14786.7 | | 106524. | | 312.20 | 92.744 | 554. | 0 | H |
| 14 | 3.00 | 14785.7 | | 105559. | | 163.65 | 77.147 | 453. | 0 | H |
| 15 | 3.00 | 14865.1 | | 103638. | | 74.36 | 61.821 | 356. | 0 | H |
| 16 | 3.00 | 14278.9 | | 101120. | | 31.63 | 47.265 | 260. | 0 | H |
| 17 | 3.00 | 14015.2 | | 96282.1 | | 17.99 | 35.279 | 192. | 0 | H |
| 18 | 3.00 | 14295.2 | | 87837.9 | | 12.14 | 24.889 | 129. | 0 | H |
| 19 | 3.00 | 14842.2 | | 75205.7 | | 15.33 | 18.211 | 87.5 | 0 | H |
| 20 | 3.00 | 14819.8 | | 49270.1 | | 11.67 | 11.895 | 49.2 | 1 | H |

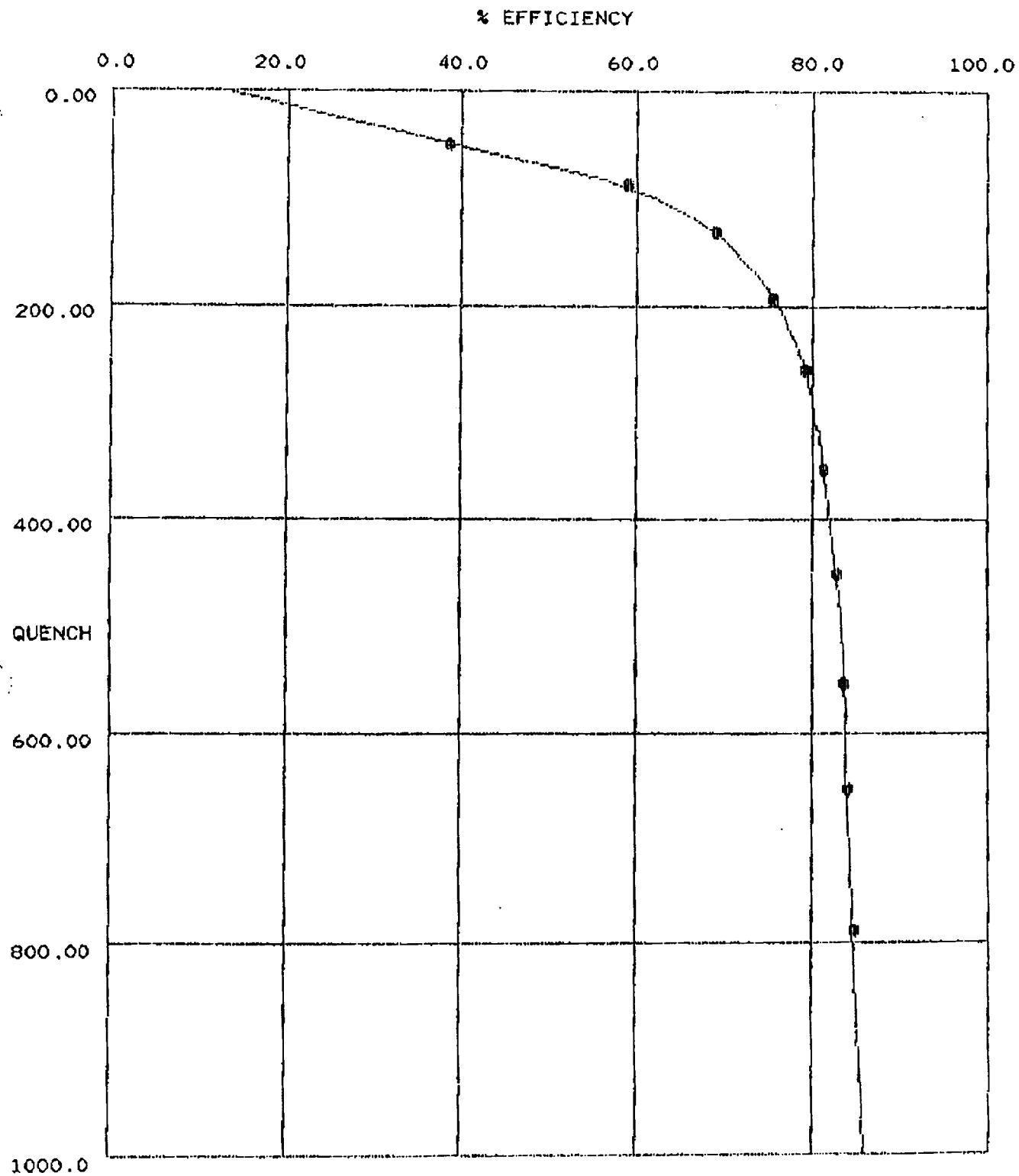
% EFFICIENCY



| | |
|--------|-------|
| QUENCH | EHA |
| 49.19 | 11.65 |
| 191.70 | 11.02 |
| 452.55 | 11.62 |
| 791.07 | 12.02 |

| | |
|--------|-------|
| QUENCH | EHA |
| 87.53 | 11.67 |
| 260.27 | 11.23 |
| 554.28 | 11.62 |

| | |
|--------|-------|
| QUENCH | EHA |
| 129.40 | 11.24 |
| 356.09 | 11.69 |
| 654.32 | 11.95 |



| QUENCH | EH8 | QUENCH | EH8 | QUENCH | EH8 |
|--------|-------|--------|-------|--------|-------|
| 49.19 | 38.73 | 87.53 | 59.12 | 129.40 | 69.05 |
| 191.70 | 75.69 | 260.27 | 79.50 | 356.09 | 81.48 |
| 452.55 | 82.99 | 554.28 | 83.75 | 654.32 | 84.04 |
| 791.07 | 84.76 | | | | |

FINAL STATUS SURVEY REPORT

VA Chicago - Lakeside Campus Lakeside Hospital Building

Prepared for:

**Jesse Brown VA Medical Center
Chicago, IL 60612**

Under Contract to:

**US Army Field Support Command
Rock Island, IL 61299
Contract No. DAAA09-03-D-0029/0014**

December 8, 2004

Prepared by:



**CABRERA SERVICES, INC.
11 Marshall Road
Building 1, Suite 1T
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APPENDIX A Lakeside Hospital Final Status Survey Unit Maps

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ACRONYMS AND ABBREVIATIONS

| | |
|-----------------|---|
| AEC | Atomic Energy Commission |
| ALARA | as low as reasonably achievable |
| Ba-133 | Barium-133 |
| C-14 | Carbon-14 |
| Cl-36 | Chlorine-36 |
| Co-60 | Cobalt-60 |
| Cs-137 | Cesium-137 |
| CABRERA | Cabrera Services, Inc. |
| cm ² | square centimeters |
| cpm | counts per minute |
| DCGL or DCGLw | Derived Concentration Guideline Level |
| dpm | disintegrations per minute |
| DQO | Data Quality Objective |
| FSS | Final Status Survey |
| GM | Geiger-Mueller |
| g | gram |
| H-3 | Hydrogen-3 (Tritium) |
| HCS | Health Care Service |
| hr | hour |
| HSA | Historical Site Assessment |
| LSC | liquid scintillation counter |
| m ² | Square Meters |
| MARSSIM | Multi-Agency Radiation Survey and Site Investigation Manual |
| μR | microRoentgen |
| MSB | Medical Sciences Building |
| Na-22 | Sodium-22 |
| Ni-63 | Nickel-63 |
| NIST | National Institute of Standards and Technology |
| NRC | U.S. Nuclear Regulatory Commission |
| Pb-210 | Lead-210 |
| QA | Quality Assurance |
| QC | Quality Control |
| ROC | Radionuclide of Concern |
| SU | survey unit |
| Tc-99m | Technetium-99 (metastable) |
| U | Uranium |
| VA | US Veterans Administration |
| yr | year |

1.0 INTRODUCTION

The Veterans Administration (VA) Lakeside Hospital houses treatment and clinical facilities and former laboratories used for biomedical research activities for the Jesse Brown VA Medical Center, located in Chicago, IL. The Lakeside Hospital, along with the Medical Sciences Building (MSB), makes up the VA Chicago Lakeside Campus. Both buildings are currently slated for redevelopment pending successful completion of Final Status Survey (FSS) activities and release from the VA's Nuclear Regulatory Commission (NRC) radioactive Master Materials License.

This report documents the results and protocol of the completed FSS performed for the Lakeside Hospital facility only. A stand-alone FSS Report for the MSB facility was submitted to the VA in September 2004 (CABRERA 2004). Separate radiological release efforts were pursued by the VA to facilitate expedited redevelopment of the MSB facility. The Lakeside Hospital FSS effort also required investigation of the primary exhaust stack and former incinerator facilities, which required additional planning, sampling, and analyses to be performed.

This FSS will be used to demonstrate that the residual radionuclide concentrations following remediation comply with concentration and exposure-based criteria defined in the FSS Work Plan (WP), developed by Cabrera Services, Inc. (CABRERA) for the VA, provided in Appendix D. The FSS Plan was developed in accordance with the guidance found in the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM, NRC, 2000).

The objective of FSS activities is to obtain data of sufficient quality and quantity to support an evaluation of the release criteria for the Lakeside Hospital as outlined in the WP. The scope of the surveys performed included:

- Interior scan surveys for alpha and beta;
- Fixed-point (static) measurements for alpha and beta-emitting radionuclides at designated locations;
- Judgment static measurements for tritium (H-3);
- Smear surveys for removable contamination at systematic and biased fixed-point locations; and
- General area gamma exposure rate measurements in each SU.

1.1 SITE BACKGROUND

The VA Lakeside Hospital building, located at 333 E. Huron St., Chicago, IL 60611, was built in about 1955 and originally called the VA Research Hospital. This nineteen-story 450-bed facility occupies about 1 square city block of land located north of the Chicago Loop and within a few blocks of Lake Michigan. In addition to hospital functions, a significant amount of biomedical research was conducted in this building. The original as-built drawings show an isotope laboratory, a counter room and various other laboratories on the 8th floor. Nuclear medicine areas are located on the 2nd floor, clinical laboratories on the 7th floor, and a cobalt teletherapy room and x-ray therapy rooms in the 2nd sub-basement.

1.2 RADIONUCLIDES OF CONCERN AND DCGLs

The Radionuclides of Concern (ROC) for the VA Lakeside FSS were determined from research of the VA's NRC license activity and nuclide receipt logs for both buildings documented in the HSA (see WP Appendix B). The HSA identified potential radioactive contaminants for the Lakeside Hospital Building and Medical Sciences Building with half-lives long enough to enable residual contamination to still be present in laboratory, treatment, or clinical areas. The HSA identified radionuclides of concern outside of the Nuclear Medicine Service as Ba-133, C-14, Cl-36, Co-60, Cs-137, H-3, Ni-63, Pb-210, and U-nat. Radionuclides of interest in the Nuclear Medicine service include Ga-67, I-131, and Tc-99m.

This list was screened to exclude nuclides with short half-lives (less than 1 year), those known to be sealed sources, or those known to be single or very small quantity purchases. The resulting ROC list for the Lakeside Hospital Building is shown in Table 1-1.

Table 1-1: Radionuclides of Concern and Applicable DCGLs for the Medical Sciences Building FSS

| Radionuclide | Name | Principal Emissions | Building Surfaces Screening Level (dpm/100 cm ²) ¹ |
|--------------|-------------|---|---|
| C-14 | Carbon-14 | β^-_{\max} (0.156 MeV) | 3.40E+06 |
| Cl-36 | Chlorine-36 | β^-_{\max} (0.710 MeV) | 4.47E+05 |
| Cs-137 | Cesium-137 | β^-_{\max} (0.512 MeV) γ (0.662 MeV) | 2.78E+04 |
| Co-60 | Cobalt-60 | β^-_{\max} (0.318 MeV) γ (1.173, 1.332 MeV) | 6.94E+03 |
| H-3 | Tritium | β^-_{\max} (0.0186 MeV) | 1.14E+08 |
| Ni-63 | Nickel-63 | β^-_{\max} (0.0659 MeV) | 1.63E+06 |

1. Building surface screening DCGLs taken from Table 5.19 of NUREG/CR-5512 Vol.3, Residual Radioactive Contamination from Decommissioning – Parameter Analysis ($P_{\text{crit}} = 0.95$)

The FSS Plan for the VA's Lakeside Campus assumed that both MSB and the Lakeside Hospital Building would be addressed together during the FSS effort. However, the VA decided to pursue FSS and release of the MSB facility first, leading to separate FSS efforts and submittals for the two buildings.

The Co-60 building surfaces screening level of 6.94E+03 disintegrations per minute per 100 cm² (dpm/100 cm²) was chosen as the derived concentration guideline level (DCGLw) for both FSS investigations since it represented the lowest DCGLw of all Lakeside Campus ROCs. This conservative approach was implemented to ensure that any elevated residual radioactivity present would be decontaminated to levels considered to be as low as reasonably achievable (ALARA).

1.3 FSS LIMITATIONS

At the time of this FSS investigation, the Lakeside Hospital was continuing to operate a nuclear medicine clinic on the 2nd Floor. The clinic uses only short-lived nuclear medicine radioisotopes

such as technetium-99 (metastable) (Tc-99m, half-life = 6.01 hours) for diagnostic patient care services. Active use of longer-lived nuclides (see Table 1-1) for VA research or diagnostic purposes has been discontinued at the Lakeside Hospital location.

Decommissioning investigations do not typically include short-lived nuclear medicine isotopes as ROCs since they will unquestionably decay beyond detection well before the building (or land) is redeveloped. Tc-99m is a gamma-emitter and is readily detectable by the instrumentation used during the FSS. For this reason, surveys were planned appropriately to allow ample decay time between last usage and time of surveys, e.g., Monday morning after a full weekend of decay. Although it is unlikely that short-term continued operation of the nuclear medicine clinic will have any impact on the results of this FSS, it may be prudent to perform a follow-up survey of in these areas once all diagnostic care services at Lakeside Hospital are closed to ensure that the assumptions made during this FSS were appropriate.

2.0 SUMMARY OF FSS ACTIVITIES

2.1 FSS IMPLEMENTATION

The Lakeside Hospital was subdivided into 23 survey units (SUs) over 5 impacted floors. The floors determined to require FSS were the 2nd Sub-Basement, 1st Sub-Basement, 2nd Floor, 7th Floor, and 8th Floor. SUs were classified as MARSSIM Class 1, Class 2, or Class 3 based on information provided in the HSA. Descriptions of each SU are provided in Table 2-1 below. Spatial boundaries of each SU are shown in the FSS SU Maps provided in Appendix A.

All instruments used during this investigation were monitored daily using check sources. Each survey instrument was calibrated using standards traceable to the National Institute of Standards and Technology (NIST). Control charts for each instrument and calibration certificates for the instruments and radioactive sources used during the project can be found in Appendix C.

Table 2-1: SU Breakdown for VA Lakeside Campus FSS

| SU Number | Floor | Class | SU Description |
|-----------|-------|-------|---|
| LS-01 | 2SB | 2 | Location of old incinerator in boiler plant area. SU covers northeast corner of boiler plant. |
| LS-02 | 2SB | 1 | Room 7A. Former radiation safety laboratory. Also former therapy source storage location. |
| LS-03 | 2SB | 2 | Rooms 2SB-04 through -08 plus corridor. Former accelerator, ortho-voltage treatment, and Co-60 teletherapy rooms. |
| LS-04 | 2SB | 2 | Former Simulator Room and adjoining support rooms. Rooms 2SB-09 through -15 plus corridor |
| LS-05 | 2SB | 1 | Room 2SB-02. Sink in janitors closet used for liquid waste disposals to sanitary sewer. |
| LS-06 | 1SB | 1 | Room 1SB-10A. Primary radioactive waste storage room for Lakeside Campus, currently still in use. |
| LS-07 | 1SB | 1 | Room 1SB-13. Historical waste storage room. |
| LS-08 | 1SB | 1 | Room 1SB-12A. Historical waste storage room |
| LS-09 | 2 | 2 | Nuclear Medicine imaging rooms, 'hot lab', adjacent hallway, and rooms 255, 256, 259, 259B, and 262. Also Room 206 in northeast corridor. |
| LS-10 | 2 | 3 | Remainder of impacted areas on 2 nd Floor including coronary care unit, and echo-cardio laboratories. |
| LS-11 | 7 | 2 | Room 716D. RIA laboratory. |
| LS-12 | 7 | 2 | Room 718 |
| LS-13 | 7 | 2 | Portion of Room 731 and Room 732. Room 731 was later subdivided into 2 offices. Only the portion nearest to 732 had any record of radioactive material use. |
| LS-14 | 7 | 2 | Rooms 734, 734A, and 735 |
| LS-15 | 7 | 2 | Room 712 |
| LS-16 | 8 | 2 | Southeast wing of floor. Rooms 817-825 plus corridor. |
| LS-17 | 8 | 3 | Historical animal use area. Totally remodeled as building morgue and southwest wing of floor (rooms 829A-838 plus corridor with no original surfaces present. |
| LS-18 | 8 | 2 | Northwest wing of floor. Rooms 839-850 plus corridor. Sink in janitors closet (Room 850) suspected as liquid waste disposal site. |
| LS-19 | 8 | 2 | Rooms 803, 809, 811, and 813 |
| LS-20 | 1SB | 1 | Room 1SB-10A. Added to FSS when it was discovered that radioactive waste was also stored in this room. |
| LS-21 | 1SB | 1 | Room 1SB-16. Former animal waste incinerator found in this room during FSS activities. |

According to the MARSSIM design parameters in the FSS Plan, a minimum of 20 fixed-point measurements were taken on floors, work surfaces, walls, and ceilings (Class 1 only) in each SU, either on a systematic triangular grid (Class 1 and 2) or distributed in a random pattern (Class 3).

In addition to the MARSSIM statistical fixed-point measurements, each room or laboratory area within Class 1 and 2 SUs was subdivided into one meter (1-m) grids to aid with scan and smear surveys. Scans in Class 1 SUs included all wall and ceiling surfaces while walls in Class 2 SUs were only surveyed up to a height of 2 meters (m). Class 3 SUs were scanned without the grid pattern due to the reduced coverage requirements prescribed in the WP.

2.2 ESTABLISHMENT OF MATERIAL-SPECIFIC BACKGROUNDS

The Sign test using paired observations was chosen in the FSS Plan to evaluate the results of the fixed-point measurement results. Representative background values to be used in the paired observations were collected in non-impacted areas of the Lakeside Hospital on similar building materials, where available. The average of five (5) 1-minute fixed-point measurements was used for subtraction from each systematic measurement location prior to evaluation using the Sign test. Tables 2-2 and 2-3 provide material specific background values for the 44-94 GM array and 44-110 windowless proportional detectors, respectively.

Table 2-2: Material Specific Background Count Rates for the 44-94 GM Array

Measured Background Count Rates for Various Surfaces in VA Lakeside Hospital Building

All values reported in CPM (Note 1).

| Probe | Reference Room ² | Plaster (PL) | Drywall (DW) | Vinyl Floor Tile (VT) | Synthetic Stone Countertops (SST) | Red Clay Tile (CT) | Gray Porcelain Tile (GT) | Acoustic Ceiling Tile (ACT) | Concrete (C) | Terrazzo Flooring (T) | Other Surfaces (O) ³ |
|--|-----------------------------|-----------------|-----------------|-----------------------------|--|-----------------------------------|-----------------------------------|-----------------------------------|-----------------|-----------------------------|---------------------------------------|
| | | 8th Fl Hall | 4th FL Hall | 4th Fl Hall | 701 | 4th Fl Hall - Near Elevator | 4th Fl Hall - Near Elevator | 4th Fl Hall - Near Elevator | 2SB18 | 1st Floor Lobby | 1050 |
| Ludlum 2241 / 44-94 (Instrument #1) | Mean | 124.4 | 119.2 | 122.4 | 122.0 | 287.8 | 332.6 | 217.4 | 137.2 | 120.8 | 96.6 |
| | Std Dev (cpm, 1 σ) | 17.6 | 15.3 | 12.0 | 19.7 | 13.1 | 26.1 | 11.9 | 9.4 | 10.6 | 10.2 |
| | Std Dev (% , 1 σ) | 14.2% | 12.8% | 9.8% | 16.1% | 4.5% | 7.8% | 5.5% | 6.9% | 8.8% | 10.6% |

NOTES:

- 1 CPM values are mean and standard deviation of (5) 1-minute counts with 44-94 probe.
- 2 Chosen reference rooms are unimpacted rooms with similar building materials as those surveyed.
- 3 All other surface and structural surfaces not presented in the table were composited into an "Other" category for application in the Summary Data Sheets. Measurements from a wood surface in Room 1050 were chosen as representative background values.

Table 2-3: Material Specific Background Count Rates for the 44-110 Windowless Proportional Counter

Measured Background Count Rates for Various Surfaces in VA Lakeside Hospital Building

All values reported in CPM (Note 1).

| Probe | Reference Room ² | Porcelain Sink (PS) | Synthetic Stone Countertops (SST) | Vinyl Floor Tile (VT) | Stainless Steel (SS) | Glazed Clay / Porcelain Tiles (GT) | Concrete (C) | Other (O) |
|---------------------------------------|-----------------------------|---------------------------|--|-----------------------------|----------------------------|--|-----------------|--------------|
| | | 405 | 814 | 424 | 616 | 405 | 2SB18 | 2SB18 |
| Ludlum 2221 / 44-110 (H-3 Monitor) | Mean | 631.2 | 259.6 | 308.8 | 338.8 | 921.8 | 412.8 | 124.4 |
| | Std Dev (cpm, 1 σ) | 31.7 | 16.2 | 6.7 | 5.6 | 38.5 | 19.2 | 10.8 |
| | Std Dev (% , 1 σ) | 5.0% | 6.2% | 2.2% | 1.7% | 4.2% | 4.7% | 8.7% |

NOTES:

- 1 CPM values are mean and standard deviation of (5) 1-minute counts with 44-110 probe.
- 2 Chosen reference rooms are unimpacted rooms with similar building materials as those surveyed.
- 3 All other surface and structural surfaces not presented in the table were composited into an "Other" category for application in the Summary Data Sheets. Measurements from a cement ceiling surface in Room 2SB18 were chosen as representative background values.

2.3 INCINERATOR AND STACK INVESTIGATION

In addition to the MARSSIM investigation of interior building surfaces described above, a separate survey of the former animal waste incinerator and effluent exhaust stack was performed to evaluate if these structures were impacted as a result of radioactive materials usage in the Lakeside Hospital. An investigation of the former waste incinerator and effluent exhaust stack was performed on October 11, 2004.

The protocol for the stack investigation was designed in a Technical Memorandum prepared by CABRERA titled, *Evaluation of Survey and Release Methodology for Primary Stack at the VA Lakeside Hospital Building*. This Technical Memorandum is provided as an addendum to the FSS WP provided in Appendix D.

Direct measurements, smears for removable contamination, and debris samples for offsite laboratory analysis were collected to assess the present condition of the stack and incinerator. Smears were prepared and counted locally using the VA LSC used during building FSS activities. Volumetric samples were packaged and sent to an offsite analytical laboratory for H-3 and C-14 LSC analysis and a gamma spectroscopy scan. Results of the investigation are discussed in Section 3.7. Detailed sample analysis data is also provided in Appendix E.

3.0 SUMMARY OF FSS RESULTS

All surface survey data collected in each SU (and individual rooms within each SU) are provided in Appendix B. Data sets for each SU include:

- SU Data Summaries with Sign test evaluation;
- Survey Worksheets for each room within each Class 1 and 2 SU complete with floor and surface scan results;
- Printouts of LSC results for all smears collected during the FSS with cross-reference to grid numbers; and
- A summary sheet with results of all static measurements taken with the windowless proportional counter (maps with locations included).

3.1 SURFACE SCAN SURVEYS

3.1.1 Floor Scan Surveys

Scan surveys of floor surfaces for alpha and beta contamination were performed with a Ludlum Model 239-1F floor monitor in all SUs in accordance with protocol and coverage requirements prescribed in Appendix D. Biased locations were added to the systematic survey grid if an Action Level of 2-times background was exceeded during the scan survey or at the discretion of the scanning operator's professional judgment. Biased fixed-point locations are recorded after the systematic survey locations on the FSS Data Summaries provided in Appendix B. The biased locations were not included in the Sign test assessment.

Two locations were marked as biased locations for follow-up during the floor scan survey. These were found in Room 803 at Grid #15 and in Room 811 at Grid #16. Decontamination and follow-up results are provided in Section 3.6.

3.1.2 Wall and Work Surface Scan Surveys

Wall and work surface scan surveys were performed using a Ludlum model 44-94 four-detector GM array over the coverage criteria stated in the FSS Plan. 100% of work surfaces (e.g., countertops, cabinets, sinks, hoods) were scanned in each Class 1 and 2 SU. These survey results are noted as "Other Surfaces" on the Room Survey Worksheets provided in Appendix B.

Biased locations were added to the systematic survey grid if an Action Level of 2-times background was exceeded during the scan survey or at the discretion of the scanning operator's professional judgment. As with the floor scans, biased locations are recorded after the systematic survey locations on the FSS Data Summaries provided in Appendix B.

Two locations were marked as biased locations for follow-up during scan survey of work surfaces. Both spots were discovered during work surface surveys in Room 813 in Grid numbers 125 and 148. Decontamination and follow-up results are provided in Section 3.6.

3.2 FIXED-POINT SURFACE RADIOACTIVITY MEASUREMENTS

3.2.1 Statistical Fixed-Point Measurements

One-minute static counts were taken with a Ludlum model 44-94 four-detector GM array at all predetermined systematic and subsequent biased locations in each SU and logged on applicable FFS Data Summaries. There were a minimum of 20 static measurements performed in each SU.

The results of all fixed-point measurements are provided in column 6 of the FSS Data Summary Sheets in Appendix B. The results are converted to dpm per 100 cm² by subtracting an appropriate material-specific background and applying the C-14 beta efficiency for the 44-94 GM detector and an area correction factor. The C-14 efficiency was used for two reasons: a) it provides a conservative result relative to that produced using a Co-60 efficiency, and b) C-14 was the most likely long-lived ROC to be present.

All fixed-point measurements were found to be below the DCGLw value of 6.94E+03 dpm per 100 cm². Therefore, no Sign test evaluations were necessary to satisfactorily reject the Null Hypothesis in the Data Quality Objectives (DQOs) in the WP.

3.2.2 Supplemental Fixed-Point Measurements

In addition to the systematic static measurements described above, judgment sampling for the presence of fixed H-3 was also performed using a Ludlum model 44-110 windowless proportional detector. This detector is operated in 'purge-on-demand' mode, meaning that the detector chamber is filled with P-10 gas prior to each count. One-minute counts were collected in a sampling of SUs to supplement the 44-94 fixed-point measurements and removable smear data. A summary of locations and results of each of these measurements is provided in the 'Windowless Proportional Counter Results' tab in Appendix B.

Of the 119 static measurements collected with the 44-110 detector, one was calculated to be greater than the DCGLw value of 6.94E+03 dpm/100 cm² (9.83E+03 dpm/100 cm² at Grid #17 in Room 1SB-10A). However, it should be noted that this value is very likely to actually be H-3 based on the LSC data and not Co-60, which the DCGLw represents. When compared to the actual screening DCGLw for H-3 of 1.14E+08 dpm/100 cm², it is clear that this location does not require additional decontamination to satisfy the DQO's presented in the FSS Plan.

3.3 SMEAR SAMPLE COLLECTION AND ANALYSIS

Dry smears were collected within each one-meter grid position and at all biased and/or decontaminated SU locations. All smears were prepared in 20 milliliter glass vials and counted in a Packard Tri-Carb U1600 liquid scintillation counter (LSC) for beta contamination. The U1600 LSC was equipped with automatic external quench standard efficiency correction, luminescence correction, dual-label DPM calculations, and automatic background subtraction.

Each scintillation vial was filled with 10 ml of cocktail to increase elution into the fluid for enhanced counting efficiency. H-3, C-14, and gross beta contamination were reported by applying quench-corrected efficiencies using calibration standards traceable to the National

Institute of Standards and Technology (NIST). Calibration information for the LSC and associated standards are provided in Appendix C.

The results of all smear surveys in the Class 1 and 2 SUs are provided in the 'LSC Results' tab in Appendix B. The location of each smear is recorded in the right margin of each LSC printout and is cross-referenced to the grid numbers provided in the Room Survey Worksheets. Smears were not collected in the Class 3 SUs. The LSC printouts report H-3 activity in Region A, C-14 in Region B, and all other beta emitters with energy greater than C-14 in Region C.

If any smear result returned an activity level greater than 100 dpm/100 cm² in either the H-3 or C-14 window, the area was investigated for possible decontamination. If an area was decontaminated, a biased fixed-point location was added to the SU Data Summary with measurements performed with both the 44-94 and 44-110 probes. Each area was also re-smear post-decon as confirmation that any residual removable contamination was removed to background levels.

3.4 GAMMA EXPOSURE RATE MEASUREMENTS

General area gamma exposure rate measurements were collected within each impacted room during the FSS. Exposure rates were taken at an approximate height of one meter above the floor using a Ludlum model 44-38 energy compensated GM-tube connected to a Model 3 survey meter. Recorded exposure rates are provided in each survey worksheet data packet in Appendix B.

All exposure rates within the Lakeside Hospital were consistently measured to be between 5 – 30 micro-Roentgen per hour (μR/hr).

3.5 MECHANICAL SYSTEMS SURVEYS

In addition to the smears collected in grid and biased locations prescribed in the FSS Plan, smears and cotton swabs were also collected from sinks, vacuum lines, hoods, and floor drains in all impacted areas of the Lakeside Hospital. Sink and floor drain smears/swabs were taken from within the drain piping or trap to investigate the potential for residual contamination from wastes disposed in the past. Vacuum lines were investigated to determine if radioactive materials may have been inadvertently suctioned out of experimental glassware into the building's system piping.

Specific areas of concern identified in HSA included:

- Sink and drain piping in Room 2SB-05. This sink may have been used in the past for liquid radioactive waste disposal to the sanitary sewer system.
- Two floor drains in 1SB-10A Waste Room.
- Sink and drain piping in Room 850. This sink may have been used in the past for liquid radioactive waste disposal to the sanitary sewer system.

The results of the numerous smear/swab samples taken from installed systems revealed only a one positive result for either H-3 or C-14 contamination. A swab taken from within the house vacuum system inlet in Room 813 (sample #167) showed 231 dpm removable H-3. The nipple/valve assembly and a short length of piping were removed and discarded as radioactive.

waste. Surveys of the vacuum lines upstream of the removed components were negative for residual radioactive contamination (see 'LSC Results' tab in Appendix B for counter printout), showing that decontamination activities were effective.

The floor drains in 1SB-10A contained a substantial amount of dirt and built-up in the trap. Samples were collected at the bottom of the trap. Given the amount of available debris, solid material samples were also collected for analysis by the offsite laboratory. These samples were sent in the same lot as those collected during the incinerator/stack investigation. The samples collected are shown in Table 3-1.

Table 3-1. List of Floor Drain Debris Samples Sent to Offsite Analytical Laboratory

| Sample ID | Sample Date | Location | Matrix |
|------------|-------------|-------------------------------|---------------|
| 1SB10A-FD1 | 8/10/04 | Floor Drain in Center of Room | Sludge/Debris |
| 1SB10A-FD2 | 8/10/04 | Floor Drain near West Wall | Sludge/Debris |

These samples were analyzed for H-3, C-14, and gamma isotopes. A summary of the results are shown in Table 3-2. Analytical reports from the offsite laboratory are provided in Appendix E.

Table 3-2. Offsite Lab Results of 1SB-10A Floor Drain Samples

| Sample ID | Sample Date | H-3 Result (pCi/g \pm 2 σ) | C-14 Result (pCi/g \pm 2 σ) | Gamma Scan Result |
|------------|------------------------|---|--|----------------------|
| | <i>MDC¹</i> | <i>~7</i> | <i>~4.6</i> | <i>various</i> |
| 1SB10A-FD1 | 8/10/04 | 3.1 \pm 4.3 | 1.5 \pm 2.8 | ND |
| 1SB10A-FD2 | 8/10/04 | 98 \pm 16 | 2.4 \pm 2.9 | ND |

ND = None Detected.

1. Stated MDCs in the table are approximate sample values based on the reported results in Appendix E. Actual MDC values fluctuate from sample to sample

The H-3 result from the 1SB10A-FD2 debris sample shows evidence of residual H-3 contamination (98 \pm 16 pCi/g). This indicates that the floor drain either was used for sanitary sewer disposals or that the floor drain received H-3 contaminated waste water that was spilled during waste handling. It should be noted that all smears for removable contamination on the floor and in the drain areas were negative for removable H-3. The presence of H-3 in the drain sludge could also be indicative of concentrating throughout the years.

3.6 DECONTAMINATION ACTIVITIES

Minor decontamination efforts were required in rooms where either scans or smear surveys discovered residual contamination above the stated action level. Decontamination involved wiping the affected areas with towels after applying cleaning agents and minor wet sanding/scraping in areas where fixed contamination was encountered. After decontamination, each area was designated as a biased location and surveyed with the 44-94 probe and had a smear taken for removable contamination. Decontamination efforts were repeated until each spot exhibited levels equal to or close to background. A summary of all areas requiring decontamination is provided in Table 3-3.

Table 3-3: Summary of Biased Surfaces Requiring Decontamination During FSS

| Room | Grid Position | Date | Initial Measurements | | Date | Post-Decon Measurements | |
|------|---------------|---------|----------------------|---|---------|-------------------------|---|
| | | | 44-94 CPM | Smear Result H-3 C-14 (dpm/100cm ²) | | 44-94 CPM | Smear Result H-3 C-14 (dpm/100cm ²) |
| 803 | 15 | 6/10/04 | 5700 | 170.9 / 404.0 | 7/30/04 | 155 | 0.0 / 3.4 |
| 811 | 16 | 7/2/04 | 912 | 0.0 / 0.0 | 7/30/04 | 134 | N/A |
| 813 | 125 | 6/16/04 | 501 | 0.0 / 1.9 | 7/30/04 | 122 | N/A |
| 813 | 148 | 6/16/04 | 8040 | 0.0 / 0.0 | 7/30/04 | 162 | N/A |

- Notes:
1. All direct measurements taken with 2224/44-94 combination SN 203640/PR198969 (instrument #1).
 2. No smear taken post decon if initial smear results were negative for H-3 & C-14.

3.7 RESULTS OF INCINERATOR/STACK INVESTIGATION

3.7.1 Hospital Stack Measurements and Samples

The effluent exhaust stack was evaluated by performing surveys both at the base of the structure and at the top of the stack chimney. The cleanout area was surveyed and sampled because it is designed as a settling area for ash and debris that was not completely incinerated in the burn chambers.

The interior of the stack was readily accessible through a cleanout door located in the 2nd sub-basement boiler room area. The shape of the chimney was cylindrical with a diameter of approximately 8 feet. The interior of the stack was found to be constructed of brick and mortar without a stainless steel liner, as previously postulated in the HSA. The survey and sampling efforts in the base of the stack are shown in Figure 3-1. Respiratory protection was worn during the stack investigation since the exhaust fans remained on, causing significant amounts of ash to remain airborne.



Figure 3-1. Sampling of Stack Cleanout

Samples and measurements were also collected from the top of stack chimney accessed from the roof of the Lakeside Hospital building. Scaffolding and fall protection were utilized to aid in collection of samples and direct measurements. Smears and direct measurements were taken all along the top and interior surfaces of the chimney. Smears were also collected from within the stack interior through use of an extension pole shown in Figure 3-2. A sample of gravel from the roof of the Lakeside Hospital was also collected for offsite laboratory analysis to test for close surface deposition potential of exhausted radioactive particulates from the stack.



Figure 3-2. Measurements and Sampling at Top of Hospital Stack

In total, 31 smears and 8 ash/debris samples were collected from the cleanout area of the stack and the roof. The debris samples included loose ash and unburned debris shown in the photos, scrapings from the interior walls of the stack, and roof gravel. A listing of the ash and scraping samples from the interior of the stack are shown in Table 3-4.

Table 3-4. Samples Collected from Stack Chimney for Offsite Laboratory Analysis

| Sample ID | Sample Date | Location | Matrix |
|-----------|-------------|---------------------------------|--|
| ST-1 | 10/11/04 | Cleanout Floor – East | Ash |
| ST-2 | 10/11/04 | Cleanout Floor – South | Ash |
| ST-3 | 10/11/04 | Cleanout Floor – West | Ash |
| ST-4 | 10/11/04 | Cleanout Floor – North | Ash |
| ST-5 | 10/11/04 | Cleanout Floor – Center | Ash |
| ST-6 | 10/11/04 | Stack Base – East & South Walls | Ash & Loose Debris in Mortar Cracks |
| ST-7 | 10/11/04 | Stack Base – All Walls | Scrapings of Deposited Ash and Carbon Residues |
| ST-8 | 10/11/04 | Roof | Surface Roof Gravel |

All smears and volumetric samples were shown to be less than or equal to the method minimum detectable concentration (MDC). The LSC printout and results packages from the analytical laboratory are provided in Appendix E.

All accessible structural surfaces were also surveyed with the 44-94 GM probe and a 2x2 NaI gamma probe. All measurements were found to be consistent with background levels for the materials in question. Scan results are shown in Table 3-5. The NaI probe was used to identify any potential gamma sources that could have been placed into the incinerator but not totally exhausted up the stack. No abnormal gamma readings were observed during the investigation.

Table 3-5. Summary of Stack/Chimney GM Scanning Measurements

| Location | Detector | Gross Reading (cpm) | Material |
|------------------------|---------------|---------------------|------------------------------|
| Stack Cleanout - Walls | 44-94 GM | 415 – 510 | Fire Brick |
| Stack Cleanout – Floor | | 380 – 30 | Ash-covered Brick & Concrete |
| Chimney Top | | 230 – 330 | Concrete/Mortar |
| Stack Cleanout Area | 44-10 2x2 NaI | 7,000 – 8,000 | Ambient Background |
| | | 9,000 – 11,000 | Fire Brick |
| Chimney Top Area | | 7,600 – 8,600 | Concrete/Mortar |
| | | 15,000 – 17,000 | Fire Brick |

Notes: 1. Surface emission background values for fire brick were obtained from walls of similar structural material found in the 2nd sub-basement level. Representative 44-94 response to fire brick was found to consistently be 450-500 cpm.

3.7.2 Incinerator Sampling

The location of the former Lakeside Hospital waste incinerator was found in room 1SB-16 of the Lakeside Hospital during execution of the FSS. This incinerator was used for all hospital waste materials, including general hospital trash, radioactive wastes, and animal carcasses. This incinerator was confirmed to be in addition to the one discovered during research for the HSA, formerly located in the boiler area of the 2nd sub-basement incinerator. The incinerator found in 1SB-16 is shown in Figure 3-3.



Figure 3-3. Former Waste Incinerator Found in Room 1SB-16.

The incinerator contained a central burn chamber located at the top right of the photograph with 5 cleanout access doors, also open. A system design drawing of the incinerator with a sectional view of the flow path to the hospital chimney is shown in Figure 3-4. Ash samples were collected from each of the cleanout doors using the collection procedure shown in Figure 3-5. A sample jar was attached to an extension pole to gain access to the rear portions of the burn chamber and cleanout areas. A list of samples collected from the incinerator is provided in Table 3-6.

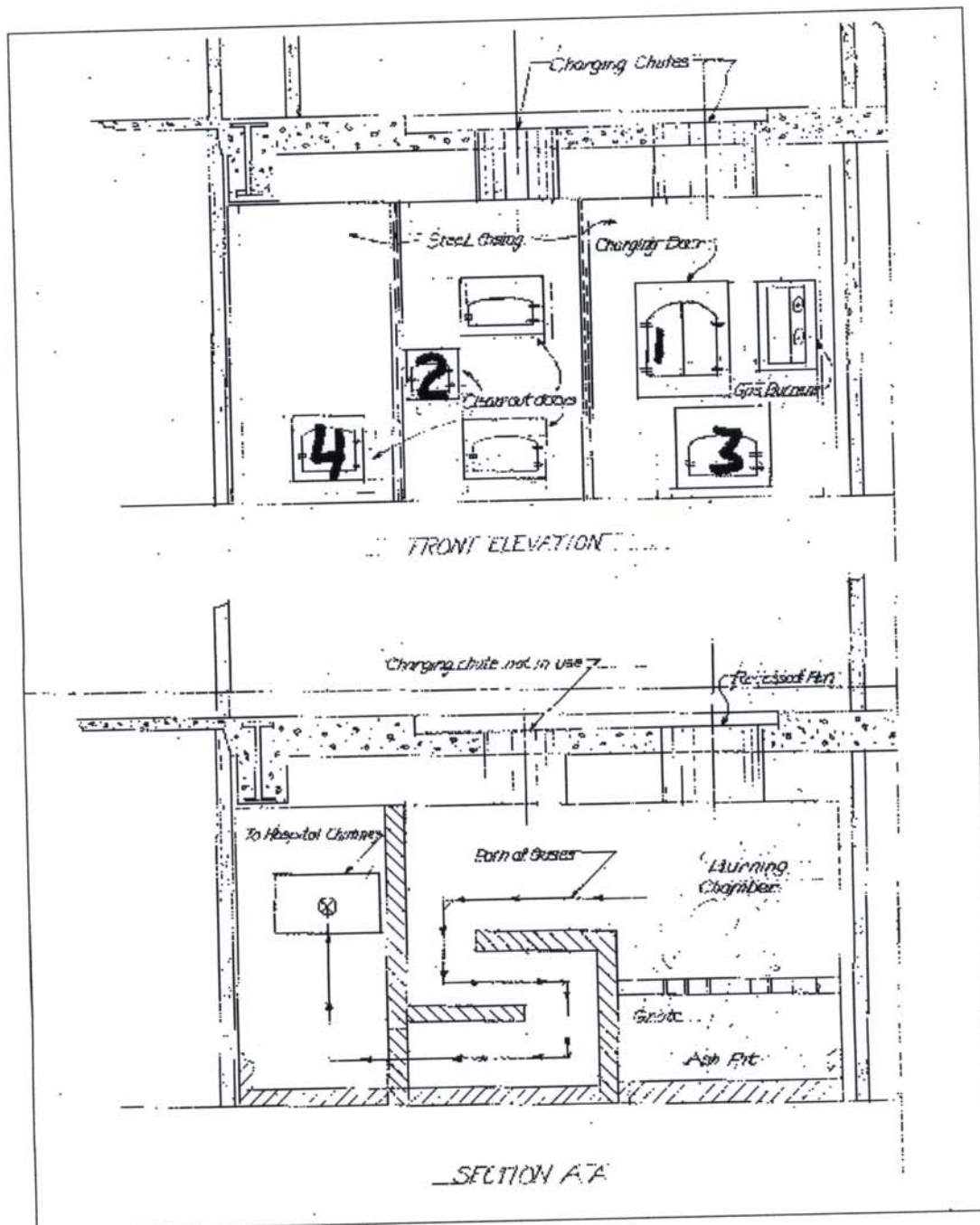


Figure 3-4. Diagram of Incinerator in Room 1SB-16 with Sampling Locations Noted.

Table 3-6. Samples Collected from 1SB-16 Incinerator for Offsite Laboratory Analysis

| Sample ID | Sample Date | Location | Matrix |
|-----------|-------------|--------------------------------------|--------|
| INC-1 | 10/11/04 | Charging Door | Ash |
| INC -2 | 10/11/04 | Middle Cleanout Door | Ash |
| INC -3 | 10/11/04 | Cleanout Door Below Burning Chamber | Ash |
| INC -4 | 10/11/04 | Lower Left Final Stage Cleanout Door | Ash |

All samples were shown to be less than or equal to the method minimum detectable concentration (MDC). The results packages from the analytical laboratory are provided in Appendix E. FSS data for Room 1SB-16 is provided in Appendix B as SU LS-21.



Figure 3-5. Incinerator Sample Collection Procedure at Door #3.

4.0 INSTRUMENT QUALITY ASSURANCE / QUALITY CONTROL

The following survey and stationary instruments were used during the Lakeside Hospital FSS:

Instrument 1

Meter: Ludlum 2241, S.No. 203640
Detector: Ludlum 44-94, S.No. PR198969

Instrument 4

Meter: Ludlum 14C, S. No. 113052
Detector: Ludlum 44-38, S.No. PR190331

Instrument 2a (Meter 2, Detector 1)

Meter: Ludlum 2241-3, S.No. 200101
Detector: Ludlum 44-94, S.No. PR198966

Floor Monitor

Model 239-1F, S.No. 190318
Meter: Ludlum 2241 S.No. 203519
Detector: Ludlum 43-37 S.No. PR190331

Instrument 2b (Meter 2, Detector 2)

Meter: Ludlum 2241-3, S.No. 200101
Detector: Ludlum 44-9, S.No. PR209886

Tritium Monitor

Meter: Ludlum 21211 S.No. 176947
Detector: Ludlum 44-110 S.No. PR178079

Instrument 3

Meter: Ludlum 3, S.No. 113439
Detector: Ludlum 44-38, S.No. PR113108

Liquid Scintillation Counter

Packard Tri-Carb Model U1600 S. No. 414354

4.1 INSTRUMENT CALIBRATION

All instruments used during the course of the survey were in current calibration traceable to the NIST. Copies of all vendor instrument calibration certificates are provided in Appendix C. The VA's Radiation Safety Staff also generated efficiencies for C-14, Cl-36, and Na-22 using NIST-traceable sources. Copies of the calibration certificates for these sources are also provided Appendix C.

4.2 QUALITY CONTROL TRACKING

Quality Control (QC) measurements were performed on all deployed field instruments each day, at a minimum frequency of before and after each use. A controlled area was used to perform these checks. The QC investigation levels for count rate instruments used during the FSS were ± 2 -sigma (2σ) for check source measurements and $\pm 3\sigma$ for background. Exposure rate instruments were evaluated using a qualitative $\pm 20\%$ against the indicated check source response on the meter. If any single measurement were found to be outside of its investigation level, the measurement was repeated. If the second count was also found to be outside of this criterion, the instrument was investigated to assess if any external biases or instrument physical damage was present. If response checks were found to be outside of $\pm 3\sigma$, the instrument was taken out of service unless evaluated and approved by the Radiation Safety Officer. Control charts for check source response, background count rates (where applicable), and copies of the daily check source logs for all instruments are provided in Appendix C.

The LSC was also checked daily using NIST-traceable sources and standard background vials. LSC counting efficiencies for H-3 and C-14 were confirmed prior to each sample set being loaded. These results are provided as the first 4 vial counts on each LSC printout provided in

Appendix B. The first vial is a VA-prepared background vial containing the same Ultima Gold scintillation cocktail used for all FSS activities, the second vial represents a H-3 standard, the third represents a C-14 standard, and the fourth is the vendor-supplied background vial (toluene-based background standard).

5.0 DISCUSSION OF RESULTS

A FSS consisting of 21 MARSSIM SUs was performed in the Lakeside Hospital Building, part of the VA Chicago Lakeside Campus. The FSS Plan was designed and implemented in accordance with the MARSSIM manual. All SUs were surveyed using instrumentation and techniques appropriate for the ROCs identified in the WP and its MARSSIM classification. The Lakeside Hospital is slated for redevelopment pending successful completion of FSS activities and release from the VA's NRC radioactive Master Materials License.

All systematically placed survey locations were observed to be less than the prescribed DCGLw for the FSS. Therefore, a Sign test evaluation of the data was not required.

A total of four surface locations were identified during scan surveys that required follow-up. All locations were decontaminated to near background levels in accordance with the VA's ALARA philosophy. This was confirmed via static and smear survey measurements taken after decontamination procedures were completed.

A volumetric sample of sludge and debris from a floor drain in Room 1SB-10A was shown to have 98 pCi/g H-3 contamination. Samples were collected at the bottom of the drain pipe elbow junction, as the drain pipe transitioned from vertical to horizontal travel below the floor. No samples downstream of the floor drain location were sampled. The presence of H-3 in a floor drain like this one is not unexpected, given that Room 1SB-10A was specifically used for liquid radioactive waste storage and since the VA was licensed to dispose up to curie levels of H-3 per year to the sanitary sewer. However, since the Lakeside Hospital is slated for redevelopment and the potential for complete demolition exists, follow-up samples from this floor drain piping would be prudent, particularly downstream of the first sample at or near the junction with the main sanitary sewer tie-in line.

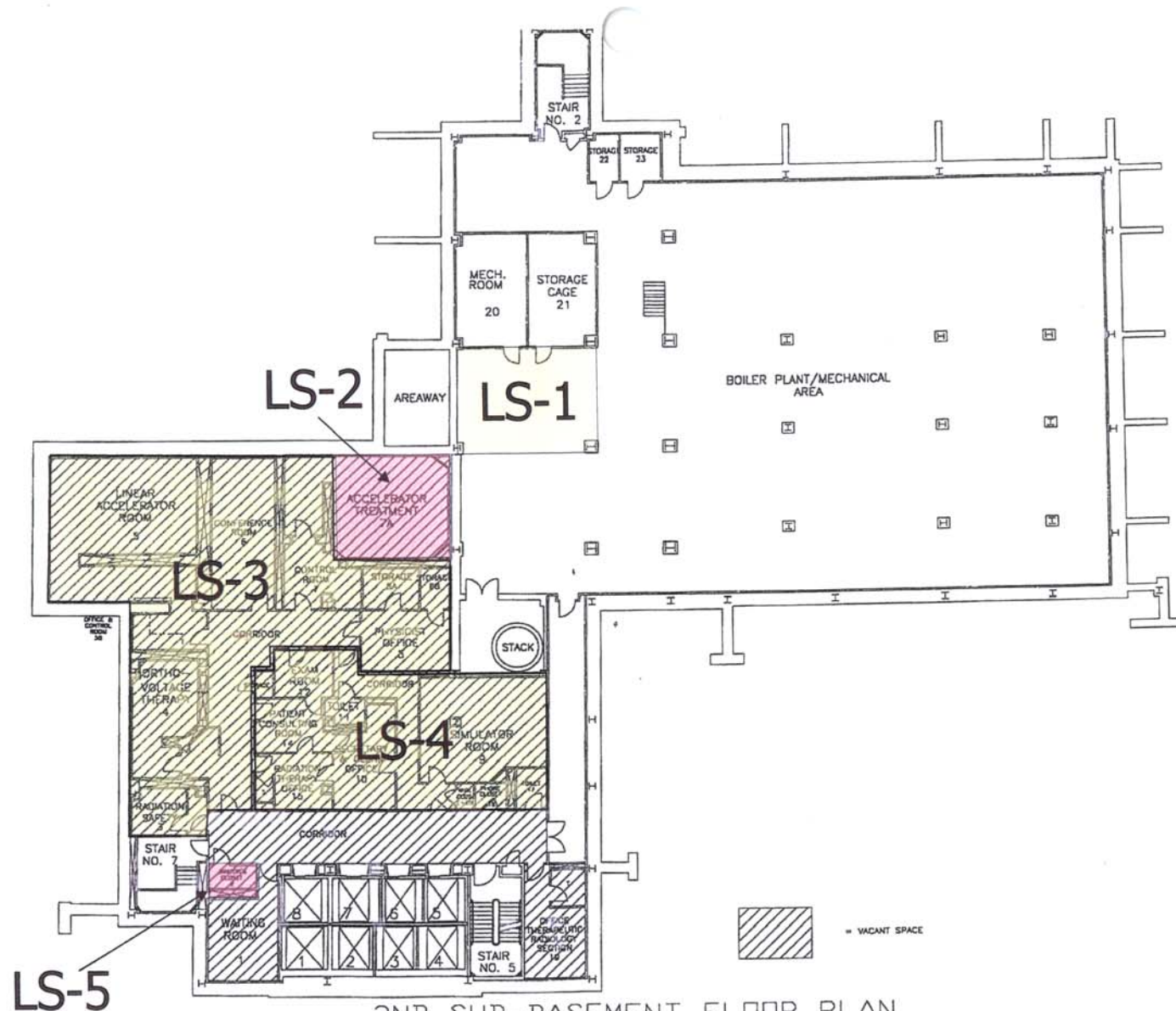
An investigation of the former animal waste incinerator and main hospital exhaust stack was also completed as part of the FSS effort. All surface measurements, smears, and volumetric samples collected during this investigation were found to be consistent with background levels with no evidence of residual radioactive contamination.

The results of this FSS show that the current condition of the Lakeside Hospital satisfactorily meets the NRC criteria for license termination, making it suitable for release for unrestricted use.

6.0 REFERENCES

- (CABRERA 2004) *Final Status Survey Report – VA Chicago Lakeside Campus, Medical Sciences Building.* Cabrera Services, Inc., September 9, 2004.
- (NRC, 1998) NUREG-1505, Rev.1, *A Nonparametric Statistical Methodology for the Design and Analysis of Final Status Decommissioning Surveys*, U.S. Nuclear Regulatory Commission, June 1998.
- (NRC, 1999) NUREG/CR-5512, Vol.3, *Residual Radioactive Contamination from Decommissioning – Parameter Analysis*, U.S. Nuclear Regulatory Commission, October, 1999.
- (NRC, 2000) NUREG-1575, Rev. 1, *Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)*, U.S. Environmental Protection Agency, August 2000.
- (NRC, 2002) NUREG-1757, *Consolidated NMSS Decommissioning Guidance*, U.S. Nuclear Regulatory Commission, August 2002.

APPENDIX A
Lakeside Hospital Final Status Survey Maps



2ND SUB-BASEMENT FLOOR PLAN

SCALE: 1" = 20'



VA Chicago - Lakeside Campus Final Status Survey
Lakeside Hospital Building

TITLE

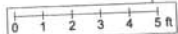
2nd Sub-Basement Level Survey Units

Legend:

1. Shaded Areas indicate boundaries of SU
2. SU numbers shown as XX-Y
- Pink = MARSSIM Class 1
- Yellow = MARSSIM Class 2
- Green = MARSSIM Class 3

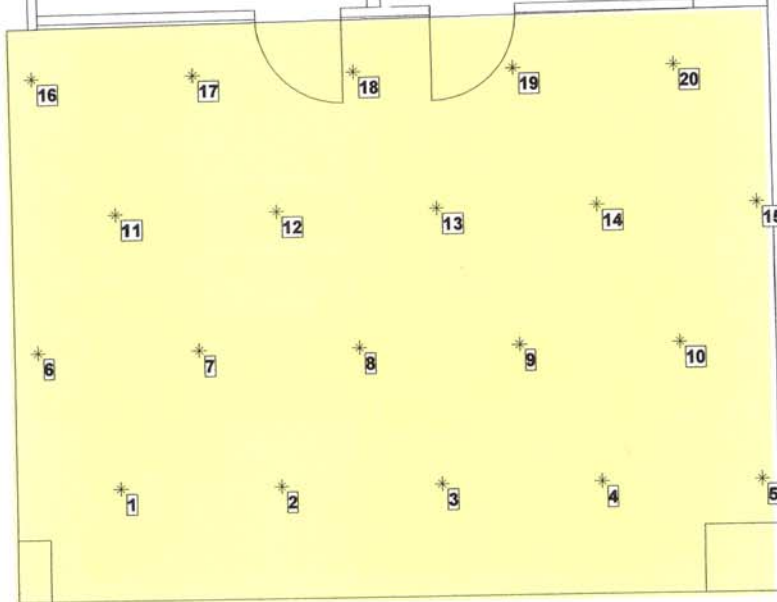
Drawn by: JJW

Date: 7/6/04



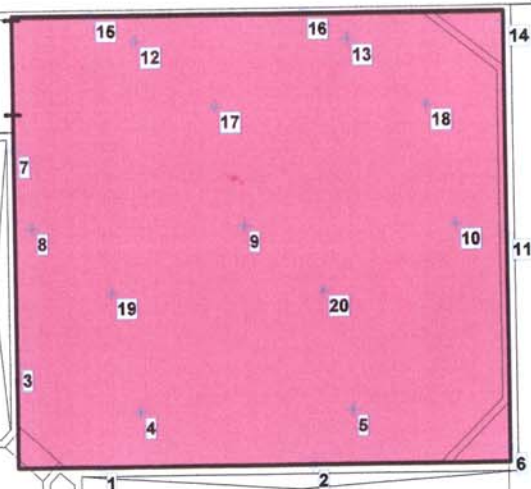
VA Lakeside Campus Final Status Survey
Lakeside Hospital Building - Survey Unit LS--1

Floor: 2nd Sub-Basement
Former Incinerator Area
MARSSIM Class 2
Triangular Grid Spacing: 5.6 feet



0 2 4 6 8 ft

VA Lakeside Campus Final Status Survey
Lakeside Hospital Building - Survey Unit LS-2



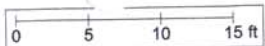
MARSSIM Class 1

Floor: 2nd Sub-Basement

Triangular Grid Spacing: 9.4 feet

See Unfolded Room Map for Wall & Ceiling Sample Locations





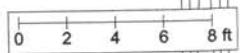
VA Lakeside Campus Final Status Survey
Lakeside Hospital Building - Survey Unit LS-3

MARSSIM Class 2

Floor: 2nd Sub-Basement

Triangular Grid Spacing: 13.4 feet





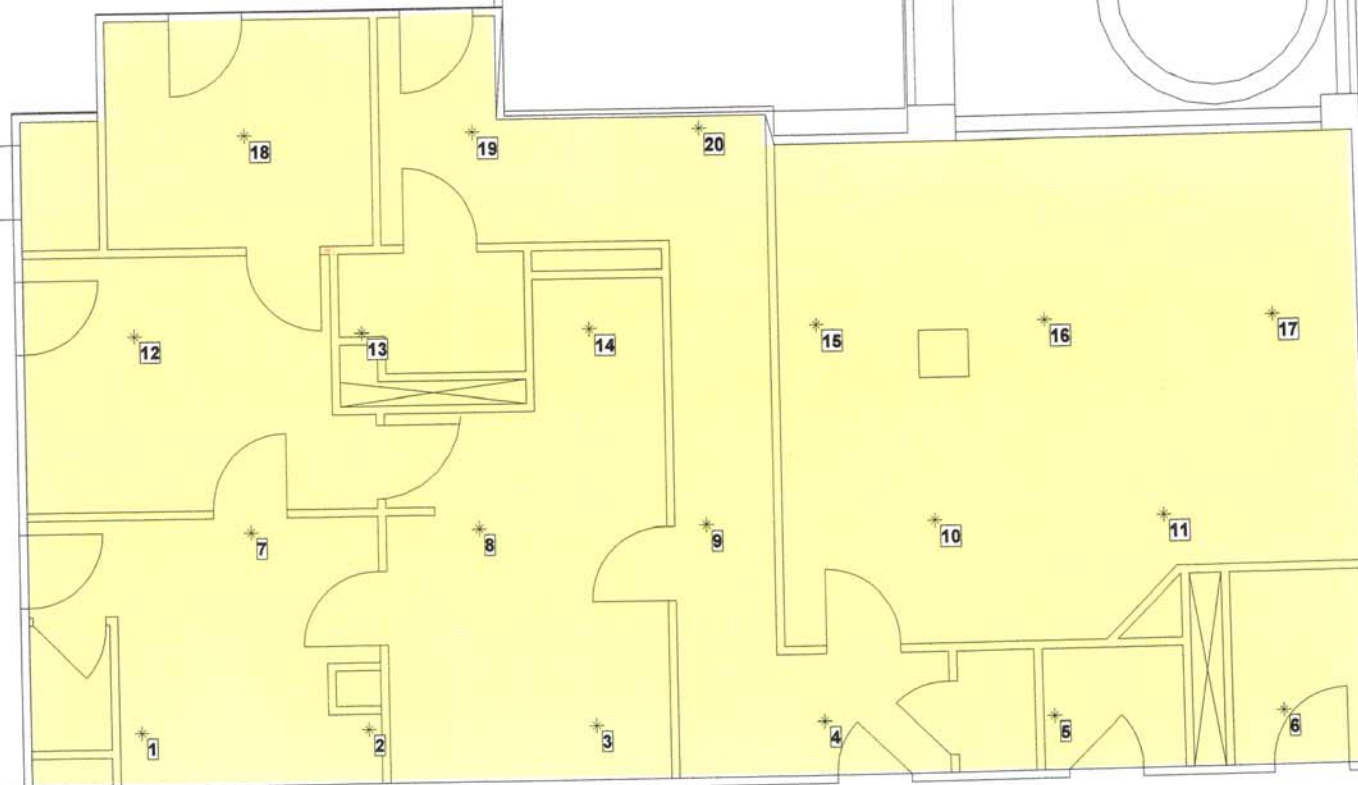
VA Lakeside Campus Final Status Survey

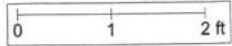
Lakeside Hospital Building - Survey Unit LS-4

MARSSIM Class 2

Floor: 2nd Sub-Basement

Triangular Grid Spacing: 9.3 feet

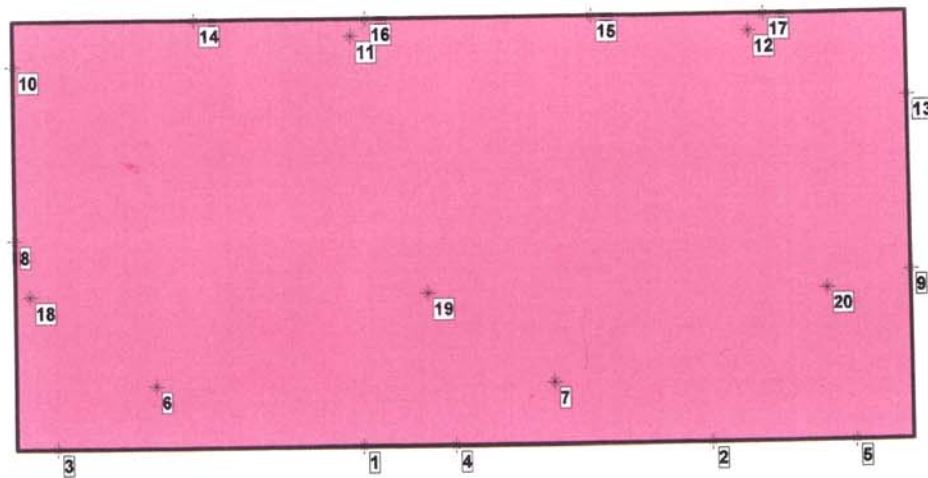


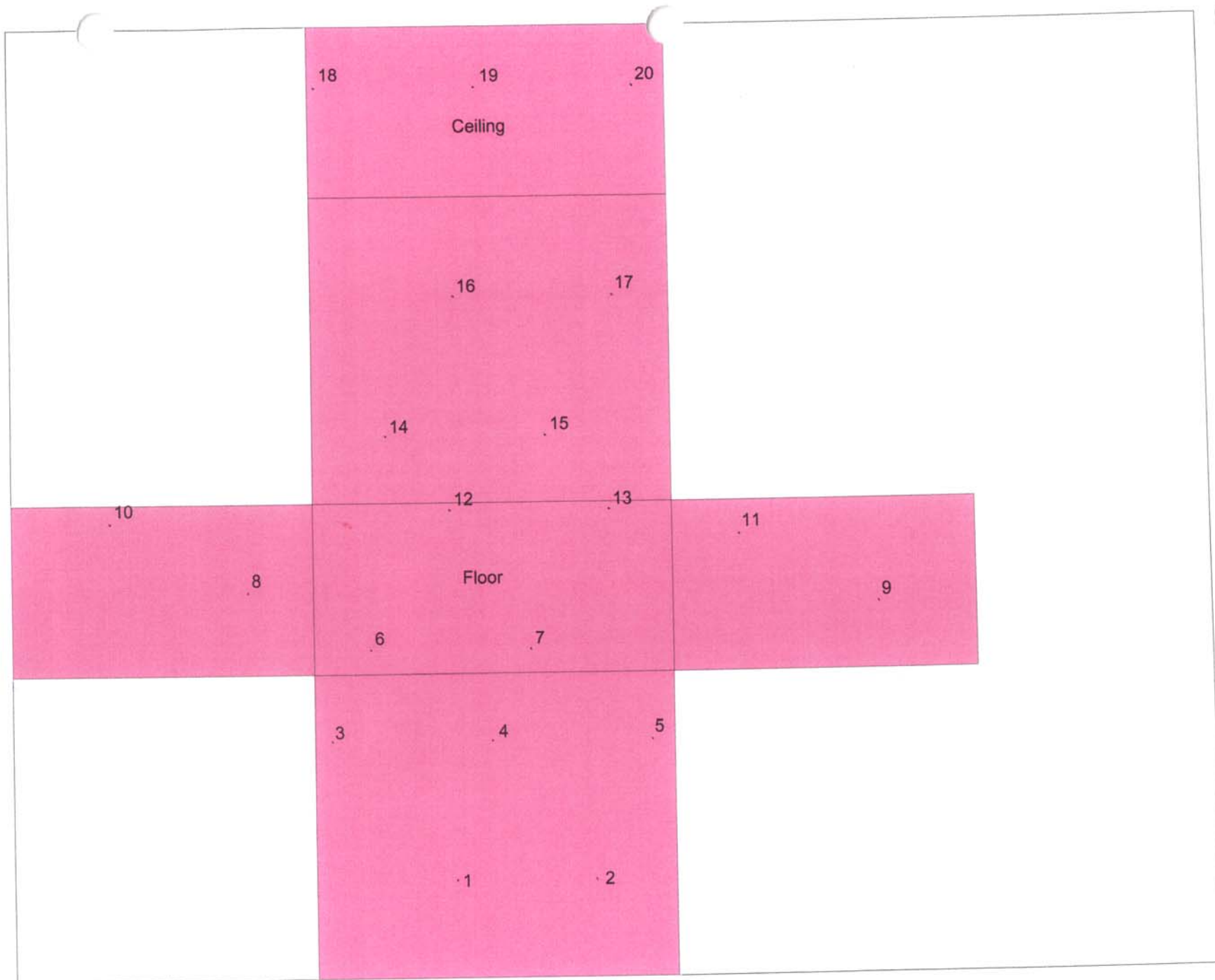


VA Chicago Lakeside Campus - Final Status Survey
Lakeside Hospital Building - Survey Unit LS-5
Room 2SB-02

MARSSIM Class 1
Floor: 2nd Sub-Basement
Triangular Grid Spacing: 4.2 feet

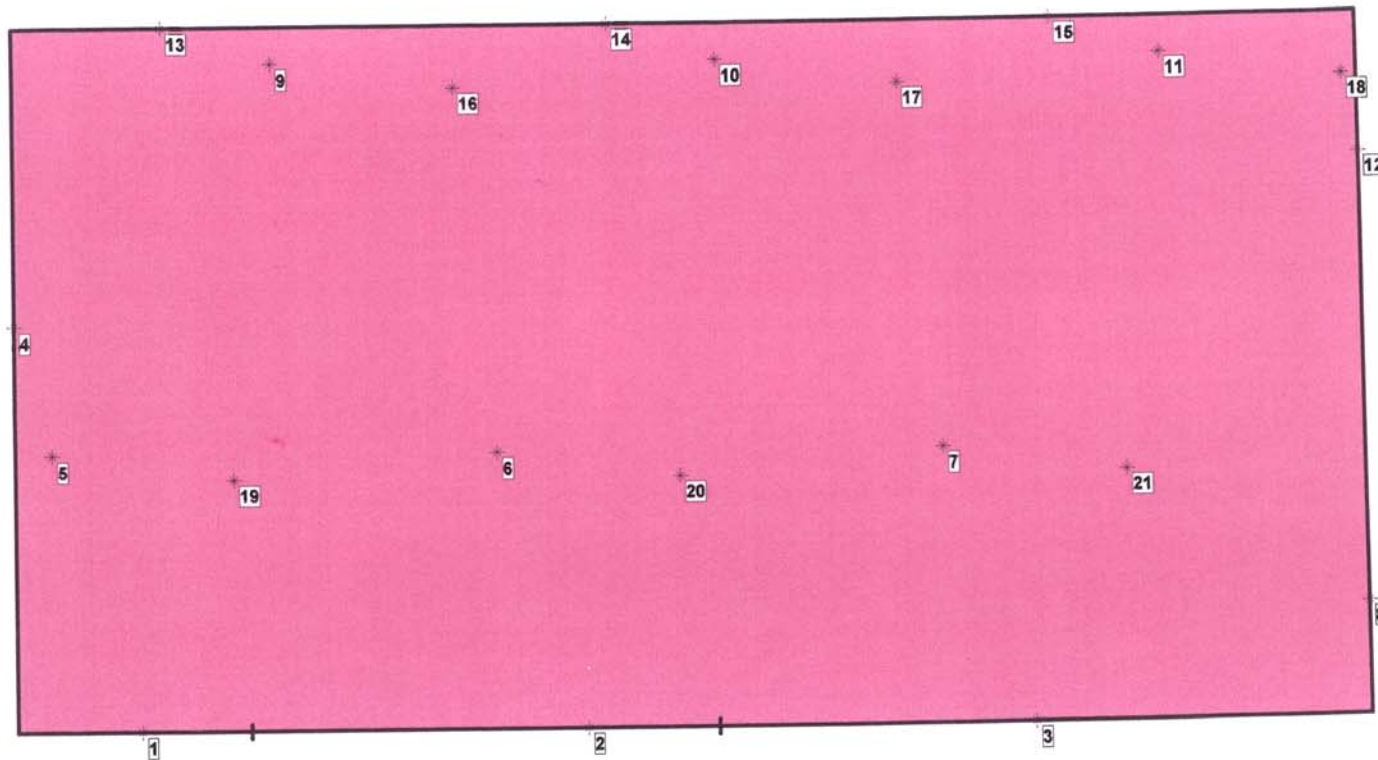
See Unfolded Room Layout for Wall & Ceiling Locations





VA Chicago Lakeside Campus - Final Status Survey
Lakeside Hospital Building - Survey Unit LS-6

1st Sub-Basement Level - Room 10A
MARSSIM Class 1
Triangular Grid Spacing - 9.3 feet over floor, walls, & ceiling



See Attached Room Layout for Point Locations on Walls & Ceiling

Survey Unit: LS-6 – 1st Sub-Basement, Room 10A



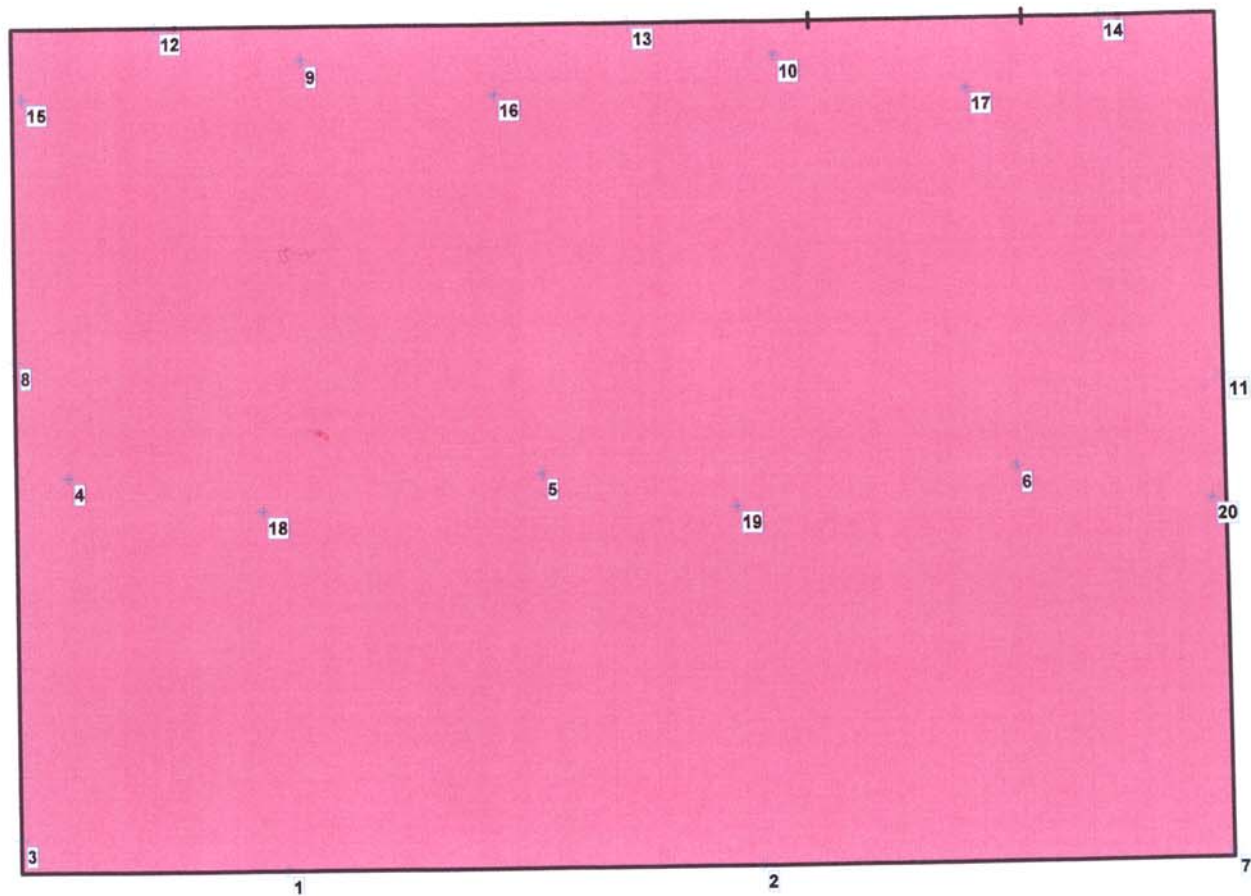
VA Chicago Lakeside Campus - Final Status Survey

Lakeside Hospital Building - Survey Unit LS-7

1st Sub-Basement Level - Room 13

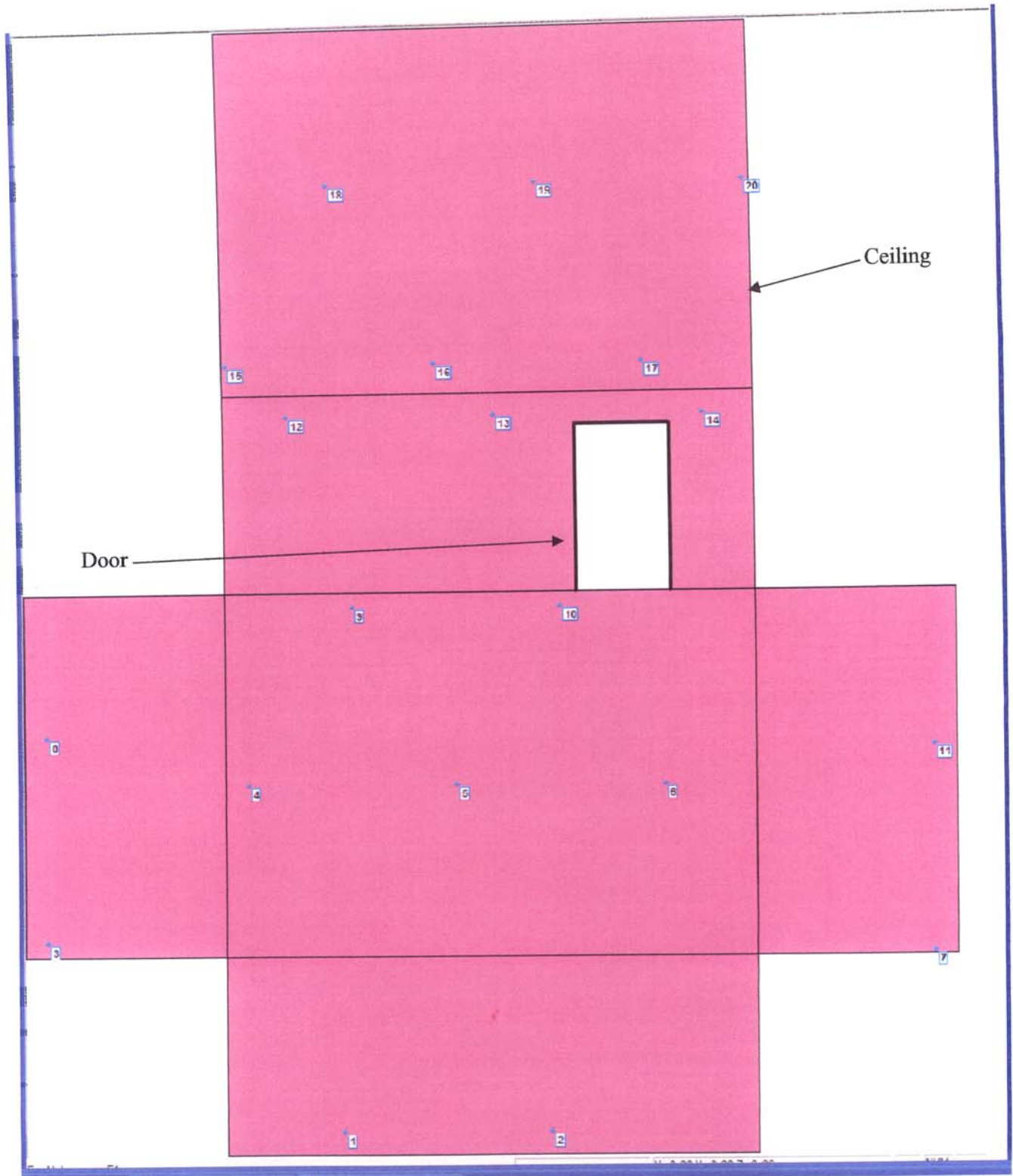
MARSSIM Class 1

Triangular Grid Spacing - 8.3 feet over floor, walls, & ceiling



See Attached Room Layout for Point Locations on Walls & Ceiling

Survey Unit: LS-7 – 1st Sub-Basement, Room 13

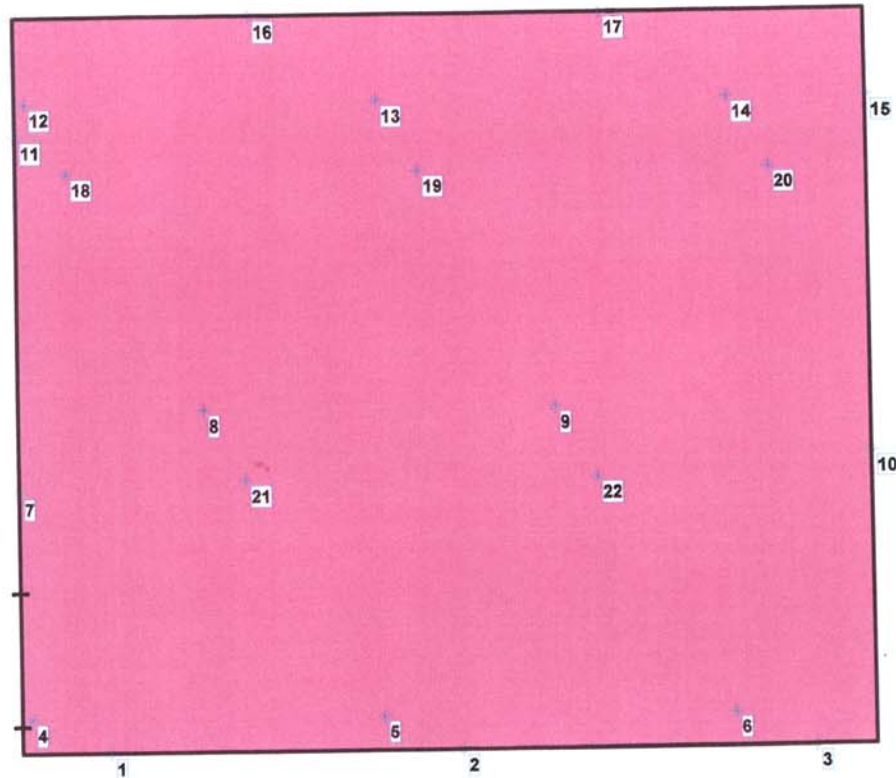


VA Chicago Lakeside Campus - Final Status Survey
Lakeside Hospital Building - Survey Unit LS-8

1st Sub-Basement Level - Room 12A

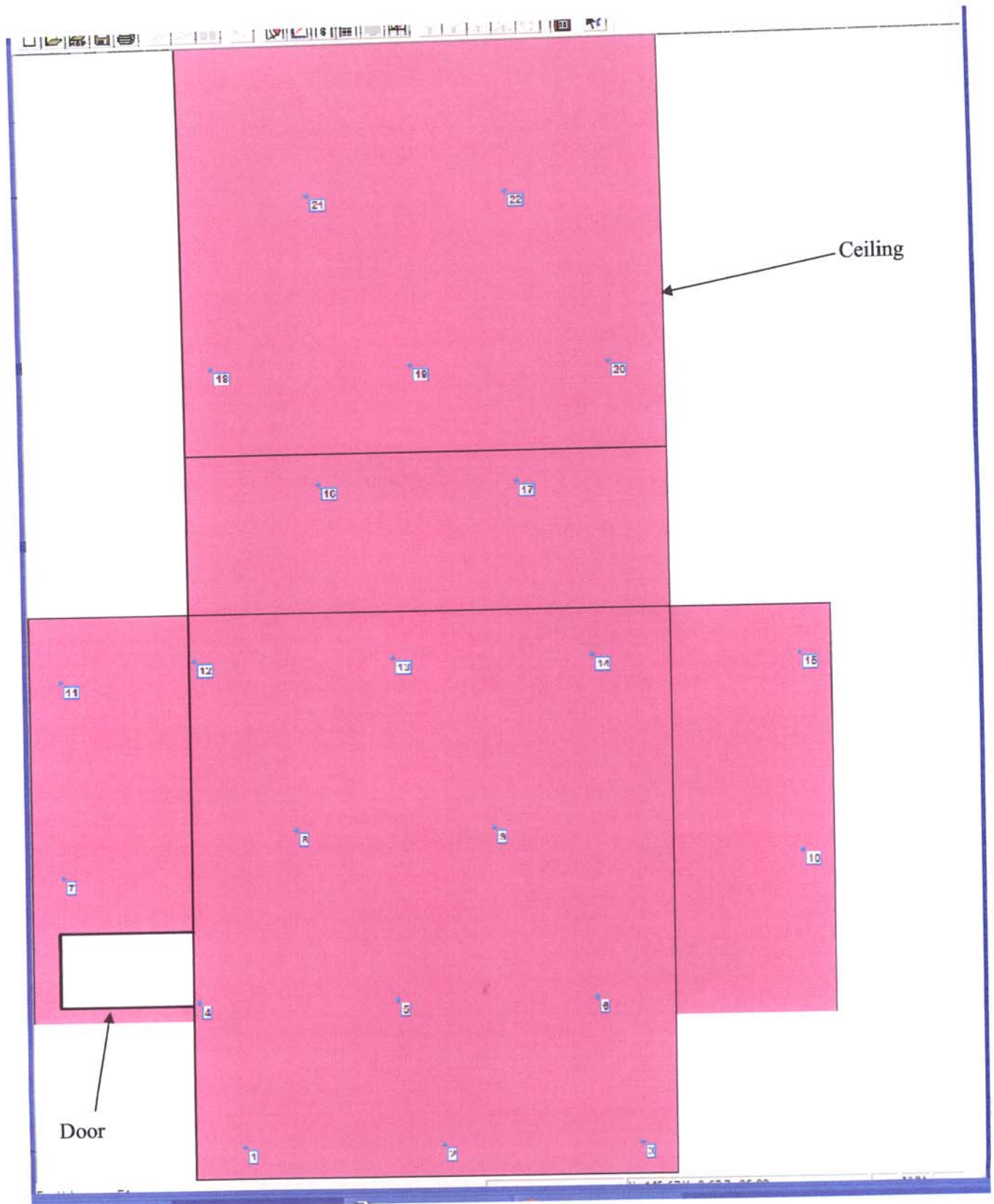
MARSSIM Class 1

Triangular Grid Spacing - 9.9 feet over floor, walls, & ceiling



See Attached Room Layout for Point Locations on Walls & Ceiling

Survey Unit: LS-8 – 1st Sub-Basement, Room 12A



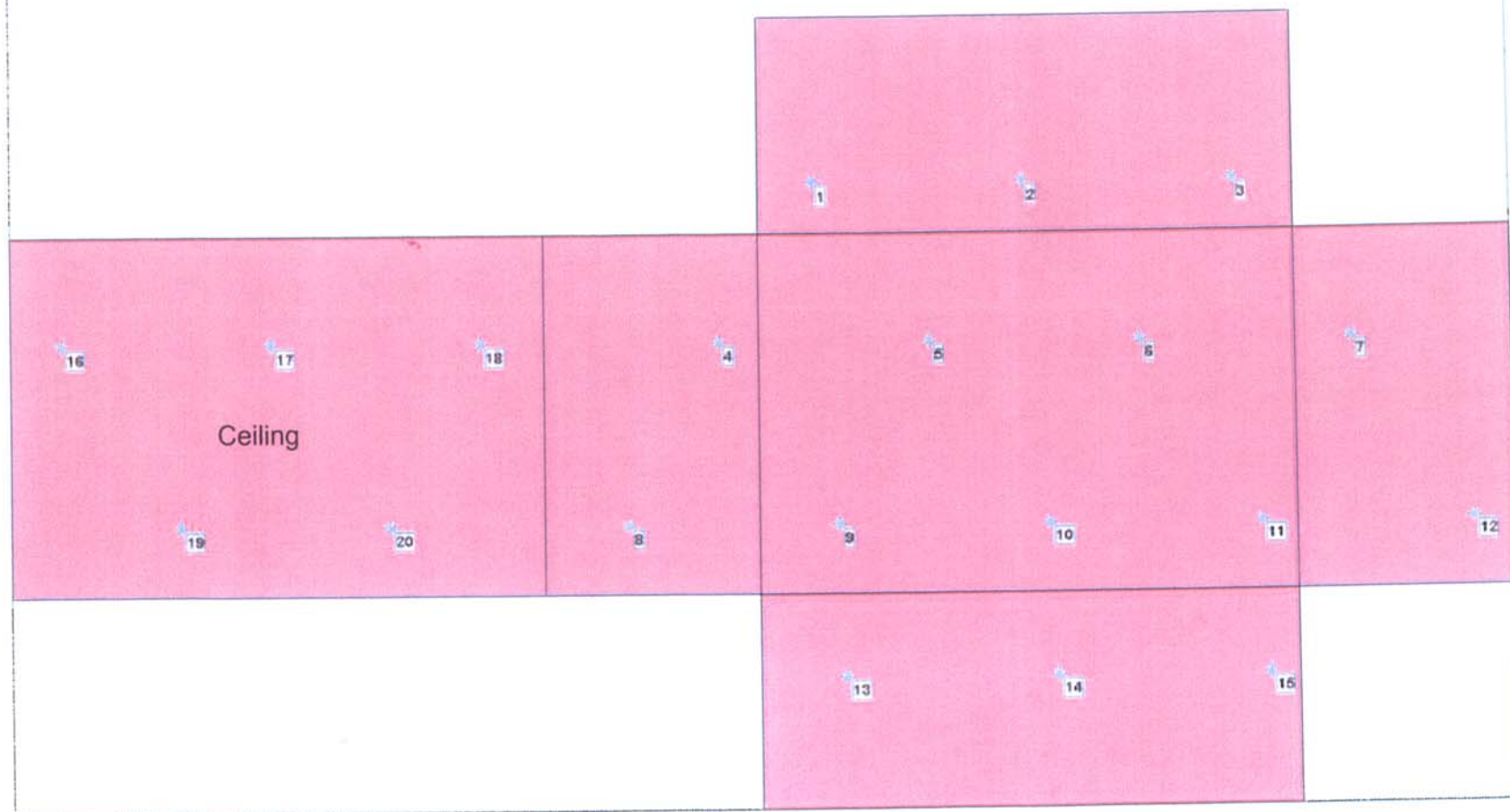
VA Chicago Lakeside Campus Final Status Survey

Lakeside Hospital Building - Survey Unit LS-20

1st SubBasement Level - Room 1SB-10B

Class 1

Grid Spacing = 5.9 ft.



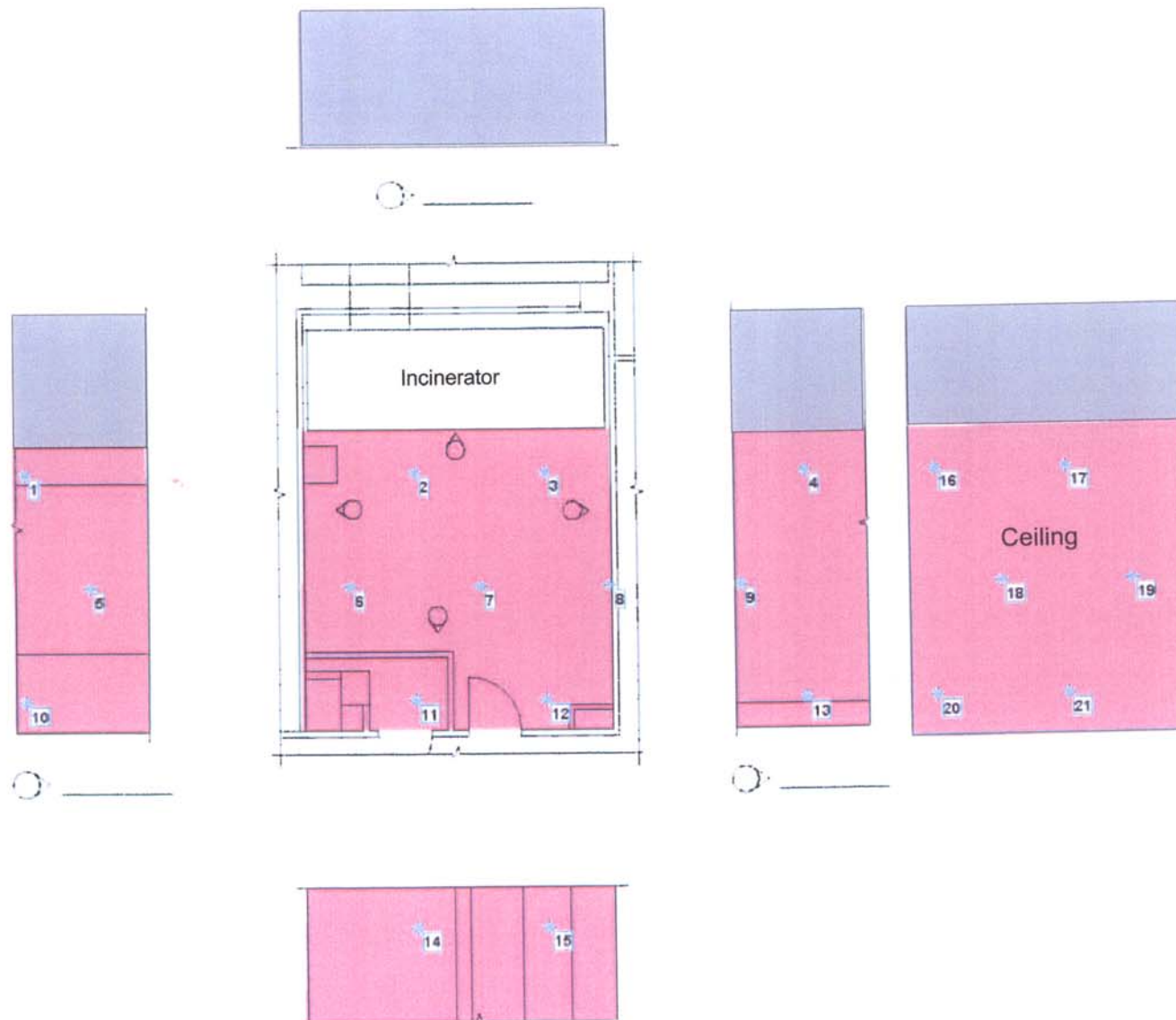
VA Chicago Lakeside Campus Final Status Survey

Lakeside Hospital Building - Survey Unit LS-21

1st SubBasement Level - Room 1SB-16

Class 1

Grid Spacing = 7.1 ft.





2ND FLOOR PLAN

SCALE: 1" = 25'



VA Chicago - Lakeside Campus Final Status Survey
Lakeside Hospital Building

TITLE

2nd Floor Survey Units

Legend:

1. Shaded Areas indicate boundaries of SU

2. SU numbers shown as XX-Y

Pink = MARSSIM Class 1

Yellow = MARSSIM Class 2

Green = MARSSIM Class 3

Drawn by: JJW

Date: 7/6/04

VA Chicago Lakeside Campus - Final Status Survey

Lakeside Hospital Building - Survey Unit LS-9

2nd Floor
MARSSIM Class 2
Triangular Grid Spacing - 15.4 feet



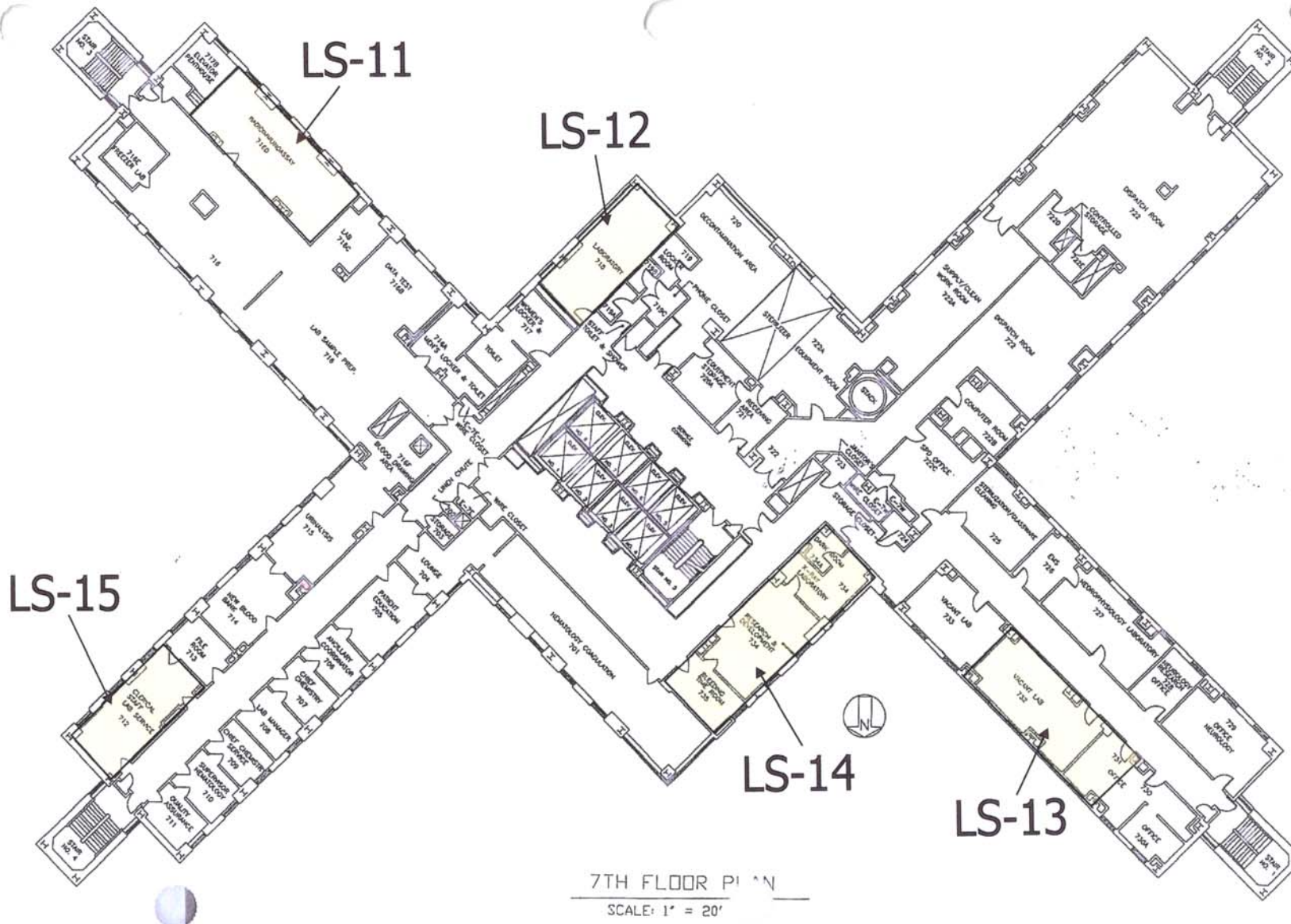
VA Chicago Lakeside Campus - Final Status Survey

Lakeside Hospital Building - Survey Unit LS-10

2nd Floor

MARSSIM Class 3





7TH FLOOR PLAN

SCALE: 1" = 20'



VA Chicago - Lakeside Campus Final Status Survey
Lakeside Hospital Building

TITLE

7th Floor Survey Units

Legend:

1. Shaded Areas indicate boundaries of SU

Pink = MARSSIM Class 1

Yellow = MARSSIM Class 2

Green = MARSSIM Class 3

2. SU numbers shown as XX-Y

Drawn by: JJW

Date: 7/6/04

VA Chicago Lakeside Campus - Final Status Survey
Lakeside Hospital Building - Survey Unit LS-11

7th Floor - Room 716D

MARSSIM Class 2

Triangular Grid Spacing - 5.9 feet



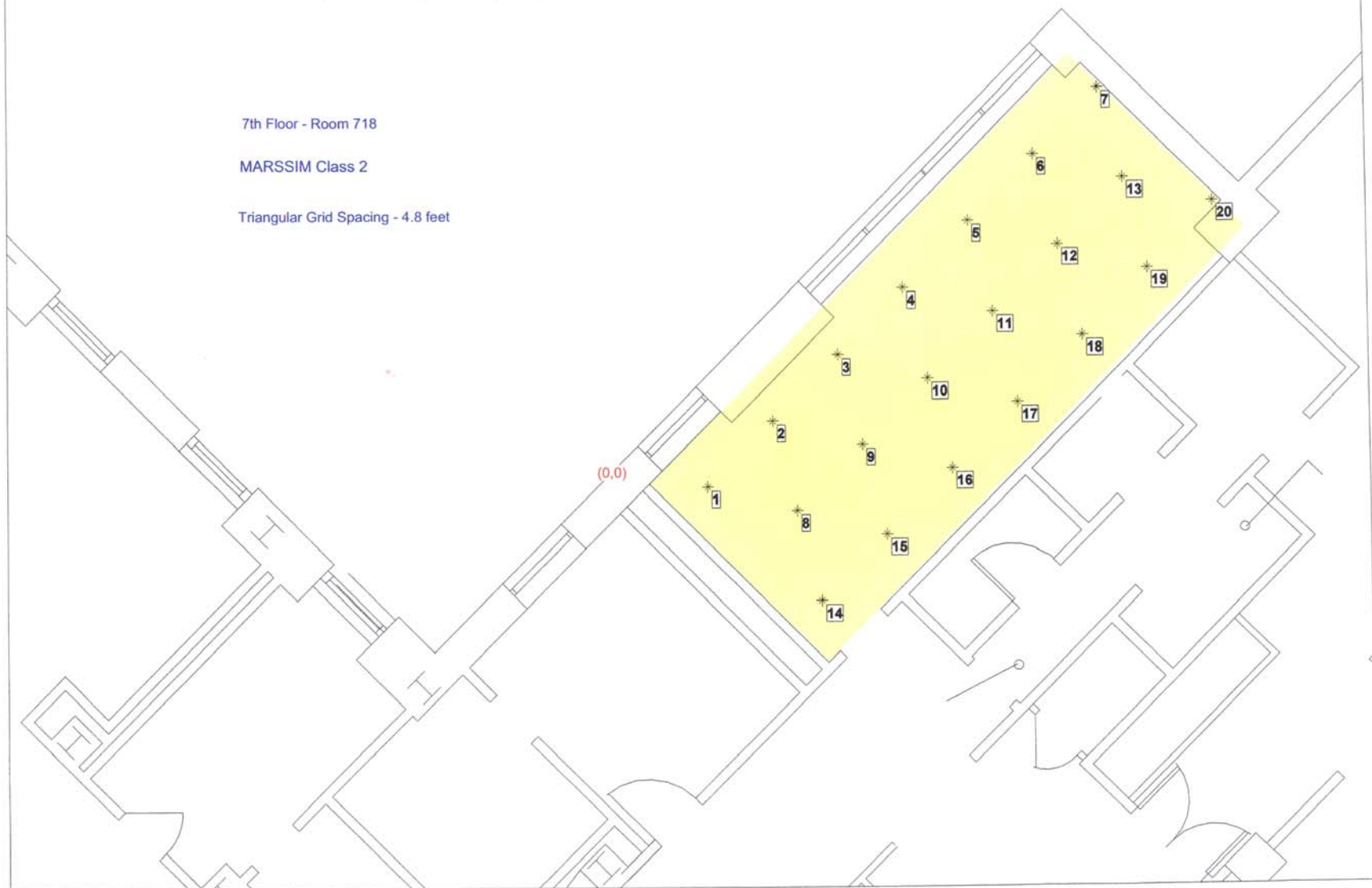
VA Chicago Lakeside Campus - Final Status Survey

Lakeside Hospital Building - Survey Unit LS-12

7th Floor - Room 718

MARSSIM Class 2

Triangular Grid Spacing - 4.8 feet



VA Chicago Lakeside Campus - Final Status Survey
Lakeside Hospital Building - Survey Unit LS-13

7th Floor - Rooms 731/732
MARSSIM Class 2
Triangular Grid Spacing - 5.9 feet

(0,0)

17

9

13

18

1

6

10

14

19

2

6

11

15

20

3

7

12

16

4

8



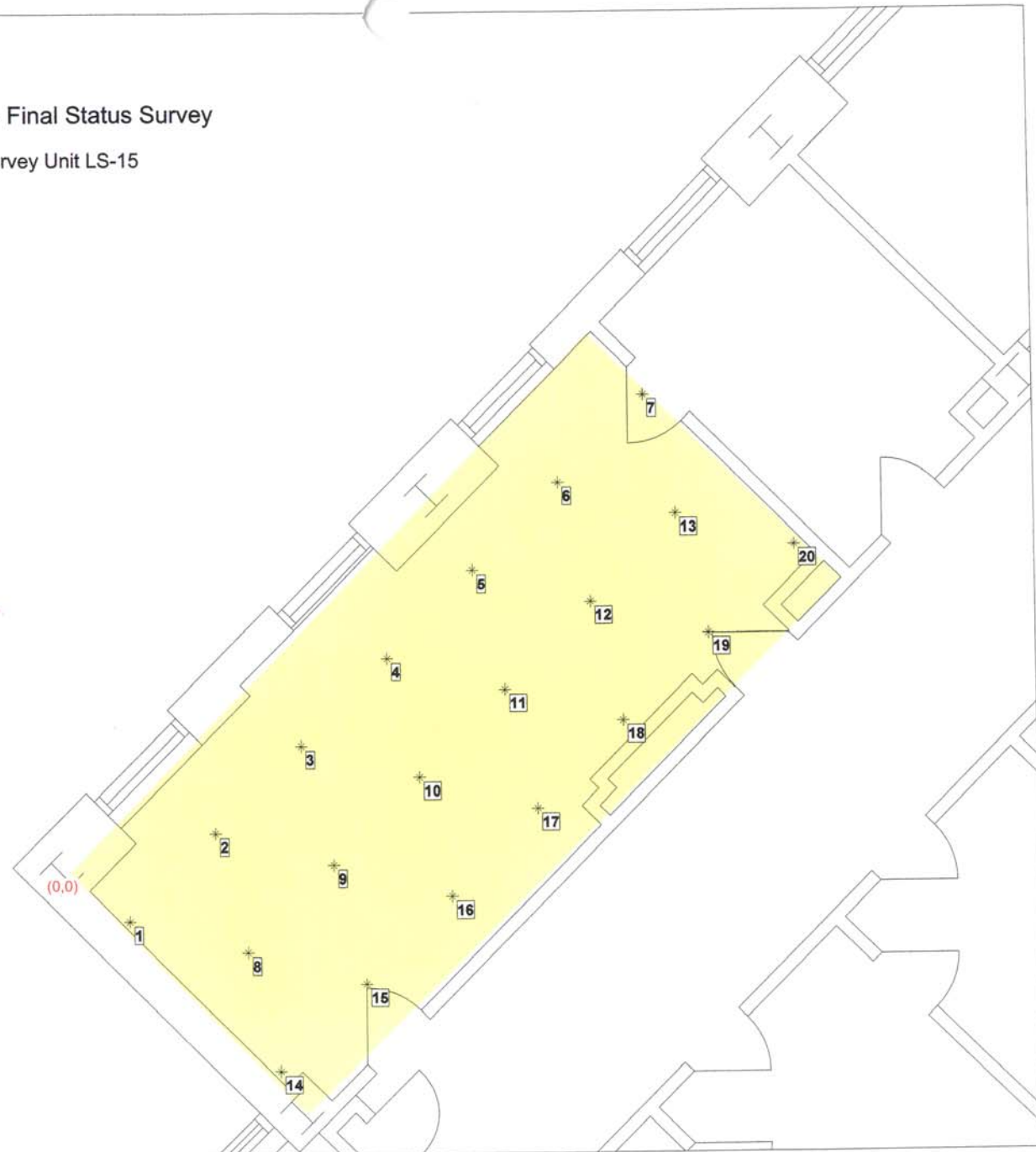
VA Chicago Lakeside Campus - Final Status Survey

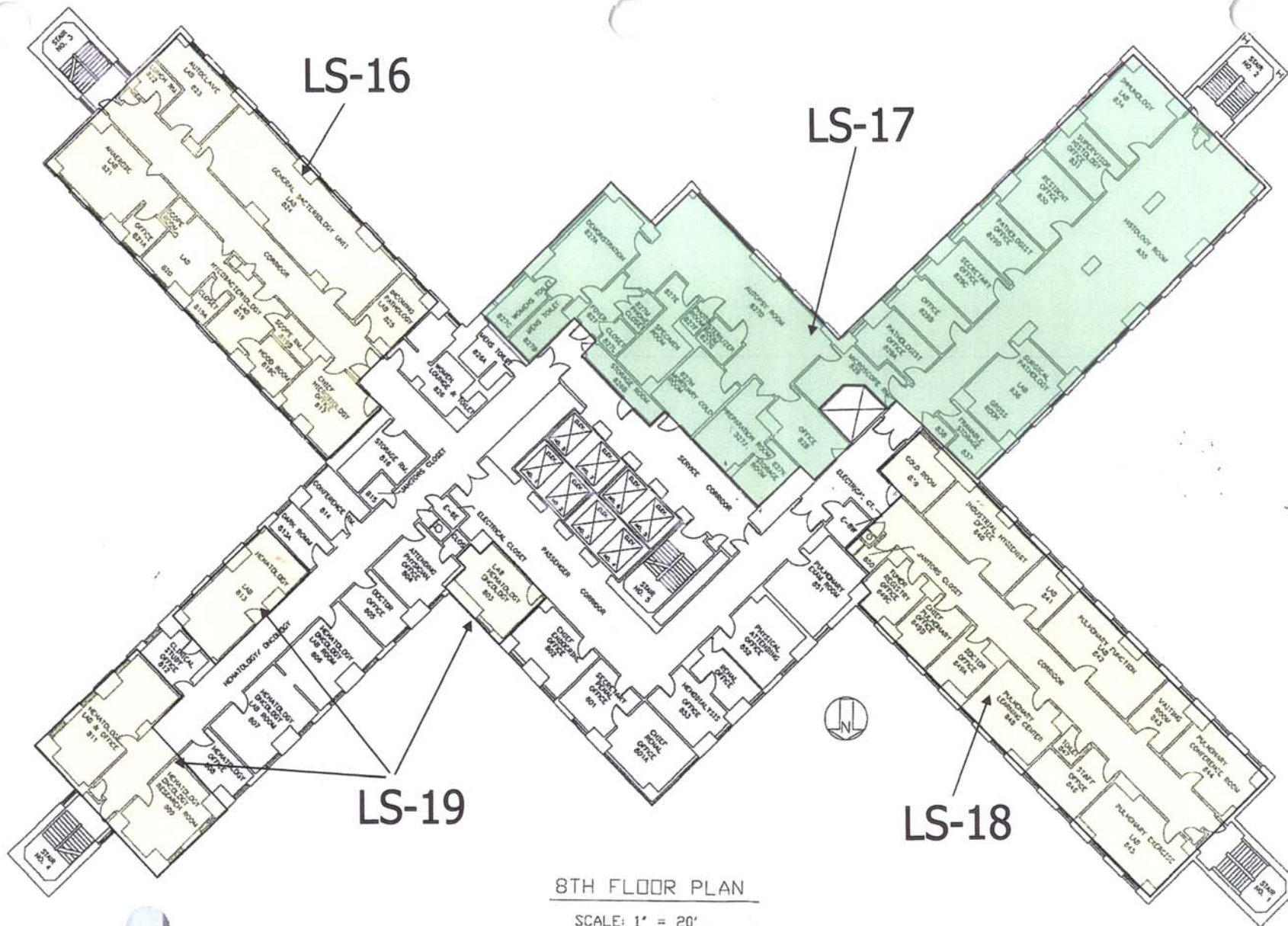
Lakeside Hospital Building - Survey Unit LS-15

7th Floor - Room 712

MARSSIM Class 2

Triangular Grid Spacing - 4.8 feet





VA Chicago - Lakeside Campus Final Status Survey
Lakeside Hospital Building

TITLE

8th Floor Survey Units

Legend:

1. Shaded Areas indicate boundaries of SU
 2. SU numbers shown as XX-Y
- Pink = MARSSIM Class 1
Yellow = MARSSIM Class 2
Green = MARSSIM Class 3

Drawn by: JJW

Date: 7/6/04

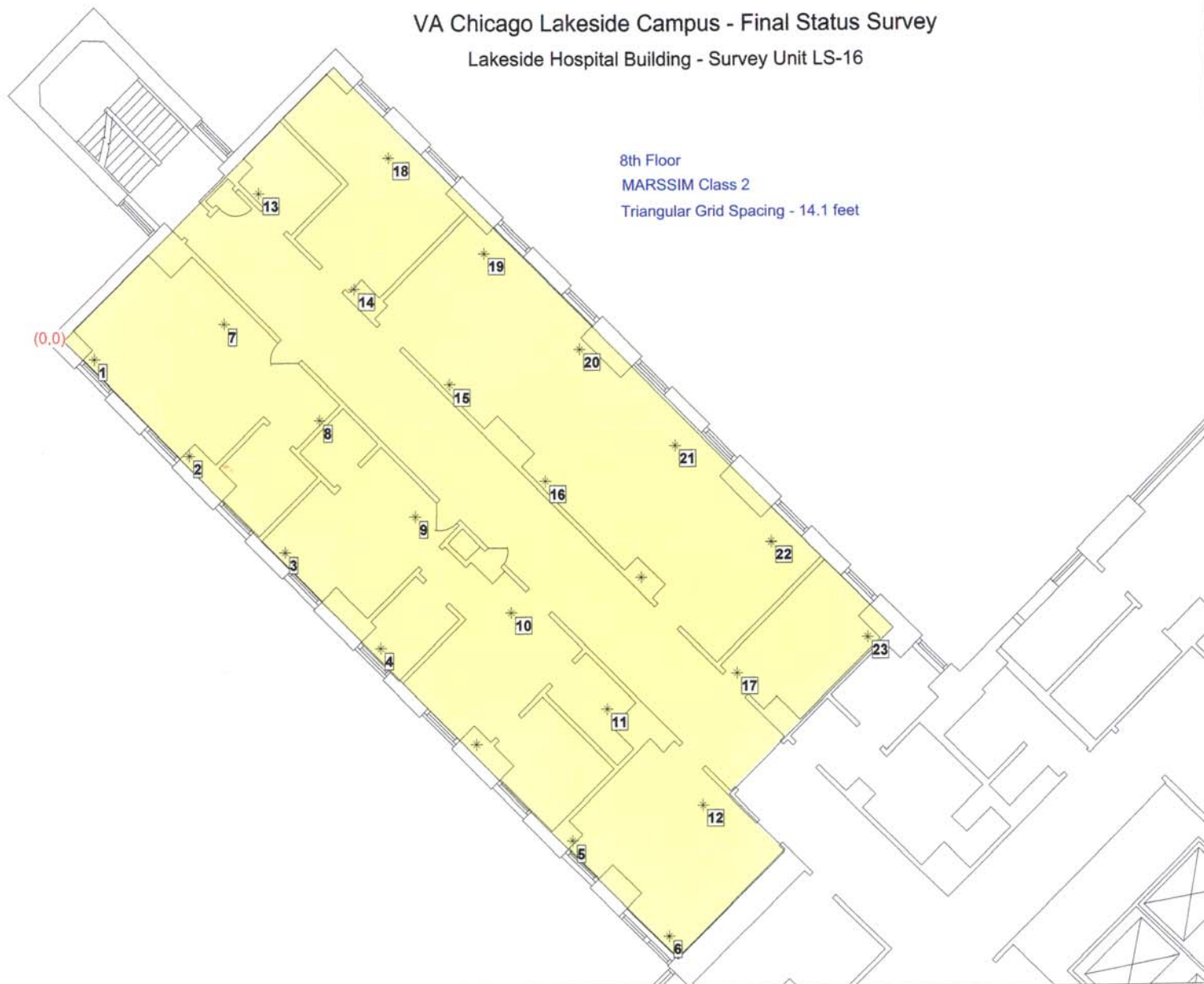
VA Chicago Lakeside Campus - Final Status Survey

Lakeside Hospital Building - Survey Unit LS-16

8th Floor

MARSSIM Class 2

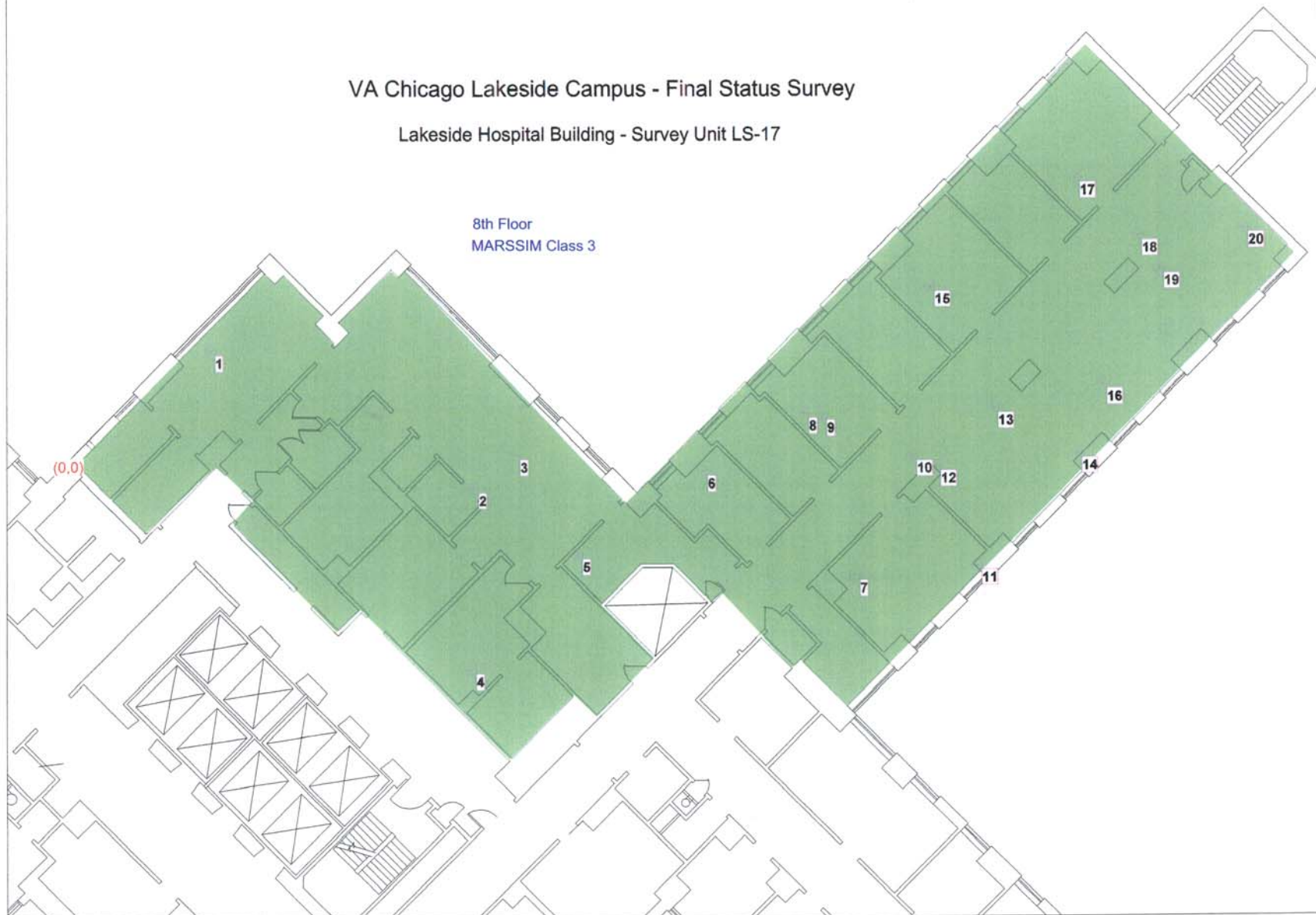
Triangular Grid Spacing - 14.1 feet



VA Chicago Lakeside Campus - Final Status Survey

Lakeside Hospital Building - Survey Unit LS-17

8th Floor
MARSSIM Class 3



VA Chicago Lakeside Campus - Final Status Survey
Lakeside Hospital Building - Survey Unit LS-18

8th Floor
MARSSIM Class 2
Triangular Grid Spacing - 14.7 feet

(0,0)

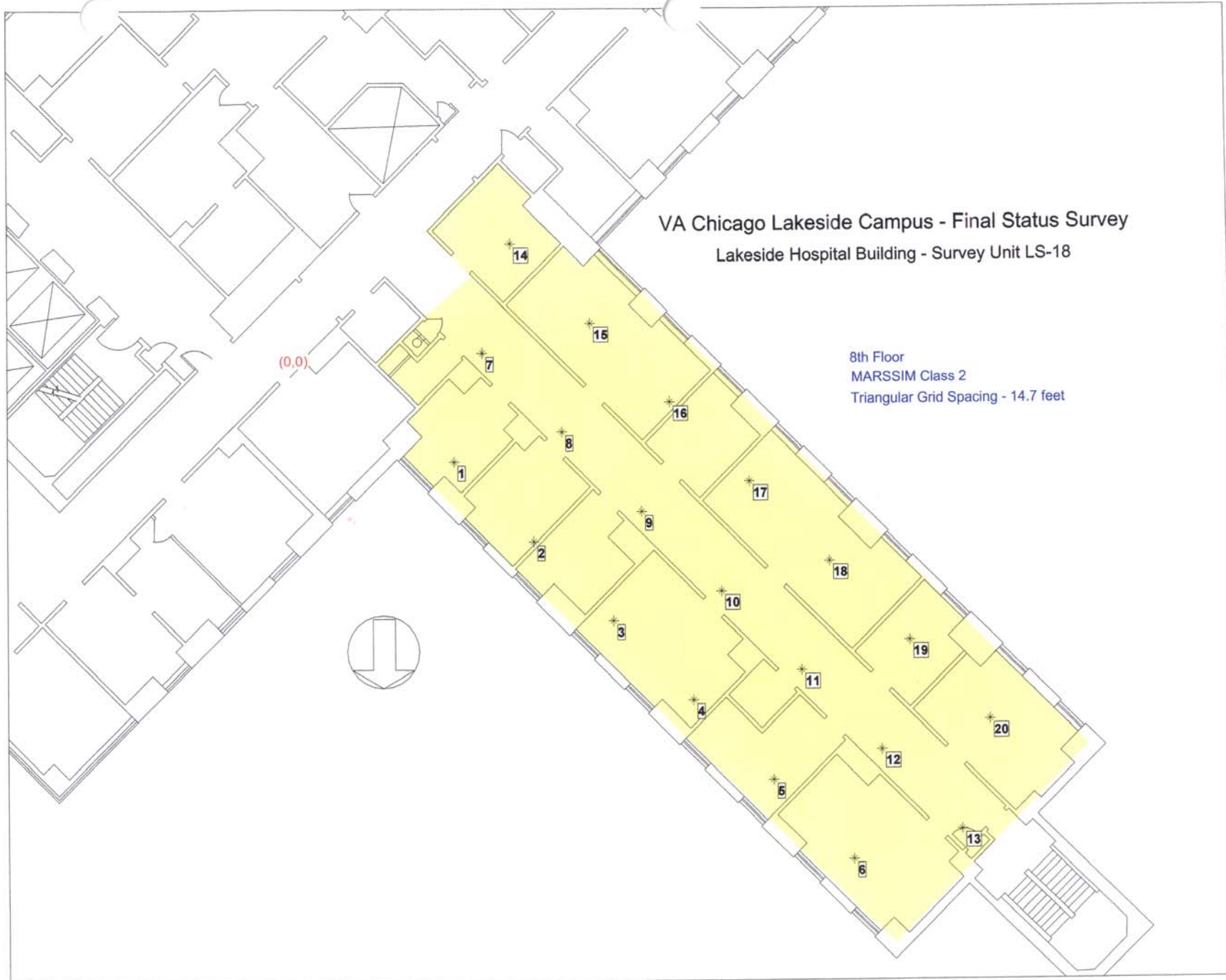
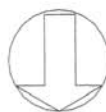




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APPENDIX A Lakeside Hospital Final Status Survey Unit Maps

VOLUME 2

| | |
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APPENDIX B

FSS Survey Data

SU Data Summaries
Room Survey Worksheets
Windowless Proportional Counter Results
LSC Results

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

Survey Date: 23-Jul-04
Survey Unit #: LS-1
Building: Lakeside Hospital
Floor: 2SB
FSS Floor Classification: 1
SU DCGLw (dpm/100cm²): 6.94E+03
SU Description: Location of old incinerator in boiler plant area.

| Instrument Number | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Total Efficiency ¹ | Probe Active Area (cm ²) |
|-------------------|------------------------|---------------|-----------|-------------------------------|--------------------------------------|
| 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-1.01 | S | 2a | F | C | 100 | 137.2 | -37.2 | -1.00E+03 | -1 |
| LS-1.02 | S | 2a | F | C | 107 | 137.2 | -30.2 | -8.12E+02 | -1 |
| LS-1.03 | S | 2a | F | C | 125 | 137.2 | -12.2 | -3.28E+02 | -1 |
| LS-1.04 | S | 2a | F | C | 104 | 137.2 | -33.2 | -8.92E+02 | -1 |
| LS-1.05 | S | 2a | F | C | 100 | 137.2 | -37.2 | -1.00E+03 | -1 |
| LS-1.06 | S | 1 | F | C | 114 | 137.2 | -23.2 | -5.77E+02 | -1 |
| LS-1.07 | S | 1 | F | C | 138 | 137.2 | 0.8 | 1.99E+01 | -1 |
| LS-1.08 | S | 1 | F | C | 143 | 137.2 | 5.8 | 1.44E+02 | -1 |
| LS-1.09 | S | 2a | F | C | 95 | 137.2 | -42.2 | -1.13E+03 | -1 |
| LS-1.10 | S | 2a | F | C | 114 | 137.2 | -23.2 | -6.24E+02 | -1 |
| LS-1.11 | S | 1 | F | C | 153 | 137.2 | 15.8 | 3.93E+02 | -1 |
| LS-1.12 | S | 1 | F | C | 119 | 137.2 | -18.2 | -4.53E+02 | -1 |
| LS-1.13 | S | 1 | F | C | 123 | 137.2 | -14.2 | -3.53E+02 | -1 |
| LS-1.14 | S | 1 | F | C | 136 | 137.2 | -1.2 | -2.99E+01 | -1 |
| LS-1.15 | S | 1 | F | C | 105 | 137.2 | -32.2 | -8.01E+02 | -1 |
| LS-1.16 | S | 1 | F | C | 148 | 137.2 | 10.8 | 2.69E+02 | -1 |
| LS-1.17 | S | 1 | F | C | 133 | 137.2 | -4.2 | -1.04E+02 | -1 |
| LS-1.18 | S | 1 | F | C | 102 | 137.2 | -35.2 | -8.76E+02 | -1 |
| LS-1.19 | S | 1 | F | C | 162 | 137.2 | 24.8 | 6.17E+02 | -1 |
| LS-1.20 | S | 1 | F | C | 99 | 137.2 | -38.2 | -9.50E+02 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Walls/Ceilings | 1 | (See Survey Worksheet Packages Attached) | |

NOTES:

- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = lower wall (< 2m) S = sink CT = countertop H = fume hood
- Surface Materials: C = Concrete
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLw, Sign = +1, Otherwise -1.

| | |
|-------------------------------------|-----------|
| Mean | -4.25E+02 |
| Median | -5.15E+02 |
| Range | 1.75E+03 |
| Std Dev (1 σ) | 5.26E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2^{SB} INC

☒ Floor Monitor [] Meter 1
[] Meter 2 Det. 1 [] Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor [] Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|--------|----------|------------------------------|--------|----------|----------|--------|----------|
| 1 | 393 | 6.9.04 | AC | 0.02 | 6/9/04 | NSH | 21 | 6/9/04 | NSH |
| 2 | 422 | | | 0.02 | | | 22 | | |
| 3 | 381 | | | 0.015 | | | 23 | | |
| 4 | 357 | | | 0.015 | | | 24 | | |
| 5 | 423 | | | 0.015 | | | 25 | | |
| 6 | 396 | | | 0.015 | | | 26 | | |
| 7 | 426 | | | 0.015 | | | 27 | | |
| 8 | 440 | | | 0.015 | | | 28 | | |
| 9 | 390 | | | 0.02 | | | 29 | | |
| 10 | 426 | | | 0.02 | | | 30 | | |
| 11 | 446 | | | 0.02 | | | 31 | | |
| 12 | 422 | | | 0.02 | | | 32 | | |
| 13 | 358 | | | 0.015 | | | 33 | | |
| 14 | 362 | | | 0.015 | | | 34 | | |
| 15 | 419 | | | 0.015 | | | 35 | | |
| 16 | 408 | | | 0.015 | | | 36 | | |
| 17 | 426 | | | 0.015 | | | 37 | | |
| 18 | 405 | | | 0.015 | | | 38 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2^{SB} INC

☒ Floor Monitor [] Meter 1
[] Meter 2 Det. 1 [] Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor [] Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|--------|----------|------------------------------|--------|----------|----------|--------|----------|
| 19 | 161 | 6.9.04 | AC | 0.015 | 6/9/04 | NSM | 39 | 6/9/04 | NSM |
| 20 | 431 | 6.9.04 | AC | 0.015 | | | 40 | | |
| 21 | 396 | | | 0.015 | | | 41 | | |
| 22 | 406 | | | 0.015 | | | 42 | | |
| 23 | 421 | | | 0.015 | | | 43 | | |
| 24 | 429 | | | 0.015 | | | 44 | | |
| 25 | 513 | | | 0.015 | | | 45 | | |
| 26 | 494 | | | 0.015 | | | 46 | | |
| 27 | 475 | | | 0.02 | | | 47 | | |
| 28 | 415 489 | | | 0.03 | | | 48 | | |
| 29 | 432 | | | 0.015 | | | 49 | | |
| 30 | 385 | | | 0.015 | | | 50 | | |
| 31 | 380 | | | 0.015 | | | 51 | | |
| 32 | 443 | | | 0.015 | | | 52 | | |
| 33 | 339 | | | 0.015 | | | 53 | | |
| 34 | 389 | | | 0.015 | | | 54 | | |
| 35 | 385 | | | 0.015 | | | 55 | | |
| 36 | 462 | ↓ | ↓ | 0.015 | ↓ | ↓ | 56 | ↓ | ↓ |

steril

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2^{SB} INC

☒ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|--------|----------|----------|--------|----------|
| 37 | 98 | 6.9.04 | AC | 0.03 | 6/9/04 | NSM | 57 | 6/9/04 | NSM |
| 38 | 142 | ↓ | ↓ | 0.02 | ↓ | ↓ | 58 | ↓ | ↓ |
| 39 | 153 | ↓ | ↓ | 0.02 | ↓ | ↓ | 59 | ↓ | ↓ |
| 40 | 387 | 6.9.04 | AC | 0.015 | ↓ | ↓ | 60 | ↓ | ↓ |
| 41 | 165 | ↓ | ↓ | 0.015 | ↓ | ↓ | 61 | ↓ | ↓ |
| 42 | 139 | ↓ | ↓ | 0.015 | ↓ | ↓ | 62 | ↓ | ↓ |
| 43 | 177 | ↓ | ↓ | 0.015 | ↓ | ↓ | 63 | ↓ | ↓ |
| 44 | 108 | ↓ | ↓ | 0.015 | ↓ | ↓ | 64 | ↓ | ↓ |
| 45 | 93 | ↓ | ↓ | 0.02 | ↓ | ↓ | 65 | ↓ | ↓ |
| 46 | 428 | 6.9.04 | AC | 0.02 | ↓ | ↓ | 66 | ↓ | ↓ |
| | | | | | | | | | |
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steril

steril

Survey Worksheet

walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 2^{SB} INC

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|---|--|--------|----------|------------------------------|------|----------|----------|--------|----------|--|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 47 | 325 | 6.9.04 | AC | X | | | 67 | 6/9/04 | AKSH | |
| 48 | 313 | | | | | | | 68 | | |
| 49 | 298 | | | | | | | 69 | | |
| 50 | 320 | | | | | | | 70 | | |
| 51 | 340 | | | | | | | 71 | | |
| 52 | 352 | | | | | | | 72 | | |
| 53 | 198 | | | | | | | 73 | | |
| 54 | 170 | | | | | | | 74 | | |
| 55 | 162 | | | | | | | 75 | | |
| 56 | 155 | | | | | | | 76 | | |
| 57 | 170 | | | | | | | 77 | | |
| 58 | 148 | | | | | | | 78 | | |
| 59 | 130 | | | | | | | 79 | | |
| 60 | 129 | | | | | | | 80 | | |
| 61 | 119 | | | | | | | 81 | | |
| 62 | 125 | | | | | | | 82 | | |
| 63 | 118 | | | | | | | 83 | | |
| 64 | 136 | | | | | | 84 | | | |
| 65 | 121 | | | | | | 85 | | | |
| 66 | 144 | | | | | | 86 | | | |

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

| Survey Date: | 23-Jul-04 | Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Instrument Efficiency (4-pi) | Probe Active Area (cm ²) |
|-------------------------------------|---|------------|------------------------|---------------|-----------|------------------------------|--------------------------------------|
| Survey Unit #: | LS-2 | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| Building: | Lakeside Hospital | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| Floor: | 2SB | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| FSS Floor Classification: | 1 | F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |
| SU DCGLw (dpm/100cm ²): | 6.94E+03 | | | | | | |
| SU Description: | Room 7A. Former radioactive waste storage location. | | | | | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-2.01 | S | 1 | W | PL | 100 | 124.4 | -24.4 | -6.07E+02 | -1 |
| LS-2.02 | S | 1 | W | PL | 114 | 124.4 | -10.4 | -2.59E+02 | -1 |
| LS-2.03 | S | 1 | W | PL | 108 | 124.4 | -16.4 | -4.08E+02 | -1 |
| LS-2.04 | S | 2a | F | T | 144 | 120.8 | 23.2 | 6.24E+02 | -1 |
| LS-2.05 | S | 1 | F | T | 163 | 120.8 | 42.2 | 1.05E+03 | -1 |
| LS-2.06 | S | 1 | W | PL | 106 | 124.4 | -18.4 | -4.58E+02 | -1 |
| LS-2.07 | S | 1 | W | PL | 92 | 124.4 | -32.4 | -8.06E+02 | -1 |
| LS-2.08 | S | 1 | F | T | 97 | 120.8 | -23.8 | -5.92E+02 | -1 |
| LS-2.09 | S | 1 | F | T | 130 | 120.8 | 9.2 | 2.29E+02 | -1 |
| LS-2.10 | S | 1 | F | T | 130 | 120.8 | 9.2 | 2.29E+02 | -1 |
| LS-2.11 | S | 1 | W | PL | 92 | 124.4 | -32.4 | -8.06E+02 | -1 |
| LS-2.12 | S | 1 | F | T | 110 | 120.8 | -10.8 | -2.69E+02 | -1 |
| LS-2.13 | S | 1 | F | T | 118 | 120.8 | -2.8 | -6.97E+01 | -1 |
| LS-2.14 | S | 1 | W | PL | 109 | 124.4 | -15.4 | -3.83E+02 | -1 |
| LS-2.15 | S | 1 | W | PL | 116 | 124.4 | -8.4 | -2.09E+02 | -1 |
| LS-2.16 | S | 1 | W | PL | 131 | 124.4 | 6.6 | 1.64E+02 | -1 |
| LS-2.17 | S | 2a | C | ACT | 139 | 217.4 | -78.4 | -2.11E+03 | -1 |
| LS-2.18 | S | 2a | C | ACT | 148 | 217.4 | -69.4 | -1.87E+03 | -1 |
| LS-2.19 | S | 2a | C | ACT | 129 | 217.4 | -88.4 | -2.38E+03 | -1 |
| LS-2.20 | S | 2a | C | ACT | 179 | 217.4 | -38.4 | -1.03E+03 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Walls/Ceilings | 1 | (See Survey Worksheet Packages Attached) | |

| Mean | -4.98E+02 |
|---------------------------------|-----------|
| Median | -3.96E+02 |
| Range | 3.43E+03 |
| Std Dev (1 σ) | 8.59E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

NOTES:

- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = Wall C = Ceiling
- Surface Materials: PL = Plaster, T = Terrazzo Flooring, ACT = Acoustic Ceiling Tiles
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLw, Sign = +1, Otherwise -1.

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|--|
| 69 | 71 | 73 | 75 | 77 | 79 | 81 | 83 | 85 | |
| 70 | 72 | 74 | 76 | 78 | 80 | 82 | 84 | 86 | |

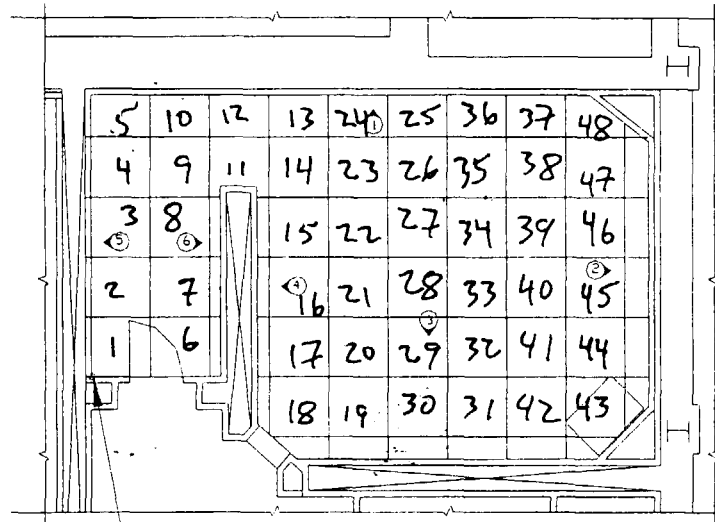
① ELEVATION

| | |
|----|----|
| 65 | 69 |
| 75 | 85 |
| 55 | 95 |
| 53 | 54 |
| 51 | 52 |

| | |
|-----|-----|
| | |
| 114 | 115 |
| 112 | 113 |
| 110 | 111 |
| 109 | |

⑤ ELEVATION

④ ELEVATION



START GRID HERE

ROOM 2SB07A

| | |
|----|----|
| 87 | 88 |
| 90 | 89 |
| 92 | 91 |
| 94 | 93 |
| 96 | 95 |
| 98 | 97 |

② ELEVATION

| | |
|----|----|
| | |
| 68 | 67 |
| 69 | 65 |
| 64 | 63 |

⑥ ELEVATION

| | | | | | | | | |
|----|----|-----|-----|-----|-----|-----|-----|-----|
| 05 | 29 | 211 | | 801 | 901 | 401 | 201 | 001 |
| 66 | 19 | 911 | 601 | 201 | 501 | 301 | 101 | 66 |

③ ELEVATION

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2SB7

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|--------|----------|------------------------|--------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 1 | 426 | 6.1.04 | AC | 0.01 | 6/1/04 | YH | 66 | 6/1/04 | dc |
| 2 | 415 | | | 0.01 | | | 67 | | |
| 3 | 424 | | | 0.015 | | | 68 | | |
| 4 | 402 | | | 0.01 | | | 69 | | |
| 5 | 432 | | | 0.01 | | | 70 | | |
| 6 | 440 | | | 0.015 | | | 71 | | |
| 7 | 428 | | | 0.01 | | | 72 | | |
| 8 | 397 | | | 0.01 | | | 73 | | |
| 9 | 468 | | | 0.015 | | | 74 | | |
| 10 | 446 | | | 0.015 | | | 75 | | |
| 11 | 412 | | | 0.005 | | | 76 | | |
| 12 | 475 | | | 0.005 | | | 77 | | |
| 13 | 443 | | | 0.005 | | | 78 | | |
| 14 | 446 446 | | | 0.01 | | | 79 | | |
| 15 | 434 | | | 0.005 | | | 80 | | |
| 16 | 418 | | | 0.015 | | | 81 | | |
| 17 | 441 | | | 0.005 | | | 82 | | |
| 18 | 385 | | | 0.005 | | | 83 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2SB7

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|----------|----------|------------------------------|--------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 19 | 463 | 6, 1. 04 | AC | 0.01 | 6/1/04 | 4H | 84 | 6/1/04 | AL |
| 20 | 412 | | | 0.01 | | | 85 | | |
| 21 | 403 | | | 0.005 | | | 86 | | |
| 22 | 447 | | | 0.005 | | | 87 | | |
| 23 | 416 | | | 0.01 | | | 88 | | |
| 24 | 399 | | | 0.01 | | | 89 | | |
| 25 | 478 | | | 0.015 | | | 90 | | |
| 26 | 389 | | | 0.005 | | | 91 | | |
| 27 | 438 | | | 0.015 | | | 92 | | |
| 28 | 400 | | | 0.01 | | | 93 | | |
| 29 | 389 | | | 0.01 | | | 94 | | |
| 30 | 421 | | | 0.01 | | | 95 | | |
| 31 | 508 | | | 0.01 | | | 96 | | |
| 32 | 547 | | | 0.01 | | | 97 | | |
| 33 | 474 | | | 0.015 | | | 98 | | |
| 34 | 436 | | | 0.01 | | | 99 | | |
| 35 | 413 | | | 0.01 | | | 100 | | |
| 36 | 472 | ↓ | ↓ | 0.02 | ↓ | ↓ | 36 | ↓ | ↓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 2SB7

[illegible]

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital☐ MSBRoom 2587

| <input type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 2 Det. 1 | | | | <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 2 | | Meter 4 | | | | |
|---|--|--------|----------|--|------|----------|----------|--------|----------|--|
| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 49 | 116 | 6/1/04 | UL | | | | 49 | 6/1/04 | AC | |
| 50 | 106 | | | | | | 50 | | | |
| 51 | 112 | | | | | | 51 | | | |
| 52 | 126 | | | | | | 52 | | | |
| 53 | 131 | | | | | | 53 | | | |
| 54 | 119 | | | | | | 54 | | | |
| 55 | 130 | | | | | | 55 | | | |
| 56 | 111 | | | | | | 56 | | | |
| 57 | 128 | | | | | | 57 | | | |
| 58 | 123 | | | | | | 58 | | | |
| 59 | 114 | | | | | | 59 | | | |
| 60 | 152 | | | | | | 60 | | | |
| 61 | 111 | | | | | | 61 | | | |
| 62 | 104 | | | | | | 62 | | | |
| 63 | 133 | | | | | | 63 | | | |
| 64 | 126 | | | | | | 64 | | | |
| 65 | 140 | | | | | | 65 | | | |
| 66 | 118 | | | | | | 66 | | | |

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital☐ MSBRoom 2SB7

| <input type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 2 Det. 1 | | <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 2 | | Meter 4 | | | | | |
|---|--|--|----------|------------------------|------|----------|----------|--------|----------|
| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 67 | 129 | 6/1/04 | KU | | | | 67 | 6/1/04 | AE |
| 68 | 108 | | | | | | 68 | | |
| 69 | 144 | | | | | | 69 | | |
| 70 | 120 | | | | | | 70 | | |
| 71 | 111 | | | | | | 71 | | |
| 72 | 128 | | | | | | 72 | | |
| 73 | 138 | | | | | | 73 | | |
| 74 | 165 | | | | | | 74 | | |
| 75 | 113 | | | | | | 75 | | |
| 76 | 126 | | | | | | 76 | | |
| 77 | 106 | | | | | | 77 | | |
| 78 | 100 | | | | | | 78 | | |
| 79 | 135 | | | | | | 79 | | |
| 80 | 151 | | | | | | 80 | | |
| 81 | 143 | | | | | | 81 | | |
| 82 | 144 | | | | | | 82 | | |
| 83 | 124 | | | | | | 83 | | |
| 84 | 113 | | | | | | 84 | | |

WALKS

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2SB7

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 85 | 113 | 6/11/04 | WJL | | | | 85 | 6/11/04 | Ac |
| 86 | 131 | | | | | | 86 | | |
| 87 | 110 | | | | | | 87 | | |
| 88 | 93 | | | | | | 88 | | |
| 89 | 109 | | | | | | 89 | | |
| 90 | 101 | | | | | | 90 | | |
| 91 | 107 | | | | | | 91 | | |
| 92 | 129 | | | | | | 92 | | |
| 93 | 157 | | | | | | 93 | | |
| 94 | 127 | | | | | | 94 | | |
| 95 | 107 | | | | | | 95 | | |
| 96 | 106 | | | | | | 96 | | |
| 97 | 111 | | | | | | 97 | | |
| 98 | 104 | | | | | | 98 | | |
| 99 | 114 | | | | | | 99 | | |
| 100 | 138 | | | | | | 100 | | ↓ |
| 101 | 111 | | | | | | 24 | | NSH |
| 102 | 115 | | | | | | 25 | | ↓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2S87

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input checked="" type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|--------|----------|------------------------------|------|----------|----------|--------|----------|
| 103 | 104 | 6/1/04 | NSH | | | | 26 | 6/1/04 | NSH |
| 104 | 115 | | | | | | 27 | | |
| 105 | 94 | | | | | | 28 | | |
| 106 | 117 | | | | | | 29 | | |
| 107 | 101 | | | | | | 30 | | |
| 108 | 98 | | | | | | 31 | | |
| 109 | 121 | | | | | | 32 | | |
| 110 | 107 | | | | | | 33 | | |
| 111 | 100 | | | | | | 34 | | |
| 112 | 101 | | | | | | 35 | | |
| 113 | 106 | | | | | | 36 | | |
| 114 | 118 | | | | | | 37 | | |
| 115 | 110 | | | | | | 38 | | |
| 116 | 116 | | | | | | 39 | | |
| 117 | 103 | | | | | | 40 | | |
| 118 | 93 | | | | | | 41 | | |
| 119 | 101 | | | | | | 42 | | |
| 120 | 96 | | | | | | 43 | | |
| 121 | 111 | | | | | | 44 | | |
| 122 | 120 | | | | | | 45 | | |

surface
→

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

Chicago - Lakeside Hospital Final Status Survey

| | | | | | Probe Active | | |
|-------------------------------------|---|------------|------------------------|---------------|--------------|-------------------------------|-------------------------|
| | | Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Total Efficiency ¹ | Area (cm ²) |
| Survey Date: | 23-Jul-04 | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| Survey Unit #: | LS-3 | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| Building: | Lakeside Hospital | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| Floor: | 2SB | F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |
| FSS Floor Classification: | 2 | | | | | | |
| SU DCGLw (dpm/100cm ²): | 6.94E+03 | | | | | | |
| SU Description: | Former accelerator and ortho-voltage treatment rooms. Rooms 2SB-04 through -08 plus corridor. | | | | | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-3.01 | S | 1 | F | VT | 110 | 122.4 | -12.4 | -3.08E+02 | -1 |
| LS-3.02 | S | 1 | W | C | 157 | 137.2 | 19.8 | 4.93E+02 | -1 |
| LS-3.03 | S | 1 | F | T | 102 | 120.8 | -18.8 | -4.68E+02 | -1 |
| LS-3.04 | S | 1 | F | VT | 98 | 122.4 | -24.4 | -6.07E+02 | -1 |
| LS-3.05 | S | 1 | F | T | 127 | 120.8 | 6.2 | 1.54E+02 | -1 |
| LS-3.06 | S | 1 | F | VT | 100 | 122.4 | -22.4 | -5.57E+02 | -1 |
| LS-3.07 | S | 1 | F | T | 81 | 120.8 | -39.8 | -9.90E+02 | -1 |
| LS-3.08 | S | 1 | F | VT | 110 | 122.4 | -12.4 | -3.08E+02 | -1 |
| LS-3.09 | S | 1 | F | VT | 103 | 122.4 | -19.4 | -4.83E+02 | -1 |
| LS-3.10 | S | 1 | F | VT | 111 | 122.4 | -11.4 | -2.84E+02 | -1 |
| LS-3.11 | S | 1 | F | VT | 101 | 122.4 | -21.4 | -5.32E+02 | -1 |
| LS-3.12 | S | 1 | F | T | 99 | 120.8 | -21.8 | -5.42E+02 | -1 |
| LS-3.13 | S | 1 | F | T | 86 | 120.8 | -34.8 | -8.66E+02 | -1 |
| LS-3.14 | S | 1 | F | VT | 112 | 122.4 | -10.4 | -2.59E+02 | -1 |
| LS-3.15 | S | 1 | F | T | 153 | 120.8 | 32.2 | 8.01E+02 | -1 |
| LS-3.16 | S | 1 | CT | O | 90 | 96.6 | -6.6 | -1.64E+02 | -1 |
| LS-3.17 | S | 1 | F | T | 92 | 120.8 | -28.8 | -7.16E+02 | -1 |
| LS-3.18 | S | 1 | F | T | 127 | 120.8 | 6.2 | 1.54E+02 | -1 |
| LS-3.19 | S | 1 | F | VT | 96 | 122.4 | -26.4 | -6.57E+02 | -1 |
| LS-3.20 | S | 1 | F | T | 121 | 120.8 | 0.2 | 4.98E+00 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Lower Walls | 1 | (See Survey Worksheet Packages Attached) | |

NOTES:

- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = lower wall (< 2m) CT = countertop
- Surface Materials: VT = Vinyl Tile SST = Synthetic Stone Countertop T = Terrazzo Flooring C = Concrete
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLw, Sign = +1, Otherwise -1.

| | |
|-------------------------------------|-----------|
| Mean | -3.51E+02 |
| Median | -4.75E+02 |
| Range | 1.79E+03 |
| Std Dev (1 σ) | 4.29E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

| | | | | | |
|----|----|----|----|----|----|
| 32 | 33 | 36 | 45 | 48 | 52 |
| 31 | 34 | 35 | 46 | 47 | 51 |

| | |
|----|----|
| 41 | 44 |
| 42 | 43 |

| | |
|----|----|
| 28 | 29 |
| 27 | 30 |
| 25 | 26 |

| | | | |
|----|---|---|---|
| 10 | 7 | 4 | 3 |
| 11 | 8 | 5 | 2 |
| 12 | 9 | 6 | 1 |

| | |
|----|----|
| 38 | 37 |
| 39 | 40 |

| | |
|----|----|
| 50 | 49 |
| 54 | 53 |
| 14 | 13 |

| | | | | |
|----|----|----|----|----|
| 15 | 18 | 19 | 22 | 23 |
| 16 | 17 | 20 | 21 | 24 |

ROOM 2SB03

Survey Worksheet

Building: ~~D~~-Lakeside Hospital

☐ **MSB**

Room 2⁵³3

[illegible]

Survey Worksheet

Walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 25B3

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 13 | 133 | 5.27.04 | AC | | | | 13 | 5.27.04 | AC |
| 14 | 118 | | | | | | 14 | | |
| 15 | 138 | | | | | | 15 | | |
| 16 | 157 | | | | | | 16 | | |
| 17 | 136 | | | | | | 17 | | |
| 18 | 179 | | | | | | 18 | | |
| 19 | 136 | | | | | | 19 | | |
| 20 | 142 | | | | | | 20 | | |
| 21 | 137 | | | | | | 21 | | |
| 22 | 154 | | | | | | 22 | | |
| 23 | 127 | | | | | | 23 | | |
| 24 | 135 | | | | | | 24 | | |
| 25 | 115 | | | | | | 25 | | |
| 26 | 140 | | | | | | 26 | | |
| 27 | 158 | | | | | | 27 | | |
| 28 | 126 | | | | | | 28 | | |
| 29 | 101 | | | | | | 29 | | |
| 30 | 125 | | | | | | 30 | | |

walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2^{SB}3

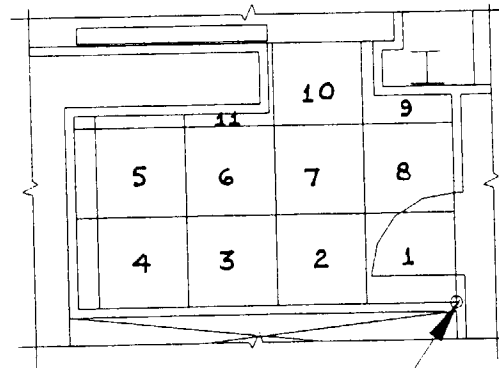
| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|---------|----------|------------------------|------|----------|----------|---------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 31 | 137 | 5.27.04 | Ac | | | | 31 | 5.27.04 | Ac |
| 32 | 132 | | | | | | 32 | | |
| 33 | 141 | | | | | | 33 | | |
| 34 | 154 | | | | | | 34 | | |
| 35 | 160 | | | | | | 35 | | |
| 36 | 149 | | | | | | 36 | | |
| 37 | 143 | | | | | | 37 | | |
| 38 | 136 | | | | | | 38 | | |
| 39 | 148 | | | | | | 39 | | |
| 40 | 121 | | | | | | 40 | | |
| 41 | 131 | | | | | | 41 | | |
| 42 | 147 | | | | | | 42 | | |
| 43 | 153 | | | | | | 43 | | |
| 44 | 160 | | | | | | 44 | | |
| 45 | 146 | | | | | | 45 | | |
| 46 | 159 | | | | | | 46 | | |
| 47 | 136 | | | | | | 47 | | |
| 48 | 124 | ✓ | ✓ | ✓ | ✓ | ✓ | 48 | ✓ | ✓ |

| | | | |
|--|----|----|----|
| | 12 | 14 | 16 |
| | 13 | 15 | 17 |

① ELEVATION

| | | |
|--|----|----|
| | 36 | 37 |
| | 34 | 35 |
| | 32 | 33 |

④ ELEVATION



START GRID HERE

ROOM 2SB05

| | | | | |
|--|----|----|----|----|
| | 25 | 27 | 29 | 31 |
| | 24 | 26 | 28 | 30 |

③ ELEVATION

| | | |
|--|----|----|
| | 1 | 8 |
| | 21 | 20 |
| | 23 | 22 |

② ELEVATION

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 2535

[illegible]

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2SB5

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 12 | 130 | 6/1/04 | NSM | X | | | 57 | 6/1/04 | NSM |
| 13 | 154 | | | | | | 58 | | |
| 14 | 140 | | | | | | 59 | | |
| 15 | 151 | | | | | | 60 | | |
| 16 | 135 | | | | | | 61 | | |
| 17 | 133 | | | | | | 62 | | |
| 18 | 115 | | | | | | 63 | | |
| 19 | 145 | | | | | | 64 | | |
| 20 | 164 | | | | | | 65 | | |
| 21 | 137 | | | | | | 66 | | |
| 22 | 109 | | | | | | 67 | | |
| 23 | 94 | | | | | | 68 | | |
| 24 | 77 | | | | | | 69 | | |
| 25 | 65 | | | | | | 70 | | |
| 26 | 101 | | | | | | 71 | | |
| 27 | 98 | | | | | | 72 | | |
| 28 | 94 | | | | | | 73 | | |
| 29 | 85 | | | | | | 74 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

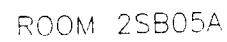
Room 25B5

[illegible]

(5) ELEVATION

① ELEVATION

4 ELEVATION



- START GRID HERE

② ELEVATION

③ ELEVATION

⑥ ELEVATION

| | | | |
|-----|-----|-----|-----|
| 138 | 140 | 142 | 144 |
| 137 | 141 | 143 | 145 |

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| 148 | 149 | 150 | 151 | 152 | 154 |
| 153 | | | | 155 | 158 |
| | | | | 156 | 157 |

159

ROOM 2SB05A

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2SB5a

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | Wipe No. | Date | Initials |
|---|--|--------|----------|------------------------------|--------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | | | |
| 1 | 383 | 6/2/04 | J.S. | 0.005 | 6/2/04 | JS | 83 | 6/1/04 | JS |
| 2 | 318 | | | 0.015 | | | 84 | | |
| 3 | 351 | | | 0.01 | | | 85 | | |
| 4 | 360 | | | 0.01 | | | 86 | | |
| 5 | 305 | | | 0.01 | | | 87 | | |
| 6 | 294 | | | 0.005 | | | 88 | | |
| 7 | 286 | | | 0.005 | | | 89 | | |
| 8 | 318 | | | 0.005 | | | 90 | | |
| 9 | 354 | | | 0.01 | | | 91 | | |
| 10 | 404 | | | 0.015 | | | 92 | | |
| 11 | 371 | | | 0.01 | | | 93 | | |
| 12 | 319 | | | 0.005 | | | 94 | | |
| 13 | 312 | | | 0.015 | | | 95 | | |
| 14 | 347 | | | 0.01 | | | 96 | | |
| 15 | 380 | | | 0.01 | | | 97 | | |
| 16 | 326 | | | 0.01 | | | 98 | | |
| 17 | 310 | | | 0.01 | | | 99 | | |
| 18 | 347 | | | 0.015 | | | 100 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2SB5a

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | Wipe No. | Date | Initials |
|---|--|--------|----------|------------------------------|--------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | | | |
| 19 | 333 | 6/2/04 | X.S. | 0.005 | 6/2/04 | WHL | 16 | 6/1/04 | WHL |
| 20 | 321 | | | 0.005 | | | 17 | | |
| 21 | 305 | | | 0.01 | | | 18 | | |
| 22 | 313 | | | 0.01 | | | 19 | | |
| 23 | 270 | | | 0.005 | | | 20 | | |
| 24 | 295 | | | 0.005 | | | 21 | | |
| 25 | 304 | | | 0.005 | | | 22 | | |
| 26 | 324 | | | 0.01 | | | 23 | | |
| 27 | 305 | | | 0.00 | | | 24 | | |
| 28 | 329 | | | 0.005 | | | 25 | | |
| 29 | 309 | | | 0.005 | | | 26 | | |
| 30 | 287 | | | 0.015 | | | 27 | | |
| 31 | 354 | | | 0.02 | | | 28 | | |
| 32 | 361 | | | 0.015 | | | 29 | | |
| 33 | 308 | | | 0.02 | | | 30 | | |
| 34 | 272 | | | 0.01 | | | 31 | | |
| 35 | 341 | | | 0.015 | | | 32 | | |
| 36 | 348 | | | 0.005 | | | 33 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2585a

| | |
|---|---|
| <input checked="" type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|--------|----------|----------|---------|----------|
| 37 | 272 111 | 6/2/04 | F.S. | 0.01 | 6/2/04 | WJ | 34 | 6/11/04 | NSH |
| 38 | 316 | | | 0.01 | | | 35 | | |
| 39 | 287 | | | 0.015 | | | 36 | | |
| 40 | 269 | | | 0.005 | | | 37 | | |
| 41 | 302 | | | 0.01 | | | 38 | | |
| 42 | 307 | | | 0.015 | | | 39 | | |
| 43 | 326 | | | 0.01 | | | 40 | | |
| 44 | 351 | | | 0.005 | | | 41 | | |
| 45 | 369 | | | 0.005 | | | 42 | | |
| 46 | 316 | | | 0.005 | | | 43 | | |
| 47 | 329 | | | 0.01 | | | 44 | | |
| 48 | 375 | | | 0.005 | | | 45 | | |
| 49 | 343 | | | 0.01 | | | 46 | | |
| 50 | 346 | | | 0.01 | | | 47 | | |
| 51 | 314 | | | 0.005 | | | 48 | | |
| 52 | 277 | | | 0.005 | | | 49 | | |
| 53 | 368 | | | 0.015 | | | 50 | | |
| 5A | 356 | | | 0.015 | | | 51 | | |

Meter #1

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**Room 2^{5B}5a[illegible]

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2^{SB}05A

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | Wipe No. | Date | Initials | |
|---|--|--------|----------|--|------|----------|----------|--------|----------|--|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | | | | |
| 58 | 120 | 6.2.04 | AC | <div style="font-size: 4em; transform: rotate(-45deg); display: inline-block;">X</div> | | | 55 | 6.1.04 | NSH | |
| 59 | 111 | | | | | | | 56 | | |
| 60 | 130 | | | | | | | 57 | | |
| 61 | 112 | | | | | | | 58 | | |
| 62 | 117 | | | | | | | 59 | | |
| 63 | 101 | | | | | | | 60 | | |
| 64 | 127 | | | | | | | 61 | | |
| 65 | 130 | | | | | | | 62 | | |
| 66 | 126 | | | | | | | 63 | | |
| 67 | 119 | | | | | | | 64 | | |
| 68 | 130 | | | | | | | 65 | | |
| 69 | 108 | | | | | | | 66 | | |
| 70 | 122 | | | | | | | 67 | | |
| 71 | 117 | | | | | | | 68 | | |
| 72 | 104 | | | | | | | 69 | | |
| 73 | 98 | | | | | | | 70 | | |
| 74 | 118 | | | | | | | 71 | | |
| 75 | 123 | | | | | | | 72 | | |

Survey Worksheet

walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 2nd 05A

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | Wipe No. | Date | Initials |
|---|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | | | |
| 76 | 134 | 6.2.04 | AC | | | | 73 | 6.1.04 | VS |
| 77 | 126 | | | | | | 74 | | |
| 78 | 108 | | | | | | 75 | | |
| 79 | 112 | | | | | | 76 | | |
| 80 | 124 | | | | | | 77 | | |
| 81 | 130 | | | | | | 78 | | |
| 82 | 148 | | | | | | 79 | | |
| 83 | 126 | | | | | | 80 | | |
| 84 | 147 | | | | | | 81 | | |
| 85 | 108 | | | | | | 82 | | |
| 86 | 149 | | | | | | 83 | | |
| 87 | 151 | | | | | | 84 | | |
| 88 | 138 | | | | | | 85 | | |
| 89 | 129 | | | | | | 86 | | |
| 90 | 117 | | | | | | 87 | | |
| 91 | 125 | | | | | | 88 | | |
| 92 | 131 | | | | | | 89 | | |
| 93 | 173 | | | | | | 90 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 285a

W 2115

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 94 | 98 | 6.2.04 | AC | X | | | 91 | 6.1.04 | NSH |
| 95 | 108 | | | | | | 92 | | |
| 96 | 114 | | | | | | 93 | | |
| 97 | 99 | | | | | | 94 | | |
| 98 | 107 | | | | | | 95 | | |
| 99 | 83 | | | | | | 96 | | |
| 100 | 112 | | | | | | 97 | | |
| 101 | 131 | | | | | | 98 | | |
| 102 | 122 | | | | | | 99 | | |
| 103 | 143 | | | | | | 100 | | |
| 104 | 93 | | | | | | 1 | | |
| 105 | 120 | | | | | | 2 | | |
| 106 | 111 | | | | | | 3 | | |
| 107 | 102 | | | | | | 4 | | |
| 108 | 96 | | | | | | 5 | | |
| 109 | 119 | | | | | | 6 | | |
| 110 | 98 | | | | | | 7 | | |
| 111 | 103 | | | | | | 8 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2 SBA

W2115

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input checked="" type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|------|----------|----------|---------|----------|
| 112 | 124 | 6.7.04 | AC | X | | | 9 | 6/11/04 | NSH |
| 113 | 116 | | | | | | 10 | | |
| 114 | 101 | | | | | | 11 | | |
| 115 | 97 | | | | | | 12 | | |
| 116 | 111 | | | | | | 13 | | |
| 117 | 98 | | | | | | 14 | | |
| 118 | 115 | | | | | | 15 | | |
| 119 | 106 | | | | | | 16 | | |
| 120 | 112 | | | | | | 17 | | |
| 121 | 89 | | | | | | 18 | | |
| 122 | 82 | | | | | | 19 | | |
| 123 | 107 | | | | | | 20 | | |
| 124 | 85 | | | | | | 21 | | |
| 125 | 103 | | | | | | 22 | | |
| 126 | 110 | | | | | | 23 | | |
| 127 | 120 | | | | | | 24 | | |
| 128 | 115 | | | | | | 25 | | |
| 129 | 117 | | | | | | 26 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2B5A

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| 130 | 122 | 6.2.04 | AC | | | | 27 | 6/1/04 | HSY |
| 131 | 107 | | | | | | 28 | | |
| 132 | 94 | | | | | | 29 | | |
| 133 | 74 | | | | | | 30 | | |
| 134 | 68 | | | | | | 31 | | |
| 135 | 82 | | | | | | 32 | | |
| 136 | 80 | | | | | | 33 | | |
| 137 | 103 | | | | | | 34 | | |
| 138 | 118 | | | | | | 35 | | |
| 139 | 107 | | | | | | 36 | | |
| 140 | 100 | | | | | | 37 | | |
| 141 | 93 | | | | | | 38 | | |
| 142 | 106 | | | | | | 39 | | |
| 143 | 111 | | | | | | 40 | | |
| 144 | 113 | | | | | | 41 | | |
| 145 | 84 | | | | | | 42 | | |
| 146 | 96 | | | | | | 43 | | |
| 147 | 99 | | | | | | 44 | | |

WJ/15

↓
w/aces

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 2SB5A

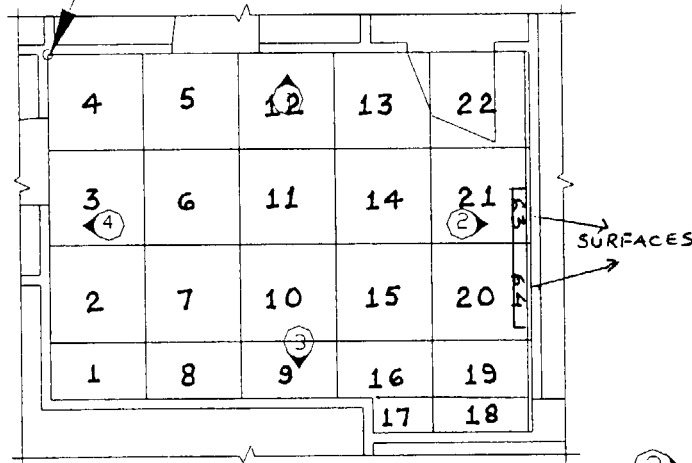
[illegible]

| | | | | |
|----|----|----|----|----|
| | | | | |
| 27 | 30 | 31 | 34 | 35 |
| 28 | 29 | 32 | 33 | 36 |

START GRID HERE → ① ELEVATION

| | | |
|--|----|----|
| | 26 | 25 |
| | 23 | 24 |
| | 61 | 62 |
| | 60 | 59 |

④ ELEVATION



| | |
|----|----|
| 38 | 37 |
| 39 | 40 |
| 42 | 41 |
| 43 | 44 |
| 46 | 45 |

② ELEVATION

ROOM 2SB08

| | | | | | |
|----|----|----|----|----|----|
| 47 | 50 | 52 | 54 | 55 | 58 |
| 48 | 49 | 51 | 53 | 56 | 57 |

③ ELEVATION

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2^{SB}8

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|---------|----------|------------------------|---------|----------|----------|---------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 1 | 375 | 5.26.04 | AC | 0.02 | 5/27/04 | MSH | 1 | 5.27.04 | AC |
| 2 | 382 | | | 0.02 | | | 2 | | |
| 3 | 429 | | | 0.015 | | | 3 | | |
| 4 | 390 | | | 0.02 | | | 4 | | |
| 5 | 404 | | | 0.02 | | | 5 | | |
| 6 | 399 | | | 0.02 | | | 6 | | |
| 7 | 384 | | | 0.015 | | | 7 | | |
| 8 | 387 | | | 0.015 | | | 8 | | |
| 9 | 414 | | | 0.015 | | | 9 | | |
| 10 | 437 | | | 0.015 | | | 10 | | |
| 11 | 422 | | | 0.02 | | | 11 | | |
| 12 | 403 | | | 0.02 | | | 12 | | |
| 13 | 429 | | | 0.02 | | | 13 | | |
| 14 | 433 | | | 0.02 | | | 14 | | |
| 15 | 412 | | | 0.02 | | | 15 | | |
| 16 | 406 | | | 0.01 | | | 16 | | |
| 17 | 379 | | | 0.015 | | | 17 | | |
| 18 | 427 | ✓ | ✓ | 0.02 | ↓ | ↓ | 18 | ✓ | ✓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**Room 2^{SB}8[illegible]

Survey Worksheet

~~Flr~~ walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 2SB8

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | Wipe No. | Date | Initials |
|---|---|---------|----------|------------------------|------|----------|----------|---------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | | | |
| 23 | 127 | 5.26.04 | AC | X | | | 23 | 5.27.04 | AC |
| 24 | 98 | | | | | | 24 | | |
| 25 | 118 | | | | | | 25 | | |
| 26 | 133 | | | | | | 26 | | |
| 27 | 105 | | | | | | 27 | | |
| 28 | 119 | | | | | | 28 | | |
| 29 | 114 | | | | | | 29 | | |
| 30 | 127 | | | | | | 30 | | |
| 31 | 154 | | | | | | 31 | | |
| 32 | 142 | | | | | | 32 | | |
| 33 | 108 | | | | | | 33 | | |
| 34 | 114 | | | | | | 34 | | |
| 35 | 129 | | | | | | 35 | | |
| 36 | 142 | | | | | | 36 | | |
| 37 | 160 | | | | | | 37 | | |
| 38 | 155 | | | | | | 38 | | |
| 39 | 151 | | | | | | 39 | | |
| 40 | 134 | | | | | | 40 | | |

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital☐ MSBRoom 2^{SB}8

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | Wipe No. | Date | Initials |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | | | |
| 41 | 162 | 5.26.04 | AC | X | | | 41 | 5.27.04 | AC |
| 42 | 137 | | | | | | 42 | | |
| 43 | 128 | | | | | | 43 | | |
| 44 | 139 | | | | | | 44 | | |
| 45 | 144 | | | | | | 45 | | |
| 46 | 123 | | | | | | 46 | | |
| 47 | 128 | | | | | | 47 | | |
| 48 | 115 | | | | | | 48 | | |
| 49 | 109 | | | | | | 49 | | |
| 50 | 122 | | | | | | 50 | | |
| 51 | 165 | | | | | | 51 | | |
| 52 | 127 | | | | | | 52 | | |
| 53 | 118 | | | | | | 53 | | |
| 54 | 131 | | | | | | 54 | | |
| 55 | 104 | 5.27.04 | AC | | | | 55 | | |
| 56 | 113 | | | | | | 56 | | |
| 57 | 98 | | | | | | 57 | | |
| 58 | 126 | | | | | | 58 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2^{SB8}

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 59 | 115 | 5.27.04 | AC | X | | | 59 | 5.27.04 | AC |
| 60 | 108 | ↓ | ↓ | | | | 60 | ↓ | ↓ |
| 61 | 87 | | | | | | 61 | | |
| 62 | 120 | | | | | | 62 | | |
| 63 | 133 | | | | | | 63 | | |
| 64 | 114 | ↓ | ↓ | | | | 64 | ↓ | ↓ |
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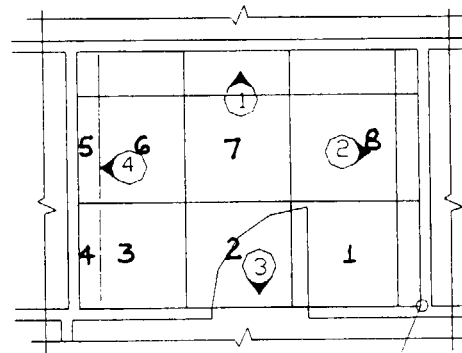
surfaces
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| 19 | | | |
| 20 | | | |

① ELEVATION

| | | |
|----|----|--|
| | | |
| 17 | 18 | |
| 15 | 16 | |

④ ELEVATION



START GRID HERE

ROOM 2SB08A

| | | |
|----|----|--|
| | | |
| 22 | 21 | |
| 24 | 23 | |

② ELEVATION

| | | | |
|----|----|----|--|
| | | | |
| 14 | 12 | 10 | |
| 13 | 11 | 9 | |

③ ELEVATION

| | | | |
|----|----|----|----|
| 25 | 27 | 29 | 31 |
| 26 | 28 | 30 | 32 |

ROOM 2SB08A

Survey Worksheet

Building:

☒ Lakeside Hospital☐ **MSB**

Room 2513-8A

[illegible]

Survey Worksheet

Walls

Building:

☒ Lakeside Hospital

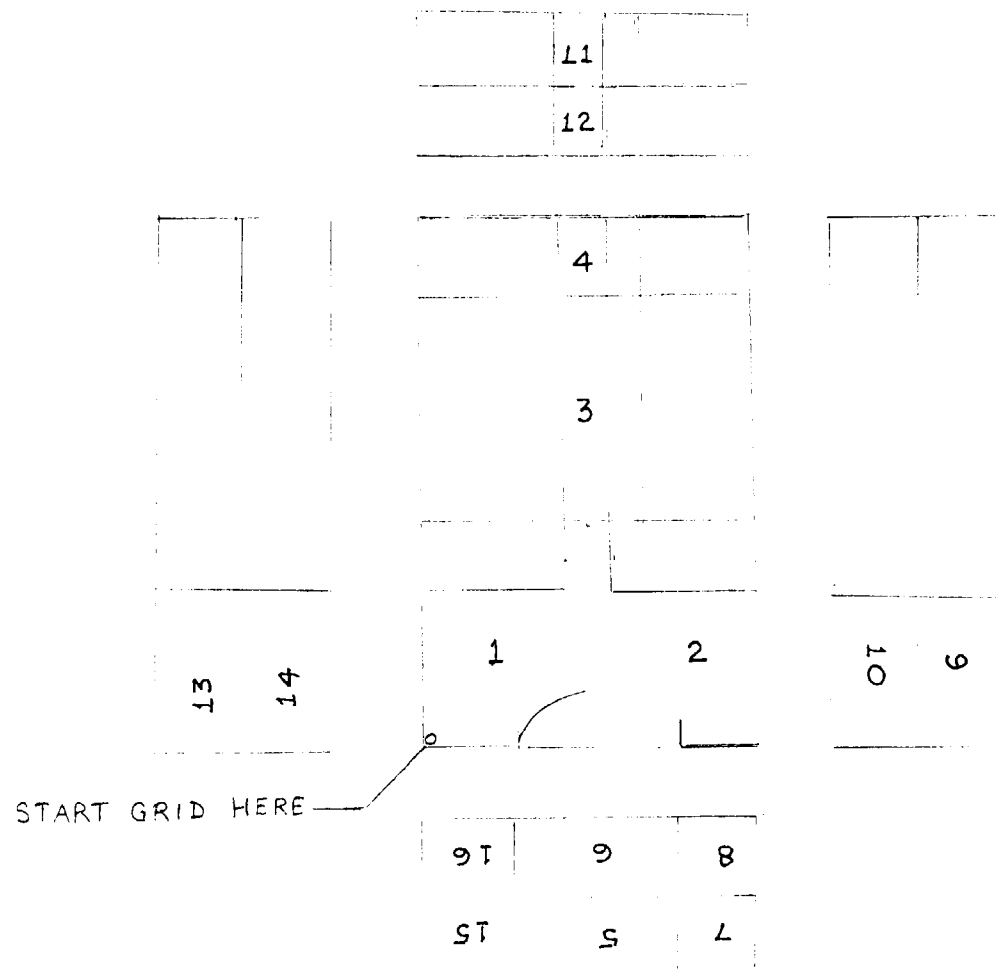
☐ MSB

Room 25B-08A

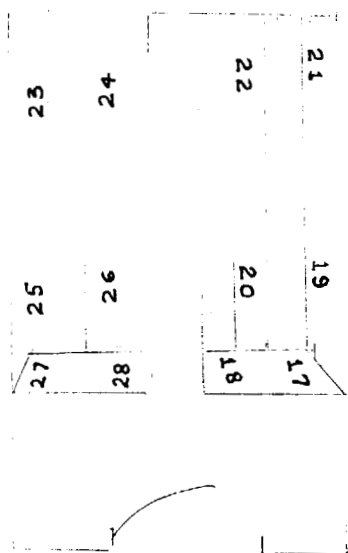
| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input checked="" type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|--------|----------|------------------------------|------|----------|----------|--------|----------|
| 9 | 144 | 6.2.04 | AC | X | | | 9 | 6/2/04 | NB |
| 10 | 135 | ↓ | ↓ | | | | 10 | ↓ | ↓ |
| 11 | 103 | ↓ | ↓ | | | | 11 | ↓ | ↓ |
| 12 | 117 | ↓ | ↓ | | | | 12 | ↓ | ↓ |
| 13 | 138 | 6/2/04 | NB | | | | 13 | ↓ | ↓ |
| 14 | 230 | ↓ | ↓ | | | | 14 | ↓ | ↓ |
| 15 | 168 | ↓ | ↓ | | | | 15 | ↓ | ↓ |
| 16 | 159 | ↓ | ↓ | | | | 16 | ↓ | ↓ |
| 17 | 177 | ↓ | ↓ | | | | 17 | ↓ | ↓ |
| 18 | 135 | ↓ | ↓ | | | | 18 | ↓ | ↓ |
| 19 | 143 | ↓ | ↓ | | | | 19 | ↓ | ↓ |
| 20 | 145 | ↓ | ↓ | | | | 20 | ↓ | ↓ |
| 21 | 203 | ↓ | ↓ | | | | 21 | ↓ | ↓ |
| 22 | 189 | ↓ | ↓ | | | | 22 | ↓ | ↓ |
| 23 | 141 | 6.2.04 | AC | | | | 23 | ↓ | ↓ |
| 24 | 155 | ↓ | ↓ | | | | 24 | ↓ | ↓ |
| | | | | | | | | | |
| | | | | | | | | | |



ROOM 2SB08B



ROOM 2SB08B

Survey Worksheet

Building:

☒ Lakeside Hospital☐ **MSB**Room 25B-8B

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|--------|----------|--|------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 1 | 118 | 6.2.04 | NB | <div style="font-size: 4em; transform: rotate(-45deg); display: inline-block;">X</div> | | | 35 | 6/2/04 | NB |
| 2 | 138 | ↓ | ↓ | | | | 36 | ↓ | ↓ |
| 3 | 143 | | | | | | 37 | | |
| 4 | 117 | ↓ | ↓ | | | | 38 | ↓ | ↓ |
| WALLS | — | — | — | | | | — | — | — |
| 5 | 172 | 6.2.04 | NB | | | | 39 | 6/2/04 | NB |
| 6 | 133 | ↓ | ↓ | | | | 40 | ↓ | ↓ |
| 7 | 113 | | | | | | 41 | | |
| 8 | 123 | | | | | | 42 | | |
| 9 | 116 | | | | | | 43 | | |
| 10 | 138 | | | | | | 44 | | |
| 11 | 125 | | | | | | 45 | | |
| 12 | 116 | | | | | | 46 | | |
| 13 | 138 | | | | | | 47 | | |
| 14 | 141 | | | | | | 48 | | |
| 15 | 126 | | | | | | 49 | | |
| 16 | 118 | ↓ | ↓ | | | 50 | ↓ | ↓ | |

surfaces

☒ Lakeside Hospital

Room 25B-8B

[illegible]

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

Chicago - Lakeside Hospital Final Status Survey

| | | | | | | Probe Active |
|-------------------------------------|--|------------|------------------------|---------------|-----------|-------------------------|
| | | Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Area (cm ²) |
| Survey Date: | 23-Jul-04 | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% |
| Survey Unit #: | LS-4 | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% |
| Building: | Lakeside Hospital | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% |
| Floor: | 2SB | F | Ludlum 239-1F | 203519 | PR190331 | 5.9% |
| FSS Floor Classification: | 2 | | | | | |
| SU DCGLw (dpm/100cm ²): | 6.94E+03 | | | | | |
| SU Description: | Former Simulator Room and adjoining support rooms. Rooms 2SB-09 through -15 plus corridor. | | | | | |

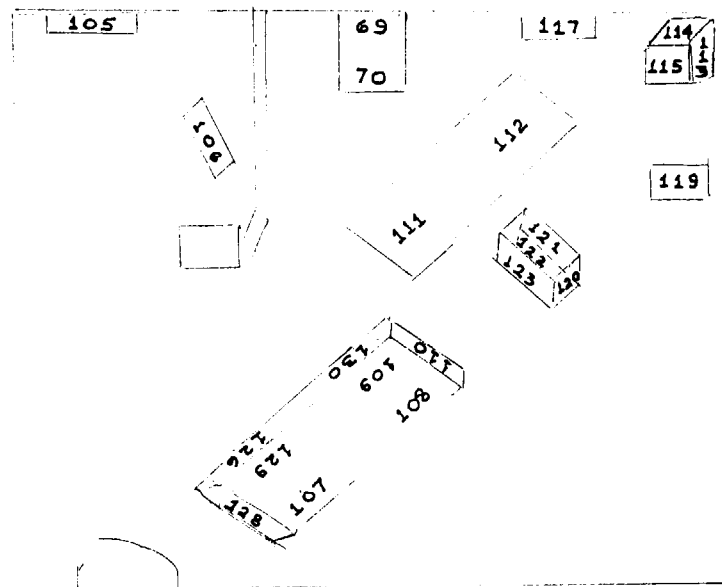
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-4.01 | S | 2a | F | VT | 103 | 122.4 | -19.4 | -5.22E+02 | -1 |
| LS-4.02 | S | 2a | CT | O | 104 | 96.6 | 7.4 | 1.99E+02 | -1 |
| LS-4.03 | S | 2a | F | VT | 104 | 122.4 | -18.4 | -4.95E+02 | -1 |
| LS-4.04 | S | 2a | F | VT | 105 | 122.4 | -17.4 | -4.68E+02 | -1 |
| LS-4.05 | S | 2a | F | PT | 330 | 332.6 | -2.6 | -6.99E+01 | -1 |
| LS-4.06 | S | 2a | F | PT | 313 | 332.6 | -19.6 | -5.27E+02 | -1 |
| LS-4.07 | S | 2a | F | VT | 111 | 122.4 | -11.4 | -3.06E+02 | -1 |
| LS-4.08 | S | 2a | F | VT | 103 | 122.4 | -19.4 | -5.22E+02 | -1 |
| LS-4.09 | S | 2a | F | VT | 85 | 122.4 | -37.4 | -1.01E+03 | -1 |
| LS-4.10 | S | 2a | F | VT | 100 | 122.4 | -22.4 | -6.02E+02 | -1 |
| LS-4.11 | S | 2a | F | VT | 89 | 122.4 | -33.4 | -8.98E+02 | -1 |
| LS-4.12 | S | 2a | F | VT | 105 | 122.4 | -17.4 | -4.68E+02 | -1 |
| LS-4.13 | S | 2a | W | PL | 102 | 124.4 | -22.4 | -6.02E+02 | -1 |
| LS-4.14 | S | 2a | F | VT | 104 | 122.4 | -18.4 | -4.95E+02 | -1 |
| LS-4.15 | S | 2a | F | VT | 106 | 122.4 | -16.4 | -4.41E+02 | -1 |
| LS-4.16 | S | 2a | F | VT | 199 | 122.4 | 76.6 | 2.06E+03 | -1 |
| LS-4.17 | S | 2a | F | VT | 102 | 122.4 | -20.4 | -5.48E+02 | -1 |
| LS-4.18 | S | 2a | F | VT | 121 | 122.4 | -1.4 | -3.76E+01 | -1 |
| LS-4.19 | S | 2a | F | VT | 104 | 122.4 | -18.4 | -4.95E+02 | -1 |
| LS-4.20 | S | 2a | F | VT | 99 | 122.4 | -23.4 | -6.29E+02 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Lower Walls | 1 | (See Survey Worksheet Packages Attached) | |

| | |
|-------------------------------------|-----------|
| Mean | -3.64E+02 |
| Median | -4.95E+02 |
| Range | 3.06E+03 |
| Std Dev (1 σ) | 6.47E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

NOTES:

- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = lower wall (< 2m)
- Surface Materials: VT = Vinyl Tile PL = Plaster PT = Porcelain Tile O = Other
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLw, Sign =+1, Otherwise -1.



ROOM 2SB09

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2SB9

| | |
|---|---|
| <input checked="" type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|---------|----------|----------|--------|----------|
| 1 | 336 | 6.1.04 | AC | 0.015 | 5/27/04 | NSM | 83 | 6/1/04 | NSM |
| 2 | 341 | | | 0.015 | | | 84 | | |
| 3 | 309 | | | 0.015 | | | 85 | | |
| 4 | 323 | | | 0.01 | | | 86 | | |
| 5 | 295 | | | 0.01 | | | 87 | | |
| 6 | 316 | | | 0.015 | | | 88 | | |
| 7 | 277 | | | 0.01 | | | 89 | | |
| 8 | 341 | | | 0.01 | | | 90 | | |
| 9 | 320 | | | 0.015 | | | 91 | | |
| 10 | 266 | | | 0.03 | | | 92 | | |
| 11 | 279 | | | 0.02 | | | 93 | | |
| 12 | 333 | | | 0.02 | | | 94 | | |
| 13 | 280 | | | 0.02 | | | 95 | | |
| 14 | 359 | | | 0.02 | | | 96 | | |
| 15 | 317 | | | 0.025 | | | 97 | | |
| 16 | 314 | | | 0.015 | | | 98 | | |
| 17 | 338 | | | 0.02 | | | 99 | | |
| 18 | 362 | | | 0.02 | | | 100 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2S/B9

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|--------|----------|------------------------------|---------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 19 | 341 | 6.1.04 | AC | 0.015 | 5/27/04 | NSM | 62 | 6/1/04 | NSM |
| 20 | 313 | | | 0.02 | | | 63 | | |
| 21 | 369 | | | 0.01 | | | 64 | | |
| 22 | 346 | | | 0.015 | | | 65 | | |
| 23 | 293 | | | 0.02 | | | 66 | | |
| 24 | 338 | | | 0.015 | | | 67 | | |
| 25 | 351 | | | 0.02 | | | 68 | | |
| 26 | 339 | | | 0.01 | | | 69 | | |
| 27 | 411 | | | 0.015 | | | 91 | | |
| 28 | 338 | | | 0.015 | | | 92 | | |
| 29 | 345 | | | 0.01 | | | 93 | | |
| 30 | 386 | | | 0.02 | | | 94 | | |
| 31 | 402 | | | 0.02 | | | 95 | | |
| 32 | 370 | | | 0.02 | | | 96 | | |
| 33 | 399 | | | 0.02 | | | 97 | | |
| 34 | 390 | | | 0.015 | | | 98 | | |
| 35 | 347 | | | 0.02 | | | 99 | | |
| 36 | 316 316 | | | 0.02 | | | 100 | | |
| 37 | 268 | | | 0.015 | | | 92 | | |
| 38 | 358 | | | 0.015 | | | 93 | | |

Survey Worksheet

walls

Building: ☒ Lakeside Hospital ☐ MSB

Room 2SB9

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|---|---|---------|----------|------------------------|------|----------|----------|--------|----------|--|
| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 39 | 98 | 5-27-04 | AC | X | | | 94 | 6/1/04 | NSN | |
| 40 | 109 | | | | | | | 95 | | |
| 41 | 118 | | | | | | | 96 | | |
| 42 | 104 | | | | | | | 97 | | |
| 43 | 125 | | | | | | | 98 | | |
| 44 | 118 | | | | | | | 99 | | |
| 45 | 105 | | | | | | | 100 | | |
| 46 | 112 | | | | | | | 73 | | |
| 47 | 108 | | | | | | | 74 | | |
| 48 | 93 | | | | | | | 75 | | |
| 49 | 128 | | | | | | | 76 | | |
| 50 | 114 | | | | | | | 77 | | |
| 51 | 113 | | | | | | | 78 | | |
| 52 | 268 | | | | | | | 79 | | |
| 53 | 263 | | | | | | | 80 | | |
| 54 | 86 | | | | | | | 81 | | |
| 55 | 102 | | | | | | | 82 | | |
| 56 | 99 | | | | | | | 83 | | |

walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2SB9

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|---------|----------|------------------------|------|----------|----------|---------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 57 | 88 | 5.27.04 | AE | X | | | 84 | 6/11/04 | NSM |
| 58 | 92 | | | | | | 85 | | |
| 59 | 108 | | | | | | 86 | | |
| 60 | 86 | | | | | | 87 | | |
| 61 | 95 | | | | | | 88 | | |
| 62 | 112 | | | | | | 89 | | |
| 63 | 118 | | | | | | 90 | | |
| 64 | 304 | | | | | | 91 | | |
| 65 | 122 | | | | | | 92 | | |
| 66 | 107 | | | | | | 93 | | |
| 67 | 100 | | | | | | 94 | | |
| 68 | 105 | | | | | | 95 | | |
| 69 | 126 | | | | | | 96 | | |
| 70 | 109 | | | | | | 97 | | |
| 71 | 112 | | | | | | 98 | | |
| 72 | 157 | | | | | | 99 | | |
| 73 | 133 | | | | | 100 | | | |
| 74 | 118 | ✓ | ✓ | | | | 65 | ↓ | ↓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2S139

Walls

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|---------|----------|------------------------|------|----------|----------|--------|----------|
| 75 | 108 | 5.27.04 | AC | unable to do survey | | | 66 | 6/1/04 | NSM |
| 76 | 112 | ↓ | ↓ | | | | 67 | ↓ | ↓ |
| 77 | 118 | ↓ | ↓ | | | | 68 | ↓ | ↓ |
| 78 | - | - | - | | | | - | - | - |
| 79 | 122 | 5.27.04 | AC | | | | 69 | 6/1/04 | NSM |
| 80 | 99 | ↓ | ↓ | | | | 70 | ↓ | ↓ |
| 81 | 105 | ↓ | ↓ | | | | 71 | ↓ | ↓ |
| 82 | 124 | ↓ | ↓ | | | | 72 | ↓ | ↓ |
| 83 | 133 | ↓ | ↓ | | | | 73 | ↓ | ↓ |
| 84 | 118 | ↓ | ↓ | | | | 74 | ↓ | ↓ |
| 85 | 115 | ↓ | ↓ | | | | 75 | ↓ | ↓ |
| 86 | 126 | ↓ | ↓ | | | | 76 | ↓ | ↓ |
| 87 | 107 | ↓ | ↓ | | | | 77 | ↓ | ↓ |
| 88 | 98 | ↓ | ↓ | | | | 78 | ↓ | ↓ |
| 89 | 89 | ↓ | ↓ | | | | 79 | ↓ | ↓ |
| 90 | 138 | ↓ | ↓ | | | | 80 | ↓ | ↓ |
| 91 | 126 | ↓ | ↓ | | | | 81 | ↓ | ↓ |
| 92 | 114 | ↓ | ↓ | | | | 82 | ↓ | ↓ |

Survey Worksheet

☐ **MSB**Room 2S/39[illegible]

Survey Worksheet

Surfaces

Building: ☒ Lakeside Hospital

☐ MSB

Room 2SB9

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|--------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 105 | 115 | 5.27.04 | AC | X | | | 95 | 6/1/04 | NSH |
| 106 | 97 | | | | | | 96 | | |
| 107 | 85 | | | | | | 97 | | |
| 108 | 83 | | | | | | 98 | | |
| 109 | 93 | | | | | | 99 | | |
| 110 | 70 | | | | | | 100 | | |
| 111 | 102 | | | | | | 46 | | |
| 112 | 90 | | | | | | 47 | | |
| 113 | 91 | | | | | | 48 | | |
| 114 | 126 | | | | | | 49 | | |
| 115 | 104 | | | | | | 50 | | |
| 116 | 117 | | | | | | 51 | | |
| 117 | 122 | | | | | | 52 | | |
| 118 | 106 | | | | | | 53 | | |
| 119 | 472 | | | | | | 54 | | |
| 120 | 92 | ✓ | ✓ | | | | 55 | | |
| 121 | 87 | 5.27.04 | AC | | | | 56 | | |
| 122 | 98 | 5.27.04 | Ac | | | | 57 | ✓ | ✓ |

Surfaces

☐ **MSB**

Room 2SB9

[illegible]

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

Chicago - Lakeside Hospital Final Status Survey

| | | Probe Active Area | | | | | |
|-------------------------------------|---|-------------------|------------------------|---------------|-----------|-------------------------------|-------------------------|
| | | Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Total Efficiency ¹ | Area (cm ²) |
| Survey Date: | 23-Jul-04 | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| Survey Unit #: | LS-5 | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| Building: | Lakeside Hospital | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| Floor: | 2SB | F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |
| FSS Floor Classification: | 1 | | | | | | |
| SU DCGLw (dpm/100cm ²): | 6.94E+03 | | | | | | |
| SU Description: | Room 2SB-02. Sink in janitors closet used for liquid waste disposals to sanitary sewer. | | | | | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-5.01 | S | 2a | W | PT | 320 | 332.6 | -12.6 | -3.39E+02 | -1 |
| LS-5.02 | S | 1 | W | PT | 333 | 332.6 | 0.4 | 9.95E+00 | -1 |
| LS-5.03 | S | 1 | W | PT | 347 | 332.6 | 14.4 | 3.58E+02 | -1 |
| LS-5.04 | S | 1 | W | PT | 320 | 332.6 | -12.6 | -3.13E+02 | -1 |
| LS-5.05 | S | 1 | W | PT | 344 | 332.6 | 11.4 | 2.84E+02 | -1 |
| LS-5.06 | S | 1 | F | CT | 307 | 287.8 | 19.2 | 4.78E+02 | -1 |
| LS-5.07 | S | 1 | F | CT | 371 | 287.8 | 83.2 | 2.07E+03 | -1 |
| LS-5.08 | S | 1 | W | PT | 330 | 332.6 | -2.6 | -6.47E+01 | -1 |
| LS-5.09 | S | 1 | W | PT | 334 | 332.6 | 1.4 | 3.48E+01 | -1 |
| LS-5.10 | S | 1 | W | PT | 303 | 332.6 | -29.6 | -7.36E+02 | -1 |
| LS-5.11 | S | 1 | W | PT | 352 | 332.6 | 19.4 | 4.83E+02 | -1 |
| LS-5.12 | S | 1 | F | CT | 403 | 287.8 | 115.2 | 2.87E+03 | -1 |
| LS-5.13 | S | 1 | F | CT | 353 | 287.8 | 65.2 | 1.62E+03 | -1 |
| LS-5.14 | S | 1 | D | O | 144 | 96.6 | 47.4 | 1.18E+03 | -1 |
| LS-5.15 | S | 1 | W | PT | 437 | 332.6 | 104.4 | 2.60E+03 | -1 |
| LS-5.16 | S | 1 | C | CT | 107 | 287.8 | -180.8 | -4.50E+03 | -1 |
| LS-5.17 | S | 1 | W | PT | 380 | 332.6 | 47.4 | 1.18E+03 | -1 |
| LS-5.18 | S | 2a | C | PL | 139 | 124.4 | 14.6 | 3.92E+02 | -1 |
| LS-5.19 | S | 2a | C | PL | 125 | 124.4 | 0.6 | 1.61E+01 | -1 |
| LS-5.20 | S | 2a | C | PL | 141 | 124.4 | 16.6 | 4.46E+02 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Walls/Ceilings | 1 | (See Survey Worksheet Packages Attached) | |

| | |
|-------------------------------------|----------|
| Mean | 4.66E+02 |
| Median | 4.19E+02 |
| Range | 7.36E+03 |
| Std Dev (1 σ) | 1.58E+03 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

NOTES:

- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = wall C = Ceiling D = Door
- Surface Materials: CT = Clay Tile PT = Porcelain Tile PL = Plaster O = Other
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLw, Sign = +1, Otherwise -1.

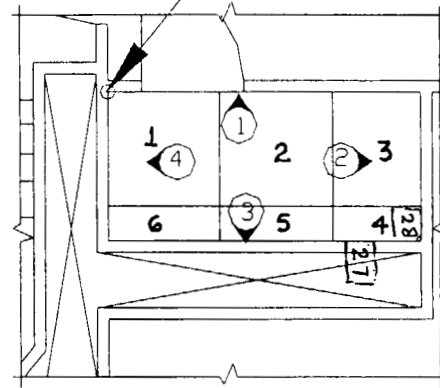
| | | |
|---|----|----|
| | | |
| 7 | 9 | 12 |
| 8 | 10 | 11 |

① ELEVATION

START GRID HERE

| | | |
|--|----|----|
| | 25 | 26 |
| | 24 | 23 |

④ ELEVATION



ROOM 2SB02

| | | |
|----|----|--|
| 14 | 13 | |
| 15 | 16 | |

② ELEVATION

| | | |
|----|----|----|
| 22 | 19 | 18 |
| 21 | 20 | 17 |

③ ELEVATION

100% Scan of areas
above 2 meters.
All readings between
279-371 c/m

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 2^{5B} 2

[illegible]

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 2^{SB}2

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 7 | 381 | 5.27.04 | AC | | | | 61 | 5.27.04 | AC |
| 8 | 335 | | | | | | 62 | | |
| 9 | 390 | | | | | | 63 | | |
| 10 | 343 | | | | | | 64 | | |
| 11 | 392 | | | | | | 65 | | |
| 12 | 381 | | | | | | 66 | | |
| 13 | 463 | | | | | | 67 | | |
| 14 | 363 | | | | | | 68 | | |
| 15 | 320 | | | | | | 69 | | |
| 16 | 398 | | | | | | 70 | | |
| 17 | 349 | | | | | | 71 | | |
| 18 | 331 | | | | | | 72 | | |
| 19 | 342 | | | | | | 73 | | |
| 20 | 374 | | | | | | 74 | | |
| 21 | 368 | | | | | | 75 | | |
| 22 | 330 | | | | | | 76 | | |
| 23 | 358 | | | | | | 77 | | |
| 24 | 339 | | | | | | 78 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 2^{SB}2

[illegible]

surfaces
↓

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

| Chicago - Lakeside Hospital Final Status Survey | | | | | Probe Active Area | | |
|---|--|------------|------------------------|---------------|-------------------|-------------------------------|-------------------------|
| | | Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Total Efficiency ¹ | Area (cm ²) |
| Survey Date: | 9-Aug-04 | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| Survey Unit #: | LS-6 | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| Building: | Lakeside Hospital | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| Floor: | 1SB | F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |
| FSS Floor Classification: | 1 | | | | | | |
| SU DCGLw (dpm/100cm ²): | 6.94E+03 | | | | | | |
| SU Description: | Room 1SB-10A. Current waste storage room for Lakeside Hospital building. | | | | | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-6.01 | S | 1 | W | BR | 264 | 287.8 | -23.8 | -5.92E+02 | -1 |
| LS-6.02 | S | 1 | W | BR | 241 | 287.8 | -46.8 | -1.16E+03 | -1 |
| LS-6.03 | S | 1 | W | BR | 286 | 287.8 | -1.8 | -4.48E+01 | -1 |
| LS-6.04 | S | 1 | W | BR | 284 | 287.8 | -3.8 | -9.45E+01 | -1 |
| LS-6.05 | S | 1 | F | C | 164 | 137.2 | 26.8 | 6.67E+02 | -1 |
| LS-6.06 | S | 1 | F | C | 154 | 137.2 | 16.8 | 4.18E+02 | -1 |
| LS-6.07 | S | 1 | F | C | 142 | 137.2 | 4.8 | 1.19E+02 | -1 |
| LS-6.08 | S | 1 | W | BR | 302 | 287.8 | 14.2 | 3.53E+02 | -1 |
| LS-6.09 | S | 1 | F | C | 150 | 137.2 | 12.8 | 3.18E+02 | -1 |
| LS-6.10 | S | 1 | F | C | 162 | 137.2 | 24.8 | 6.17E+02 | -1 |
| LS-6.11 | S | 1 | F | C | 179 | 137.2 | 41.8 | 1.04E+03 | -1 |
| LS-6.12 | S | 1 | W | BR | 329 | 287.8 | 41.2 | 1.02E+03 | -1 |
| LS-6.13 | S | 1 | W | BR | 272 | 287.8 | -15.8 | -3.93E+02 | -1 |
| LS-6.14 | S | 1 | W | BR | 234 | 287.8 | -53.8 | -1.34E+03 | -1 |
| LS-6.15 | S | 1 | W | BR | 270 | 287.8 | -17.8 | -4.43E+02 | -1 |
| LS-6.16 | S | 1 | C | C | 154 | 137.2 | 16.8 | 4.18E+02 | -1 |
| LS-6.17 | S | 1 | C | C | 156 | 137.2 | 18.8 | 4.68E+02 | -1 |
| LS-6.18 | S | 1 | C | C | 161 | 137.2 | 23.8 | 5.92E+02 | -1 |
| LS-6.19 | S | 1 | C | C | 155 | 137.2 | 17.8 | 4.43E+02 | -1 |
| LS-6.20 | S | 1 | C | C | 148 | 137.2 | 10.8 | 2.69E+02 | -1 |
| LS-6.21 | S | 1 | C | C | 165 | 137.2 | 27.8 | 6.92E+02 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Walls/Ceilings | 1 | (See Survey Worksheet Packages Attached) | |

| Mean | 2.46E+02 |
|---------------------------------|----------|
| Median | 3.86E+02 |
| Range | 2.38E+03 |
| Std Dev (1 σ) | 5.66E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

NOTES:

- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = wall C = ceiling
- Surface Materials: C = Concrete BR = Brick
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLW, Sign = +1, Otherwise -1.

| | | | | |
|----|----|----|----|----|
| 81 | 83 | 85 | 87 | 89 |
| 82 | 84 | 86 | 88 | 90 |

① ELEVATION

| | | | | |
|----|----|----|----|----|
| 61 | 63 | 65 | 67 | 69 |
| 62 | 64 | 66 | 68 | 70 |
| 71 | 73 | 75 | 77 | 79 |
| 72 | 74 | 76 | 78 | 80 |

④ ELEVATION

| | | | | |
|----|----|----|----|---|
| 44 | 29 | 27 | 10 | 9 |
| 43 | 30 | 25 | 11 | 8 |
| 42 | 31 | 24 | 12 | 7 |
| 41 | 32 | 23 | 13 | 6 |
| 40 | 33 | 22 | 14 | 5 |
| 39 | 34 | 21 | 15 | 4 |
| 38 | 35 | 20 | 16 | 3 |
| 37 | 36 | 19 | 17 | 2 |
| 36 | 37 | 18 | 18 | 1 |

START GRID HERE

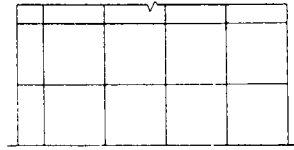
ROOM 1SB10A

| | | | | |
|----|----|----|-----|----|
| 89 | 85 | 95 | 125 | 25 |
| 65 | 25 | 55 | 85 | 15 |

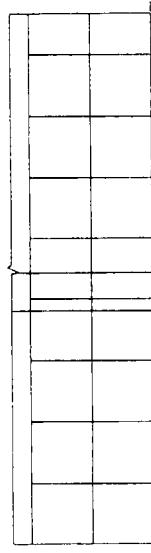
③ ELEVATION

| | | | | |
|-----|----|----|-----|-----|
| 05 | 8h | 9h | 10h | 11h |
| 15 | 4h | 5h | 6h | 7h |
| 25 | 4h | 5h | 6h | 7h |
| 35 | 4h | 5h | 6h | 7h |
| 45 | 4h | 5h | 6h | 7h |
| 55 | 4h | 5h | 6h | 7h |
| 65 | 4h | 5h | 6h | 7h |
| 75 | 4h | 5h | 6h | 7h |
| 85 | 4h | 5h | 6h | 7h |
| 95 | 4h | 5h | 6h | 7h |
| 105 | 4h | 5h | 6h | 7h |
| 115 | 4h | 5h | 6h | 7h |

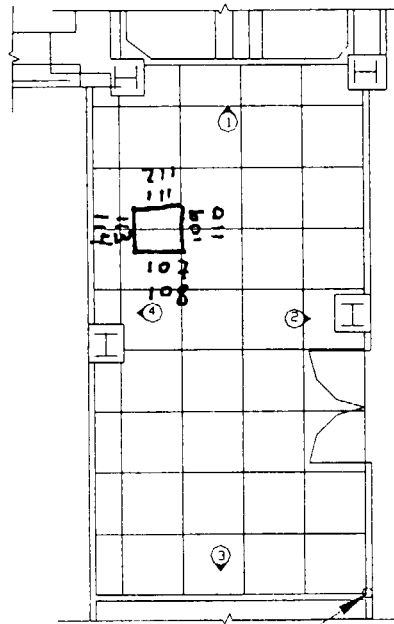
② ELEVATION



① ELEVATION

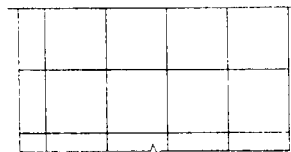


④ ELEVATION

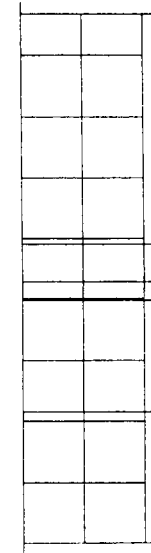


START GRID HERE

ROOM 1SB10A
Surfaces



③ ELEVATION



② ELEVATION

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 1SB 10A

☒ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|--------|----------|----------|--------|----------|
| 1 | 609 | 8/9/04 | NSM | 0.02 | 8/9/04 | NSM | 1 | 8/9/04 | NSM |
| 2 | 603 | | | 0.02 | | | 2 | | |
| 3 | 540 | | | 0.02 | | | 3 | | |
| 4 | 480 | | | 0.02 | | | 4 | | |
| 5 | 511 | | | 0.02 | | | 5 | | |
| 6 | 485 | | | 0.02 | | | 6 | | |
| 7 | 544 | | | 0.02 | | | 7 | | |
| 8 | 568 | | | 0.02 | | | 8 | | |
| 9 | 524 | | | 0.02 | | | 9 | | |
| 10 | 514 | | | 0.02 | | | 10 | | |
| 11 | 461 | | | 0.02 | | | 11 | | |
| 12 | 532 | | | 0.02 | | | 12 | | |
| 13 | 1580 | | | 0.02 | | | 13 | | |
| 14 | 508 | | | 0.02 | | | 14 | | |
| 15 | 459 | | | 0.02 | | | 15 | | |
| 16 | 489 | | | 0.02 | | | 16 | | |
| 17 | 2650 | | | 0.02 | | | 17 | | |
| 18 | 565 | | | 0.02 | | | 18 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 1SB 10A

☒ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|--------|----------|----------|--------|----------|
| 19 | 629 | 8/9/04 | NSH | 0.02 | 8/9/04 | NSH | 19 | 8/9/04 | NSH |
| 20 | 554 | | | 0.02 | | | 20 | | |
| 21 | 521 | | | 0.02 | | | 21 | | |
| 22 | 501 | | | 0.02 | | | 22 | | |
| 23 | 430 | | | 0.02 | | | 23 | | |
| 24 | 471 | | | 0.02 | | | 24 | | |
| 25 | 507 | | | 0.02 | | | 25 | | |
| 26 | 497 | | | 0.02 | | | 26 | | |
| 27 | 525 | | | 0.02 | | | 27 | | |
| 28 | 532 532 | | | 0.02 | | | 28 | | |
| 29 | 565 | | | 0.02 | | | 29 | | |
| 30 | 542 | | | 0.02 | | | 30 | | |
| 31 | 489 | | | 0.02 | | | 31 | | |
| 32 | 436 | | | 0.02 | | | 32 | | |
| 33 | 603 | | | 0.02 | | | 33 | | |
| 34 | 527 | | | 0.02 | | | 34 | | |
| 35 | 1070 | | | 0.02 | | | 35 | | |
| 36 | 1240 | ✓ | ✓ | 0.02 | ✓ | ✓ | 36 | ✓ | ✓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 1SB10A

☒ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|--------|----------|----------|--------|----------|
| 37 | 660 | 8/9/04 | NSM | 0.02 | 8/9/04 | NSM | 37 | 8.9.04 | NSM |
| 38 | 601 | ↓ | ↓ | 0.02 | ↓ | ↓ | 38 | ↓ | ↓ |
| 39 | 546 | ↓ | ↓ | 0.02 | ↓ | ↓ | 39 | ↓ | ↓ |
| 40 | 630 | ↓ | ↓ | 0.02 | ↓ | ↓ | 40 | ↓ | ↓ |
| 41 | 468 | ↓ | ↓ | 0.02 | ↓ | ↓ | 41 | ↓ | ↓ |
| 42 | 158 | ↓ | ↓ | 0.02 | ↓ | ↓ | 42 | ↓ | ↓ |
| 43 | 140 | ↓ | ↓ | 0.02 | ↓ | ↓ | 43 | ↓ | ↓ |
| 44 | 783 | ↓ | ↓ | 0.02 | ↓ | ↓ | 44 | ↓ | ↓ |
| | | | | | | | | | |
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| | | | | | | | | | |

meter #1

Survey Worksheet

WALLS

Building: ☐ Lakeside Hospital

☐ MSB

Room LSB 10A

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------|------|----------|----------|--------|----------|
| 45 | 121 | 8.9.04 | AC | | | | 45 | 8.9.04 | NSM |
| 46 | 109 | 8.9.04 | AC | | | | 46 | | |
| 47 | 288 | 8/9/04 | NSM | | | | 47 | | |
| 48 | 254 | | | | | | 48 | | |
| 49 | 293 | | | | | | 49 | | |
| 50 | 264 | | | | | | 50 | | |
| 51 | 285 | | | | | | 51 | | |
| 52 | 293 | | | | | | 52 | | |
| 53 | 310 | | | | | | 53 | | |
| 54 | 288 | | | | | | 54 | | |
| 55 | 358 | | | | | | 55 | | |
| 56 | 329 | | | | | | 56 | | |
| 57 | 316 | | | | | | 57 | | |
| 58 | 344 | | | | | | 58 | | |
| 59 | 297 | | | | | | 59 | | |
| 60 | 358 | | | | | | 60 | | |
| 61 | 261 | | | | | | 61 | | |
| 62 | 268 | | | | | | 62 | | |

Survey Worksheet

Walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 1SB10A

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 63 | 264 | 8/19/04 | NSH | X | | | 63 | 8/19/04 | NSH |
| 64 | 257 | | | | | | 64 | | |
| 65 | 243 | | | | | | 65 | | |
| 66 | 254 | | | | | | 66 | | |
| 67 | 283 | | | | | | 67 | | |
| 68 | 267 | | | | | | 68 | | |
| 69 | 161 | | | | | | 69 | | |
| 70 | 149 | | | | | | 70 | | |
| 71 | 219 | | | | | | 71 | | |
| 72 | 247 | | | | | | 72 | | |
| 73 | 233 | | | | | | 73 | | |
| 74 | 230 | | | | | | 74 | | |
| 75 | 239 | | | | | | 75 | | |
| 76 | 289 | | | | | | 76 | | |
| 77 | 241 | | | | | | 77 | | |
| 78 | 283 | | | | | | 78 | | |
| 79 | 235 | | | | | | 79 | | |
| 80 | 221 | | | | | | 80 | | |

Survey Worksheet

Walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 15B10

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input checked="" type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| 81 | 188 | 8/9/04 | NSM | X | | | 81 | 8/9/04 | NSM |
| 82 | 202 | | | | | | 82 | | |
| 83 | 257 | | | | | | 83 | | |
| 84 | 254 | | | | | | 84 | | |
| 85 | 287 | | | | | | 85 | | |
| 86 | 275 | | | | | | 86 | | |
| 87 | 299 | | | | | | 87 | | |
| 88 | 345 | | | | | | 88 | | |
| 89 | 247 | | | | | | 89 | | |
| 90 | 263 | | | | | | 90 | | |
| 91 | 229 | | | | | | 91 | | |
| 92 | 281 | | | | | | 92 | | |
| 93 | 307 | | | | | | 93 | | |
| 94 | 294 | | | | | | 94 | | |
| 95 | 263 | | | | | | 95 | | |
| 96 | 292 | | | | | | 96 | | |
| 97 | 283 | | | | | | 97 | | |
| 98 | 277 | | | | | | 98 | | |

W2113

☐ **MSB**

Room 15B10

[illegible]

Surface

☐ **MSB**Room 1 S/B 10[illegible]

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**Room 1^{5B} 10A

Resurvey

[illegible]

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

| Chicago - Lakeside Hospital Final Status Survey | | | | | | Probe Active | |
|---|---|------------|------------------------|---------------|-----------|-------------------------------|-------------------------|
| Survey Date: | 26-Jul-04 | Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Total Efficiency ¹ | Area (cm ²) |
| Survey Unit #: | LS-7 | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| Building: | Lakeside Hospital | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| Floor: | 1SB | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| FSS Floor Classification: | 1 | F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |
| SU DCGLw (dpm/100cm ²): | 6.94E+03 | | | | | | |
| SU Description: | Room 1SB-13. Historical waste storage room. | | | | | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-7.01 | S | 1 | W | CT | 296 | 287.8 | 8.2 | 2.04E+02 | -1 |
| LS-7.02 | S | 1 | W | CT | 336 | 287.8 | 48.2 | 1.20E+03 | -1 |
| LS-7.03 | S | 1 | W | CT | 364 | 287.8 | 76.2 | 1.90E+03 | -1 |
| LS-7.04 | S | 1 | F | C | 162 | 137.2 | 24.8 | 6.17E+02 | -1 |
| LS-7.05 | S | 1 | F | C | 151 | 137.2 | 13.8 | 3.43E+02 | -1 |
| LS-7.06 | S | 1 | F | C | 173 | 137.2 | 35.8 | 8.91E+02 | -1 |
| LS-7.07 | S | 1 | W | CT | 321 | 287.8 | 33.2 | 8.26E+02 | -1 |
| LS-7.08 | S | 1 | W | CT | 322 | 287.8 | 34.2 | 8.51E+02 | -1 |
| LS-7.09 | S | 1 | F | C | 196 | 137.2 | 58.8 | 1.46E+03 | -1 |
| LS-7.10 | S | 1 | F | C | 177 | 137.2 | 39.8 | 9.90E+02 | -1 |
| LS-7.11 | S | 1 | W | CT | 336 | 287.8 | 48.2 | 1.20E+03 | -1 |
| LS-7.12 | S | 1 | W | CT | 323 | 287.8 | 35.2 | 8.76E+02 | -1 |
| LS-7.13 | S | 1 | W | CT | 309 | 287.8 | 21.2 | 5.27E+02 | -1 |
| LS-7.14 | S | 1 | W | CT | 346 | 287.8 | 58.2 | 1.45E+03 | -1 |
| LS-7.15 | S | 1 | C | C | 175 | 137.2 | 37.8 | 9.40E+02 | -1 |
| LS-7.16 | S | 1 | C | C | 166 | 137.2 | 28.8 | 7.16E+02 | -1 |
| LS-7.17 | S | 1 | C | C | 171 | 137.2 | 33.8 | 8.41E+02 | -1 |
| LS-7.18 | S | 1 | C | C | 141 | 137.2 | 3.8 | 9.45E+01 | -1 |
| LS-7.19 | S | 1 | C | C | 132 | 137.2 | -5.2 | -1.29E+02 | -1 |
| LS-7.20 | S | 1 | C | C | 159 | 137.2 | 21.8 | 5.42E+02 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Walls / Ceilings | 1 | (See Survey Worksheet Packages Attached) | |

| Mean | 8.29E+02 |
|---------------------------------|----------|
| Median | 8.46E+02 |
| Range | 2.02E+03 |
| Std Dev (1 σ) | 4.87E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

NOTES:

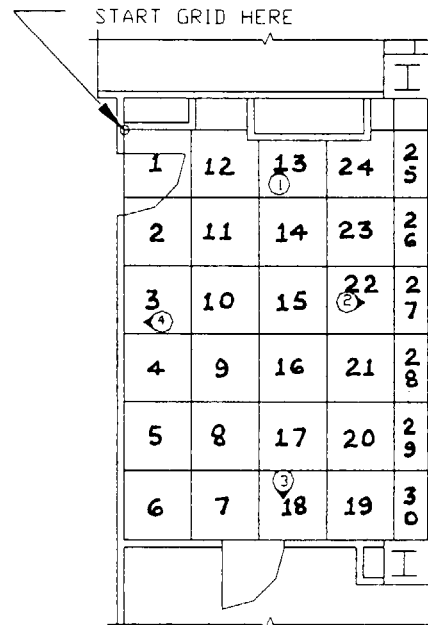
- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = Wall
- Surface Materials: CT = clay tile C = concrete
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLw, Sign = +1, Otherwise -1.

| | | | | | |
|----|----|----|----|----|----|
| 33 | 35 | 37 | 39 | 41 | 43 |
| 34 | 36 | 38 | 40 | 42 | 44 |

① ELEVATION

| | |
|----|----|
| 31 | 32 |
| 75 | 76 |
| 73 | 74 |
| 71 | 72 |
| 69 | 70 |
| 67 | 68 |

④ ELEVATION



ROOM 1SB13

| | |
|----|----|
| 44 | 43 |
| 46 | 45 |
| 48 | 47 |
| 50 | 49 |
| 52 | 51 |
| 54 | 53 |
| 56 | 55 |

② ELEVATION

| | | | | |
|----|----|----|----|----|
| 99 | 49 | 29 | 09 | 85 |
| 59 | 39 | 19 | 65 | 45 |

③ ELEVATION

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 15B13

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|---------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 1 | 640 | 6/03/04 | F.S. | 0.02 | 6.03.04 | AC | 92 | 6/4/04 | NSH |
| 2 | 620 | ↓ | ↓ | 0.015 | ↓ | ↓ | 93 | ↓ | ↓ |
| 3 | 603 | | | 0.025 | | | 94 | | |
| 4 | 589 | | | 0.01 | | | 95 | | |
| 5 | 545 | | | 0.01 | | | 96 | | |
| 6 | 524 | | | 0.02 | | | 97 | | |
| 7 | 580 | | | 0.025 | | | 98 | | |
| 8 | 535 | | | 0.015 | | | 99 | | |
| 9 | 613 | | | 0.03 | | | 100 | | |
| 10 | 518 | | | 0.015 | | | 1 | | |
| 11 | 535 | | | 0.02 | | | 2 | | |
| 12 | 608 | | | 0.025 | | | 3 | | |
| 13 | 658 | | | 0.015 | | | 4 | | |
| 14 | 592 | | | 0.02 | | | 5 | | |
| 15 | 588 | | | 0.02 | | | 6 | | |
| 16 | 565 | | | 0.01 | | | 7 | | |
| 17 | 562 | | | 0.01 | | | 8 | | |
| 18 | 578 | | | 0.02 | | | 9 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 1stB13

[illegible]

Survey Worksheet

walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 1st 13

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|--------|----------|------------------------|------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 31 | 132 | 6.3.04 | AC | | | | 22 | 6/4/04 | NSM |
| 32 | 144 | ↓ | ↓ | | | | 23 | | ↓ |
| 33 | 298 | | | | | | 24 | | |
| 34 | 340 | | | | | | 25 | | |
| 35 | 348 | | | | | | 26 | | |
| 36 | 331 | | | | | | 27 | | |
| 37 | 323 | | | | | | 28 | | |
| 38 | 294 | | | | | | 29 | | |
| 39 | 322 | | | | | | 30 | | |
| 40 | 359 | | | | | | 31 | | |
| 41 | 368 | | | | | | 32 | | |
| 42 | 402 | | | | | | 33 | | |
| 43 | 418 | | | | | | 34 | | |
| 44 | 426 | | | | | | 35 | | |
| 45 | 327 | | | | | | 36 | | |
| 46 | 352 | | | | | | 37 | | |
| 47 | 371 | | | ↓ | ↓ | | | | |
| 48 | 349 | | | | | | 39 | | |

W2415

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 1^{SB}13

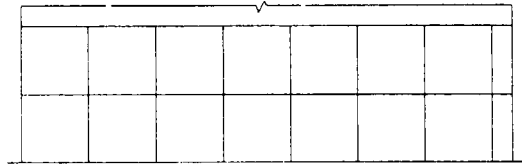
| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|--------|----------|------------------------|------|----------|----------|--------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 49 | 388 | 6.3.04 | AC | | | | 40 | 6/4/04 | NSM |
| 50 | 360 | | | | | | 41 | | |
| 51 | 346 | | | | | | 42 | | |
| 52 | 304 | | | | | | 43 | | |
| 53 | 296 | | | | | | 44 | | |
| 54 | 345 | | | | | | 45 | | |
| 55 | 339 | | | | | | 46 | | |
| 56 | 346 | | | | | | 47 | | |
| 57 | 168 | | | | | | 48 | | |
| 58 | 153 | | | | | | 49 | | |
| 59 | 355 | | | | | | 50 | | |
| 60 | 366 | | | | | | 51 | | |
| 61 | 370 | | | | | | 52 | | |
| 62 | 331 | | | | | | 53 | | |
| 63 | 260 | | | | | | 54 | | |
| 64 | 210 | | | | | | 55 | | |
| 65 | 430 | | | | | | 56 | | |
| 66 | 415 | | | | | | 57 | | |

Walls

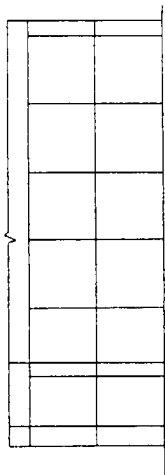
☐ **MSB**

Room 1513

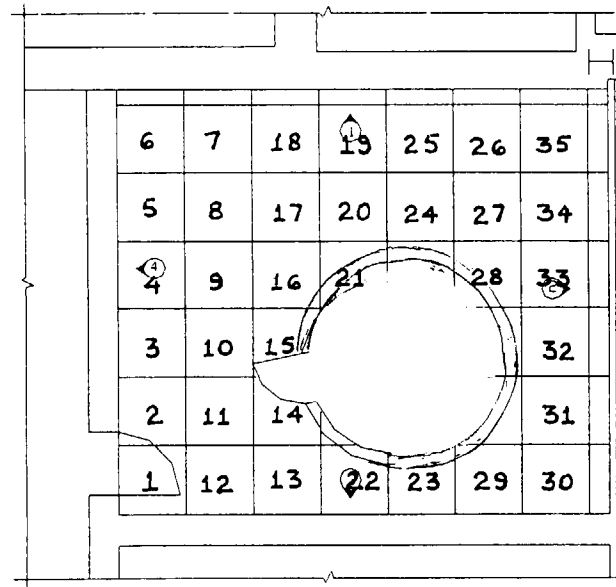
[illegible]



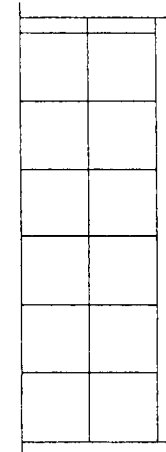
① ELEVATION



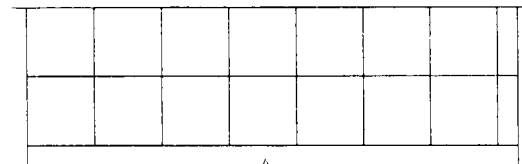
④ ELEVATION



ROOM 1SB12A



② ELEVATION



③ ELEVATION

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

| | | | | Instrument | Rateometer/Probe Models | Rateometer S/N | Probe S/N | Total Efficiency ¹ | Probe Active Area (cm ²) |
|-------------------------------------|---|--|--|------------|-------------------------|----------------|-----------|-------------------------------|--------------------------------------|
| Survey Date: | 26-Jul-04 | | | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| Survey Unit #: | LS-8 | | | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| Building: | Lakeside Hospital | | | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| Floor: | 1SB | | | F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |
| FSS Floor Classification: | 1 | | | | | | | | |
| SU DCGLw (dpm/100cm ²): | 6.94E+03 | | | | | | | | |
| SU Description: | Room 1SB-12A. Historical waste storage room | | | | | | | | |

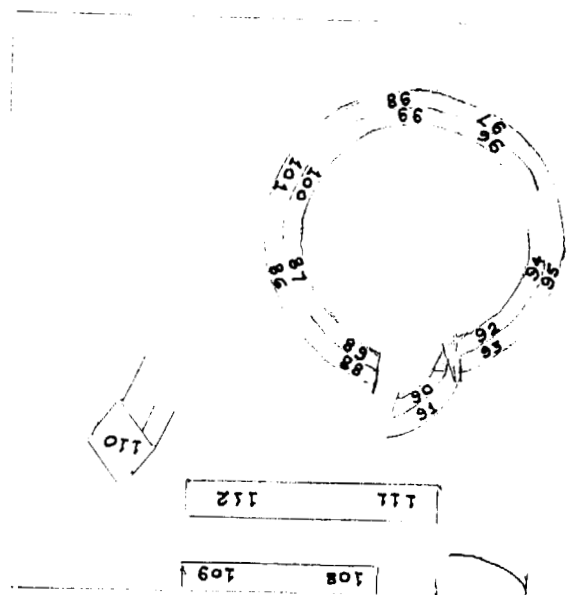
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-8.01 | S | 1 | W | C | 138 | 137.2 | 0.8 | 1.99E+01 | -1 |
| LS-8.02 | S | 1 | W | C | 151 | 137.2 | 13.8 | 3.43E+02 | -1 |
| LS-8.03 | S | 1 | W | C | 157 | 137.2 | 19.8 | 4.93E+02 | -1 |
| LS-8.04 | S | 1 | F | C | 127 | 137.2 | -10.2 | -2.54E+02 | -1 |
| LS-8.05 | S | 1 | F | C | 128 | 137.2 | -9.2 | -2.29E+02 | -1 |
| LS-8.06 | S | 1 | F | C | 116 | 137.2 | -21.2 | -5.27E+02 | -1 |
| LS-8.07 | S | 1 | W | C | 125 | 137.2 | -12.2 | -3.03E+02 | -1 |
| LS-8.08 | S | 1 | F | C | 158 | 137.2 | 20.8 | 5.17E+02 | -1 |
| LS-8.09 | S | 1 | F | C | 155 | 137.2 | 17.8 | 4.43E+02 | -1 |
| LS-8.10 | S | 1 | W | C | 144 | 137.2 | 6.8 | 1.69E+02 | -1 |
| LS-8.11 | S | 1 | W | C | 166 | 137.2 | 28.8 | 7.16E+02 | -1 |
| LS-8.12 | S | 1 | F | C | 139 | 137.2 | 1.8 | 4.48E+01 | -1 |
| LS-8.13 | S | 1 | F | C | 180 | 137.2 | 42.8 | 1.06E+03 | -1 |
| LS-8.14 | S | 1 | F | C | 167 | 137.2 | 29.8 | 7.41E+02 | -1 |
| LS-8.15 | S | 1 | W | C | 171 | 137.2 | 33.8 | 8.41E+02 | -1 |
| LS-8.16 | S | 1 | W | CT | 289 | 287.8 | 1.2 | 2.99E+01 | -1 |
| LS-8.17 | S | 1 | W | CT | 293 | 287.8 | 5.2 | 1.29E+02 | -1 |
| LS-8.18 | S | 1 | C | C | 148 | 137.2 | 10.8 | 2.69E+02 | -1 |
| LS-8.19 | S | 1 | C | C | 146 | 137.2 | 8.8 | 2.19E+02 | -1 |
| LS-8.20 | S | 1 | C | C | 164 | 137.2 | 26.8 | 6.67E+02 | -1 |
| LS-8.21 | S | 1 | C | C | 139 | 137.2 | 1.8 | 4.48E+01 | -1 |
| LS-8.22 | S | 1 | C | C | 150 | 137.2 | 12.8 | 3.18E+02 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Walls / Ceilings | 1 | (See Survey Worksheet Packages Attached) | |

NOTES:

- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = wall C = ceiling
- Surface Materials: C = concrete CT = clay tile
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS.
- MARSSIM Sign Test parameter. If Result > DCGLw, Sign = +1, Otherwise -1.

| | |
|-------------------------------------|----------|
| Mean | 2.70E+02 |
| Median | 2.44E+02 |
| Range | 1.59E+03 |
| Std Dev (1 σ) | 4.21E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |



ROOM 15B 12A

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 1^{SB}12A

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|---------|----------|------------------------|---------|----------|----------|---------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 1 | 424 | 6/03/04 | F.S. | 0.03 | 6/03/04 | F.S. | 1 | 6/03/04 | F.S. |
| 2 | 433 | | | 0.025 | | | 2 | | |
| 3 | 454 | | | 0.02 | | | 3 | | |
| 4 | 482 | | | 0.02 | | | 4 | | |
| 5 | 475 | | | 0.01 | | | 5 | | |
| 6 | 510 | | | 0.015 | | | 6 | | |
| 7 | 562 | | | 0.01 | | | 7 | | |
| 8 | 463 | | | 0.015 | | | 8 | | |
| 9 | 482 | | | 0.02 | | | 9 | | |
| 10 | 448 | | | 0.025 | | | 10 | | |
| 11 | 430 | | | 0.015 | | | 11 | | |
| 12 | 459 | | | 0.02 | | | 12 | | |
| 13 | 678 | | | 0.01 | | | 13 | | |
| 14 | 525 | | | 0.02 | | | 14 | | |
| 15 | 469 | | | 0.015 | | | 15 | | |
| 16 | 538 | | | 0.01 | | | 16 | | |
| 17 | 508 | | | 0.02 | | | 17 | | |
| 18 | 522 | | | 0.01 | | | 18 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 1SB-12A

☒ Floor Monitor [] Meter 1
[] Meter 2 Det. 1 [] Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor [] Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|---------|----------|------------------------------|--------|----------|----------|---------|----------|
| 19 | 583 | 6/03/04 | F.S. | 0.01 | 6.3.04 | F.S. | 19 | 6/03/04 | F.S. |
| 20 | 557 | ↓ | ↓ | 0.01 | ↓ | ↓ | 20 | ↓ | ↓ |
| 21 | 508 | ↓ | ↓ | 0.02 | ↓ | ↓ | 21 | ↓ | ↓ |
| 22 | 495 | ↓ | ↓ | 0.015 | ↓ | ↓ | 22 | ↓ | ↓ |
| 23 | 138 | 6.15.04 | AC | INACCESSIBLE | | | 23 | | |
| 24 | 535 | 6.3.04 | F.S. | 0.01 | 6.3.04 | F.S. | 24 | | |
| 25 | 574 | ↓ | ↓ | 0.02 | ↓ | ↓ | 25 | | |
| 26 | 567 | ↓ | ↓ | 0.00 | ↓ | ↓ | 26 | | |
| 27 | 560 | ↓ | ↓ | 0.015 | ↓ | ↓ | 27 | | |
| 28 | 531 | ↓ | ↓ | 0.01 | ↓ | ↓ | 28 | | |
| 29 | 155 | 6.15.04 | AC | INACCESSIBLE | | | 29 | | |
| 30 | 443 | 6.3.04 | F.S. | | ↓ | | 30 | | |
| 31 | 439 | ↓ | ↓ | | ↓ | | 31 | | |
| 32 | 596 | ↓ | ↓ | 0.02 | 6.3.04 | F.S. | 32 | | |
| 33 | 585 | ↓ | ↓ | 0.02 | ↓ | ↓ | 33 | | |
| 34 | 542 | ↓ | ↓ | 0.015 | ↓ | ↓ | 34 | | |
| 35 | 532 | ↓ | ↓ | 0.01 | ↓ | ↓ | 35 | | |
| | | | | | | | | ↓ | ↓ |

meter 1 -

meter 1 -

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 1^{SB}12A

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|--------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 36 | 99 | 6.3.04 | AC | — | — | — | 36 | 6/03/04 | J.S. |
| 37 | 126 | | | — | — | — | 37 | | |
| 38 | 105 | | | — | — | — | 38 | | |
| 39 | 92 | | | — | — | — | 39 | | |
| 40 | 142 | | | — | — | — | 40 | | |
| 41 | 129 | | | — | — | — | 41 | | |
| 42 | 168 | | | — | — | — | 42 | | |
| 43 | 149 | | | — | — | — | 43 | | |
| 44 | 268 | | | — | — | — | 44 | | |
| 45 | 293 | | | — | — | — | 45 | | |
| 46 | 273 | | | — | — | — | 46 | | |
| 47 | 264 | | | — | — | — | 47 | | |
| 48 | 268 | | | — | — | — | 48 | | |
| 49 | 241 | | | — | — | — | 49 | | |
| 50 | 272 | | | — | — | — | 50 | | |
| 51 | 307 | | | — | — | — | 51 | | |
| 52 | 268 | | | — | — | — | 52 | | |
| 53 | 300 | | | — | — | — | 53 | | |

Survey Worksheet

Building: ~~LA~~ Lakeside Hospital

☐ MSB

Room 1st 12A

walls

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|--------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 54 | 293 | 6.3.04 | AC | — | — | — | 54 | 6/03/04 | J.S. |
| 55 | 272 | ↓ | ↓ | — | — | — | 55 | ↓ | ↓ |
| 56 | 302 | ↓ | ↓ | — | — | — | 56 | ↓ | ↓ |
| 57 | 288 | ↓ | ↓ | — | — | — | 57 | ↓ | ↓ |
| 58 | 156 | ↓ | ↓ | — | — | — | 58 | ↓ | ↓ |
| 59 | 132 | ↓ | ↓ | — | — | — | 59 | ↓ | ↓ |
| 60 | 140 | ↓ | ↓ | — | — | — | 60 | ↓ | ↓ |
| 61 | 129 | ↓ | ↓ | — | — | — | 61 | ↓ | ↓ |
| 62 | 146 | ↓ | ↓ | — | — | — | 62 | ↓ | ↓ |
| 63 | 134 | ↓ | ↓ | — | — | — | 63 | ↓ | ↓ |
| 64 | 132 | ↓ | ↓ | — | — | — | 64 | ↓ | ↓ |
| 65 | 148 | ↓ | ↓ | — | — | — | 65 | ↓ | ↓ |
| 66 | 137 | ↓ | ↓ | — | — | — | 66 | ↓ | ↓ |
| 67 | 126 | ↓ | ↓ | — | — | — | 67 | ↓ | ↓ |
| 68 | 134 | 6.3.04 | AC | — | — | — | 68 | ↓ | ↓ |
| 69 | 142 | ↓ | ↓ | — | — | — | 69 | ↓ | ↓ |
| 70 | 123 | ↓ | ↓ | — | — | — | 70 | ↓ | ↓ |
| 71 | 137 | ↓ | ↓ | — | — | — | 71 | ↓ | ↓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 1st 12A

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 72 | 134 | 6.3.04 | AC | — | — | — | 72 | 6/03/04 | J. S. |
| 73 | 139 | 6.3.04 | AC | — | — | — | 73 | | |
| 74 | 128 | 6.3.04 | AC | — | — | — | 74 | | |
| 75 | 152 | 6.3.04 | AC | — | — | — | 75 | | |
| 76 | 119 | 6.3.04 | AC | — | — | — | 76 | | |
| 77 | 134 | | | — | — | — | 77 | | |
| 78 | 142 | | | — | — | — | 78 | | |
| 79 | 135 | | | — | — | — | 79 | | |
| 80 | 145 | | | — | — | — | 80 | | |
| 81 | 162 | | | — | — | — | 81 | | |
| 82 | 136 | | | — | — | — | 82 | | |
| 83 | 143 | | | — | — | — | 83 | | |
| 84 | 93 | | | — | — | — | 84 | | |
| 85 | 76 | | | — | — | — | 85 | | |
| 86 | 137 | 6/04/04 | J. S. | — | — | — | 86 | 6.04.04 | AC |
| 87 | 140 | | | — | — | — | 87 | | |
| 88 | 152 | | | — | — | — | 88 | | |
| 89 | 194 | | | — | — | — | 89 | | |

in walls

Survey Worksheet

Building:

☒ Lakeside Hospital

☐ MSB

Room 15B-12A

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor Surface <input checked="" type="checkbox"/> cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|---------|----------|------------------------------|------|----------|----------|--------|----------|
| 90 | 113 | 6/04/04 | F.S. | | | | 90 | 6.4.04 | AC |
| 91 | 142 | | | | | | 91 | | |
| 92 | 209 | | | | | | 92 | | |
| 93 | 185 | | | | | | 93 | | |
| 94 | 149 | | | | | | 94 | | |
| 95 | 168 | | | | | | 95 | | |
| 96 | 171 | | | | | | 96 | | |
| 97 | 194 | | | | | | 97 | | |
| 98 | 163 | | | | | | 98 | | |
| 99 | 200 | | | | | | 99 | | |
| 100 | 230 | | | | | | 100 | | |
| 101 | 188 | | | | | | 57 | | |
| 102 | 174 | | | | | | 58 | | |
| 103 | 145 | | | | | | 59 | | |
| 104 | 240 | | | | | | 60 | | |
| 105 | 207 | | | | | | 61 | | |
| 106 | 160 | | | | | | 62 | | |
| 107 | 137 | | | | | | 63 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 15B12A

Surfaces

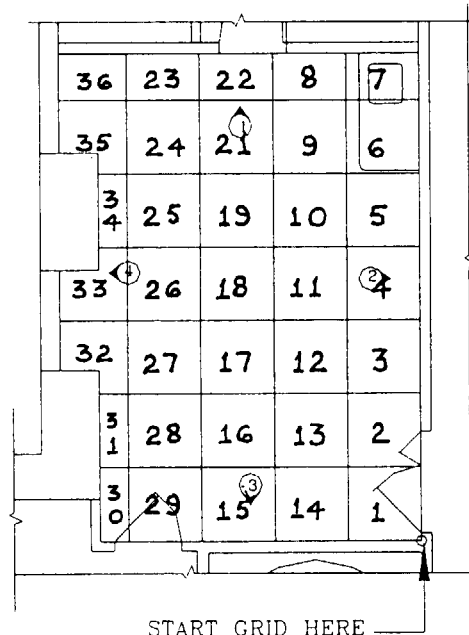
[illegible]

| | | | | |
|----|----|----|----|----|
| 61 | 63 | 65 | 67 | 69 |
| 62 | 64 | 66 | 68 | 70 |

① ELEVATION

| | | | |
|----|----|----|----|
| | 58 | 59 | 60 |
| | 56 | 57 | |
| | 54 | 55 | |
| | | 53 | |
| 49 | 51 | 52 | |
| 50 | | | |

④ ELEVATION



ROOM 254

| | | | | |
|----|----|----|----|----|
| 40 | 42 | 44 | 46 | 48 |
| 39 | 41 | 43 | 45 | 47 |

③ ELEVATION

| | |
|----|----|
| | |
| 72 | 71 |
| 74 | 73 |
| 76 | 75 |
| 78 | 77 |
| | |
| | |

② ELEVATION

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

| | | | | | | Probe Active | |
|--|-------------------|------------|-----------------------|-----------|----------|-------------------------|--------------------|
| Survey Date: | 26-Jul-04 | Instrument | Ratemeter/Probe | Ratemeter | Probe | Total | Area |
| Survey Unit #: | LS-9 | Number | Models | S/N | S/N | Efficiency ¹ | (cm ²) |
| Building: | Lakeside Hospital | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| Floor: | 2 | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| FSS Floor Classification: | 2 | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| SU DCGLw (dpm/100cm ²): | 6.94E+03 | F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |
| SU Description: Nuc Med imaging rooms, 'hot lab', adjacent hallway, and rooms 255, 256, 259, 259B, and 262. Also Room 206 in northeast corridor. | | | | | | | |

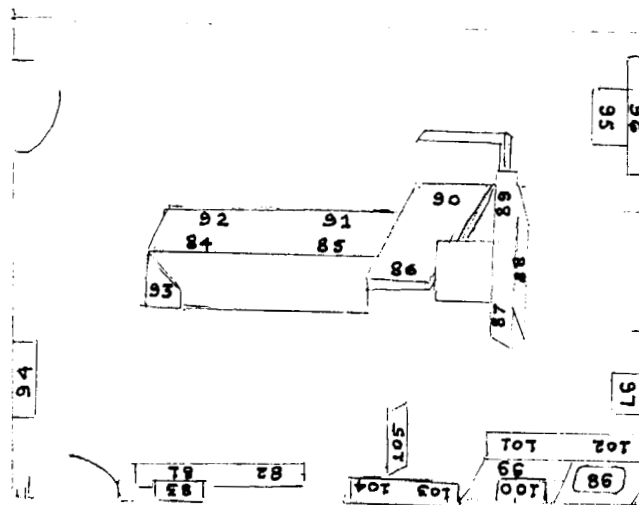
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-9.01 | S | 1 | F | C | 168 | 137.2 | 30.8 | 7.66E+02 | -1 |
| LS-9.02 | S | 1 | F | VT | 117 | 122.4 | -5.4 | -1.34E+02 | -1 |
| LS-9.03 | S | 1 | W | DW | 172 | 119.2 | 52.8 | 1.31E+03 | -1 |
| LS-9.04 | S | 1 | W | PL | 141 | 124.4 | 16.6 | 4.13E+02 | -1 |
| LS-9.05 | S | 1 | F | VT | 140 | 122.4 | 17.6 | 4.38E+02 | -1 |
| LS-9.06 | S | 1 | W | DW | 121 | 119.2 | 1.8 | 4.48E+01 | -1 |
| LS-9.07 | S | 1 | F | C | 133 | 137.2 | -4.2 | -1.04E+02 | -1 |
| LS-9.08 | S | 1 | F | VT | 122 | 122.4 | -0.4 | -9.95E+00 | -1 |
| LS-9.09 | S | 1 | F | VT | 116 | 122.4 | -6.4 | -1.59E+02 | -1 |
| LS-9.10 | S | 1 | F | VT | 122 | 122.4 | -0.4 | -9.95E+00 | -1 |
| LS-9.11 | S | 1 | CT | SST | 143 | 122 | 21 | 5.22E+02 | -1 |
| LS-9.12 | S | 1 | W | DW | 96 | 119.2 | -23.2 | -5.77E+02 | -1 |
| LS-9.13 | S | 1 | F | VT | 121 | 122.4 | -1.4 | -3.48E+01 | -1 |
| LS-9.14 | S | 1 | F | VT | 118 | 122.4 | -4.4 | -1.09E+02 | -1 |
| LS-9.15 | S | 1 | F | VT | 104 | 122.4 | -18.4 | -4.58E+02 | -1 |
| LS-9.16 | S | 1 | F | C | 119 | 137.2 | -18.2 | -4.53E+02 | -1 |
| LS-9.17 | S | 1 | F | C | 120 | 137.2 | -17.2 | -4.28E+02 | -1 |
| LS-9.18 | S | 1 | F | C | 109 | 137.2 | -28.2 | -7.01E+02 | -1 |
| LS-9.19 | S | 1 | W | DW | 156 | 119.2 | 36.8 | 9.15E+02 | -1 |
| LS-9.20 | S | 1 | F | VT | 144 | 122.4 | 21.6 | 5.37E+02 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Lower Walls | 1, 2A | (See Survey Worksheet Packages Attached) | |

| Mean | 8.86E+01 |
|---------------------------------|-----------|
| Median | -2.24E+01 |
| Range | 2.01E+03 |
| Std Dev (1 σ) | 5.34E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

NOTES:

- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = lower wall (< 2m) CT = countertop
- Surface Materials: C = Concrete VT = Vinyl Tile SST = Synthetic Stone Countertop DW = Drywall PL = Plaster
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLW, Sign = +1, Otherwise -1.



ROOM 254

Survey Worksheet

Building: ☒ Lakeside Hospital

☒ MSB

Room 254

| | |
|---|---|
| <input checked="" type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|---------|----------|----------|---------|----------|
| 1 | 437 | 6/22/04 | F.S | 0.01 | 6/22/04 | YSL | 62 | 6/22/04 | NBN |
| 2 | 421 | | | 0.01 | | | 63 | | |
| 3 | 411 | | | 0.01 | | | 64 | | |
| 4 | 394 | | | 0.01 | | | 65 | | |
| 5 | 388 | | | 0.01 | | | 66 | | |
| 6 | 403 | | | 0.01 | | | 67 | | |
| 7 | 408 | | | 0.01 | | | 68 | | |
| 8 | 388 | | | 0.005 | | | 69 | | |
| 9 | 395 | | | 0.01 | | | 70 | | |
| 10 | 404 | | | 0.01 | | | 71 | | |
| 11 | 396 | | | 0.01 | | | 72 | | |
| 12 | 411 | | | 0.01 | | | 73 | | |
| 13 | 415 | | | 0.01 | | | 74 | | |
| 14 | 441 | | | 0.01 | | | 75 | | |
| 15 | 427 | | | 0.01 | | | 76 | | |
| 16 | 408 | | | 0.015 | | | 77 | | |
| 17 | 402 | | | 0.015 | | | 78 | | |
| 18 | 394 | | | 0.01 | | | 79 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 254

| <input type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|--|--|---------|----------|------------------------|---------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 19 | 400 | 6/22/04 | F.S. | 0.015 | 6/22/04 | YSL | 80 | 6/22/04 | NSN |
| 20 | Does not exist | | | | | | | | |
| 21 | 374 | | | 0.01 | 6/22/04 | YSL | 81 | | |
| 22 | 313 | | | 0.01 | | | 82 | | |
| 23 | 371 | | | 0.01 | | | 83 | | |
| 24 | 365 | | | 0.01 | | | 84 | | |
| 25 | 361 | | | 0.005 | | | 85 | | |
| 26 | 356 | | | 0.01 | | | 86 | | |
| 27 | 374 | | | 0.01 | | | 87 | | |
| 28 | 390 | | | 0.01 | | | 88 | | |
| 29 | 381 | | | 0.01 | | | 89 | | |
| 30 | 385 | | | 0.015 | | | 90 | | |
| 31 | 393 | | | 0.02 | | | 91 | | |
| 32 | 385 | | | 0.015 | | | 92 | | |
| 33 | 319 | | | 0.01 | | | 93 | | |
| 34 | 365 | | | 0.01 | | | 94 | | |
| 35 | 392 | | | 0.015 | | | 95 | | |
| 36 | 398 | ✓ | ✓ | 0.015 | ✓ | ✓ | 96 | ✓ | ✓ |

Survey Worksheet

walls

Building:

☒ Lakeside Hospital

☐ MSB

Room 254

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input checked="" type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|---------|----------|------------------------|------|----------|----------|---------|----------|
| 37 | 111 | 6/22/04 | AC | X | | | 97 | 6/22/04 | NSM |
| 38 | 117 | | | | | | 98 | | |
| 39 | 158 | | | | | | 99 | | |
| 40 | 166 | | | | | | 100 | | |
| 41 | 172 | | | | | | 1 | | |
| 42 | 176 | | | | | | 2 | | |
| 43 | 158 | | | | | | 3 | | |
| 44 | 164 | | | | | | 4 | | |
| 45 | 120 | | | | | | 5 | | |
| 46 | 116 | | | | | | 6 | | |
| 47 | 134 | | | | | | 7 | | |
| 48 | 141 | | | | | | 8 | | |
| 49 | 139 | | | | | | 9 | | |
| 50 | 144 | | | | | | 10 | | |
| 51 | 161 | | | | | | 11 | | |
| 52 | 157 | | | | | | 12 | | |
| 53 | 128 | | | | | | 13 | | |
| 54 | 171 | | | | | | 14 | | |

walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 254

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------|------|----------|----------|---------|----------|
| 55 | 162 | 6.22.04 | AC | X | | | 15 | 6/22/04 | NSH |
| 56 | 134 | ↓ | ↓ | | | | 16 | ↓ | ↓ |
| 57 | 151 | ↓ | ↓ | | | | 17 | ↓ | ↓ |
| 58 | 148 | ↓ | ↓ | | | | 18 | ↓ | ↓ |
| 59 | 136 | ↓ | ↓ | | | | 19 | ↓ | ↓ |
| 60 | 116 | ↓ | ↓ | | | | 20 | ↓ | ↓ |
| 61 | 156 | ↓ | ↓ | | | | 21 | ↓ | ↓ |
| 62 | 149 | ↓ | ↓ | | | | 22 | ↓ | ↓ |
| 63 | 128 | 6/22/04 | NB | | | | 23 | ↓ | ↓ |
| 64 | 119 | ↓ | ↓ | | | | 24 | ↓ | ↓ |
| 65 | 117 | ↓ | ↓ | | | | 25 | ↓ | ↓ |
| 66 | 130 | ↓ | ↓ | | | | 26 | ↓ | ↓ |
| 67 | 127 | ↓ | ↓ | | | | 27 | ↓ | ↓ |
| 68 | 115 | ↓ | ↓ | | | | 28 | ↓ | ↓ |
| 69 | 132 | ↓ | ↓ | | | | 29 | ↓ | ↓ |
| 70 | 150 | ↓ | ↓ | | | | 30 | ↓ | ↓ |
| 71 | 130 | ↓ | ↓ | | | | 31 | ↓ | ↓ |
| 72 | 127 | ↓ | ↓ | | | | 32 | ↓ | ↓ |

meter 2
Det 1



walls

☒ L

254

[illegible]

Survey Worksheet

Other

Building: ☒ Lakeside Hospital

☐ MSB

Room 254

| | |
|--|---|
| <input type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input checked="" type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 81 | 135 | 6/22/04 | SH | X | | | 41 | 6/22/04 | NSH |
| 82 | 138 | | | | | | 42 | | |
| 83 | 119 | | | | | | 43 | | |
| 84 | 117 | | | | | | 44 | | |
| 85 | 112 | | | | | | 45 | | |
| 86 | 116 | | | | | | 46 | | |
| 87 | 107 | | | | | | 47 | | |
| 88 | 111 | | | | | | 48 | | |
| 89 | 116 | | | | | | 49 | | |
| 90 | 113 | | | | | | 50 | | |
| 91 | 111 | | | | | | 51 | | |
| 92 | 114 | | | | | | 52 | | |
| 93 | 106 | | | | | | 53 | | |
| 94 | 122 | | | | | | 54 | | |
| 95 | 98 | | | | | | 55 | | |
| 96 | 92 | | | | | | 56 | | |
| 97 | 116 | | | | | | 57 | | |
| 98 | 114 | | | | | | 58 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

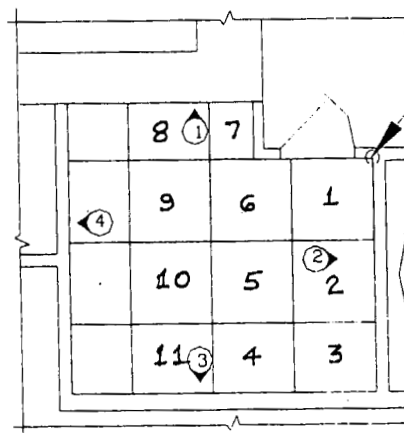
☐ **MSB**Room 254[illegible]

| | | | | | |
|----|----|----|----|----|----|
| 28 | 31 | 32 | 33 | 39 | 40 |
| 29 | 30 | 33 | 33 | 38 | 41 |

① ELEVATION

| | | |
|--|--|--|
| | | |
| | | |
| | | |
| | | |

④ ELEVATION



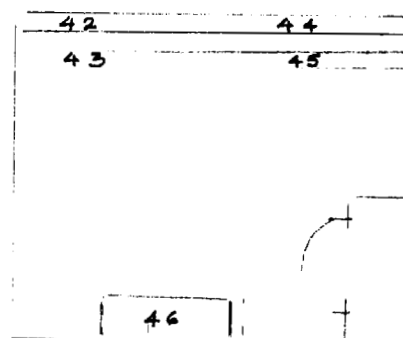
ROOM 254A

| | |
|----|----|
| 13 | 12 |
| 14 | 15 |
| 17 | 16 |
| 18 | 19 |

② ELEVATION

| | | | |
|----|----|----|----|
| 21 | 22 | 25 | 26 |
| 20 | 23 | 24 | 27 |

③ ELEVATION



ROOM 254A

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 254A

[illegible]

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 254A

| <input type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input checked="" type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 12 | 120 | 6/22/04 | SM | X | | | 27 | 6/22/04 | NSH |
| 13 | 113 | | | | | | 28 | | |
| 14 | 114 | | | | | | 29 | | |
| 15 | 116 | | | | | | 30 | | |
| 16 | 129 | | | | | | 31 | | |
| 17 | 117 | | | | | | 32 | | |
| 18 | 121 | | | | | | 33 | | |
| 19 | 125 | | | | | | 34 | | |
| 20 | 114 | | | | | | 35 | | |
| 21 | 108 | | | | | | 36 | | |
| 22 | 127 | | | | | | 37 | | |
| 23 | 99 | | | | | | 38 | | |
| 24 | 92 | | | | | | 39 | | |
| 25 | 115 | | | | | | 40 | | |
| 26 | 119 | | | | | | 41 | | |
| 27 | 109 | | | | | | 42 | | |
| 28 | 107 | | | | | | 43 | | |
| 29 | 108 | | | | | | 44 | | |

walls and surface

Survey Worksheet

Building:

☒ Lakeside Hospital

☐ MSB

Room 254A

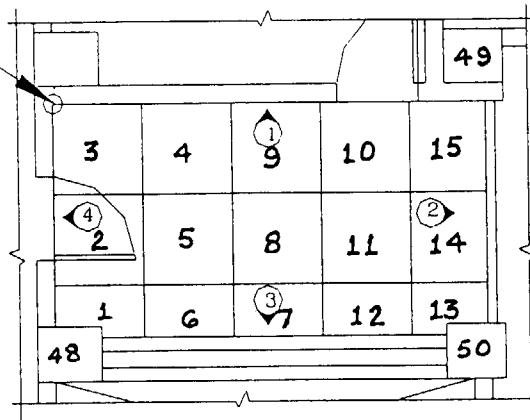
| <input type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input checked="" type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|---|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 30 | 104 | 6/22/04 | SN | X | | | 45 | 6/22/04 | NSH | |
| 31 | 104 | | | | | | | 46 | | |
| 32 | 123 | | | | | | | 47 | | |
| 33 | 150 | | | | | | | 48 | | |
| 34 | 162 | | | | | | | 49 | | |
| 35 | 170 | | | | | | | 50 | | |
| 36 | 152 | | | | | | | 51 | | |
| 37 | 158 | | | | | | | 52 | | |
| 38 | 124 | | | | | | | 53 | | |
| 39 | 110 | | | | | | | 54 | | |
| 40 | 104 | | | | | | | 55 | | |
| 41 | 92 | | | | | | | 56 | | |
| 42 | 96 | | | | | | | 57 | | |
| 43 | 94 | | | | | | | 58 | | |
| 44 | 104 | | | | | | | 59 | | |
| 45 | 113 | | | | | | | 60 | | |
| 46 | 105 | ↓ | ↓ | | | | | 61 | ↓ | ↓ |

| | | | | |
|----|----|----|----|----|
| | | | | |
| 20 | 22 | 24 | 26 | 28 |
| 21 | 23 | 25 | 27 | 29 |

① ELEVATION

START GRID HERE

| | | |
|---|----|----|
| | 18 | 19 |
| | 17 | 16 |
| 4 | 6 | 4 |
| | | |



| | |
|----|----|
| 31 | 30 |
| 33 | 32 |
| 35 | 34 |
| 37 | 36 |

④ ELEVATION

② ELEVATION

ROOM 255

| | | | | | |
|----|----|----|----|----|----|
| | 37 | 39 | 41 | 45 | 47 |
| 36 | 38 | 40 | 44 | 46 | |

③ ELEVATION

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**Room 255[illegible]

Survey Worksheet

walls

Building:

☒ Lakeside Hospital

☐ MSB

Room 255

| <input type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | Wipe No. | Date | Initials | |
|--|--|---------|----------|------------------------------|------|----------|----------|---------|----------|--|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | | | | |
| 16 | 99 | 6/22/04 | AE | X | | | 78 | 6/22/04 | NP | |
| 17 | 84 | | | | | | | 79 | | |
| 18 | 109 | | | | | | | 80 | | |
| 19 | 134 | | | | | | | 81 | | |
| 20 | 114 | | | | | | | 82 | | |
| 21 | 124 | | | | | | | 83 | | |
| 22 | 125 | | | | | | | 84 | | |
| 23 | 98 | | | | | | | 85 | | |
| 24 | 113 | | | | | | | 86 | | |
| 25 | 107 | | | | | | | 87 | | |
| 26 | 84 | | | | | | | 88 | | |
| 27 | 101 | | | | | | | 89 | | |
| 28 | 114 | | | | | | | 90 | | |
| 29 | 109 | | | | | | | 91 | | |
| 30 | 112 | | | | | | | 92 | | |
| 31 | 122 | | | | | | | 93 | | |
| 32 | 117 | | | | | | | 94 | | |
| 33 | 115 | | | | | | | 95 | | |

Walls

Survey Worksheet

Building:

☒ Lakeside Hospital

☐ MSB

Room 255

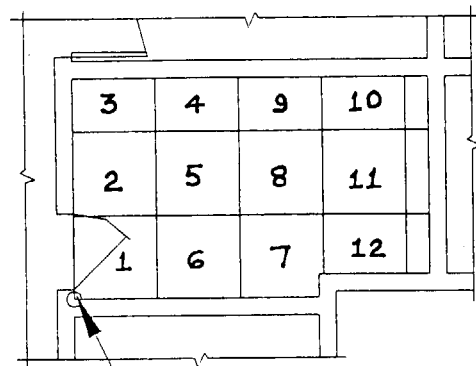
| <input type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|--|--|---------|----------|------------------------------|------|----------|----------|---------|----------|---|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 34 | 129 | 6/22/04 | AC | X | | | 96 | 6/22/04 | NB | |
| 35 | 132 | | | | | | | 97 | | |
| 36 | 124 | | | | | | | 98 | | |
| 37 | 139 | | | | | | | 99 | | |
| 38 | 143 | | | | | | | 100 | | |
| 39 | 134 | | | | | | | 1 | | |
| 40 | 142 | | | | | | | 2 | | |
| 41 | 159 | | | | | | | 3 | | |
| 42 | 143 | | | | | | | 4 | | |
| 43 | 127 | | | | | | | 5 | | |
| 44 | 119 | | | | | | | 6 | | |
| 45 | 123 | | | | | | | 7 | | |
| 46 | 102 | | | | | | | 8 | | |
| 47 | 131 | | | | | | | 9 | | |
| Other :- | | | | | - | - | - | - | - | - |
| 48 | 104 | | AC | X | | | 10 | 6/22/04 | NB | |
| 49 | 101 | | | | | | | 11 | | |
| 50 | 116 | | | | | | | 12 | | |

| | | | |
|----|----|----|----|
| 19 | 21 | 23 | 25 |
| 20 | 22 | 24 | 26 |

① ELEVATION

| | |
|----|----|
| 17 | 18 |
| 15 | 16 |
| 13 | 14 |

④ ELEVATION



START GRID HERE

ROOM 256

| | |
|----|----|
| 28 | 27 |
| 30 | 29 |
| 32 | 31 |

② ELEVATION

| | | | |
|----|----|----|----|
| 34 | 36 | 38 | 40 |
| 33 | 35 | 37 | 39 |

③ ELEVATION

| | | | |
|----|----|----|----|
| 41 | 43 | 45 | 47 |
| 42 | 44 | 46 | 48 |

ROOM 256

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 256

[illegible]

Survey Worksheet

walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 256

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 13 | 95 | 7/15/04 | 54 | | | | 13 | 7.15.04 | AE |
| 14 | 102 | | | | | | 14 | | |
| 15 | 120 | | | | | | 15 | | |
| 16 | 140 | | | | | | 16 | | |
| 17 | 138 | | | | | | 17 | | |
| 18 | 170 | | | | | | 18 | | |
| 19 | 320 | | | | | | 19 | | |
| 20 | 245 | | | | | | 20 | | |
| 21 | 193 | | | | | | 21 | | |
| 22 | 185 | | | | | | 22 | | |
| 23 | 250 | | | | | | 23 | | |
| 24 | 260 | | | | | | 24 | | |
| 25 | 519 | | | | | | 25 | | |
| 26 | 540 | | | | | | 26 | | |
| 27 | 130 | | | | | | 27 | | |
| 28 | 125 | | | | | | 28 | | |
| 29 | 127 | | | | | | 29 | | |
| 30 | 95 | | | | | | 30 | | |

walls

☐ **MSB**Room 256[illegible]

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 256

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

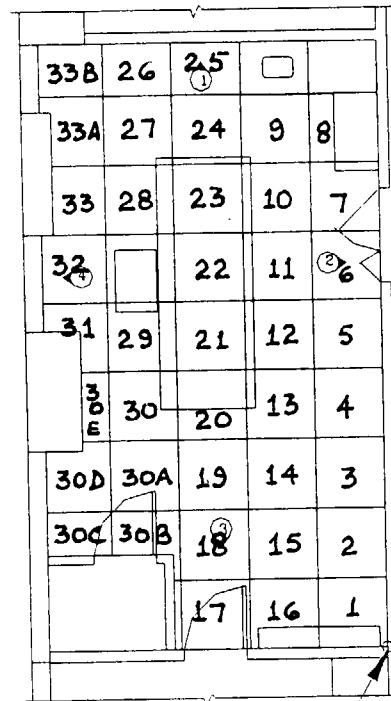
[illegible]

| | | | | |
|----|----|----|----|----|
| 56 | 55 | 52 | 51 | 50 |
| 57 | 54 | 53 | | |

① ELEVATION

| | | |
|--|----|----|
| | 59 | 58 |
| | 60 | 61 |
| | 63 | 62 |
| | 64 | 65 |
| | 67 | 66 |
| | 68 | 69 |
| | 71 | 70 |
| | 72 | 73 |
| | 75 | 74 |
| | | |
| | | |

④ ELEVATION



START GRID HERE

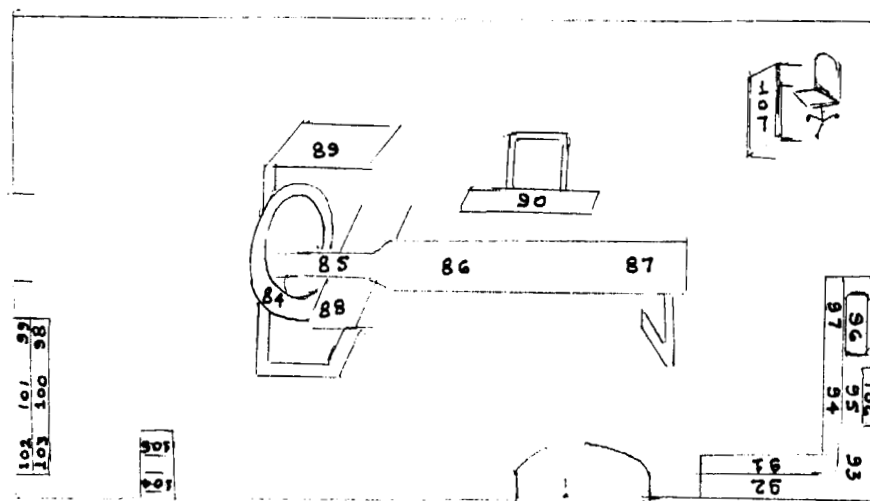
ROOM 257

| | | | | |
|----|----|--|----|----|
| 77 | 78 | | 78 | 78 |
| 76 | 79 | | 80 | 81 |

③ ELEVATION

| | | |
|--|----|--|
| | 49 | |
| | 48 | |
| | 47 | |
| | 46 | |
| | 45 | |
| | 44 | |
| | 43 | |
| | 42 | |
| | 41 | |
| | 40 | |
| | 39 | |
| | 38 | |
| | 37 | |
| | 36 | |
| | 35 | |

② ELEVATION



ROOM 257

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 257

☒ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|---------|----------|----------|---------|----------|
| 1 | 431 | 6/21/04 | JS | 0.0050 | 6/21/04 | SH | 36 | 6/21/04 | AB |
| 2 | 456 | | | 0.0200 | | | 37 | | |
| 3 | 417 | | | 0.0150 | | | 38 | | |
| 4 | 441 | | | 0.0150 | | | 39 | | |
| 5 | 436 | | | 0.0125 | | | 40 | | |
| 6 | 428 | | | 0.0125 | | | 41 | | |
| 7 | 433 | | | 0.0250 | | | 42 | | |
| 8 | 431 | | | 0.0250 | | | 43 | | |
| 9 | 434 | | | 0.0200 | | | 44 | | |
| 10 | 447 | | | 0.0200 | | | 45 | | |
| 11 | 425 | | | 0.0200 | | | 46 | | |
| 12 | 412 | | | 0.0125 | | | 47 | | |
| 13 | 431 | | | 0.0050 | | | 48 | | |
| 14 | 400 | | | 0.0200 | | | 49 | | |
| 15 | 422 | | | 0.0050 | | | 50 | | |
| 16 | 438 | | | 0.0050 | | | 51 | | |
| 17 | 411 | | | 0.0050 | | | 52 | | |
| 18 | 403 | | | 0.0050 | | | 53 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 257

☒ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|---------|----------|----------|---------|----------|
| 19 | 384 | 6/21/04 | F.S. | 0.0075 | 6/21/04 | SH | 54 | 6/21/04 | AB |
| 20 | 415 | ↓ | ↓ | 0.0050 | ↓ | ↓ | 55 | ↓ | ↓ |
| 21 | 426 | ↓ | ↓ | 0.0150 | ↓ | ↓ | 56 | ↓ | ↓ |
| 22 | 415 | ↓ | ↓ | 0.0150 | ↓ | ↓ | 57 | ↓ | ↓ |
| 23 | 398 | ↓ | ↓ | 0.0050 | ↓ | ↓ | 58 | ↓ | ↓ |
| 24 | 459 | ↓ | ↓ | 0.0150 | ↓ | ↓ | 59 | ↓ | ↓ |
| 25 | 435 | ↓ | ↓ | 0.0200 | ↓ | ↓ | 60 | ↓ | ↓ |
| 26 | 451 | ↓ | ↓ | 0.0050 | ↓ | ↓ | 61 | ↓ | ↓ |
| 27 | 435 | ↓ | ↓ | ↓ | ↓ | ↓ | 62 | ↓ | ↓ |
| 28 | 114 | 6.21.04 | AC | 0.0150 | 6/21/04 | SH | 63 | ↓ | ↓ |
| 29 | 105 | ↓ | ↓ | 0.0050 | ↓ | ↓ | 64 | ↓ | ↓ |
| 30 | 128 | ↓ | ↓ | 0.0050 | ↓ | ↓ | 65 | ↓ | ↓ |
| 30A | 393 | 6/21/04 | F.S. | 0.0050 | ↓ | ↓ | 66 | ↓ | ↓ |
| 30B | 410 | ↓ | ↓ | 0.0050 | ↓ | ↓ | 67 | ↓ | ↓ |
| 30C | 445 | ↓ | ↓ | 0.0200 | ↓ | ↓ | 68 | ↓ | ↓ |
| 30D | 121 | 6.21.04 | AC | 0.0150 | ↓ | ↓ | 69 | ↓ | ↓ |
| 30E | 403 | 6/21/04 | F.S. | ↓ | ↓ | ↓ | 70 | ↓ | ↓ |
| 31 | 123 | 6/21/04 | AC | ↓ | ↓ | ↓ | 71 | ↓ | ↓ |

extra: 1 -

extra: 1 -

extra: 1 -

Survey Worksheet

Building: ☐ Lakeside Hospital

☐ **MSB**Room 257[illegible]

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 257

walls.

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input checked="" type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 34 | 126 | 6.21.04 | AR | | | | 76 | 6/21/04 | NB |
| 35 | 115 | | | | | | 77 | | |
| 36 | 138 | | | | | | 78 | | |
| 37 | 127 | | | | | | 79 | | |
| 38 | 156 | | | | | | 80 | | |
| 39 | 143 | | | | | | 81 | | |
| 40 | 134 | | | | | | 82 | | |
| 41 | 146 | | | | | | 83 | | |
| 42 | 159 | | | | | | 84 | | |
| 43 | 183 | | | | | | 85 | | |
| 44 | 149 | | | | | | 86 | | |
| 45 | 129 | | | | | | 87 | | |
| 46 | 136 | | | | | | 88 | | |
| 47 | 143 | | | | | | 89 | | |
| 48 | 156 | | | | | | 90 | | |
| 49 | 148 | | | | | | 91 | | |
| 50 | 119 | | | | | | 92 | | |
| 51 | 137 | ✓ | ✓ | | | | 93 | ✓ | |

Survey Worksheet

walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 257

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 52 | 95 | 6.21.04 | AC | X | | | 94 | 6/21/04 | NB |
| 53 | 98 | | | | | | 95 | | |
| 54 | 163 | | | | | | 96 | | |
| 55 | 142 | | | | | | 97 | | |
| 56 | 185 | | | | | | 98 | | |
| 57 | 122 | | | | | | 99 | | |
| 58 | 111 | | | | | | 100 | | |
| 59 | 118 | | | | | | 1 | 6/21/04 | J.S. |
| 60 | 136 | | | | | | 2 | | |
| 61 | 131 | | | | | | 3 | | |
| 62 | 91 | | | | | | 4 | | |
| 63 | 98 | | | | | | 5 | | |
| 64 | 126 | | | | | | 6 | | |
| 65 | 119 | | | | | | 7 | | |
| 66 | 116 | | | | | | 8 | | |
| 67 | 104 | | | | | | 9 | | |
| 68 | 150 | | | | | | 10 | | |
| 69 | 178 | | | | | | 11 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 257

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input checked="" type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|---------|----------|------------------------|------|----------|----------|---------|----------|
| 84 | 86 | 6.22.04 | AC | X | | | 26 | 6/21/04 | J.S |
| 85 | 130 | | | | | | 27 | | |
| 86 | 109 | | | | | | 28 | | |
| 87 | 94 | | | | | | 29 | | |
| 88 | 108 | | | | | | 30 | | |
| 89 | 114 | | | | | | 31 | | |
| 90 | 103 | | | | | | 32 | | |
| 91 | 83 | | | | | | 33 | | |
| 92 | 90 | | | | | | 34 | | |
| 93 | 119 | | | | | | 35 | | |
| 94 | 124 | | | | | | 36 | | |
| 95 | 123 | | | | | | 37 | | |
| 96 | 115 | | | | | | 38 | | |
| 97 | 115 | | | | | | 39 | | |
| 98 | 116 | | | | | | 40 | | |
| 99 | 158 | | | | | | 41 | | |
| 100 | 118 | | | | | | 42 | | |
| 101 | 131 | ✓ | ✓ | | | | 43 | ✓ | ✓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 257

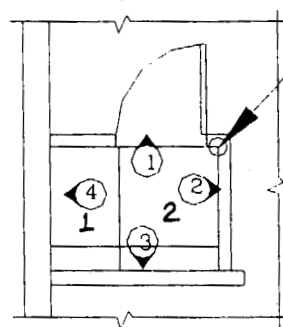
[illegible]

| | |
|----|---|
| 13 | 3 |
| 14 | 4 |

① ELEVATION

| | |
|----|----|
| 11 | 12 |
|----|----|

④ ELEVATION



-- START GRID HERE

| | |
|---|---|
| 5 | 6 |
|---|---|

② ELEVATION

ROOM 257A

| | |
|----|---|
| 6 | L |
| OT | 8 |

③ ELEVATION

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 257A

[illegible]

W 911 S 1 Surdall

Building:

☐ **MSB**

Room 257 1A

[illegible]

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 258

☒ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

| Grid Position | Meter 4 | | Meter 4 | | Meter 4 | | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|---------|----------|----------|---------|----------|
| | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | | | |
| 1 | 409 | 6/21/04 | SH | 0.0150 | 6/21/04 | SH | 73 | 6/21/04 | NB |
| 2 | 402 | | | 0.0150 | | | 74 | | |
| 3 | 395 | | | 0.0125 | | | 75 | | |
| 4 | 450 | | | 0.0100 | | | 76 | | |
| 5 | 421 | | | 0.0050 | | | 77 | | |
| 6 | 395 | | | 0.0150 | | | 78 | | |
| 7 | 422 | | | 0.0150 | | | 79 | | |
| 8 | 415 | | | 0.0150 | | | 80 | | |
| 9 | 468 | | | 0.0100 | | | 81 | | |
| 10 | 420 | | | 0.0200 | | | 82 | | |
| 11 | 405 | | | 0.0250 | | | 83 | | |
| 12 | 435 | | | 0.0050 | | | 84 | | |
| 13 | 420 | | | 0.0200 | | | 85 | | |
| 14 | 429 | | | 0.0150 | | | 86 | | |
| 15 | 460 | | | 0.0100 | | | 87 | | |
| 16 | 440 | | | 0.0100 | | | 88 | | |
| 17 | 435 | | | 0.0200 | | | 89 | | |
| 18 | 482 | | | 0.0100 | | | 90 | | |
| 19 | 430 | | | 0.0150 | | | 91 | | |
| 20 | 440 | | | 0.0100 | | | 92 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 258

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|---|--|---------|----------|------------------------|------|----------|----------|---------|----------|---|
| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 21 | 124 | 6.21.04 | Ae | X | | | 93 | 6/21/04 | AMB | |
| 22 | 135 | | | | | | | 94 | | |
| 23 | 128 | | | | | | | 95 | | |
| 24 | 116 | | | | | | | 96 | | |
| 25 | 156 | | | | | | | 97 | | |
| 26 | 148 | | | | | | | 98 | | |
| 27 | 136 | | | | | | | 99 | | |
| 28 | 114 | | | | | | | 100 | | |
| 29 | 138 | | | | | | | 1 | | |
| 30 | 115 | | | | | | | 2 | | |
| 31 | 148 | | | | | | | 3 | | |
| 32 | 137 | | | | | | | 4 | | |
| 33 | 173 | | | | | | | 5 | | |
| 34 | 146 | | | | | | | 6 | | |
| 35 | 136 | | | | | | | 7 | | |
| 36 | 147 | | | | | | | 8 | | |
| 37 | 162 | | | | | | | 9 | | |
| 38 | 123 | ✓ | ✓ | | | | | 10 | ✓ | ✓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSBRoom 258[illegible]

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 250

Surfaces

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 50 | 111 | 6.21.04 | AC | X | | | 22 | 6/21/04 | 113 |
| 51 | 102 | | | | | | 23 | | |
| 52 | 97 | | | | | | 24 | | |
| 53 | 108 | | | | | | 25 | | |
| 54 | 114 | | | | | | 26 | | |
| 55 | 98 | | | | | | 27 | | |
| 56 | 135 | | | | | | 28 | | |
| 57 | 114 | | | | | | 29 | | |
| 58 | 122 | | | | | | 30 | | |
| 59 | 135 | | | | | | 31 | | |
| 60 | 115 | | | | | | 32 | | |
| 61 | 122 | | | | | | 33 | | |
| 62 | 93 | | | | | | 34 | | |
| 63 | 91 | | | | | | 35 | | |
| 64 | | | | | | | swab | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Vac

| | | | | |
|----|----|----|----|----|
| 44 | 42 | 40 | 38 | 36 |
| 45 | 43 | 41 | 39 | 37 |

① ELEVATION

| | | |
|----|----|----|
| | | 46 |
| 47 | 48 | 50 |
| 49 | 51 | 52 |
| 53 | 54 | |
| 55 | 56 | |

④ ELEVATION

| | | | | |
|----|----|----|----|---|
| 27 | 19 | 18 | 6 | 5 |
| 26 | 20 | 17 | 10 | 4 |
| | 21 | 16 | 11 | 3 |
| 25 | 22 | 15 | 12 | 2 |
| 24 | 23 | 14 | 13 | 1 |

START GRID HERE

ROOM 260

| | |
|----|----|
| 35 | 34 |
| 33 | 32 |
| 31 | 30 |
| 28 | 29 |
| 64 | 63 |

② ELEVATION

| | | | | |
|--|----|----|----|----|
| | | 65 | 19 | 29 |
| | 75 | 85 | 09 | 79 |

③ ELEVATION

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 260

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | | |
|---|---|---------|----------|------------------------|---------|----------|----------|---------|----------|--------|---------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | | |
| 1 | 393 | 6/21/04 | F.S. | 0.0100 | 6/21/04 | SY | 5 | 6/21/04 | NB | | |
| 2 | 387 | ↓ | ↓ | 0.0050 | ↓ | ↓ | 6 | ↓ | ↓ | | |
| 3 | 419 | | | 0.0150 | | | 7 | | | | |
| 4 | 374 | | | 0.0075 | | | 8 | | | | |
| 5 | 395 | | | 0.015 | | | 9 | | | | |
| 6 | 376 | | | 0.0075 | | | 10 | | | | |
| 7 | Donut exists | | | — | | | — | | | | |
| 8 | | | | — | | | — | | | | |
| 9 | | | | — | | | — | | | | |
| 10 | 387 | | | | | | | | | 0.0075 | 6/21/04 |
| 11 | 395 | | | 0.0100 | ↓ | ↓ | 12 | | | | |
| 12 | 378 | | | 0.0150 | | | 13 | | | | |
| 13 | 404 | | | 0.0050 | | | 14 | | | | |
| 14 | 421 | | | 0.0075 | | | 15 | | | | |
| 15 | 444 | | | 0.0100 | | | 16 | | | | |
| 16 | 403 | | | 0.0100 | | | 17 | | | | |
| 17 | 396 | | | 0.0050 | | | 18 | | | | |
| 18 | 482 | ↓ | ↓ | 0.0100 | | | ↓ | ↓ | 19 | ↓ | ↓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 260

[illegible]

Survey Worksheet

W2115

Building: ☒ Lakeside Hospital

☐ MSB

Room 260

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|---|--|---------|----------|------------------------|------|----------|----------|---------|----------|--|
| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 28 | 130 | 6.21.04 | AC | X | | | 29 | 6/21/04 | NB | |
| 29 | 147 | | | | | | | 30 | | |
| 30 | 150 | | | | | | | 31 | | |
| 31 | 139 | | | | | | | 32 | | |
| 32 | 132 | | | | | | | 33 | | |
| 33 | 127 | | | | | | | 34 | | |
| 34 | 131 | | | | | | | 35 | | |
| 35 | 138 | | | | | | | 36 | | |
| 36 | 139 | | | | | | | 37 | | |
| 37 | 127 | | | | | | | 38 | | |
| 38 | 109 | | | | | | | 39 | | |
| 39 | 123 | | | | | | | 40 | | |
| 40 | 142 | | | | | | | 41 | | |
| 41 | 136 | | | | | | | 42 | | |
| 42 | 163 | | | | | | | 43 | | |
| 43 | 159 | | | | | | | 44 | | |
| 44 | 123 | | | | | | | 45 | | |
| 45 | 152 | | | | | | | 46 | | |

Survey Worksheet

Wall 15

Building: ☒ Lakeside Hospital

☐ MSB

Room 260

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|---|--|---------|----------|------------------------|------|----------|----------|---------|----------|--|
| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 46 | 151 | 6.21.04 | AC | X | | | 47 | 6/21/04 | NR | |
| 47 | 172 | | | | | | | 48 | | |
| 48 | 168 | | | | | | | 49 | | |
| 49 | 115 | | | | | | | 50 | | |
| 50 | 128 | | | | | | | 51 | | |
| 51 | 138 | | | | | | | 52 | | |
| 52 | 121 | | | | | | | 53 | | |
| 53 | 186 | | | | | | | 54 | | |
| 54 | 163 | | | | | | | 55 | | |
| 55 | 152 | | | | | | | 56 | | |
| 56 | 148 | | | | | | | 57 | | |
| 57 | 132 | | | | | | | 58 | | |
| 58 | 113 | | | | | | | 59 | | |
| 59 | 126 | | | | | | | 60 | | |
| 60 | 127 | | | | | | | 61 | | |
| 61 | 127 | | | | | | | 62 | | |
| 62 | 131 | | | | | | | 63 | | |
| 63 | 134 | | | | | | | 64 | | |
| 64 | 171 | 6.21.04 | | | | | 65 | | | |

Surfaces

MSB

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

[illegible]

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

| | | Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Total Efficiency ¹ | Probe Active Area (cm ²) |
|-------------------------------------|----------------------------|------------|------------------------|---------------|-----------|-------------------------------|--------------------------------------|
| Survey Date: | 22-Jul-04 | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| Survey Unit #: | LS-11 | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| Building: | Lakeside Hospital | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| Floor: | 2 | F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |
| FSS Floor Classification: | 2 | | | | | | |
| SU DCGLw (dpm/100cm ²): | 6.94E+03 | | | | | | |
| SU Description: | Room 716D. RIA laboratory. | | | | | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-11.01 | S | 1 | CT | SST | 137 | 122 | 15 | 3.73E+02 | -1 |
| LS-11.02 | S | 1 | F | VT | 102 | 122.4 | -20.4 | -5.07E+02 | -1 |
| LS-11.03 | S | 1 | F | VT | 125 | 122.4 | 2.6 | 6.47E+01 | -1 |
| LS-11.04 | S | 1 | F | VT | 143 | 122.4 | 20.6 | 5.12E+02 | -1 |
| LS-11.05 | S | 1 | F | VT | 133 | 122.4 | 10.6 | 2.64E+02 | -1 |
| LS-11.06 | S | 1 | F | VT | 144 | 122.4 | 21.6 | 5.37E+02 | -1 |
| LS-11.07 | S | 1 | CT | SST | 116 | 122 | -6 | -1.49E+02 | -1 |
| LS-11.08 | S | 1 | F | VT | 117 | 122.4 | -5.4 | -1.34E+02 | -1 |
| LS-11.09 | S | 1 | CT | SST | 97 | 122 | -25 | -6.22E+02 | -1 |
| LS-11.10 | S | 1 | CT | SST | 122 | 122 | 0 | 0.00E+00 | -1 |
| LS-11.11 | S | 1 | CT | SST | 122 | 122 | 0 | 0.00E+00 | -1 |
| LS-11.12 | S | 1 | F | VT | 125 | 122.4 | 2.6 | 6.47E+01 | -1 |
| LS-11.13 | S | 1 | F | VT | 123 | 122.4 | 0.6 | 1.49E+01 | -1 |
| LS-11.14 | S | 1 | F | VT | 125 | 122.4 | 2.6 | 6.47E+01 | -1 |
| LS-11.15 | S | 1 | F | VT | 97 | 122.4 | -25.4 | -6.32E+02 | -1 |
| LS-11.16 | S | 1 | F | VT | 130 | 122.4 | 7.6 | 1.89E+02 | -1 |
| LS-11.17 | S | 1 | F | VT | 132 | 122.4 | 9.6 | 2.39E+02 | -1 |
| LS-11.18 | S | 1 | F | VT | 143 | 122.4 | 20.6 | 5.12E+02 | -1 |
| LS-11.19 | S | 1 | F | VT | 152 | 122.4 | 29.6 | 7.36E+02 | -1 |
| LS-11.20 | S | 1 | CT | SST | 149 | 122 | 27 | 6.72E+02 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Lower Walls | 1 | (See Survey Worksheet Packages Attached) | |

| | |
|---------------------------------|----------|
| Mean | 1.30E+02 |
| Median | 6.47E+01 |
| Range | 1.37E+03 |
| Std Dev (1 σ) | 3.84E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

NOTES:

- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = lower wall (< 2m) CT = countertop
- Surface Materials: VT = Vinyl Tile SST = Synthetic Stone Countertop
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLw, Sign = +1, Otherwise -1.

[illegible]

① ELEVATION

| | | | |
|----|----|----|-------|
| 61 | 63 | 64 | 65 |
| 62 | | | 66 67 |

④ ELEVATION

| | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|
| 41 | 42 | 43 | 51 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 52 | 31 |
| 23 | 24 | | 25 | | 26 | | 27 | 28 | 29 | 30 |
| 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |

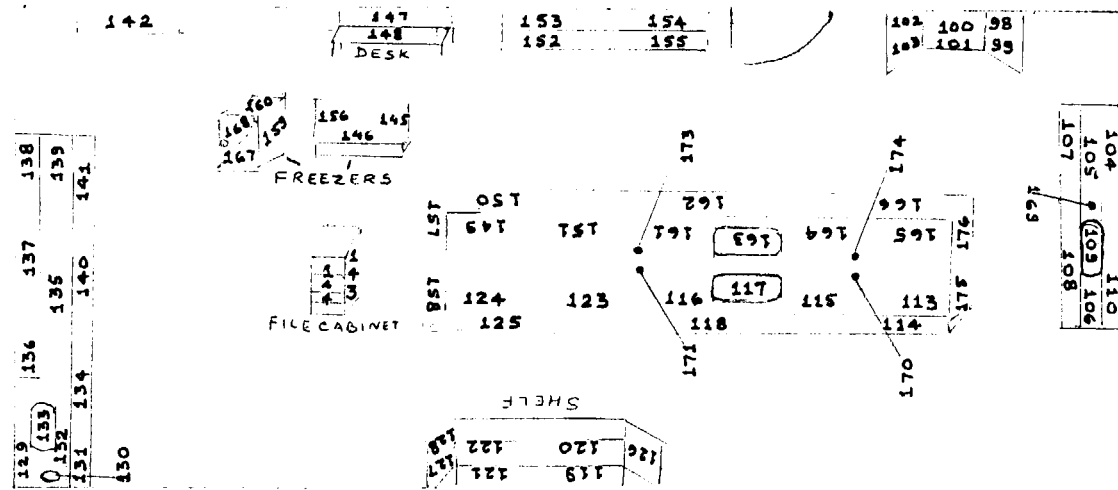
② ELEVATION

| | | | |
|----|----|----|----|
| 84 | 85 | 86 | 87 |
|----|----|----|----|

ROOM 716D

[illegible]

③ ELEVATION



ROOM 716D

Survey Worksheet

Building:

☒ Lakeside Hospital

☐ MSB

Room

716D

| | |
|---|---|
| <input checked="" type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

Meter 1

Meter 1

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|--------|----------|----------|--------|----------|
| 1 | 132 | 6.09.04 | AC | 0.02 | 6.9.04 | AC | 87 | 6.9.04 | NSH |
| 2 | 140 | ↓ | ↓ | 0.015 | ↓ | ↓ | 88 | ↓ | ↓ |
| 3 | 152 | ↓ | ↓ | 0.01 | ↓ | ↓ | 89 | ↓ | ↓ |
| 4 | 357 | ↓ | NSH | 0.015 | ↓ | ↓ | 90 | ↓ | ↓ |
| 5 | 377 | ↓ | ↓ | 0.02 | ↓ | ↓ | 91 | ↓ | ↓ |
| 6 | 389 | ↓ | ↓ | 0.015 | ↓ | ↓ | 92 | ↓ | ↓ |
| 7 | 432 | ↓ | ↓ | 0.02 | ↓ | ↓ | 93 | ↓ | ↓ |
| 8 | 425 | ↓ | ↓ | 0.01 | ↓ | ↓ | 94 | ↓ | ↓ |
| 9 | 135 | ↓ | AC | Not Accessible | ↓ | ↓ | 95 | ↓ | ↓ |
| 10 | 142 | ↓ | ↓ | " " | ↓ | ↓ | 96 | ↓ | ↓ |
| 11 | 157 | ↓ | ↓ | " " | ↓ | ↓ | 97 | ↓ | ↓ |
| 12 | 495 | ↓ | NSH | 0.015 | ↓ | ↓ | 98 | ↓ | ↓ |
| 13 | 479 | ↓ | ↓ | 0.015 | ↓ | ↓ | 99 | ↓ | ↓ |
| 14 | 425 | ↓ | ↓ | 0.025 | ↓ | ↓ | 100 | ↓ | ↓ |
| 15 | 398 | ↓ | ↓ | 0.025 | ↓ | ↓ | 1 | ↓ | ↓ |
| 16 | 442 | ↓ | ↓ | 0.015 | ↓ | ↓ | 2 | ↓ | ↓ |
| 17 | 384 | ↓ | ↓ | 0.01 | ↓ | ↓ | 3 | ↓ | ↓ |
| 18 | 350 | ↓ | ↓ | 0.015 | ↓ | ↓ | 4 | ↓ | ↓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 716D

☒ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|--------|----------|----------|--------|----------|
| 19 | 400 | 6/9/04 | NSH | 0.015 | 6.9.04 | AC | 5 | 6.9.04 | NSH |
| 20 | 321 | | | 0.015 | | | 6 | | |
| 21 | 318 | | | 0.01 | | | 7 | | |
| 22 | 140 | | AC | Not Accessible | | | 8 | | |
| 23 | 157 | | AC | " " | | | 9 | | |
| 24 | 358 | | NSH | 0.01 | 6.9.04 | AC | 10 | | |
| 25 | 115 | | AC | Not Accessible | | | 11 | | |
| 26 | 126 | | AC | " " | | | 12 | | |
| 27 | 451 | | NSH | 0.015 | 6.9.04 | AC | 13 | | |
| 28 | 414 | | | 0.01 | | | 14 | | |
| 29 | 431 | | | 0.01 | | | 15 | | |
| 30 | 479 | | | 0.01 | | | 16 | | |
| 31 | 383 | | | 0.02 | | | 17 | | |
| 32 | 460 | | | 0.015 | | | 18 | | |
| 33 | 469 | | | 0.015 | | | 19 | | |
| 34 | 418 | | | 0.015 | | | 20 | | |
| 35 | 432 | | | 0.025 | | | 21 | | |
| 36 | 374 | | | 0.015 | | | 22 | | |

Meter 1

Meter 2

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 716D

☒ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|---------|----------|----------|---------|----------|
| 37 | 333 | 6/9/04 | NSH | 0.015 | 6.9.04 | AC | 23 | 6.9.04 | NSH |
| 38 | 128 | | AC | 0.015 | | | 24 | | |
| 39 | 381 | | NSH | 0.015 | | | 25 | | |
| 40 | 135 | | AC | 0.015 | | | 26 | | |
| 41 | 97 | | AC | 0.01 | | | 27 | | |
| 42 | 375 | | NSH | 0.01 | | | 28 | | |
| 43 | 158 | | AC | 0.015 | | | 29 | | |
| 44 | 322 | | NSH | 0.015 | | | 30 | | |
| 45 | 419 | | | 0.02 | | | 31 | | |
| 46 | 478 | | | 0.01 | | | 32 | | |
| 47 | 469 | | ↓ | 0.015 | | | 33 | | |
| 48 | 153 | | AC | 0.01 | | | 34 | | |
| 49 | 509 | | NSH | 0.015 | | | 35 | | |
| 50 | 496 | ↓ | ↓ | 0.02 | ↓ | ↓ | 36 | ↓ | ↓ |
| 51 | 136 | 6.10.04 | AC | 0.025 | 6.10.04 | AC | 14 | 6.10.04 | AC |
| 52 | 122 | 6.10.04 | AC | 0.025 | 6.10.04 | AC | 15 | 6.10.04 | AC |
| 53 | 95 | | | | | | | | |
| | | | | | | | | | |

Meter 1 -

Meter 1 -

Meter 1 -

Meter 1 -

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 716D

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 53 | 95 | 6.10.04 | Ac | X | | | 16 | 6.10.04 | Ac |
| 54 | 89 | 6.10.04 | Ac | | | | 17 | | |
| 55 | 111 | 6/14/04 | Ac | | | | 18 | | |
| 56 | 105 | | | | | | 19 | | |
| 57 | 136 | | | | | | 20 | | |
| 58 | 148 | | | | | | 21 | | |
| 59 | 142 | | | | | | 22 | | |
| 60 | 139 | | | | | | 23 | | |
| 61 | 139 | | | | | | 24 | | |
| 62 | 141 | | | | | | 25 | | |
| 63 | 133 | | | | | | 26 | | |
| 64 | 147 | | | | | | 27 | | |
| 65 | 143 | | | | | | 28 | | |
| 66 | 129 | | | | | | 29 | | |
| 67 | 153 | | | | | | 30 | | |
| 68 | 142 | | | | | | 31 | | |
| 69 | 138 | | | | | 32 | | | |
| 70 | 149 | | | | | 33 | | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 716D

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|---------|----------|------------------------|------|----------|----------|---------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 71 | 120 | 6/14/04 | AC | | | | 34 | 6.10.04 | AC |
| 72 | 111 | | | | | | 35 | | |
| 73 | 148 | | | | | | 36 | | |
| 74 | 136 | | | | | | 37 | | |
| 75 | 129 | | | | | | 38 | | |
| 76 | 128 | | | | | | 39 | | |
| 77 | 133 | | | | | | 40 | | |
| 78 | 161 | | | | | | 41 | | |
| 79 | 138 | | | | | | 42 | | |
| 80 | 122 | | | | | | 43 | | |
| 81 | 154 | | | | | | 44 | | |
| 82 | 137 | | | | | | 45 | | |
| 83 | 130 | | | | | | 46 | | |
| 84 | 164 | | | | | | 47 | | |
| 85 | 174 | | | | | | 48 | | |
| 86 | 148 | | | | | | 49 | | |
| 87 | 155 | | | | | | 50 | | |
| 88 | 164 | | | | | | 51 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 716D

[illegible]

Survey Worksheet

Other

Building: ☒ Lakeside Hospital

☐ MSB

Room 716

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|--|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 98 | 121 | 6/14/04 | AC | X | | | 61 | 8.10.04 | NSH | |
| 99 | 110 | | | | | | | 62 | | |
| 100 | 123 | | | | | | | 63 | | |
| 101 | 104 | | | | | | | 64 | | |
| 102 | 132 | | | | | | | 65 | | |
| 103 | 119 | | | | | | | 66 | | |
| 104 | 128 | | | | | | | 67 | | |
| 105 | 156 | | | | | | | 68 | | |
| 106 | 129 | | | | | | | 69 | | |
| 107 | 123 | | | | | | | 70 | | |
| 108 | 121 | | | | | | | 71 | | |
| 109 | 119 | | | | | | | 72 | | |
| 110 | 127 | | | | | | | 73 | | |
| 111 | 135 | | | | | | | 74 | | |
| 112 | 120 | | | | | | | 75 | | |
| 113 | 133 | | | | | | 76 | | | |
| 114 | 109 | | | | | | 77 | | | |
| 115 | 131 | | | | | | 78 | | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 716D

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|--|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 116 | 114 | 6/14/04 | De | X | | | 79 | 8.10.04 | NSH | |
| 117 | 99 | | | | | | | 80 | | |
| 118 | 120 | | | | | | | 81 | | |
| 119 | 125 | | | | | | | 82 | | |
| 120 | 168 | | | | | | | 83 | | |
| 121 | 185 | | | | | | | 84 | | |
| 122 | 139 | | | | | | | 85 | | |
| 123 | 118 | | | | | | | 86 | | |
| 124 | 126 | | | | | | | 87 | | |
| 125 | 117 | | | | | | | 88 | | |
| 126 | 123 | | | | | | | 89 | | |
| 127 | 131 | | | | | | | 90 | | |
| 128 | 137 | | | | | | | 91 | | |
| 129 | 165 | | | | | | | 92 | | |
| 130 | 148 | | | | | | | 93 | | |
| 131 | 119 | | | | | | | 94 | | |
| 132 | 108 | | | | | | 95 | | | |
| 133 | 148 | | | | | | 96 | | | |

Survey Worksheet

other

Building: ☒ Lakeside Hospital

☐ MSB

Room 716D

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input checked="" type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 134 | 128 | 6/14/04 | AC | X | | | 97 | 8.10.04 | NS4 |
| 135 | 151 | | | | | | 98 | | |
| 136 | 138 | | | | | | 99 | | |
| 137 | 105 | | | | | | 100 | | |
| 138 | 130 | | | | | | 1 | | |
| 139 | 111 | | | | | | 2 | | |
| 140 | 148 | | | | | | 3 | | |
| 141 | 112 | | | | | | 4 | | |
| 142 | 115 | | | | | | 5 | | |
| 143 | 134 | | | | | | 6 | | |
| 144 | 113 | | | | | | 7 | | |
| 145 | 126 | | | | | | 8 | | |
| 146 | 104 | | | | | | 9 | | |
| 147 | 165 | | | | | | 10 | | |
| 148 | 134 | | | | | | 11 | | |
| 149 | 114 | | | | | | 12 | | |
| 150 | 132 | | | | | | 13 | | |
| 151 | 141 | | | | | | 14 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 716D

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 152 | 118 | 6/14/04 | AC | | | | 15 | 6.10.04 | NS4 |
| 153 | 163 | | | | | | 16 | | |
| 154 | 112 | | | | | | 17 | | |
| 155 | 118 | | | | | | 18 | | |
| 156 | 99 | | | | | | 19 | | |
| 157 | 121 | | | | | | 20 | | |
| 158 | 98 | | | | | | 21 | | |
| 159 | 126 | | | | | | 22 | | |
| 160 | 95 | | | | | | 23 | | |
| 161 | 92 | | | | | | 24 | | |
| 162 | 117 | | | | | | 25 | | |
| 163 | 66 | | | | | | 26 | | |
| 164 | 93 | | | | | | 27 | | |
| 165 | 122 | | | | | | 28 | | |
| 166 | 106 | | | | | | 29 | | |
| 167 | 101 | | | | | | 30 | | |
| 168 | 103 | | | | | | 31 | | |
| 169 | - | | | | | | Swab | | |

VAC -

Other

☐ MSB

7161

[illegible]

① ELEVATION

4 ELEVATION

START GRID HERE

ROOM 718

2 ELEVATION

3 ELEVATION

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

| | | Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Total Efficiency ¹ | Probe Active Area (cm ²) |
|-------------------------------------|-------------------|------------|------------------------|---------------|-----------|-------------------------------|--------------------------------------|
| Survey Date: | 22-Jul-04 | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| Survey Unit #: | LS-12 | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| Building: | Lakeside Hospital | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| Floor: | 7 | F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |
| FSS Floor Classification: | 2 | | | | | | |
| SU DCGLW (dpm/100cm ²): | 6.94E+03 | | | | | | |
| SU Description: | Room 718 | | | | | | |

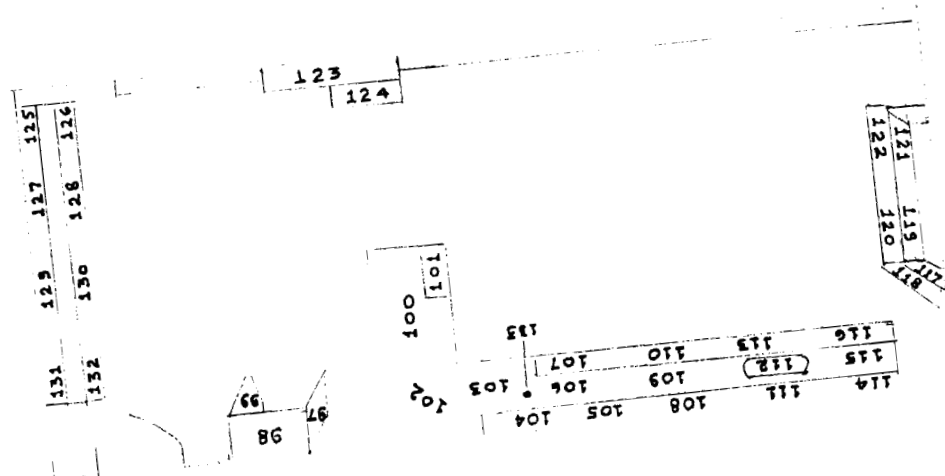
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-12.01 | S | 2a | F | VT | 137 | 122.4 | 14.6 | 3.92E+02 | -1 |
| LS-12.02 | S | 2a | F | VT | 114 | 122.4 | -8.4 | -2.26E+02 | -1 |
| LS-12.03 | S | 2a | F | VT | 121 | 122.4 | -1.4 | -3.76E+01 | -1 |
| LS-12.04 | S | 2a | F | VT | 123 | 122.4 | 0.6 | 1.61E+01 | -1 |
| LS-12.05 | S | 2a | F | VT | 120 | 122.4 | -2.4 | -6.45E+01 | -1 |
| LS-12.06 | S | 2a | F | VT | 123 | 122.4 | 0.6 | 1.61E+01 | -1 |
| LS-12.07 | S | 2a | F | VT | 126 | 122.4 | 3.6 | 9.68E+01 | -1 |
| LS-12.08 | S | 2a | F | VT | 92 | 122.4 | -30.4 | -8.17E+02 | -1 |
| LS-12.09 | S | 2a | F | VT | 99 | 122.4 | -23.4 | -6.29E+02 | -1 |
| LS-12.10 | S | 2a | F | VT | 101 | 122.4 | -21.4 | -5.75E+02 | -1 |
| LS-12.11 | S | 2a | F | VT | 92 | 122.4 | -30.4 | -8.17E+02 | -1 |
| LS-12.12 | S | 2a | F | VT | 117 | 122.4 | -5.4 | -1.45E+02 | -1 |
| LS-12.13 | S | 2a | F | VT | 138 | 122.4 | 15.6 | 4.19E+02 | -1 |
| LS-12.14 | S | 2a | F | VT | 136 | 122.4 | 13.6 | 3.66E+02 | -1 |
| LS-12.15 | S | 2a | F | VT | 113 | 122.4 | -9.4 | -2.53E+02 | -1 |
| LS-12.16 | S | 2a | CT | SST | 115 | 122 | -7 | -1.88E+02 | -1 |
| LS-12.17 | S | 2a | CT | SST | 111 | 122 | -11 | -2.96E+02 | -1 |
| LS-12.18 | S | 2a | CT | SST | 99 | 122 | -23 | -6.18E+02 | -1 |
| LS-12.19 | S | 2a | CT | SST | 127 | 122 | 5 | 1.34E+02 | -1 |
| LS-12.20 | S | 2a | F | VT | 111 | 122.4 | -11.4 | -3.06E+02 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Lower Walls | 1 | (See Survey Worksheet Packages Attached) | |

| Mean | -2.05E+02 |
|---------------------------------|-----------|
| Median | -1.67E+02 |
| Range | 1.24E+03 |
| Std Dev (1 σ) | 3.70E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

NOTES:

- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = lower wall (< 2m) CT = countertop
- Surface Materials: VT = Vinyl Tile SST = Synthetic Stone Countertop
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLW, Sign = +1, Otherwise -1.



ROOM 718

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 718

| | |
|---|---|
| <input checked="" type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|--------|----------|----------|--------|----------|
| 1 | 424 | 6/8/04 | NSH | 0.015 | 6/8/04 | NSH | 89 | 6/8/04 | NSH |
| 2 | 419 | ↓ | ↓ | 0.015 | ↓ | ↓ | 90 | ↓ | ↓ |
| 3 | 147 | 6.9.04 | AC | 0.02 | ↓ | ↓ | 91 | ↓ | ↓ |
| 4 | 154 | ↓ | ↓ | 0.02 | ↓ | ↓ | 92 | ↓ | ↓ |
| 5 | 136 | ↓ | ↓ | 0.02 | ↓ | ↓ | 93 | ↓ | ↓ |
| 6 | 86 | ↓ | ↓ | 0.015 | ↓ | ↓ | 94 | ↓ | ↓ |
| 7 | 127 | ↓ | ↓ | 0.015 | ↓ | ↓ | 95 | ↓ | ↓ |
| 8 | 108 | ↓ | ↓ | 0.01 | ↓ | ↓ | 96 | ↓ | ↓ |
| 9 | 508 | 6/9/04 | NSH | 0.01 | ↓ | ↓ | 97 | ↓ | ↓ |
| 10 | 389 | ↓ | ↓ | 0.015 | ↓ | ↓ | 98 | ↓ | ↓ |
| 11 | 421 | ↓ | ↓ | 0.02 | ↓ | ↓ | 99 | ↓ | ↓ |
| 12 | 329 | ↓ | ↓ | 0.01 | ↓ | ↓ | 100 | ↓ | ↓ |
| 13 | 342 | ↓ | ↓ | 0.01 | ↓ | ↓ | 1 | ↓ | ↓ |
| 14 | 357 | ↓ | ↓ | 0.01 | ↓ | ↓ | 2 | ↓ | ↓ |
| 15 | 375 | ↓ | ↓ | 0.02 | ↓ | ↓ | 3 | ↓ | ↓ |
| 16 | 336 | ↓ | ↓ | 0.02 | ↓ | ↓ | 4 | ↓ | ↓ |
| 17 | 114 | 6.9.04 | AC | 0.02 | ↓ | ↓ | 5 | ↓ | ↓ |
| 18 | 323 | 6/9/04 | NSH | 0.02 | ↓ | ↓ | 6 | ↓ | ↓ |

Meter 1

Meter 1

Survey Worksheet

Building: ☐ Lakeside Hospital

☐ MSB

Room 718

| | |
|---|---|
| <input checked="" type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|--------|----------|----------|--------|----------|
| 19 | 397 | 6/8/04 | NSM | 0.015 | 6/8/04 | NSM | 7 | 6/8/04 | NSM |
| 20 | 410 | | | 0.015 | | | 8 | | |
| 21 | 448 | | | 0.015 | | | 9 | | |
| 22 | 435 | | | 0.015 | | | 10 | | |
| 23 | 397 | | | 0.02 | | | 11 | | |
| 24 | 352 | | | 0.025 | | | 12 | | |
| 25 | 395 | | | 0.02 | | | 13 | | |
| 26 | 418 | | | 0.025 | | | 14 | | |
| 27 | 432 | | | 0.015 | | | 15 | | |
| 28 | 339 | | | 0.015 | | | 16 | | |
| 29 | 417 | | | 0.015 | | | 17 | | |
| 30 | 466 | | | 0.015 | | | 18 | | |
| 31 | 459 | | | 0.015 | | | 19 | | |
| 32 | 442 | | | 0.015 | | | 20 | | |
| 33 | 439 | | | 0.02 | | | 21 | | |
| 34 | 411 | | | 0.025 | | | 22 | | |
| 35 | 368 | | | 0.02 | | | 23 | | |
| 36 | 424 | ↓ | ↓ | 0.025 | ↓ | ↓ | 24 | ↓ | ↓ |

Survey Worksheet

Building: ☐ Lakeside Hospital

☐ **MSB**

Room 718

[illegible]

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital☐ MSBRoom 718

| <input type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|--|---|--------|----------|------------------------|------|----------|----------|--------|----------|--|
| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 41 | 112 | 6.9.04 | AC | X | | | 29 | 6/9/04 | NSH | |
| 42 | 123 | | | | | | | 30 | | |
| 43 | 134 | | | | | | | 31 | | |
| 44 | 126 | | | | | | | 32 | | |
| 45 | 132 | | | | | | | 33 | | |
| 46 | 141 | | | | | | | 34 | | |
| 47 | 138 | | | | | | | 35 | | |
| 48 | 129 | | | | | | | 36 | | |
| 49 | 116 | | | | | | | 37 | | |
| 50 | 127 | | | | | | | 38 | | |
| 51 | 135 | | | | | | | 39 | | |
| 52 | 128 | | | | | | | 40 | | |
| 53 | 143 | | | | | | | 41 | | |
| 54 | 122 | | | | | | | 42 | | |
| 55 | 109 | | | | | | | 43 | | |
| 56 | 95 | | | | | | | 44 | | |
| 57 | 116 | | | | | | | 45 | | |
| 58 | 132 | | | | | | | 46 | | |

walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 718

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|--------|----------|------------------------|------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 59 | 143 | 6.9.04 | AC | X | | | 47 | 6/9/04 | NSY |
| 60 | 132 | | | | | | 48 | | |
| 61 | 138 | | | | | | 49 | | |
| 62 | 124 | | | | | | 50 | | |
| 63 | 132 | | | | | | 51 | | |
| 64 | 192 | | | | | | 52 | | |
| 65 | 178 | | | | | | 53 | | |
| 66 | 163 | | | | | | 54 | | |
| 67 | 145 | | | | | | 55 | | |
| 68 | 168 | | | | | | 56 | | |
| 69 | 156 | | | | | | 57 | | |
| 70 | 158 | | | | | | 58 | | |
| 71 | 162 | | | | | | 59 | | |
| 72 | 114 | | | | | | 60 | | |
| 73 | 119 | | | | | | 61 | | |
| 74 | 105 | | | | | | 62 | | |
| 75 | 108 | | | | | | 63 | | |
| 76 | 135 | ↓ | ↓ | | | | 64 | ↓ | ↓ |

Survey Worksheet

W2115

Building: ☒ Lakeside Hospital

☐ MSB

Room 718

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|---|---|--------|----------|------------------------|------|----------|----------|--------|----------|--|
| Grid Position | <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 77 | 121 | 6.9.04 | AE | X | | | 65 | 6/9/04 | NSH | |
| 78 | 133 | | | | | | | 66 | | |
| 79 | 137 | | | | | | | 67 | | |
| 80 | 128 | | | | | | | 68 | | |
| 81 | 128 | | | | | | | 69 | | |
| 82 | 141 | | | | | | | 70 | | |
| 83 | 171 | | | | | | | 71 | | |
| 84 | 143 | | | | | | | 72 | | |
| 85 | 134 | | | | | | | 73 | | |
| 86 | 126 | | | | | | | 74 | | |
| 87 | 196 | | | | | | | 75 | | |
| 88 | 159 | | | | | | | 76 | | |
| 89 | 181 | | | | | | | 77 | | |
| 90 | 148 | | | | | | | 78 | | |
| 91 | 139 | | | | | | | 79 | | |
| 92 | 124 | | | | | | | 80 | | |
| 93 | 132 | | | | | | 81 | | | |
| 94 | 149 | | | | | | 82 | | | |
| 95 | 152 | | | | | | 83 | | | |
| 96 | 138 | | | | | | 84 | | | |

Survey Worksheet

Other

Building: ☒ Lakeside Hospital

☐ MSB

Room 718

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 97 | 123 | 6.9.04 | AE | X | | | 85 | 6/9/04 | NSH |
| 98 | 106 | | | | | | 86 | | |
| 99 | 100 | | | | | | 87 | | |
| 100 | 85 137 | | | | | | 88 | | |
| 101 | 89 | | | | | | 89 | | |
| 102 | 147 | | | | | | 90 | | |
| 103 | 121 | | | | | | 91 | | |
| 104 | 130 | | | | | | 92 | | |
| 105 | 102 | | | | | | 93 | | |
| 106 | 112 | | | | | | 94 | | |
| 107 | 126 | | | | | | 95 | | |
| 108 | 119 | | | | | | 96 | | |
| 109 | 102 | | | | | | 97 | | |
| 110 | 122 | | | | | | 98 | | |
| 111 | 138 | | | | | | 99 | | |
| 112 | 134 | | | | | | 100 | | |
| 113 | 118 | | | | | 1 | | | |
| 114 | 114 | | | | | 2 | | | |

Survey Worksheet

other

Building: ☒ Lakeside Hospital

☐ MSB

Room 718

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------|------|----------|----------|--------|----------|
| 115 | 134 | 6.9.04 | A< | | | | 3 | 6/9/04 | MSM |
| 116 | 135 | | | | | | 4 | | |
| 117 | 141 | | | | | | 5 | | |
| 118 | 156 | | | | | | 6 | | |
| 119 | 135 | | | | | | 7 | | |
| 120 | 153 | | | | | | 8 | | |
| 121 | 168 | | | | | | 9 | | |
| 122 | 133 | | | | | | 10 | | |
| 123 | 137 | | | | | | 11 | | |
| 124 | 119 | | | | | | 12 | | |
| 125 | 138 | | | | | | 13 | | |
| 126 | 154 | | | | | | 14 | | |
| 127 | 123 | | | | | | 15 | | |
| 128 | 117 | | | | | | 16 | | |
| 129 | 137 | | | | | | 17 | | |
| 130 | 128 | | | | | | 18 | | |
| 131 | 149 | | | | | | 19 | | |
| 132 | 148 | | | | | | 20 | | |

Vac - 133

Swab

~~Swab~~

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

| | | Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Total Efficiency ¹ | Probe Active Area (cm ²) |
|-------------------------------------|-------------------|-----------------------------------|------------------------|---------------|-----------|-------------------------------|--------------------------------------|
| Survey Date: | 22-Jul-04 | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| Survey Unit #: | LS-13 | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| Building: | Lakeside Hospital | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| Floor: | 7 | F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |
| FSS Floor Classification: | 2 | | | | | | |
| SU DCGLw (dpm/100cm ²): | 6.94E+03 | | | | | | |
| SU Description: | | Portion of Room 731 and Room 732. | | | | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-13.01 | S | 1 | W | PL | 138 | 124.4 | 13.6 | 3.38E+02 | -1 |
| LS-13.02 | S | 1 | CT | SST | 103 | 122 | -19 | -4.73E+02 | -1 |
| LS-13.03 | S | 1 | W | PL | 190 | 124.4 | 65.6 | 1.63E+03 | -1 |
| LS-13.04 | S | 1 | F | C | 120 | 137.2 | -17.2 | -4.28E+02 | -1 |
| LS-13.05 | S | 1 | F | VT | 137 | 122.4 | 14.6 | 3.63E+02 | -1 |
| LS-13.06 | S | 1 | F | VT | 129 | 122.4 | 6.6 | 1.64E+02 | -1 |
| LS-13.07 | S | 1 | F | VT | 144 | 122.4 | 21.6 | 5.37E+02 | -1 |
| LS-13.08 | S | 1 | F | C | 123 | 137.2 | -14.2 | -3.53E+02 | -1 |
| LS-13.09 | S | 1 | F | VT | 123 | 122.4 | 0.6 | 1.49E+01 | -1 |
| LS-13.10 | S | 1 | F | VT | 120 | 122.4 | -2.4 | -5.97E+01 | -1 |
| LS-13.11 | S | 1 | F | VT | 131 | 122.4 | 8.6 | 2.14E+02 | -1 |
| LS-13.12 | S | 1 | F | C | 108 | 137.2 | -29.2 | -7.26E+02 | -1 |
| LS-13.13 | S | 1 | F | VT | 112 | 122.4 | -10.4 | -2.59E+02 | -1 |
| LS-13.14 | S | 1 | F | VT | 117 | 122.4 | -5.4 | -1.34E+02 | -1 |
| LS-13.15 | S | 1 | F | VT | 114 | 122.4 | -8.4 | -2.09E+02 | -1 |
| LS-13.16 | S | 1 | F | C | 100 | 137.2 | -37.2 | -9.25E+02 | -1 |
| LS-13.17 | S | 1 | F | VT | 134 | 122.4 | 11.6 | 2.89E+02 | -1 |
| LS-13.18 | S | 1 | F | VT | 147 | 122.4 | 24.6 | 6.12E+02 | -1 |
| LS-13.19 | S | 1 | F | VT | 115 | 122.4 | -7.4 | -1.84E+02 | -1 |
| LS-13.20 | S | 1 | F | C | 127 | 137.2 | -10.2 | -2.54E+02 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Lower Walls | 1 | (See Survey Worksheet Packages Attached) | |

| Mean | 1.63E+01 |
|---------------------------------|-----------|
| Median | -9.70E+01 |
| Range | 2.56E+03 |
| Std Dev (1 σ) | 5.70E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

NOTES:

- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = lower wall (< 2m) CT = countertop
- Surface Materials: VT = Vinyl Tile SST = Synthetic Stone Countertop C = Concrete PL = Plaster
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLw, Sign = +1, Otherwise -1.

| | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|
| 80 | | 77 | 75 | 73 | 71 | | 68 | 65 | | 63 |
| 81 | 79 | 78 | 76 | 74 | 72 | 70 | 69 | 67 | 66 | 64 |

| | |
|----|----|
| 82 | 83 |
| 84 | 85 |
| 86 | 87 |
| | |

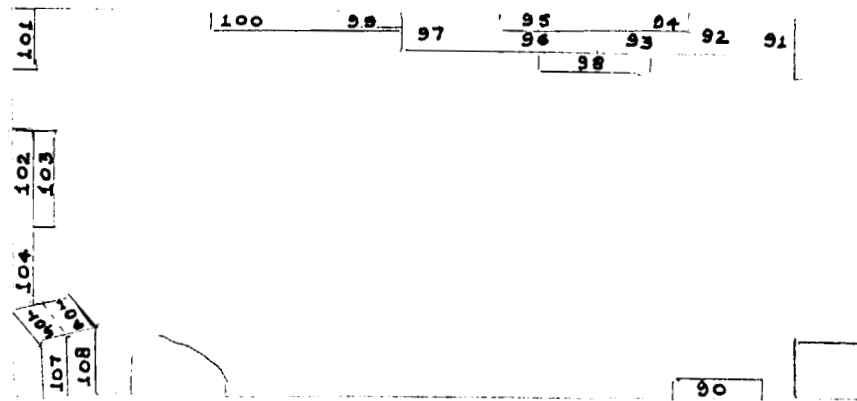
| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 28 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

| | |
|----|----|
| 62 | 61 |
| 60 | 59 |
| 58 | 57 |
| 54 | 53 |

GRID STARTS HERE →

| | | | | | | | | | | | | | | | | |
|----|----|---|----|----|----|----|----|----|----|----|----|----|----|---|----|----|
| 88 | 37 | 3 | 41 | 9 | | | | | | | | 4 | 42 | 0 | 38 | 89 |
| | | | 43 | 45 | 47 | 49 | 46 | 48 | 50 | 52 | 54 | 56 | 51 | 3 | 5 | 53 |

ROOM 732



ROOM 732

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 732

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|---------|----------|----------|---------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 1 | 401 | 7/11/04 | NSM | 0.02 | 7/11/04 | NSM | 92 | 7/11/04 | NSM |
| 2 | 388 | | | 0.02 | | | 93 | | |
| 3 | 434 | | | 0.02 | | | 94 | | |
| 4 | 395 | | | 0.01 | | | 95 | | |
| 5 | 424 | | | 0.01 | | | 96 | | |
| 6 | 376 | | | 0.01 | | | 97 | | |
| 7 | 411 | | | 0.01 | | | 98 | | |
| 8 | 456 | | | 0.01 | | | 99 | | |
| 9 | 420 | | | 0.01 | | | 100 | | |
| 10 | 410 | | | 0.01 | | | 70 | | |
| 11 | 437 | | | 0.01 | | | 71 | | |
| 12 | 432 | | | 0.01 | | | 72 | | |
| 13 | 438 | | | 0.01 | | | 73 | | |
| 14 | 381 | | | 0.01 | | | 74 | | |
| 15 | 462 | | | 0.01 | | | 75 | | |
| 16 | 396 | | | 0.01 | | | 76 | | |
| 17 | 390 | | | 0.01 | | | 77 | | |
| 18 | 415 | | | 0.01 | | | 78 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 732

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|--------|----------|----------|--------|----------|
| 19 | 450 | 7/1/04 | NSH | 0.01 | 7/1/04 | NSH | 79 | 7/1/04 | NSH |
| 20 | 386 | | | 0.01 | | | 80 | | |
| 21 | 410 | | | 0.01 | | | 81 | | |
| 22 | 462 | | | 0.01 | | | 82 | | |
| 23 | 407 | | | 0.01 | | | 83 | | |
| 24 | 426 | | | 0.01 | | | 84 | | |
| 25 | 430 | | | 0.01 | | | 85 | | |
| 26 | 435 | | | 0.01 | | | 86 | | |
| 27 | 487 | | | 0.015 | | | 87 | | |
| 28 | 376 | | | 0.05 | | | 88 | | |
| 29 | 141 | | | 0.01 | | | 89 | | |
| 30 | 158 | | | 0.005 | | | 90 | | |
| 31 | 162 | | | 0.005 | | | 91 | | |
| 32 | 146 | | | 0.005 | | | 92 | | |
| 33 | 384 | | | 0.01 | | | 93 | | |
| 34 | 351 | | | 0.015 | | | 94 | | |
| 35 | 394 | | | 0.015 | | | 95 | | |
| 36 | 464 | | | 0.015 | | | 96 | | |

Meter 1

Survey Worksheet

Walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 732

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|--------|----------|------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 37 | 123 | 7.1.04 | AC | | | | 97 | 7/11/04 | NSH |
| 38 | 131 | | | | | | 98 | | |
| 39 | 137 | | | | | | 99 | | |
| 40 | 124 | | | | | | 100 | | |
| 41 | 143 | | | | | | 50 | | |
| 42 | 158 | | | | | | 51 | | |
| 43 | 127 | | | | | | 52 | | |
| 44 | 136 | | | | | | 53 | | |
| 45 | 161 | | | | | | 54 | | |
| 46 | 168 | | | | | | 55 | | |
| 47 | 146 | | | | | | 56 | | |
| 48 | 152 | | | | | | 57 | | |
| 49 | 138 | | | | | | 58 | | |
| 50 | 145 | | | | | | 59 | | |
| 51 | 153 | | | | | | 60 | | |
| 52 | 149 | | | | | | 61 | | |
| 53 | 156 | | | | | | 62 | | |
| 54 | 162 | | | | | | 63 | | |

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 732

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|--------|----------|------------------------------|------|----------|----------|--------|----------|
| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 55 | 146 | 7.1.04 | AC | | | | 64 | 7/1/04 | NSH |
| 56 | 178 | | | | | | 65 | | |
| 57 | 149 | | | | | | 66 | | |
| 58 | 153 | | | | | | 67 | | |
| 59 | 137 | | | | | | 68 | | |
| 60 | 145 | | | | | | 69 | | |
| 61 | 156 | | | | | | 70 | | |
| 62 | 174 | | | | | | 71 | | |
| 63 | 167 | | | | | | 72 | | |
| 64 | 155 | | | | | | 73 | | |
| 65 | 149 | | | | | | 74 | | |
| 66 | 136 | | | | | | 75 | | |
| 67 | 142 | | | | | | 76 | | |
| 68 | 133 | | | | | | 77 | | |
| 69 | 137 | | | | | | 78 | | |
| 70 | 152 | | | | | | 79 | | |
| 71 | 159 | | | | | | 80 | | |
| 72 | 144 | | | | | | 81 | | |

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 732

| <input type="checkbox"/> Floor Monitor 84 Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|--------|----------|------------------------|------|----------|----------|--------|----------|
| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 73 | 167 | 7.1.04 | AC | | | | 82 | 7/1/04 | NSM |
| 74 | 142 | | | | | | 83 | | |
| 75 | 173 | | | | | | 84 | | |
| 76 | 180 | | | | | | 85 | | |
| 77 | 174 | | | | | | 86 | | |
| 78 | 138 | | | | | | 87 | | |
| 79 | 148 | | | | | | 88 | | |
| 80 | 154 | | | | | | 89 | | |
| 81 | 136 | | | | | | 90 | | |
| 82 | 183 | | | | | | 91 | | |
| 83 | 166 | | | | | | 92 | | |
| 84 | 125 | | | | | | 93 | | |
| 85 | 139 | | | | | | 94 | | |
| 86 | 128 | | | | | | 95 | | |
| 87 | 140 | | | | | | 96 | | |
| 88 | 145 | | | | | | 97 | | |
| 89 | 151 | | | | | | 98 | | |
| 90 | 175 | | | | | | 99 | | |

↓
Surface

Survey Worksheet

Surface

Building: ☒ Lakeside Hospital

☐ MSB

Room 732

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input checked="" type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|--|---|--------|----------|------------------------|------|----------|----------|--------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 91 | 126 | 7.7.04 | AC | | | | 100 | 7/1/04 | NSH |
| 92 | 155 | | | | | | 6 | | |
| 93 | 119 | | | | | | 7 | | |
| 94 | 130 | | | | | | 8 | | |
| 95 | 112 | | | | | | 9 | | |
| 96 | 133 | | | | | | 10 | | |
| 97 | 106 | | | | | | 11 | | |
| 98 | 152 | | | | | | 12 | | |
| 99 | 168 | | | | | | 13 | | |
| 100 | 144 | | | | | | 14 | | |
| 101 | 116 | | | | | | 15 | | |
| 102 | 141 | | | | | | 16 | | |
| 103 | 145 | | | | | | 17 | | |
| 104 | 148 | | | | | | 18 | | |
| 105 | 126 | | | | | | 19 | | |
| 106 | 103 | | | | | | 20 | | |
| 107 | 148 | | | | | | 21 | | |
| 108 | 161 | | | | | | 22 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 733

[illegible]

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

| Survey Date: | 22-Jul-04 | Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Total Efficiency ¹ | Probe Active Area (cm ²) |
|-------------------------------------|--------------------------|------------|------------------------|---------------|-----------|-------------------------------|--------------------------------------|
| Survey Unit #: | LS-14 | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| Building: | Lakeside Hospital | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| Floor: | 7 | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| FSS Floor Classification: | 2 | F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |
| SU DCGLW (dpm/100cm ²): | 6.94E+03 | | | | | | |
| SU Description: | Rooms 734, 734A, and 735 | | | | | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-14.01 | S | 2a | F | VT | 113 | 122.4 | -9.4 | -2.53E+02 | -1 |
| LS-14.02 | S | 2a | W | PL | 115 | 124.4 | -9.4 | -2.53E+02 | -1 |
| LS-14.03 | S | 2a | F | VT | 103 | 122.4 | -19.4 | -5.22E+02 | -1 |
| LS-14.04 | S | 2a | F | VT | 101 | 122.4 | -21.4 | -5.75E+02 | -1 |
| LS-14.05 | S | 2a | F | VT | 112 | 122.4 | -10.4 | -2.80E+02 | -1 |
| LS-14.06 | S | 2a | F | VT | 116 | 122.4 | -6.4 | -1.72E+02 | -1 |
| LS-14.07 | S | 2a | F | VT | 110 | 122.4 | -12.4 | -3.33E+02 | -1 |
| LS-14.08 | S | 2a | F | VT | 100 | 122.4 | -22.4 | -6.02E+02 | -1 |
| LS-14.09 | S | 2a | F | VT | 104 | 122.4 | -18.4 | -4.95E+02 | -1 |
| LS-14.10 | S | 2a | F | VT | 121 | 122.4 | -1.4 | -3.76E+01 | -1 |
| LS-14.11 | S | 2a | F | VT | 135 | 122.4 | 12.6 | 3.39E+02 | -1 |
| LS-14.12 | S | 2a | F | VT | 114 | 122.4 | -8.4 | -2.26E+02 | -1 |
| LS-14.13 | S | 2a | W | PL | 127 | 124.4 | 2.6 | 6.99E+01 | -1 |
| LS-14.14 | S | 2a | F | VT | 99 | 122.4 | -23.4 | -6.29E+02 | -1 |
| LS-14.15 | S | 2a | F | VT | 121 | 122.4 | -1.4 | -3.76E+01 | -1 |
| LS-14.16 | S | 2a | F | VT | 102 | 122.4 | -20.4 | -5.48E+02 | -1 |
| LS-14.17 | S | 2a | F | VT | 121 | 122.4 | -1.4 | -3.76E+01 | -1 |
| LS-14.18 | S | 2a | F | VT | 125 | 122.4 | 2.6 | 6.99E+01 | -1 |
| LS-14.19 | S | 2a | F | VT | 108 | 122.4 | -14.4 | -3.87E+02 | -1 |
| LS-14.20 | S | 2a | F | VT | 123 | 122.4 | 0.6 | 1.61E+01 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Lower Walls | 1 | (See Survey Worksheet Packages Attached) | |

| Mean | -2.44E+02 |
|---------------------------------|-----------|
| Median | -2.53E+02 |
| Range | 9.68E+02 |
| Std Dev (1 σ) | 2.86E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

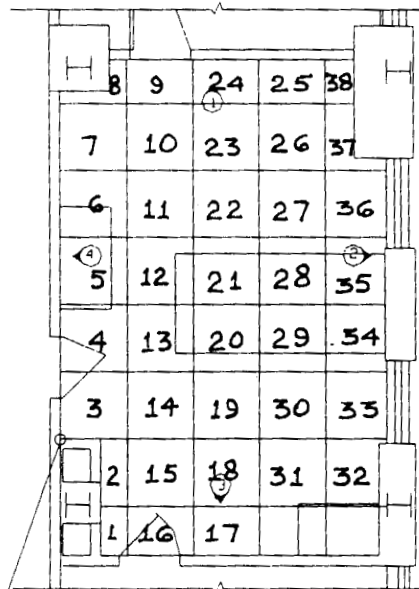
NOTES:

- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = lower wall (< 2m)
- Surface Materials: VT = Vinyl Tile PL = Plaster
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLW, Sign = +1, Otherwise -1.

| | | | | | |
|----|----|----|----|----|----|
| 48 | 52 | 54 | 56 | 58 | 60 |
| 49 | 53 | 55 | 57 | 59 | 61 |

① ELEVATION

| | |
|----|----|
| 50 | 51 |
| 46 | 47 |
| 44 | 45 |
| 43 | |
| 41 | 42 |
| 39 | 40 |
| 87 | 88 |
| 85 | 86 |



④ ELEVATION

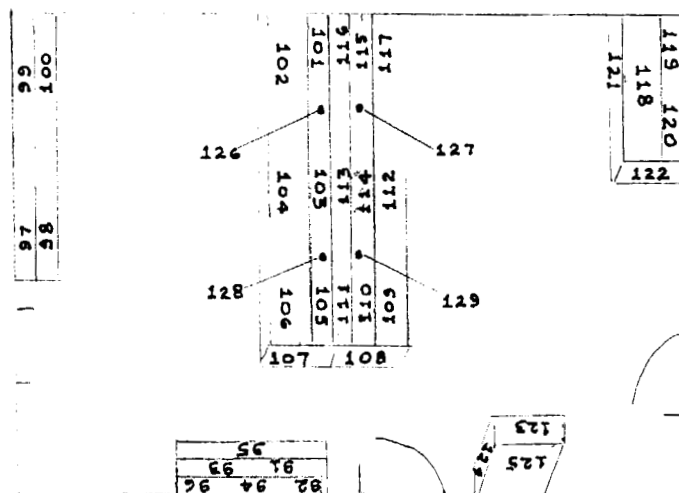
ROOM 734

| | |
|----|----|
| 61 | 60 |
| 62 | 63 |
| 66 | |
| 69 | 68 |
| 71 | 70 |
| 72 | |
| 74 | 73 |
| 76 | 75 |
| | 77 |

② ELEVATION

| | | | | |
|----|----|----|----|----|
| 90 | 84 | 82 | 80 | |
| 89 | 83 | 81 | 79 | 78 |

③ ELEVATION



ROOM 734

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 734

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|--------|----------|------------------------|--------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 1 | 339 | 6/4/04 | J.S. | 0.10 | 6/4/04 | J.S. | 97 | 6/4/04 | NSM |
| 2 | 353 | | | 0.10 | | | 98 | | |
| 3 | 394 | | | 0.15 | | | 99 | | |
| 4 | 338 | | | 0.10 | | | 100 | | |
| 5 | 357 | | | 0.10 | | | 68 | | |
| 6 | 422 | | | 0.20 | | | 69 | | |
| 7 | 355 | | | 0.10 | | | 70 | | |
| 8 | 419 | | | 0.10 | | | 71 | | |
| 9 | 427 | | | 0.05 | | | 72 | | |
| 10 | 381 | | | 0.15 | | | 73 | | |
| 11 | 392 | | | 0.10 | | | 74 | | |
| 12 | 325 | | | 0.05 | | | 75 | | |
| 13 | 363 | | | 0.05 | | | 76 | | |
| 14 | 371 | | | 0.05 | | | 77 | | |
| 15 | 357 | | | 0.05 | | | 78 | | |
| 16 | | | | 0.05 | | | 79 | | |
| 17 | 436 | | | 0.10 | | | 80 | | |
| 18 | 381 | | | 0.05 | | | 81 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 734

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|--------|----------|------------------------|---------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 19 | 401 | 6/4/04 | J.S. | 0.05 | 6/04/04 | J.S. | 82 | 6/4/04 | NSH |
| 20 | 395 | | | 0.10 | | | 83 | | |
| 21 | 313 | | | 0.15 | | | 84 | | |
| 22 | 384 | | | 0.10 | | | 85 | | |
| 23 | 427 | | | 0.15 | | | 86 | | |
| 24 | 410 | | | 0.10 | | | 87 | | |
| 25 | 426 | | | 0.10 | | | 88 | | |
| 26 | 385 | | | 0.05 | | | 89 | | |
| 27 | 370 | | | 0.20 | | | 90 | | |
| 28 | 368 | | | 0.20 | | | 91 | | |
| 29 | 382 | | | 0.10 | | | 92 | | |
| 30 | 361 | | | 0.15 | | | 93 | | |
| 31 | 347 | | | 0.20 | | | 94 | | |
| 32 | 373 | | | 0.15 | | | 95 | | |
| 33 | 416 | | | 0.10 | | | 96 | | |
| 34 | 440 | | | 0.15 | | | 97 | | |
| 35 | 405 | | | 0.10 | | | 98 | | |
| 36 | 424 | | | 0.10 | | | 99 | | |
| 37 | 389 | | | 0.05 | | | 100 | | |
| 38 | 439 | | | 0.10 | | | 1 | | |

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 734

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|-------|----------|------------------------|------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 39 | 124 | 6.4.4 | AC | X | | | 2 | 6/4/04 | NSH |
| 40 | 118 | | | | | | 3 | | |
| 41 | 109 | | | | | | 4 | | |
| 42 | 122 | | | | | | 5 | | |
| 43 | 133 | | | | | | 6 | | |
| 44 | 119 | | | | | | 7 | | |
| 45 | 125 | | | | | | 8 | | |
| 46 | 138 | | | | | | 9 | | |
| 47 | 122 | | | | | | 10 | | |
| 48 | 114 | | | | | | 11 | | |
| 49 | 127 | | | | | | 12 | | |
| 50 | 132 | | | | | | 13 | | |
| 51 | 109 | | | | | | 14 | | |
| 52 | 130 | | | | | | 15 | | |
| 53 | 115 | | | | | | 16 | | |
| 54 | 141 | | | | | | 17 | | |
| 55 | 155 | | | | | | 18 | | |
| 56 | 147 | | | | | | 19 | | |

walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 734

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 57 | 164 | 6-4-04 | AC | X | | | 20 | 6/4/04 | HSy |
| 58 | 139 | | | | | | 21 | | |
| 59 | 146 | | | | | | 22 | | |
| 60 | 132 | | | | | | 23 | | |
| 61 | 127 | | | | | | 24 | | |
| 62 | 145 | | | | | | 25 | | |
| 63 | 158 | | | | | | 26 | | |
| 64 | 126 | | | | | | 27 | | |
| 65 | 147 | | | | | | 28 | | |
| 66 | 134 | | | | | | 29 | | |
| 67 | 112 | | | | | | 30 | | |
| 68 | 163 | | | | | | 31 | | |
| 69 | 132 | | | | | | 32 | | |
| 70 | 142 | | | | | | 33 | | |
| 71 | 154 | | | | | | 34 | | |
| 72 | 139 | | | | | | 35 | | |
| 73 | 166 | | | | | | 36 | | |
| 74 | 158 | | | | | 37 | | | |

5/12/23

☐

734

[illegible]

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 734

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | Meter 4 | | | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| | | | | 1 meter Exp. Rate mR/h | Date | Initials | | | |
| 91 | 106 | 6.4.04 | AC | | | | 54 | 6/4/04 | NSM |
| 92 | 112 | | | | | | 55 | | |
| 93 | 140 | | | | | | 56 | | |
| 94 | 136 | | | | | | 57 | | |
| 95 | 122 | | | | | | 58 | | |
| 96 | 108 | | | | | | 59 | | |
| 97 | 129 | | | | | | 60 | | |
| 98 | 142 | | | | | | 61 | | |
| 99 | 115 | | | | | | 62 | | |
| 100 | 141 | | | | | | 63 | | |
| 101 | 131 | | | | | | 64 | | |
| 102 | 120 | | | | | | 65 | | |
| 103 | 128 | | | | | | 66 | | |
| 104 | 126 | | | | | | 67 | | |
| 105 | 125 | | | | | | 68 | | |
| 106 | 114 | | | | | | 69 | | |
| 107 | 122 | | | | | | 70 | | |
| 108 | 111 | | | | | | 71 | | |

Surfaces

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 734

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input checked="" type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| 109 | 126 | 6/4/04 | AC | | | | 72 | 6/4/04 | NSH |
| 110 | 114 | | | | | | 73 | | |
| 111 | 128 | | | | | | 74 | | |
| 112 | 110 | | | | | | 75 | | |
| 113 | 128 | | | | | | 76 | | |
| 114 | 135 | | | | | | 77 | | |
| 115 | 107 | | | | | | 78 | | |
| 116 | 131 | | | | | | 79 | | |
| 117 | 127 | | | | | | 80 | | |
| 118 | 126 | | | | | | 81 | | |
| 119 | 142 | | | | | | 82 | | |
| 120 | 146 | | | | | | 83 | | |
| 121 | 129 | | | | | | 84 | | |
| 122 | 126 | | | | | | 85 | | |
| 123 | 114 | | | | | | 86 | | |
| 124 | 149 | | | | | | 87 | | |
| 125 | 128 | ✓ | ✓ | | | | 88 | | |
| 126 | - | - | - | | | | swab | | |
| 127 | - | - | - | | | | | | |
| 128 | - | - | - | | | | | | |

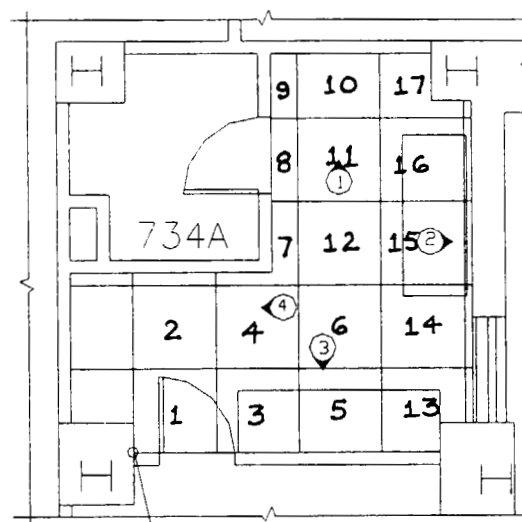
ACS

| | | | | | | |
|--|--|--|--------|----|----|--------|
| | | | 3 3 | 35 | 37 | 4 1 |
| | | | 3 4 | 36 | 38 | 4 2 |

① ELEVATION

| | | |
|--|----|----|
| | 31 | 32 |
| | 29 | 30 |
| | 27 | 28 |
| | | |
| | 25 | 26 |

④ ELEVATION



| | |
|----|----|
| 40 | 39 |
| 44 | 43 |
| | |
| | |
| | |

② ELEVATION

| | | | | |
|--|--|----|----|---------|
| | | 50 | | 6 4 |
| | | 49 | 48 | 47 4 |

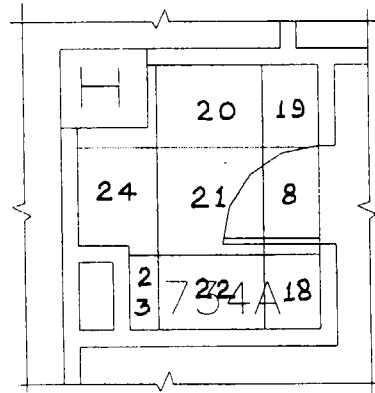
③ ELEVATION

| | | |
|----|----|----|
| 65 | 69 | 70 |
| 66 | | |

① ELEVATION

| | | |
|--|----|----|
| | 67 | 68 |
| | 63 | 64 |
| | 60 | 59 |

④ ELEVATION

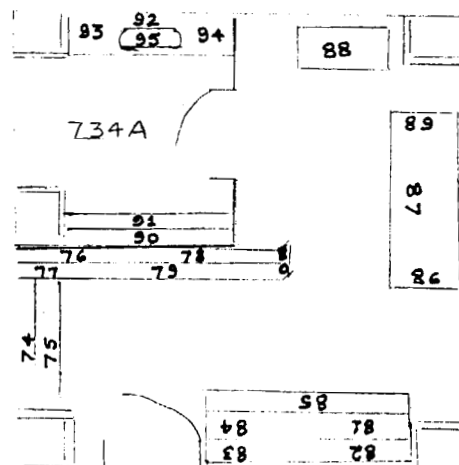


| | | |
|----|----|--|
| | 71 | |
| 72 | 73 | |
| 52 | 51 | |

② ELEVATION

| | | |
|----|----|----|
| 58 | 55 | 54 |
| 57 | 56 | 53 |

③ ELEVATION



ROOM 734-1

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 734-1/734A

| | |
|---|---|
| <input checked="" type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|--------|----------|----------|----------|----------|
| 1 | 422 | 6.7.04 | AC | 0.02 | 6.7.04 | AC | 57 | 06/07/04 | NO |
| 2 | 396 | ↓ | ↓ | 0.015 | ↓ | ↓ | 58 | ↓ | ↓ |
| 3 | 419 | ↓ | ↓ | 0.015 | ↓ | ↓ | 59 | ↓ | ↓ |
| 4 | 406 | ↓ | ↓ | 0.025 | ↓ | ↓ | 60 | ↓ | ↓ |
| 5 | 384 | ↓ | ↓ | 0.015 | ↓ | ↓ | 61 | ↓ | ↓ |
| 6 | 422 | ↓ | ↓ | 0.015 | ↓ | ↓ | 62 | ↓ | ↓ |
| 7 | 419 | ↓ | ↓ | 0.02 | ↓ | ↓ | 63 | ↓ | ↓ |
| 8 | 439 | ↓ | ↓ | 0.025 | ↓ | ↓ | 64 | ↓ | ↓ |
| 9 | 411 | ↓ | ↓ | 0.01 | ↓ | ↓ | 65 | ↓ | ↓ |
| 10 | 460 | ↓ | ↓ | 0.02 | ↓ | ↓ | 66 | ↓ | ↓ |
| 11 | 436 | ↓ | ↓ | 0.015 | ↓ | ↓ | 67 | ↓ | ↓ |
| 12 | 431 | ↓ | ↓ | 0.02 | ↓ | ↓ | 68 | ↓ | ↓ |
| 13 | 138 | 6.7.04 | AC | Not Accessible | | | 69 | ↓ | ↓ |
| 14 | 115 | ↓ | ↓ | ↓ | ↓ | ↓ | 70 | ↓ | ↓ |
| 15 | 109 | ↓ | ↓ | ↓ | ↓ | ↓ | 71 | ↓ | ↓ |
| 16 | 443 | 6.7.04 | AC | 0.02 | 6.7.04 | AC | 72 | ↓ | ↓ |
| 17 | 441 | ↓ | ↓ | 0.015 | ↓ | ↓ | 73 | ↓ | ↓ |
| 18 | 417 | ↓ | ↓ | 0.01 | ↓ | ↓ | 74 | ↓ | ↓ |

steril

Survey Worksheet

Building: ~~A~~ Lakeside Hospital

☐ **MSB**

Room 734-1 / 734A

| | |
|---|---------|
| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | Meter 4 |
|---|---------|

[illegible]

meter: 1

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 734-1/734A

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|--------|----------|------------------------|------|----------|----------|----------|----------|
| 25 | 144 | 6.7.04 | AC | X | | | 81 | 06/07/04 | NB |
| 26 | 153 | | | | | | 82 | | |
| 27 | 146 | | | | | | 83 | | |
| 28 | 139 | | | | | | 84 | | |
| 29 | 146 | | | | | | 85 | | |
| 30 | 138 | | | | | | 86 | | |
| 31 | 129 | | | | | | 87 | | |
| 32 | 152 | | | | | | 88 | | |
| 33 | 162 | | | | | | 89 | | |
| 34 | 145 | | | | | | 90 | | |
| 35 | 136 | | | | | | 91 | | |
| 36 | 159 | | | | | | 92 | | |
| 37 | 164 | | | | | | 93 | | |
| 38 | 149 | | | | | | 94 | | |
| 39 | 93 | | | | | | 95 | | |
| 40 | 86 | | | | | | 96 | | |
| 41 | 114 | | | | | | 97 | | |
| 42 | 97 | | | | | | 98 | | |

W2115

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 734-1/734A

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------|------|----------|----------|----------|----------|
| 43 | 142 | 6.7.04 | AC | X | | | 99 | 06/07/04 | NB |
| 44 | 157 | | | | | | 100 | | |
| 45 | 149 | | | | | | 1 | | |
| 46 | 138 | | | | | | 2 | | |
| 47 | 161 | | | | | | 3 | | |
| 48 | 138 | | | | | | 4 | | |
| 49 | 119 | | | | | | 5 | | |
| 50 | 126 | | | | | | 6 | | |
| 51 | 145 | | | | | | 7 | | |
| 52 | 123 | | | | | | 8 | | |
| 53 | 154 | | | | | | 9 | | |
| 54 | 157 | | | | | | 10 | | |
| 55 | 146 | | | | | | 11 | | |
| 56 | 139 | | | | | | 12 | | |
| 57 | 151 | | | | | | 13 | | |
| 58 | 163 | | | | | | 14 | | |
| 59 | 139 | | | | | | 15 | | |
| 60 | 144 | | | | | | 16 | | |

5/12/23

☐ **MSB**

Room 734-1/734A

[illegible]

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 734-1/734A

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|---|--|--------|----------|------------------------------|------|----------|----------|----------|----------|--|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 74 | 147 | 6.7.04 | AC | X | | | 30 | 06/07/04 | NB | |
| 75 | 132 | | | | | | | 31 | | |
| 76 | 136 | | | | | | | 32 | | |
| 77 | 142 | | | | | | | 33 | | |
| 78 | 128 | | | | | | | 34 | | |
| 79 | 133 | | | | | | | 35 | | |
| 80 | 126 | | | | | | | 36 | | |
| 81 | 132 | | | | | | | 37 | | |
| 82 | 115 | | | | | | | 38 | | |
| 83 | 121 | | | | | | | 39 | | |
| 84 | 154 | | | | | | | 40 | | |
| 85 | 118 | | | | | | | 41 | | |
| 86 | 98 | | | | | | | 42 | | |
| 87 | 127 | | | | | | | 43 | | |
| 88 | 160 | | | | | | | 44 | | |
| 89 | 133 | | | | | | | 45 | | |
| 90 | 103 | | | | | | | 46 | | |
| 91 | 127 | | | | | | 47 | | | |

offer

7

Room

[illegible]

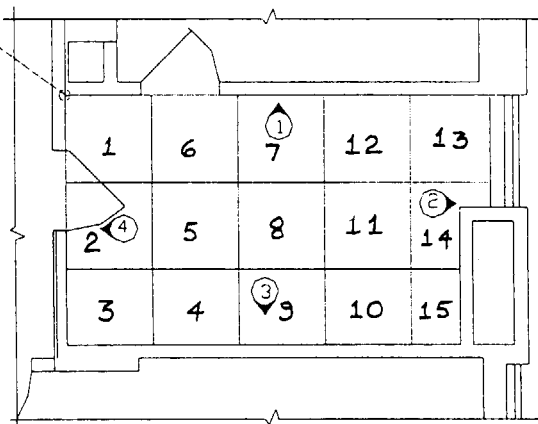
| | | | | |
|----|----|----|----|----|
| 20 | 22 | 24 | 26 | 28 |
| 21 | 23 | 25 | 27 | 29 |

① ELEVATION

START GRID HERE

| | | |
|----|----|----|
| | 18 | 19 |
| | 16 | 17 |
| | | |
| 47 | | |

④ ELEVATION



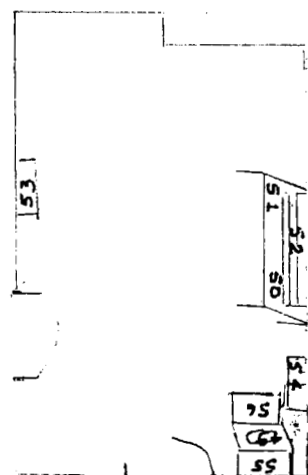
ROOM 735

| | |
|----|----|
| 30 | |
| 32 | 31 |
| 34 | 33 |
| 36 | 35 |

② ELEVATION

| | | | | |
|----|----|----|----|----|
| 38 | 40 | 42 | 44 | 46 |
| 37 | 39 | 41 | 43 | 45 |

③ ELEVATION



ROOM 735

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 735

[illegible]

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 735

walls

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|---|---|----------|----------|------------------------|------|----------|----------|----------|----------|--|
| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 16 | 122 | 06/07/04 | NB | X | | | 16 | 06/07/04 | NB | |
| 17 | 103 | | | | | | | 17 | | |
| 18 | 142 | | | | | | | 18 | | |
| 19 | 164 | | | | | | | 19 | | |
| 20 | 196 | | | | | | | 20 | | |
| 21 | 143 | | | | | | | 21 | | |
| 22 | 127 | | | | | | | 22 | | |
| 23 | 135 | | | | | | | 23 | | |
| 24 | 155 | | | | | | | 24 | | |
| 25 | 171 | | | | | | | 25 | | |
| 26 | 169 | | | | | | | 26 | | |
| 27 | 122 | | | | | | | 27 | | |
| 28 | 177 | | | | | | | 28 | | |
| 29 | 214 | | | | | | | 29 | | |
| 30 | 179 | | | | | | | 30 | | |
| 31 | 146 | | | | | | | 31 | | |
| 32 | 134 | | | | | | 32 | | | |
| 33 | 105 | | | | | | 33 | | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**Room 735

other

[illegible]

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

Chicago - Lakeside Hospital Final Status Survey

| | | | | | Probe Active | |
|---|-------------------|------------|------------------------|---------------|--------------|-------------------------|
| | | Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Area (cm ²) |
| Survey Date: | 27-Jul-04 | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% |
| Survey Unit #: | LS-15 | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% |
| Building: | Lakeside Hospital | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% |
| Floor: | 7 | F | Ludlum 239-1F | 203519 | PR190331 | 5.9% |
| FSS Floor Classification: | 2 | | | | | |
| SU DCGLw (dpm/100cm ²): | 6.94E+03 | | | | | |
| SU Description: Room 712 - Currently used as carpeted office space. Carpet removed in areas to obtain fixed-point measurements. | | | | | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-15.01 | S | 1 | F | C | 126 | 137.2 | -11.2 | -2.79E+02 | -1 |
| LS-15.02 | S | 1 | F | C | 146 | 137.2 | 8.8 | 2.19E+02 | -1 |
| LS-15.03 | S | 1 | F | C | 160 | 137.2 | 22.8 | 5.67E+02 | -1 |
| LS-15.04 | S | 1 | F | C | 124 | 137.2 | -13.2 | -3.28E+02 | -1 |
| LS-15.05 | S | 1 | F | C | 130 | 137.2 | -7.2 | -1.79E+02 | -1 |
| LS-15.06 | S | 1 | F | C | 125 | 137.2 | -12.2 | -3.03E+02 | -1 |
| LS-15.07 | S | 1 | F | C | 161 | 137.2 | 23.8 | 5.92E+02 | -1 |
| LS-15.08 | S | 1 | F | C | 143 | 137.2 | 5.8 | 1.44E+02 | -1 |
| LS-15.09 | S | 1 | F | C | 156 | 137.2 | 18.8 | 4.68E+02 | -1 |
| LS-15.10 | S | 1 | F | C | 150 | 137.2 | 12.8 | 3.18E+02 | -1 |
| LS-15.11 | S | 1 | F | C | 130 | 137.2 | -7.2 | -1.79E+02 | -1 |
| LS-15.12 | S | 1 | F | C | 115 | 137.2 | -22.2 | -5.52E+02 | -1 |
| LS-15.13 | S | 1 | F | C | 113 | 137.2 | -24.2 | -6.02E+02 | -1 |
| LS-15.14 | S | 1 | F | C | 117 | 137.2 | -20.2 | -5.02E+02 | -1 |
| LS-15.15 | S | 1 | F | C | 138 | 137.2 | 0.8 | 1.99E+01 | -1 |
| LS-15.16 | S | 1 | F | C | 151 | 137.2 | 13.8 | 3.43E+02 | -1 |
| LS-15.17 | S | 1 | F | C | 160 | 137.2 | 22.8 | 5.67E+02 | -1 |
| LS-15.18 | S | 1 | F | C | 120 | 137.2 | -17.2 | -4.28E+02 | -1 |
| LS-15.19 | S | 1 | F | C | 127 | 137.2 | -10.2 | -2.54E+02 | -1 |
| LS-15.20 | S | 1 | F | C | 116 | 137.2 | -21.2 | -5.27E+02 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|-----------|-----------------------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | | N/A - Office carpeted |

| Mean | -4.64E+01 |
|---------------------------------|-----------|
| Median | -1.79E+02 |
| Range | 1.19E+03 |
| Std Dev (1 σ) | 4.29E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

NOTES:

- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor
- Surface Materials: C = Concrete (under carpet).
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLw, Sign = +1, Otherwise -1.

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

Survey Date: 21-Jul-04
Survey Unit #: LS-16
Building: Lakeside Hospital
Floor: 8
FSS Floor Classification: 2
SU DCGLw (dpm/100cm²): 6.94E+03
SU Description: Southeast wing of floor. Rooms 817-825 plus corridor.

| Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Total Efficiency ¹ | Probe Active Area (cm ²) |
|------------|------------------------|---------------|-----------|-------------------------------|--------------------------------------|
| 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-16.01 | S | 1 | F | VT | 146 | 122.4 | 23.6 | 5.87E+02 | -1 |
| LS-16.02 | S | 1 | W | PL | 153 | 124.4 | 28.6 | 7.11E+02 | -1 |
| LS-16.03 | S | 1 | CT | SST | 161 | 122 | 39 | 9.70E+02 | -1 |
| LS-16.04 | S | 1 | F | VT | 134 | 122.4 | 11.6 | 2.89E+02 | -1 |
| LS-16.05 | S | 1 | W | PL | 164 | 124.4 | 39.6 | 9.85E+02 | -1 |
| LS-16.06 | S | 1 | CT | SST | 120 | 122 | -2 | -4.98E+01 | -1 |
| LS-16.07 | S | 1 | F | VT | 137 | 122.4 | 14.6 | 3.63E+02 | -1 |
| LS-16.08 | S | 1 | F | VT | 116 | 122.4 | -6.4 | -1.59E+02 | -1 |
| LS-16.09 | S | 1 | F | VT | 140 | 122.4 | 17.6 | 4.38E+02 | -1 |
| LS-16.10 | S | 1 | F | VT | 132 | 122.4 | 9.6 | 2.39E+02 | -1 |
| LS-16.11 | S | 1 | F | VT | 148 | 122.4 | 25.6 | 6.37E+02 | -1 |
| LS-16.12 | S | 1 | F | VT | 145 | 122.4 | 22.6 | 5.62E+02 | -1 |
| LS-16.13 | S | 1 | F | VT | 116 | 122.4 | -6.4 | -1.59E+02 | -1 |
| LS-16.14 | S | 1 | W | PL | 163 | 124.4 | 38.6 | 9.60E+02 | -1 |
| LS-16.15 | S | 1 | F | VT | 115 | 122.4 | -7.4 | -1.84E+02 | -1 |
| LS-16.16 | S | 1 | F | VT | 144 | 122.4 | 21.6 | 5.37E+02 | -1 |
| LS-16.17 | S | 1 | F | VT | 131 | 122.4 | 8.6 | 2.14E+02 | -1 |
| LS-16.18 | S | 1 | CT | SST | 116 | 122 | -6 | -1.49E+02 | -1 |
| LS-16.19 | S | 1 | CT | SST | 122 | 122 | 0 | 0.00E+00 | -1 |
| LS-16.20 | S | 1 | CT | SST | 124 | 122 | 2 | 4.98E+01 | -1 |
| LS-16.21 | S | 1 | CT | SST | 123 | 122 | 1 | 2.49E+01 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Lower Walls | 1 | (See Survey Worksheet Packages Attached) | |

| | |
|-------------------------------------|----------|
| Mean | 3.42E+02 |
| Median | 3.26E+02 |
| Range | 1.17E+03 |
| Std Dev (1 σ) | 3.96E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |

NOTES:

- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = lower wall (< 2m) CT = countertop
- Surface Materials: VT = Vinyl Tile PL = Plaster SST = Synthetic Stone Countertop
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLw, Sign = +1, Otherwise -1.

| | | | | | |
|--|--|--|----|--|----|
| | | | 67 | | 62 |
| | | | 68 | | 61 |
| | | | | | |

| | | |
|----|----|----|
| 70 | 71 | |
| 75 | 74 | 73 |
| | 76 | 77 |
| 80 | 79 | 78 |
| 81 | 82 | 83 |

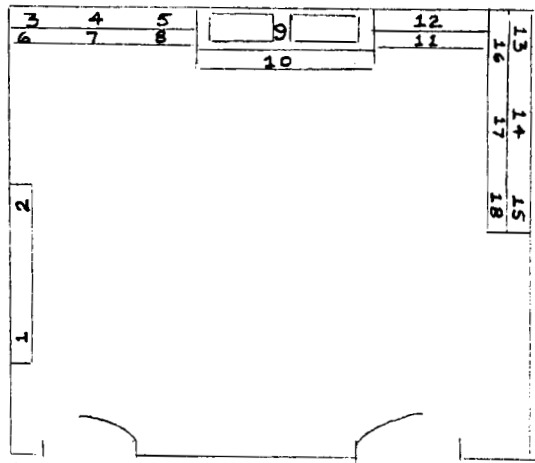
| | | | | | |
|----|----|----|----|----|----|
| 25 | 26 | 27 | 28 | 29 | 30 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 13 | 14 | 15 | 16 | 17 | 18 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | 2 | 3 | 4 | 5 | 6 |

| | | |
|----|----|----|
| 66 | 65 | 64 |
| 58 | 57 | 56 |
| 52 | 51 | 50 |
| 45 | 44 | 43 |

GRID STARTS HERE ←

| | | | | | |
|----|----|----|----|----|----|
| 46 | 40 | 39 | 34 | 33 | 86 |
| 47 | 41 | 38 | 35 | 32 | 85 |
| 48 | 42 | 37 | 36 | 31 | 84 |

ROOM 817 & 818



ROOM 817 & 818

Survey Worksheet

Building: ☒ Lakeside Hospital ☐ MSB

Room 817/818

Meter 3

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|---------|----------|----------|---------|----------|
| 1 | 497 | 4/19/04 | NSM | 0.015 | 4/21/04 | SY | 1 | 4/19/04 | NSM |
| 2 | 461 | | | 0.020 | | | 2 | | |
| 3 | 377 | | | 0.010 | | | 3 | | |
| 4 | 439 | | | 0.015 | | | 4 | | |
| 5 | 442 | | | 0.015 | | | 5 | | |
| 6 | 455 | | | 0.020 | | | 6 | | |
| 7 | 432 | | | 0.015 | | | 7 | | |
| 8 | 441 | | | 0.025 | | | 8 | | |
| 9 | 443 | | | 0.020 | | | 9 | | |
| 10 | 397 | | | 0.015 | | | 10 | | |
| 11 | 422 | | | 0.015 | | | 11 | | |
| 12 | 490 | | | 0.015 | | | 12 | | |
| 13 | 392 | | | 0.015 | | | 13 | | |
| 14 | 444 | | | 0.015 | | | 14 | | |
| 15 | 424 | | | 0.005 | | | 15 | | |
| 16 | 430 | | | 0.015 | | | 16 | | |
| 17 | 513 | | | 0.020 | | | 17 | | |

Survey Worksheet

Building:

☒ Lakeside Hospital

☐ MSB

Room 817/818

Meter 3

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|---------|----------|-------------------------|--------------------|----------------|
| 18 | 423 | 4/19/04 | DJO | 0.015 | 4/21/04 | SC | 19 | 4/21/04 | NSM |
| 19 | 455 | | | 0.020 | | | 19 | | |
| 20 | 484 | | | 0.015 | | | 20 | | |
| 21 | 435 | | | 0.015 | | | 21 | | |
| 22 | 421 | | | 0.015 | | | 22 | | |
| 23 | 403 | | | 0.020 | | | 23 | | |
| 24 | 410 | | | 0.010 | | | 24 | | |
| 25 | 397 | | | 0.025 | | | 25 | | |
| 26 | 441 | | | 0.020 | | | 26 | | |
| 27 | 378 | | | 0.010 | | | 27 | | |
| 28 | 452 | | | 0.010 | | | 28 | | |
| 29 | 462 | | | 0.015 | | | 29 | | |
| 30 | 460 | | | 0.020 | | | 30 | | |
| | | | | BG 0.015 BatOK | | | Check Source = 0.5 KCPM | | |
| 31 | 5 | | | | | | 185 | 4/22/04 | NSM |
| 32 | 4 | | | | | | 186 | 27 | 27 |
| 33 | 2 | | | | | | 187 | 28 | 28 |

~~33 = 867 cpm~~

Bkgd: 114 cpm

Bat: OK

Check source: 4.6 Kcpm

WALLS

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 817/818

Surface Meter 1

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 31 | 130 | 4/22/04 | 94/NB | — | — | — | 85 | 4/22/04 | NB |
| 32 | 155 | | | | | | 86 | | |
| 33 | 130 | | | | | | 87 | | |
| 34 | 125 | | | | | | 88 | | |
| 35 | 140 | | | | | | 89 | | |
| 36 | 164 | | | | | | 90 | | |
| 37 | 150 | | | | | | 91 | | |
| 38 | 140 | | | | | | 92 | | |
| 39 | 130 | | | | | | 93 | | |
| 40 | 154 | | | | | | 94 | | |
| 41 | 145 | | | | | | 95 | | |
| 42 | 140 | | | | | | 96 | | |
| 43 | 140 | | | | | | 97 | | |
| 44 | 160 | | | | | | 98 | | |
| 45 | 136 | | | | | | 99 | | |
| 46 | 185 | | | | | | 100 | | |
| 47 | 155 | | | | | | 1 | | |

WALLS

Survey Worksheet

M. Kent

Building:

☒ Lakeside Hospital☐ MSBRoom 817/818

Surface Meter 1

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 48 | 145 | 4/22/04 | SM/NB | — | — | — | 2 | 4/28/04 | NB |
| 49 | 160 | | | | | | 3 | | |
| 50 | 135 | | | | | | 4 | | |
| 51 | 174 | | | | | | 5 | | |
| 52 | 139 | | | | | | 6 | | |
| 53 | 140 | | | | | | 7 | | |
| 54 | 170 | | | | | | 8 | | |
| 55 | 160 | | | | | | 9 | | |
| 56 | 165 | | | | | | 10 | | |
| 57 | 165 | | | | | | 11 | | |
| 58 | 194 | | | | | | 12 | | |
| 59 | 180 | | | | | | 13 | | |
| 60 | 136 | | | | | | 14 | | |
| 61 | 190 | | | | | | 15 | | |
| 62 | 197 | | | | | | 16 | | |
| 63 | 151 | | | | | | 17 | | |
| 64 | 144 | ↓ | ↓ | ↓ | ↓ | ↓ | 18 | ↓ | ↓ |

Notes

WALLS

Survey Worksheet

Building:

☒ Lakeside Hospital

☐ MSB

Room 817/818

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 65 | 140 | 4/22/04 | SY | — | — | — | 19 | 4/22/04 | NB |
| 66 | 172 | | | | | | 20 | | |
| 67 | 140 | | | | | | 21 | | |
| 68 | 165 | | | | | | 22 | | |
| 69 | 122 | | | | | | 23 | | |
| 70 | 140 | | | | | | 24 | | |
| 71 | 170 | | | | | | 25 | | |
| 72 | 130 | | | | | | 26 | | |
| 73 | 135 | | | | | | 27 | | |
| 74 | 140 | | | | | | 28 | | |
| 75 | 185 | | | | | | 29 | | |
| 76 | 180 | | | | | | 30 | | |
| 77 | 140 | | | | | | 31 | | |
| 78 | 140 | | | | | | 32 | | |
| 79 | 120 | | | | | | 33 | | |
| 80 | — | 4/20/04 | NB | | | | 34 | | |
| 81 | — | | | | | | 35 | | |

walls

Survey Worksheet

Building:

☒ Lakeside Hospital☐ **MSB**

Room 817/818

Surface meter 1

[illegible]

Surfaces

white chalk #

Building:

☒ Lakeside Hospital☐ MSBRoom 817/818

Survey Worksheet

Meter 1

Batt GA

Bggl: 95

CR Same: 4.6E/C6a

Surface Meter 1

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 1 | 130 | 4/28/04 | SH | — | — | — | 62 | 4/23/04 | NSM |
| 2 | 130 | ↓ | ↓ | ↓ | ↓ | ↓ | 63 | ↓ | ↓ |
| 3 | 120 | | | | | | 64 | | |
| 4 | 120 | | | | | | 65 | | |
| 5 | 120 | | | | | | 66 | | |
| 6 | 127 | | | | | | 67 | | |
| 7 | 115 | | | | | | 68 | | |
| 8 | 132 | | | | | | 69 | | |
| 9 | 120 | | | | | | 70 | | |
| 10 | 130 | | | | | | 71 | | |
| 11 | 130 | | | | | | 72 | | |
| 12 | 150 | | | | | | 73 | | |
| 13 | 125 | | | | | | 74 | | |
| 14 | 136 | | | | | | 75 | | |
| 15 | 120 | | | | | | 76 | | |
| 16 | 130 | | | | | | 77 | | |
| 17 | 130 | | | | | | 78 | | |

128

Surfaces

☐ **MSB**

Room 817/818

White #

Surface Netter 1

[illegible]

Original / Transferred
Survey Worksheet

Date 4/21/04 Room 817/818 Surveyors Shylin Hays

Meter 3

| Grid Position | Floor Monitor cpm | 1 m Exposure Rate mR/h | Notes |
|---------------|-------------------|------------------------|----------------------|
| 1 | | 0.015 | But at 312g/0.015m/h |
| 2 | | 0.020 | |
| 3 | | 0.010 | |
| 4 | | 0.015 | |
| 5 | | 0.015 | |
| 6 | | 0.020 | |
| 7 | | 0.015 | |
| 8 | | 0.025 | |
| 9 | | 0.020 | |
| 10 | | 0.015 | |
| 11 | | 0.015 | |
| 12 | | 0.015 | |
| 13 | | 0.015 | |
| 14 | | 0.015 | |
| 15 | | 0.005 | |
| 16 | | 0.015 | |
| 17 | | 0.020 | |
| 18 | | 0.015 | |
| 19 | | 0.020 | |
| 20 | | 0.015 | |
| 21 | | 0.015 | |
| 22 | | 0.015 | |
| 23 | | 0.020 | |
| 24 | | 0.010 | |
| 25 | | 0.025 | |
| 26 | | 0.020 | |
| 27 | | 0.010 | |
| 28 | | 0.010 | |
| 29 | | 0.015 | |
| 30 | | 0.020 | |

Original, corrected, new form
Survey Worksheet

Date 4/19/04 Room 817-818 Surveyors Dave Derenzo, Nina Bjedlic, Stephanie Hay

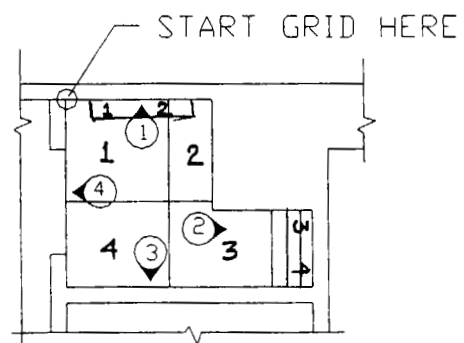
| Grid Position | Floor Monitor cpm | 1 m Exposure Rate mR/h | Notes |
|---------------|--------------------|------------------------|-------|
| 1 | 497 | | |
| 2 | 461 | | |
| 3 | 377 | | |
| 4 | 439 | | |
| 5 | 442 | | |
| 6 | 455 | | |
| 7 | 432 | | |
| 8 | 441 | | |
| 9 | 443 | | |
| 10 | 397 | | |
| 11 | 422 | | |
| 12 | 490 | | |
| 13 | 392 | | |
| 14 | 444 | | |
| 15 | 424 | | |
| 16 | 430 | | |
| 17 | 451 513 | | |
| 18 | 423 | | |
| 19 | 455 | | |
| 20 | 484 | | |
| 21 | 435 | | |
| 22 | 421 | | |
| 23 | 403 | | |
| 24 | 410 | | |
| 25 | 397 | | |
| 26 | 441 | | |
| 27 | 378 | | |
| 28 | 452 | | |
| 29 | 462 | | |
| - | | | |

| | | | |
|---|----|----|---|
| 7 | 9 | 13 | 1 |
| 8 | 10 | 14 | 2 |

① ELEVATION

| | |
|----|----|
| 5 | 6 |
| 19 | 20 |
| 11 | 10 |

④ ELEVATION



ROOM 819A

| | |
|----|----|
| 12 | 11 |
| | |

② ELEVATION

| | | | |
|----|----|--|--|
| 8T | 9T | | |
| LT | ST | | |

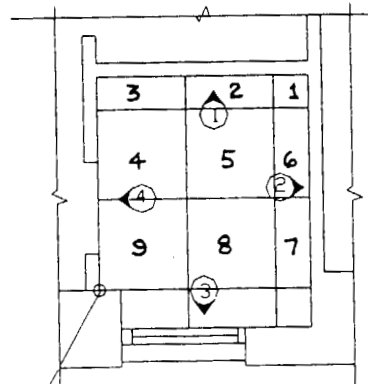
③ ELEVATION

| | | |
|----|----|----|
| 12 | 15 | 16 |
| 13 | 14 | 17 |

① ELEVATION

| | | |
|--|----|----|
| | 11 | 10 |
| | | |
| | 29 | 30 |
| | 28 | 27 |

④ ELEVATION



START GRID HERE

ROOM 819B

| | |
|----|----|
| 19 | 18 |
| 21 | 20 |
| 22 | 23 |

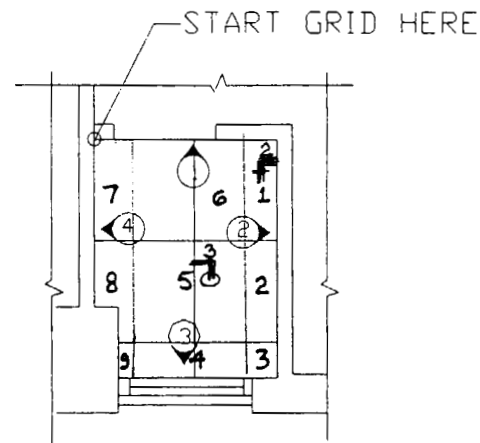
② ELEVATION

| | |
|----|----|
| 26 | 25 |
| | 24 |

③ ELEVATION

| | | |
|----|----|--|
| | | |
| 11 | 25 | |
| 10 | 26 | |

① ELEVATION



| | | |
|--|----|----|
| | 12 | 13 |
| | 15 | 14 |
| | 17 | 16 |

④ ELEVATION

| | | |
|----|----|--|
| 23 | 24 | |
| 22 | 21 | |
| 19 | 20 | |

② ELEVATION

ROOM 819C

| | | |
|----|----|----|
| 16 | 18 | 19 |
| 17 | 1 | 20 |

③ ELEVATION

Survey Worksheet

Building:

☒ Lakeside Hospital

☐ MSB

Room 819

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|---------|----------|----------|---------|----------|
| 1 | 477 | 4/21/04 | NSM | 0.035 | 4/20/04 | | 503# | 4/21/04 | NSM |
| 2 | 442 | | | 0.030 | | | 513# | | |
| 3 | 510 | | | 0.020 | | | 523# | | |
| 4 | 502 | | | 0.020 | | | 533# | | |
| 5 | 519 | | | 0.020 | | | 543# | | |
| 6 | 487 | | | 0.020 | | | 553# | | |
| 7 | 474 | | | 0.030 | | | 563# | | |
| 8 | 464 | | | 0.025 | | | 573# | | |
| 9 | 486 | | | 0.020 | | | 583# | | |
| 10 | 455 | | | 0.030 | | | 59# | | |
| 11 | 471 | | | 0.020 | | | 60# | | |
| 12 | 472 | | | 0.030 | | | 61# | | |
| 13 | 449 | | | 0.020 | | | 62# | | |
| 14 | 431 | | | 0.010 | | | 63# | | |
| 15 | 470 | | | 0.030 | | | 64# | | |
| 16 | 491 | | | 0.015 | | | 65# | | |
| 17 | 509 | ↓ | ↓ | 0.025 | ↓ | | 66# | ↓ | ↓ |

Survey Worksheet

Building:

☒

Lakeside Hospital

9

MSB

Room

89

[illegible]

WALLS

Survey Worksheet

Meter 1
Ref 3Building: ☒ Lakeside Hospital☐ MSBRoom 819

| Grid Position | ^{surface} Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 28 | 144 | 4/23/04 | SM | — | — | — | 41 | 4/23/04 | NB |
| 29 | 130 | | | | | | 42 | | |
| 30 | — | | | | | | 43 | | |
| 31 | — | | | | | | 44 | | |
| 32 | 140 | | | | | | 45 | | |
| 33 | 135 | | | | | | 46 | | |
| 34 | 140 | | | | | | 47 | | |
| 35 | 150 | | | | | | 48 | | |
| 36 | — | | | | | | 49 | | |
| 37 | — | | | | | | 50 | | |
| 38 | 130 | | | | | | 51 | | |
| 39 | 120 | | | | | | 52 | | |
| 40 | 125 | | | | | | 53 | | |
| 41 | 125 | | | | | | 54 | | |
| 42 | — | | | | | | 55 | | |
| 43 | 155 | | | | | | 56 | | |
| 44 | 150 | | | | | | 57 | | |

WALLS

Survey Worksheet

meter 1
12ft 3

Building:

☒ Lakeside Hospital

☐ MSB

Room 819

| Grid Position | ^{surface} Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|---------|----------|------------------------|------|----------|----------|---------|----------|
| 45 | — | 4/23/04 | cy | | | | 58 | 4/23/04 | NB |
| 46 | — | | | | | | 59 | | |
| 47 | — | | | | | | 60 | | |
| 48 | 140 | | | | | | 61 | | |
| 49 | 150 | | | | | | 62 | | |
| 50 | 110 | | | | | | 63 | | |
| 51 | 130 | | | | | | 64 | | |
| 52 | — | | | | | | 65 | | |
| 53 | — | | | | | | 66 | | |
| 54 | 130 | | | | | | 67 | | |
| 55 | 110 | | | | | | 68 | | |
| 56 | 130 | | | | | | 69 | | |
| 57 | 130 | | | | | | 70 | | |
| 58 | — | | | | | | 71 | | |
| 59 | — | | | | | | 72 | | |
| 60 | 130 | | | | | | 73 | | |
| 61 | 130 | | | | | | 74 | | |

WALLS

Survey Worksheet

Meter 1
Det 3

Building: ☒ Lakeside Hospital

☐ MSB

Room 819

| Grid Position | ^{surface} Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|---------|----------|------------------------|------|----------|----------|---------|----------|
| 62 | 120 | 4/23/04 | SY | | | | 75 | 4/23/04 | MB |
| 63 | 140 | | | | | | 76 | | |
| 64 | — | | | | | | 77 | | |
| 65 | — | | | | | | 78 | | |
| 66 | 130 | | | | | | 79 | | |
| 67 | 125 | | | | | | 80 | | |
| 68 | 155 | | | | | | 81 | | |
| 69 | 155 | | | | | | 82 | | |
| 70 | — | | | | | | 83 | | |
| 71 | 90 | | | | | | 84 | | |
| 72 | 130 | | | | | | 85 | | |
| 73 | 110 | | | | | | 86 | | |
| 74 | — | | | | | | 87 | | |
| 75 | — | | | | | | 88 | | |
| 76 | 100 | | | | | | 89 | | |
| 77 | 125 | | | | | | 90 | | |
| 78 | 110 | | | | | | 91 | | |

WALLS

meter 1
Def 3

Survey Worksheet

Building:

☒ Lakeside Hospital

☐ MSB

Room 819

surface

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 79 | 90 | 4/23/04 | GV | — | — | — | 92 | 4/23/04 | NB |
| 80 | — | | | | | | 93 | | |
| 81 | — | | | | | | 94 | | |
| 82 | 105 | | | | | | 95 | | |
| 83 | 115 | | | | | | 96 | | |
| 84 | 105 | | | | | | 97 | | |
| 85 | 115 | | | | | | 98 | | |
| 86 | — | | | | | | 99 | | |
| 87 | — | | | | | | 100 | | |
| 88 | 105 | | | | | | 1 | | |
| 89 | 95 | | | | | | 2 | | |
| 90 | 125 | | | | | | 3 | | |
| 91 | 105 | | | | | | 4 | | |
| 92 | — | | | | | | 5 | | |
| 93 | — | | | | | | 6 | | |
| 94 | 100 | | | | | | 7 | | |
| 95 | 105 | | | | | | 8 | | |

WALLS

Survey Worksheet

meter
Ref 3

Building:

☒ Lakeside Hospital☐ **MSB**Room 819

Surface

[illegible]

netat+1

Room 819[illegible]

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**Room 819A[illegible]

Survey Worksheet

Meter 1

Walls

Building: ☒ Lakeside Hospital

☐ MSB

Room B19A

Surface

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 10 | 120 | 4/23/04 | Sy | — | — | — | 13 | 4/23/04 | 1VSN |
| 11 | 120 | | | | | | 14 | | |
| 12 | 190 | | | | | | 15 | | |
| 13 | 180 | | | | | | 16 | | |
| 14 | 125 | | | | | | 17 | | |
| 15 | 125 | | | | | | 18 | | |
| 16 | 100 | | | | | | 19 | | |
| 17 | 115 | | | | | | 20 | | |
| 18 | 140 | | | | | | 21 | | |
| 19 | 180 | | | | | | 22 | | |
| 20 | 180 | | | | | | 23 | | |
| 21 | 160 | | | | | | 24 | | |
| 22 | 170 | | | | | | 25 | | |
| 23 | 145 | | | | | | 26 | | |
| 24 | 155 | | | | | | 27 | | |
| 25 | 130 | | | | | | 14 | | |
| 26 | 140 | ✓ | ✓ | ✓ | ✓ | ✓ | 15 | ✓ | ✓ |

Survey Worksheet

Building:

☒ Lakeside Hospital☐ **MSB**

Room 819A

White #

[illegible]

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**Room 819B[illegible]

Survey Worksheet

Metrol

walls

surface

Building: ☒ Lakeside Hospital

☐ MSB

Room 819B

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 5 | 85 | 4/23/04 | SY | — | — | — | 28 | 4/23/04 | NSH |
| 6 | 110 | | | | | | 29 | | |
| 7 | 130 | | | | | | 30 | | |
| 8 | 120 | | | | | | 31 | | |
| 9 | 156 | | | | | | 32 | | |
| 10 | 105 | | | | | | 33 | | |
| 11 | 120 | | | | | | 34 | | |
| 12 | 137 | | | | | | 35 | | |
| 13 | 130 | | | | | | 36 | | |
| 14 | 140 | | | | | | 37 | | |
| 15 | 100 | | | | | | 38 | | |
| 16 | 105 | | | | | | 39 | | |
| 17 | 105 | | | | | | 40 | | |
| 18 | 100 | | | | | | 41 | | |
| 19 | 105 | | | | | | 42 | | |
| 20 | 95 | | | | | | 43 | | |
| — | — | | | | | | — | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 819C

[illegible]

Survey Worksheet

Walls

Motor 1

Building: ☒ Lakeside Hospital

☐ MSB

Room 819C

Surface

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 10 | 100 | 4/23/04 | NSH | — | — | — | 44 | 4/23/04 | NSH |
| 11 | 100 | | | | | | 45 | | |
| 12 | 125 | | | | | | 46 | | |
| 13 | 105 | | | | | | 47 | | |
| 14 | 100 | | | | | | 48 | | |
| 15 | 100 | | | | | | 49 | | |
| 16 | 100 | | | | | | 50 | | |
| 17 | 110 | | | | | | 51 | | |
| 18 | 110 | | | | | | 52 | | |
| 19 | 100 | | | | | | 53 | | |
| 20 | 120 | | | | | | 54 | | |
| 21 | 125 | | | | | | 55 | | |
| 22 | 140 | | | | | | 56 | | |
| 23 | 140 | | | | | | 57 | | |
| 24 | 130 | | | | | | 58 | | |
| 25 | 140 | | | | | | 59 | | |
| 26 | 125 | | | | | | 60 | | |

Walls

meter

Surface

☐ **MSB**

Room 819C

[illegible]

Survey Worksheet

Date 4/20/04 Room 819 Surveyors Steph Hargis

| Grid Position | Floor Monitor cpm | 1 m Exposure Rate mR/h | Notes |
|---------------|-------------------|------------------------|----------------------|
| 1 | | 0.035 | Batter 131kg 0.02m/h |
| 2 | | 0.030 | |
| 3 | | 0.020 | |
| 4 | | 0.020 | |
| 5 | | 0.020 | |
| 6 | | 0.020 | |
| 7 | | 0.030 | |
| 8 | | 0.025 | |
| 9 | | 0.020 | |
| 10 | | 0.030 | |
| 11 | | 0.020 | |
| 12 | | 0.030 | |
| 13 | | 0.020 | |
| 14 | | 0.010 | |
| 15 | | 0.030 | |
| 16 | | 0.015 | |
| 17 | | 0.025 | |
| 18 | | 0.030 | |
| 19 | | 0.030 | |
| 20 | | 0.030 | |
| 21 | | 0.025 | |
| 22 | | 0.015 | |
| 23 | | 0.025 | |
| 24 | | 0.015 | |
| 25 | | 0.035 | |
| 26 | | 0.025 | |
| 27 | | 0.030 | |
| | | | |
| | | | |
| | | | |

Survey Worksheet

Date 4/21/04 Room 819-A Surveyors Stephane Hane

[illegible]

Survey Worksheet

Date 4/21/04 Room 819B Surveyors Stephen Harper

[illegible]

Survey Worksheet

Date 7/20/09 Room 819c Surveyors Stephane Harper

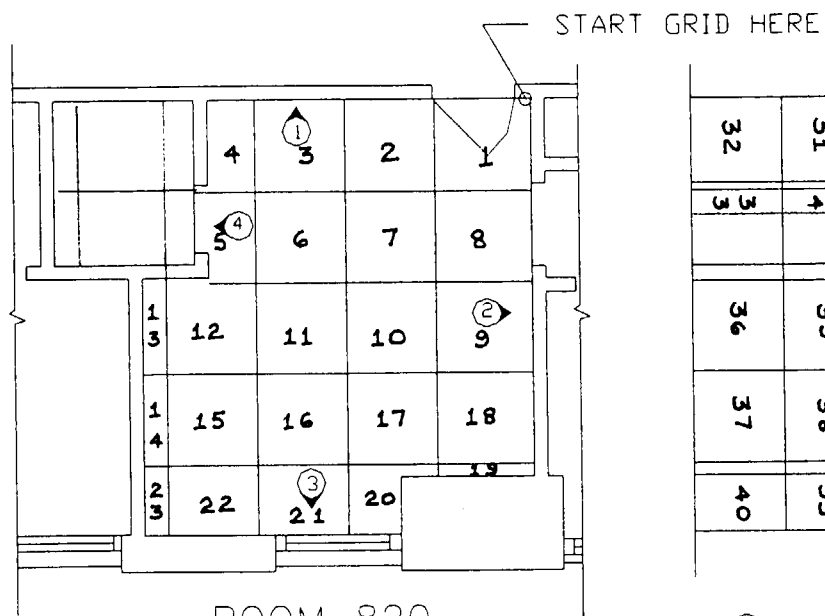
[illegible]

| | | | | | | | | |
|--------|----|--------|--------|----|----|--------|----|----|
| 6 5 | 66 | 5 3 | 6 9 | 70 | 73 | 7 4 | 76 | 30 |
| 6 4 | 67 | 5 2 | 6 8 | 71 | 72 | 7 5 | 77 | 29 |

① ELEVATION

| | | | |
|----|----|----|----|
| 5 | 4 | 5 | 5 |
| 62 | 4 | 63 | 5 |
| 61 | 19 | 60 | 09 |
| 5 | 4 | 5 | 5 |
| 51 | | | |
| 50 | | | |

④ ELEVATION

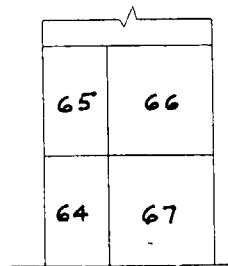


| | |
|----|----|
| 32 | 31 |
| 33 | 34 |
| 36 | 35 |
| 37 | 38 |
| 40 | 39 |

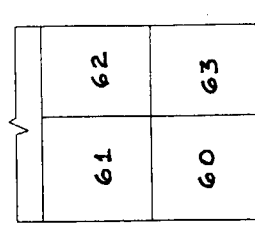
② ELEVATION

| | | | |
|----|----|----|----|
| 41 | 45 | 46 | 47 |
| 42 | 43 | 44 | 48 |

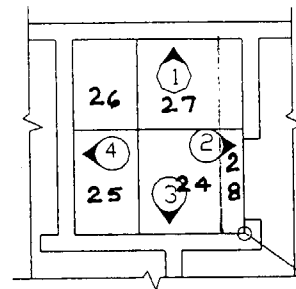
③ ELEVATION



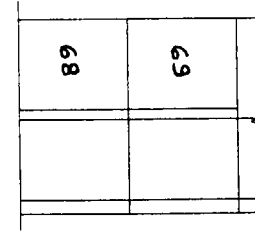
① ELEVATION



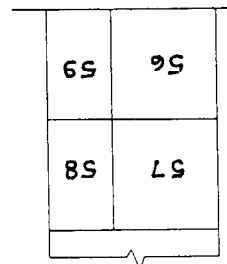
④ ELEVATION



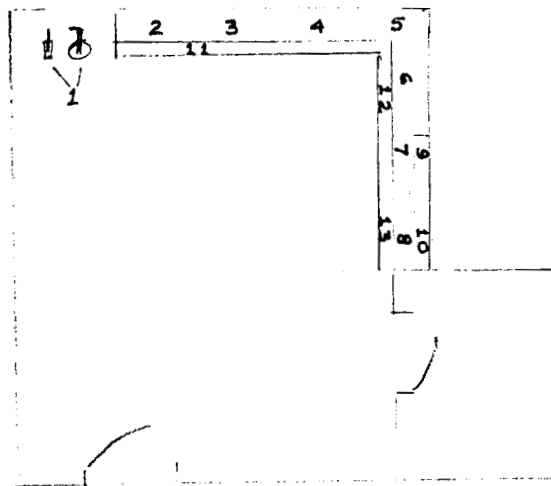
START GRID HERE
ROOM 820A



② ELEVATION



③ ELEVATION



ROOM 820

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 820

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|----------|----------|----------|---------|----------|
| 1 | 513 | 4/21/04 | NSH | 0.025 | 04/20/04 | | 99 | 4/21/04 | NSH |
| 2 | 477 | | | 0.020 | | | 100 | | |
| 3 | 468 | | | 0.025 | | | 1 | | |
| 4 | 424 | | | 0.020 | | | 2 | | |
| 5 | 442 | | | 0.025 | | | 3 | | |
| 6 | 439 | | | 0.020 | | | 4 | | |
| 7 | 497 | | | 0.020 | | | 5 | | |
| 8 | 459 | | | 0.025 | | | 6 | | |
| 9 | 511 | | | 0.030 | | | 7 | | |
| 10 | 486 | | | 0.025 | | | 8 | | |
| 11 | 464 | | | 0.025 | | | 9 | | |
| 12 | 459 | | | 0.020 | | | 10 | | |
| 13 | 416 | | | 0.025 | | | 11 | | |
| 14 | 411 | | | 0.020 | | | 12 | | |
| 15 | 463 | | | 0.020 | | | 13 | | |
| 16 | 458 | | | 0.035 | | | 14 | | |
| 17 | 520 | | | 0.035 | | | 15 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 820

[illegible]

Survey Worksheet

meter

WALLS

Surface

Building: ☒ Lakeside Hospital

☐ MSB

Room 820

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 29 | 105 | 4/23/04 | SY | — | — | — | 65 | 4/23/04 | NSM |
| 30 | 140 | | | | | | 66 | | |
| 31 | 134 | | | | | | 67 | | |
| 32 | 131 | | | | | | 68 | | |
| 33 | 140 | | | | | | 69 | | |
| 34 | 154 | | | | | | 70 | | |
| 35 | 120 | | | | | | 71 | | |
| 36 | 140 | | | | | | 72 | | |
| 37 | 140 | | | | | | 73 | | |
| 38 | 125 | | | | | | 74 | | |
| 39 | 135 | | | | | | 75 | | |
| 40 | 160 | | | | | | 76 | | |
| 41 | 120 | | | | | | 77 | | |
| 42 | 135 | | | | | | 78 | | |
| 43 | 110 | | | | | | 79 | | |
| 44 | 122 | | | | | | 80 | | |
| 45 | 150 | | | | | | 81 | | |

Survey Worksheet

Meter 1

Walls

Building: ☒ Lakeside Hospital ☐ MSB
Surface Meter 1

Meter 3

Room 820

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 46 | 130 | 4/23/04 | 94 | — | — | — | 82 | 4/23/04 | NSM |
| 47 | 140 | ↓ | ↓ | ↓ | ↓ | ↓ | 83 | ↓ | ↓ |
| 48 | 145 | ↓ | ↓ | ↓ | ↓ | ↓ | 84 | ↓ | ↓ |
| 49 | 110 | ↓ | ↓ | ↓ | ↓ | ↓ | 85 | ↓ | ↓ |
| 50 | 131 | ↓ | ↓ | ↓ | ↓ | ↓ | 86 | ↓ | ↓ |
| 51 | 113 | ↓ | ↓ | ↓ | ↓ | ↓ | 87 | ↓ | ↓ |
| 52 | 100 | ↓ | ↓ | ↓ | ↓ | ↓ | 88 | ↓ | ↓ |
| 53 | 115 | ↓ | ↓ | ↓ | ↓ | ↓ | 89 | ↓ | ↓ |
| 54 | 120 | ↓ | ↓ | ↓ | ↓ | ↓ | 90 | ↓ | ↓ |
| 55 | 120 | ↓ | ↓ | ↓ | ↓ | ↓ | 91 | ↓ | ↓ |
| 56 | 110 | ↓ | ↓ | ↓ | ↓ | ↓ | 92 | ↓ | ↓ |
| 57 | 90 | ↓ | ↓ | ↓ | ↓ | ↓ | 93 | ↓ | ↓ |
| 58 | 110 | ↓ | ↓ | ↓ | ↓ | ↓ | 94 | ↓ | ↓ |
| 59 | 140 | ↓ | ↓ | ↓ | ↓ | ↓ | 95 | ↓ | ↓ |
| 60 | 115 | ↓ | ↓ | ↓ | ↓ | ↓ | 96 | ↓ | ↓ |
| 61 | 100 | ↓ | ↓ | ↓ | ↓ | ↓ | 97 | ↓ | ↓ |
| 62 | 140 | ↓ | ↓ | ↓ | ↓ | ↓ | 98 | ↓ | ↓ |

meter 1
Det 3

Surface

☒ Lakeside Hospital☐ MSB

Room 820

[illegible]

meter 1

Building:

☒ Lakeside Hospital☐ **MSB**

Room ~~672A~~ 820

Capriotti, Shelia Meyer

Meter 3

[illegible]

Survey Worksheet

Date 9/20/04 Room 820 Surveyors Stephen Harper

[illegible]

Survey Worksheet

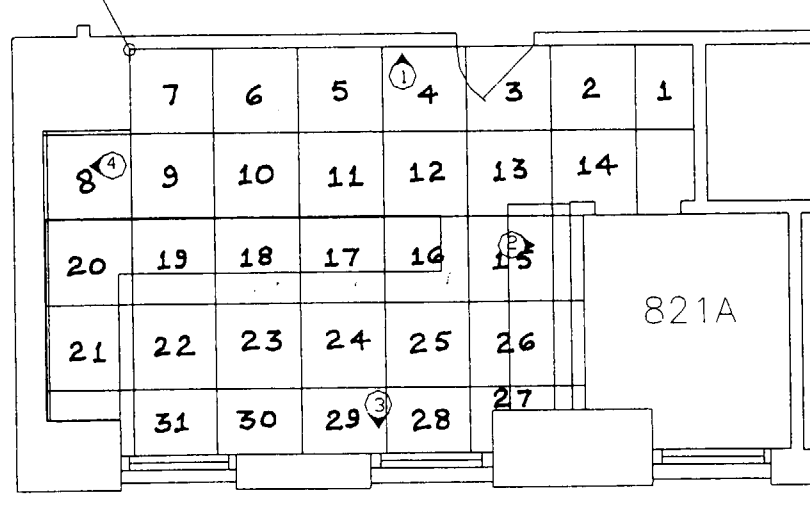
Date 4/21/04 Room Small
auditorium of 820 Surveyors Stephen Hap

[illegible]

| | | | | | | | | |
|--|--|----|----|----|----|--|----|----|
| | | 42 | 40 | 38 | 36 | | 34 | 32 |
| | | 43 | 41 | 39 | 37 | | 35 | 33 |

① ELEVATION

START GRID HERE



ROOM 821

| | |
|----|----|
| 77 | 76 |
| 75 | 74 |
| | 70 |
| | 69 |
| 65 | 64 |

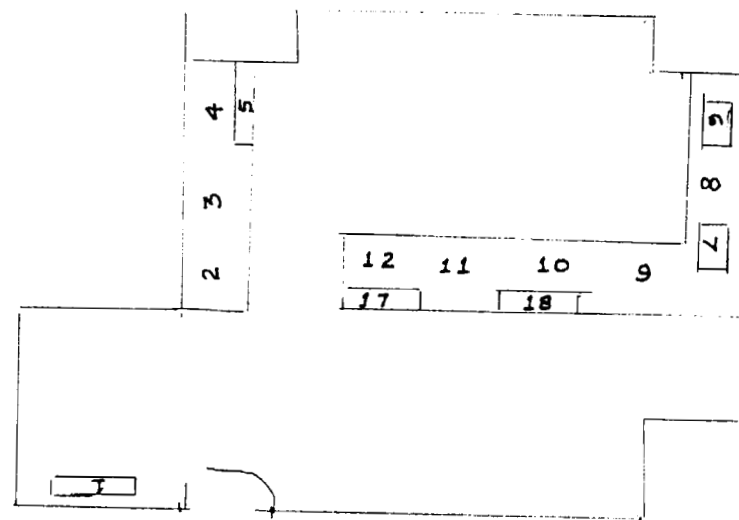
② ELEVATION

| | |
|----|----|
| 44 | 45 |
| 48 | 49 |
| 50 | 51 |
| 52 | |
| 54 | 53 |

④ ELEVATION

| | | | | | |
|----|----|----|----|----|----|
| 55 | 57 | 59 | 61 | 63 | 65 |
| | | 58 | 60 | 72 | |

③ ELEVATION



ROOM 821

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 821

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--------------------|---------|----------|------------------------|---------|----------|----------|---------|----------|
| 1 | 511 | 4/21/04 | NSM | 0.015 | 4/21/04 | | 27 | 4/21/04 | NSM |
| 2 | 455 | | | 0.015 | | | 28 | | |
| 3 | 454 | | | 0.020 | | | 29 | | |
| 4 | 462 | | | 0.015 | | | 30 | | |
| 5 | 496 | | | 0.015 | | | 31 | | |
| 6 | 512 | | | 0.020 | | | 32 | | |
| 7 | 475 | | | 0.020 | | | 33 | | |
| 8 | 509 538 | | | 0.020 | | | 34 | | |
| 9 | 482 | | | 0.035 | | | 35 | | |
| 10 | 509 | | | 0.040 | | | 36 | | |
| 11 | 507 | | | 0.040 | | | 37 | | |
| 12 | 452 | | | 0.030 | | | 38 | | |
| 13 | 475 | | | 0.030 | | | 39 | | |
| 14 | 443 | | | 0.040 | | | 40 | | |
| 15 | 444 | | | 0.025 | | | 41 | | |
| 16 | 434 | | | 0.025 | | | 42 | | |
| 17 | 445 | ↓ | ↓ | 0.030 | ↓ | | 43 | ↓ | ↓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**Room 821[illegible]

Walls

Survey Worksheet

Balkak

B12nd 114

ck sm 4.612eg

Surfer

Building: ☒ Lakeside Hospital

☐ MSB

Room 821

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 32 | 138 | 4/22/04 | SY | — | — | — | 98 | 4/23/04 | NSH |
| 33 | 133 | | | | | | 99 | | |
| 34 | 131 | | | | | | 100 | | |
| 35 | 140 | | | | | | 1 | | |
| 36 | 136 | | | | | | 2 | | |
| 37 | 135 | | | | | | 3 | | |
| 38 | 131 | | | | | | 4 | | |
| 39 | 130 | | | | | | 5 | | |
| 40 | 172 | | | | | | 6 | | |
| 41 | 153 | | | | | | 7 | | |
| 42 | 161 | | | | | | 8 | | |
| 43 | 138 | | | | | | 9 | | |
| 44 | 156 | | | | | | 10 | | |
| 45 | 142 | | | | | | 11 | | |
| 46 | 146 | | | | | | 12 | | |
| 47 | 151 | | | | | | 13 | | |
| 48 | 128 | ✓ | ✓ | ↓ | ↓ | ↓ | 14 | ↓ | ↓ |

Survey Worksheet

walls

meter 1
Set 3

Surface

Building: ☒ Lakeside Hospital

☐ MSB

Room 821

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 49 | 152 | 4/22/01 | SY | — | — | — | 15 | 4/23/04 | NSM |
| 50 | 149 | | | | | | 16 | | |
| 51 | 140 | | | | | | 17 | | |
| 52 | 159 | | | | | | 18 | | |
| 53 | 171 | | | | | | 19 | | |
| 54 | 145 | | | | | | 20 | | |
| 55 | 169 | | | | | | 21 | | |
| 56 | 137 | | | | | | 22 | | |
| 57 | 142 | | | | | | 23 | | |
| 58 | 138 | | | | | | 24 | | |
| 59 | 139 | | | | | | 25 | | |
| 60 | 145 | | | | | | 26 | | |
| 61 | 169 | | | | | | 27 | | |
| 62 | 182 | | | | | | 28 | | |
| 63 | 162 | | | | | | 29 | | |
| 64 | 142 | | | | | | 30 | | |
| 65 | 138 | ✓ | ✓ | ✓ | ✓ | ✓ | 31 | ✓ | ✓ |

walls
surface

Survey Worksheet

meter 1
Def 3

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 821

[illegible]

Survey Worksheet

meter 1

Building: ☒ Lakeside Hospital

☐ MSB

Room 821

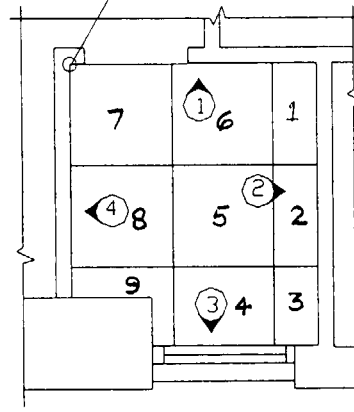
white # cabinet

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 1 | 123 | 4/22/04 | SN | — | — | — | 5 | 4/23/04 | NSH |
| 2 | 150 | | | | | | 6 | | |
| 3 | 140 | | | | | | 7 | | |
| 4 | 130 | | | | | | 8 | | |
| 5 | 135 | | | | | | 9 | | |
| 6 | 150 | | | | | | 10 | | |
| 7 | 140 | | | | | | 11 | | |
| 8 | 150 | | | | | | 12 | | |
| 9 | 160 | | | | | | 13 | | |
| 10 | 185 | | | | | | 14 | | |
| 11 | 140 | | | | | | 15 | | |
| 12 | 160 | | | | | | 16 | | |
| 13 | 115 | | | | | | 17 | | |
| 14 | 120 | | | | | | 18 | | |
| 15 | 130 | | | | | | 19 | | |
| 16 | 125 | | | | | | 20 | | |
| 17 | 120 | | | | | | 21 | | |
| 18 | 140 | | | | | | 22 | | |

| | | |
|----|----|--|
| 26 | 10 | |
| 27 | 11 | |

① ELEVATION

START GRID HERE



| | |
|----|----|
| 24 | 25 |
| 22 | 23 |
| 18 | 19 |

④ ELEVATION

| | |
|----|----|
| 13 | 12 |
| 15 | 14 |
| 17 | 16 |

② ELEVATION

ROOM 821A

| | |
|----|----|
| 21 | 29 |
| 20 | 28 |

③ ELEVATION

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**Room 821 A[illegible]

walls

Surface

Survey Worksheet

CR Source

Brng : 130
Bust 22
Kerp 4.6

Building:

☒ Lakeside Hospital

☐ MSB

Room 821 9

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|----------------------|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 10 | 120 | 4/22/04 | SM | — | — | — | 44 | 4/23/04 | NSM |
| 11 | 110 | | | | | | 45 | | |
| 12 | 104 | | | | | | 46 | | |
| 13 | 117 | | | | | | 47 | | |
| 14 | 105 | | | | | | 48 | | |
| 15 | 104 | | | | | | 49 | | |
| 16 | 100 | | | | | | 50 | | |
| 17 | 94 | | | | | | 51 | | |
| 18 | 135 | | | | | | 52 | | |
| 19 | 142 | | | | | | 53 | | |
| 20 | 129 | | | | | | 54 | | |
| 21 | 145 | | | | | | 55 | | |
| 22 | 150 | | | | | | 56 | | |
| 23 | 101 | | | | | | 57 | | |
| 24 | 99 | | | | | | 58 | | |
| 25 | 102 | | | | | | 59 | | |
| 26 | 135 | | | | | | 60 | | |

27

141

✓

✓

↓

↓

↓

61

↓

↓

Survey Worksheet

* see over

Date 4/21/09 Room 821 Surveyors Stephen Harper

| Grid Position | Floor Monitor cpm | 1 m Exposure Rate mR/h | Notes |
|---------------|-------------------|------------------------|--------------------------|
| 1 | | 0.015 | Bill 0.005 mR/h; Ball OK |
| 2 | | 0.015 | over Marble Bench post |
| 3 | | 0.020 | |
| 4 | | 0.015 | |
| 5 | | 0.015 | |
| 6 | | 0.020 | |
| 7 | | 0.020 | |
| 8 | | 0.020 | over Marble Slab |
| 9 | | 0.035 | |
| 10 | | 0.040 | |
| 11 | | 0.040 | |
| 12 | | 0.030 | |
| 13 | | 0.030 | |
| 14 | | 0.040 | |
| 15 | | 0.025 | under table |
| 16 | | 0.025 | |
| 17 | | 0.030 | |
| 18 | | 0.025 | under table/ant edge |
| 19 | | 0.0150 | |
| 20 | | 0.020 | under table/ant edge |
| 21 | | 0.015 | under table |
| 22 | | 0.015 | |
| 23 | | 0.015 | |
| 24 | | 0.025 | |
| 25 | | 0.015 | under table |
| 26 | | 0.0150 | |
| 27 | | 0.020 | |
| 28 | | 0.025 | |
| 29 | | 0.025 | |
| 30 | | 0.020 | |

31

0.020

Survey Worksheet

Date 4/2/04 Room 821A Surveyors Stephan & Aaron

[illegible]

| | | | |
|--|----|----|----|
| | 27 | 25 | 23 |
| | 28 | 26 | 24 |

| | |
|----|----|
| | |
| 29 | 30 |
| 31 | 32 |

| | | | |
|----|----|----|---|
| 12 | 11 | 10 | 9 |
| 5 | 6 | 7 | 8 |
| 4 | 3 | 2 | 1 |

| | |
|----|----|
| 21 | 22 |
| 19 | 20 |
| 17 | 18 |

| | | | |
|--|----|----|----|
| | 16 | 14 | 34 |
| | 15 | 13 | 33 |

ROOM 822

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 822

[illegible]

Walls

Survey Worksheet

Moken 1
Pet 3Building: ☒ Lakeside Hospital☐ MSBRoom 822

Sun/Jan

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 13 | 180 | 4/23/04 | SY | — | — | — | 16 | 4/23/04 | NSM |
| 14 | 170 | | | | | | 17 | | |
| 15 | 170 | | | | | | 18 | | |
| 16 | 185 | | | | | | 19 | | |
| 17 | 165 | | | | | | 20 | | |
| 18 | 150 | | | | | | 21 | | |
| 19 | 130 | | | | | | 22 | | |
| 20 | 120 | | | | | | 23 | | |
| 21 | 115 | | | | | | 24 | | |
| 22 | 95 | | | | | | 25 | | |
| 23 | 115 | | | | | | 26 | | |
| 24 | 125 | | | | | | 27 | | |
| 25 | 105 | | | | | | 28 | | |
| 26 | 130 | | | | | | 29 | | |
| 27 | 100 | | | | | | 30 | | |
| 28 | 130 | | | | | | 31 | | |
| 29 | 160 | ✓ | ✓ | ✓ | ✓ | ✓ | 32 | ✓ | ✓ |

Mefer

Surface

Building: ☐ Lakeside Hospital

☒ **MSB**Room 822

Net 3

[illegible]

Survey Worksheet

Date 4/19/04 Room 322 Surveyors _____

[illegible]

Survey Worksheet

Date 4/24/04 Room 822 Surveyors Stark Anger

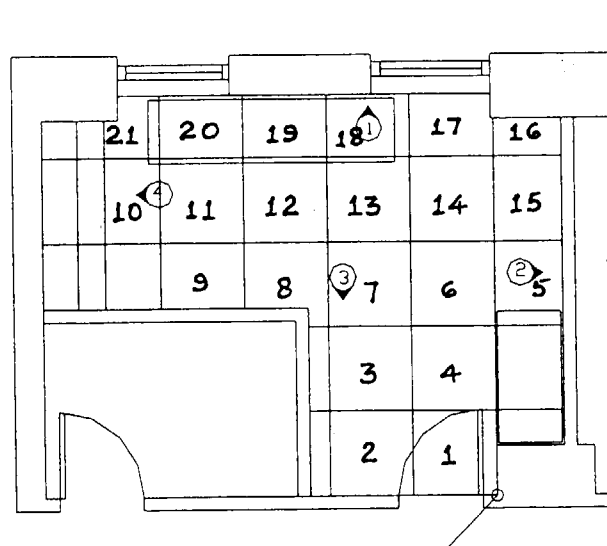
[illegible]

| | | | | | |
|--------|----|--------|----|----|----|
| 3 8 | | 3 6 | 34 | 32 | 30 |
| 3 9 | 37 | | 35 | 33 | 31 |

① ELEVATION

| | |
|----|----|
| 40 | 41 |
| | |
| | |
| | |
| | |
| | |

④ ELEVATION



START GRID HERE

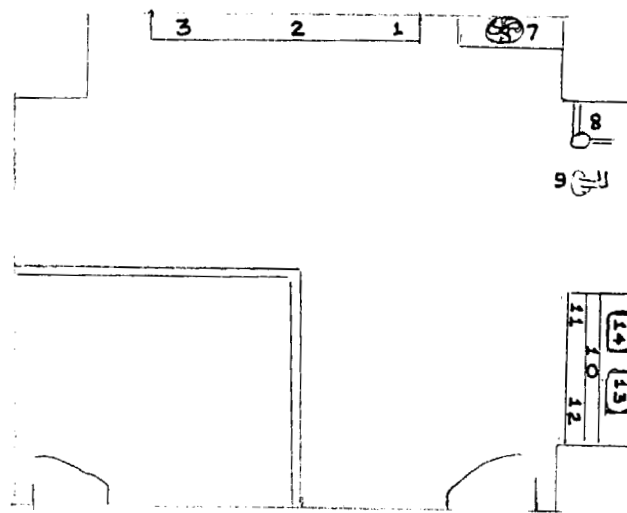
ROOM 823

| | | | |
|----|----|----|---|
| 9 | 2 | 8 | 2 |
| 27 | 26 | 26 | |
| 25 | 24 | 24 | |
| 23 | 22 | 22 | |
| | | 60 | |
| | | 58 | |
| | | 59 | |

② ELEVATION

| | | | | | |
|----|----|----|----|----|----|
| 47 | 49 | 51 | 53 | 55 | 57 |
| 46 | 48 | 50 | 52 | 54 | 56 |

③ ELEVATION



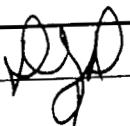
ROOM 823

Survey Worksheet

Building: ☒ Lakeside Hospital ☐ MSB

Room 823

Meter 3

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|---|------------------------|---------|----------|----------|---------|----------|
| 1 | 475 | 4/19/04 |  | 0.020 | 4/20/04 | | 79 | 4/22/04 | NB/ |
| 2 | 454 | | | 0.020 | | | 80 | | |
| 3 | 424 | | | 0.015 | | | 81 | | |
| 4 | 430 | | | 0.030 | | | 82 | | |
| 5 | 437 | | | 0.025 | | | 83 | | |
| 6 | 464 | | | 0.020 | | | 84 | | |
| 7 | 413 | | | 0.010 | | | 85 | | |
| 8 | 501 | | | 0.035 | | | 86 | | |
| 9 | 465 | | | 0.030 | | | 87 | | |
| 10 | 457 | | | 0.010 | | | 88 | | |
| 11 | 454 | | | 0.010 | | | 89 | | |
| 12 | 449 | | | 0.025 | | | 90 | | |
| 13 | 465 | | | 0.020 | | | 91 | | |
| 14 | 435 | | | 0.030 | | | 92 | | |
| 15 | 522 | | | 0.025 | | | 93 | | |
| 16 | 451 | | | 0.040 | | | 94 | | |
| 17 | 437 | | | 0.020 | | | 95 | | |

Survey Worksheet

Building:

☒ Lakeside Hospital

☐ **MSB**Room 823

Meter 3

[illegible]

walls

Survey Worksheet

Meter 1

Building: ☒ Lakeside Hospital

☐ MSB

Room 823

Surface

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 22 | 150 | 4/23/04 | SV | — | — | — | 38 | 4/23/04 | NSM |
| 23 | 170 | ↓ | ↓ | ↓ | ↓ | ↓ | 39 | ↓ | ↓ |
| 24 | 150 | | | | | | 40 | | |
| 25 | 180 | | | | | | 41 | | |
| 26 | 125 | | | | | | 42 | | |
| 27 | 130 | | | | | | 43 | | |
| 28 | 140 | | | | | | 44 | | |
| 29 | 135 | | | | | | 45 | | |
| 30 | 140 | | | | | | 46 | | |
| 31 | 175 | | | | | | 47 | | |
| 32 | 155 | | | | | | 48 | | |
| 33 | 165 | | | | | | 49 | | |
| 34 | 120 | | | | | | 50 | | |
| 35 | 180 | | | | | | 51 | | |
| 36 | 120 | | | | | | 52 | | |
| 37 | 90 | | | | | | 53 | | |
| 38 | 128 | | | | | | 54 | | |

Walls

Survey Worksheet

Meter 1
Set 3

Surface

Building: ☒ Lakeside Hospital

☐ MSB

Room 8 C 3

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|--------------------|---|
| 39 | 153 | 4/23/04 | 99 | — | — | — | 55 | 4/23/04 | MSB NSH | |
| 40 | 120 | ↓ | ↓ | ↓ | ↓ | ↓ | 56 | ↓ | ↓ | |
| 41 | 160 | | | | | | 57 | | | |
| 42 | cabinet | | | | | | ↑ | | | ↓ |
| 43 | | | | | | | | | | |
| 44 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 46 | 130 | | | | | | 58 | | | |
| 47 | 110 | | | | | | 59 | | | |
| 48 | 100 | | | | | | 60 | | | |
| 49 | 130 | | | | | | 61 | | | |
| 50 | 100 | 62 | | | | | | | | |
| 51 | 120 | 63 | | | | | | | | |
| 52 | 130 | 64 | | | | | | | | |
| 53 | 130 | 65 | | | | | | | | |
| 54 | 120 | 66 | | | | | | | | |
| 55 | 130 | 67 | | | | | | | | |

walls

Survey Worksheet

Meter 1

Det 3

Surfaces

Building: ☒ Lakeside Hospital

☐ **MSB**Room 823[illegible]

meter #1

White # Meter # 1

Building:

☒ Lakeside Hospital

☐ **MSB**

Room 823

[illegible]

Survey Worksheet

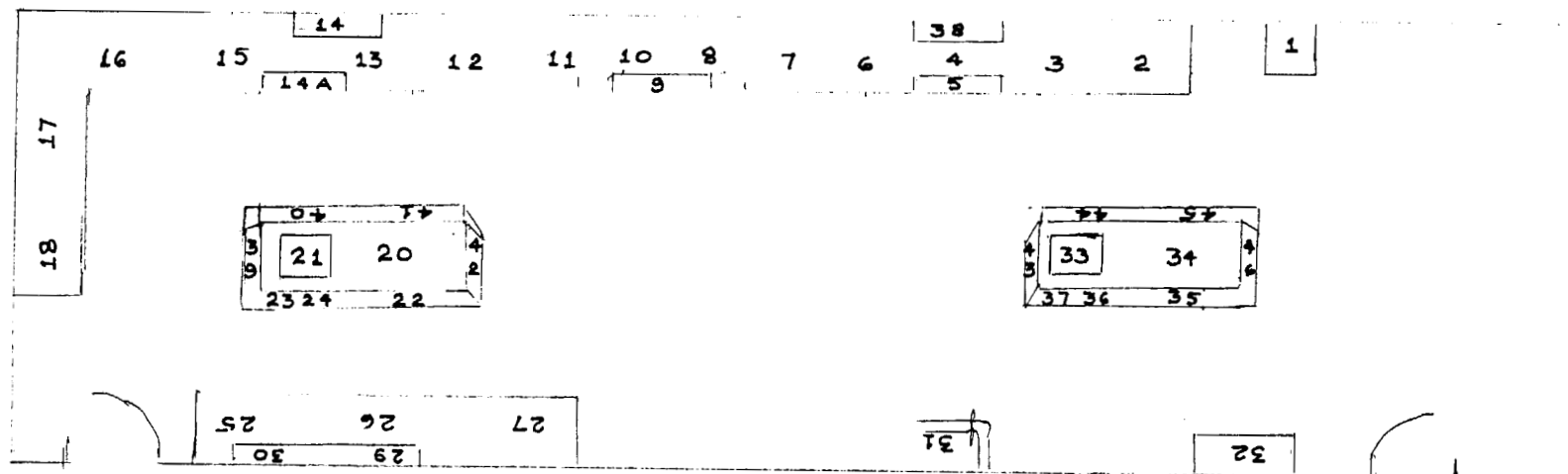
Date 4/19/04 Room 823 Surveyors Nina Bijedic Steph Hays

[illegible]

Survey Worksheet

Date 4/20/04 Room 823 Surveyors Stark

[illegible]



ROOM 824

Survey Worksheet

Building:

☒ Lakeside Hospital

☐ MSB

Room 824

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|---------|----------|----------|---------|----------|
| 1 | 504 | 4/19/04 | | 0.030 | 4/20/04 | | 100 | 4/22/04 | NB/ |
| 2 | 460 | | | 0.035 | | | 1 | | |
| 3 | 484 | | | 0.020 | | | 2 | | |
| 4 | 363 | | | 0.020 | | | 3 | | |
| 5 | 511 | | | 0.030 | | | 4 | | |
| 6 | 443 | | | 0.030 | | | 5 | | |
| 7 | 445 | | | 0.025 | | | 6 | | |
| 8 | 484 | | | 0.030 | | | 7 | | |
| 9 | 454 | | | 0.030 | | | 8 | | |
| 10 | 445 | | | 0.035 | | | 9 | | |
| 11 | 455 | | | 0.030 | | | 10 | | |
| 12 | 371 | | | 0.025 | | | 11 | | |
| 13 | 375 | | | 0.030 | | | 12 | | |
| 14 | 407 | | | 0.025 | | | 13 | | |
| 15 | 480 | | | 0.035 | | | 14 | | |
| 16 | 450 | | | 0.030 | | | 15 | | |
| 17 | 431 | | | 0.020 | | | 16 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 824

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|---------|----------|----------|---------|----------|
| 18 | 392 | 4/19/04 | | 0.030 | 4/20/04 | | 17 | 4/22/04 | NB/ |
| 19 | 441 | | | 0.025 | | | 18 | | |
| 20 | 381 | | | 0.035 | | | 19 | | |
| 21 | 453 | | | 0.030 | | | 20 | | |
| 22 | 412 | | | 0.025 | | | 21 | | |
| 23 | 364 | | | 0.020 | | | 22 | | |
| 24 | 442 | | | 0.010 | | | 23 | | |
| 25 | 465 | | | 0.035 | | | 24 | | |
| 26 | 412 | | | 0.025 | | | 25 | | |
| 27 | 448 | | | 0.020 | | | 26 | | |
| 28 | 403 | | | 0.020 | | | 27 | | |
| 29 | 434 | | | 0.030 | | | 28 | | |
| 30 | 430 | | | 0.025 | | | 29 | | |
| 31 | 373 | | | 0.020 | | | 30 | | |
| 32 | 453 | | | 0.030 | | | 31 | | |
| 33 | 497 | | | 0.035 | | | 32 | | |
| 34 | 516 | | | 0.010 | | | 33 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 824

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|---------|----------|----------|---------|----------|
| 35 | 489 | 4/19/04 | | 0.020 | 4/20/04 | | 34 | 4/22/04 | NB/ |
| 36 | 460 | | | 0.030 | | | 35 | | |
| 37 | 429 | | | 0.020 | | | 36 | | |
| 38 | 446 | | | 0.020 | | | 37 | | |
| 39 | 437 | | | 0.035 | | | 38 | | |
| 40 | 401 | | | 0.025 | | | 39 | | |
| 41 | 432 | | | 0.025 | | | 40 | | |
| 42 | 420 | | | 0.035 | | | 41 | | |
| 43 | 439 | | | 0.035 | | | 42 | | |
| 44 | 441 | | | 0.010 | | | 43 | | |
| 45 | 416 | | | 0.015 | | | 44 | | |
| 46 | 414 | | | 0.015 | | | 45 | | |
| 47 | 423 | | | 0.020 | | | 46 | | |
| 48 | 403 | | | 0.035 | | | 47 | | |
| 49 | 411 | | | 0.010 | | | 48 | | |
| 50 | 443 | | | 0.015 | | | 49 | | |
| 51 | — | ▽ | | 0. — | ▽ | | 50 | ↓ | ↓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 824

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|----------|----------|----------|---------|----------|
| 52 | — | 4/19/04 | | — | 04/29/04 | | 51 | 4/22/04 | NB/ |
| 53 | 422 | | | 0.035 | | | 52 | | |
| 54 | 390 | | | 0.035 | | | 53 | | |
| 55 | 376 | | | 0.035 | | | 54 | | |
| 56 | 392 | | | 0.010 | | | 55 | | |
| 57 | 438 | | | 0.020 | | | 56 | | |
| 58 | 422 | | | 0.020 | | | 57 | | |
| 59 | 354 | | | 0.030 | | | 58 | | |
| 60 | 394 | | | 0.025 | | | 59 | | |
| 61 | 420 | | | 0.035 | | | 60 | | |
| 62 | 369 | | | 0.010 | | | 61 | | |
| 63 | 425 | | | 0.030 | | | 62 | | |
| 64 | 457 | | | 0.025 | | | 63 | | |
| 65 | 450 | | | 0.030 | | | 64 | | |
| 66 | 446 | | | 0.035 | | | 65 | | |
| 67 | 490 | | | 0.030 | | | 66 | | |
| 68 | 469 | ∇ | | 0.010 | ∇ | | 67 | ↓ | ↓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 824

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|----------|----------|----------|---------|----------|
| 69 | 496 | 4/19/04 | | 0.030 | 04/20/04 | | 68 | 4/22/04 | NB/ |
| 70 | 456 | | | 0.030 | | | 69 | | |
| 71 | 416 | | | 0.020 | | | 70 | | |
| 72 | 381 | | | 0.030 | | | 71 | | |
| 73 | Table | | | 0.025 | | | 72 | | |
| 74 | In Access, 10' | | | 0.020 | | | 73 | | |
| 75 | | | | 0.030 | | | 74 | | |
| 76 | | | | 0.020 | | | 75 | | |
| 77 | | | | 0.020 | | | 76 | | |
| 78 | | | | 0.025 | | | 77 | | |
| 79 | | | | 0.030 0.030 | | | 78 | | |
| 80 | | | | 0.030 | | | 79 | | |
| 81 | | | | 0.020 | | | 80 | | |
| 82 | | | | 0.025 | | | 81 | | |
| 83 | | | | 0.020 | | | 82 | | |
| 84 | | | | 0.025 | | | 83 | | |
| 85 | | | | — | | | 84 | | |

walls

Ludlum 2241, 44-94
S.No 203640, PR198969

Survey Worksheet

B Key 115
13 alt o/c
4.5 Key

Building:

☒ Lakeside Hospital

☐ MSB

Room 824

Surfer

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 86 | 114 | 4/22/04 | SV | | | | 73 | 4/23/04 | NSN |
| 87 | 112 | | | | | | 74 | | |
| 88 | 120 | | | | | | 75 | | |
| 89 | 119 | | | | | | 76 | | |
| 90 | 125 | | | | | | 77 | | |
| 91 | 130 | | | | | | 78 | | |
| 92 | 120 | | | | | | 79 | | |
| 93 | 114 | | | | | | 80 | | |
| 94 | 118 | | | | | | 81 | | |
| 95 | 118 | | | | | | 82 | | |
| 96 | 119 | | | | | | 83 | | |
| 97 | 124 | | | | | | 84 | | |
| 98 | 130 | | | | | | 85 | | |
| 99 | 134 | | | | | | 86 | | |
| 100 | 132 | | | | | | 87 | | |
| 101 | 125 | | | | | | 88 | | |
| 102 | 114 | | | | | | 89 | | |

Walls

Survey Worksheet

meter 1
Ref 3

Building: ☒ Lakeside Hospital

☐ MSB

Room 824

surface

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 103 | 94.0 | 4/22/04 | AY | | | | 90 | 4/23/04 | NSM |
| 104 | 112.0 | | | | | | 91 | | |
| 105 | 114 | | | | | | 92 | | |
| 106 | 120 | | | | | | 93 | | |
| 107 | 130 | | | | | | 94 | | |
| 108 | 125 | | | | | | 95 | | |
| 109 | 120 | | | | | | 96 | | |
| 110 | 110 | | | | | | 97 | | |
| 111 | 119 | | | | | | 98 | | |
| 112 | 120 | | | | | | 99 | | |
| 113 | 124 | | | | | | 100 | | |
| 114 | 124 | | | | | | 1 | | |
| 115 | 135 | | | | | | 2 | | |
| 116 | 143 | | | | | | 3 | | |
| 117 | 146 | | | | | | 4 | | |
| 118 | 153 | | | | | | 5 | | |
| 119 | 135 | | | | | | 600 | | |

Walls

Survey Worksheet

Me for 1

12et 3

Surface

Building: ☒ Lakeside Hospital

☐ MSB

Room 324

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 120 | 145 | 4/22/04 | SY | | | | 7 | 4/23/04 | NSY |
| 121 | 125 | | | | | | 8 | | |
| 122 | 114 | | | | | | 9 | | |
| 123 | 94 | | | | | | 10 | | |
| 124 | 138 | | | | | | 11 | | |
| 125 | 135 | | | | | | 12 | | |
| 126 | 143 | | | | | | 13 | | |
| 127 | 118 | | | | | | 14 | | |
| 128 | 137 | | | | | | 15 | | |
| 129 | 124 | | | | | | 16 | | |
| 130 | 130 | | | | | | 17 | | |
| 131 | 134 | | | | | | 18 | | |
| 132 | 124 | | | | | | 19 | | |
| 133 | 143 | | | | | | 20 | | |
| 134 | 140 | | | | | | 21 | | |
| 135 | 125 | | | | | | 22 | | |
| 131 | 119 | ✓ | ✓ | | | | 23 | ↓ | ↓ |

Walls

Survey Worksheet

Meter 1
Det 3

Surface

Building: ☒ Lakeside Hospital☐ MSBRoom 824

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 137 | 149 | 4/22/04 | SY | | | | 24 | 4/23/04 | NSY |
| 138 | 156 | | | | | | 25 | | |
| 139 | 159 | | | | | | 26 | | |
| 140 | 135 | | | | | | 27 | | |
| 141 | 164 | | | | | | 28 | | |
| 142 | 124 | | | | | | 29 | | |
| 143 | 182 | | | | | | 30 | | |
| 144 | 174 | | | | | | 31 | | |
| 145 | 148 | | | | | | 32 | | |
| 146 | 146 | | | | | | 33 | | |
| 147 | 134 | | | | | | 34 | | |
| 148 | 144 | | | | | | 35 | | |
| 149 | 133 | | | | | | 36 | | |
| 150 | 163 | | | | | | 37 | | |
| 151 | 182 | | | | | | 38 | | |
| 152 | 145 | | | | | | 39 | | |
| 153 | 124 | ✓ | ✓ | | | | 40 | ↓ | ↓ |

walls

Survey Worksheet

meter 1
Ref 3

Surface

Building: ☒ Lakeside Hospital

☐ MSB

Room 829

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 154 | 152 | 4/22/04 | SY | | | | 41 | 4/23/04 | 1/54 |
| 155 | 141 | | | | | | 42 | | |
| 156 | 125 | | | | | | 43 | | |
| 157 | 136 | | | | | | 44 | | |
| 158 | 125 | | | | | | 45 | | |
| 159 | 108 | | | | | | 46 | | |
| 160 | 181 | | | | | | 47 | | |
| 161 | 142 | | | | | | 48 | | |
| 162 | 134 | | | | | | 49 | | |
| 163 | 103 | | | | | | 50 | | |
| 164 | 125 | | | | | | 51 | | |
| 165 | 109 | | | | | | 52 | | |
| 166 | 155 | | | | | | 53 | | |
| 167 | 136 | | | | | | 54 | | |
| 168 | 123 | | | | | | 55 | | |
| 169 | 129 | | | | | | 56 | | |
| 170 | 156 | ✓ | ✓ | | | | 57 | | |

Walls

Survey Worksheet

meter 1

Set 3

Surfaces

Building: ☒ Lakeside Hospital☐ MSBRoom 824

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 171 | 177 | 4/22/04 | GV | | | | 58 | 4/23/04 | NSM |
| 172 | 145 | | | | | | 59 | | |
| 173 | 157 | | | | | | 60 | | |
| 174 | 162 | | | | | | 61 | | |
| 175 | 168 | | | | | | 62 | | |
| 176 | 166 | | | | | | 63 | | |
| 177 | 156 | | | | | | 64 | | |
| 178 | 166 | | | | | | 65 | | |
| 179 | 150 | | | | | | 66 | | |
| 180 | 166 | | | | | | 67 | | |
| 181 | 175 | | | | | | 68 | | |
| 182 | 156 | | | | | | 69 | | |
| 183 | 150 | | | | | | 70 | | |
| 184 | 183 | | | | | | 71 | | |
| 185 | 171 | | | | | | 72 | | |
| 186 | 156 | | | | | | 73 | | |
| 187 | 138 | ✓ | ✓ | | | | 74 | ✓ | ✓ |

Survey Worksheet

Counters

Building:

☐ Lakeside Hospital

☐ MSB

Room 824

White#

Surface Meter

| Grid Position | Room Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-----------------------------------|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 1 | 140 | 4/28/04 | SY | — | — | — | 37 | 4/28/04 | Nsn |
| 2 | 110 | | | | | | 38 | | |
| 3 | 112 | | | | | | 39 | | |
| 4 | 116 | | | | | | 40 | | |
| 5 | 113 | | | | | | 41 | | |
| 6 | 110 | | | | | | 42 | | |
| 7 | 99 | | | | | | 43 | | |
| 8 | 105 | | | | | | 44 | | |
| 9 | 95 | | | | | | 45 | | |
| 10 | 100 | | | | | | 46 | | |
| 11 | 95 | | | | | | 47 | | |
| 12 | 100 | | | | | | 48 | | |
| 13 | 125 | | | | | | 49 | | |
| 14 | 129 | | | | | | 50 | | |
| 15 | 95 | | | | | | 51 | | |
| 16 | 103 | | | | | | 52 | | |
| 17 | 110 | | | | | | 53 | | |

14A

90

Counters

Survey Worksheet

White # surface Meter 1

Building: ☒ Lakeside Hospital

☐ MSB

Room 824

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|----------|
| 18 | 119 | 4/28/04 | | — | — | — | 54 | 4/23/04 | NSM |
| 19 | 90 | ↓ | | ↓ | ↓ | ↓ | 55 | | |
| 20 | 95 | | | | | | 56 | | |
| 21 | 97 | | | | | | 57 | | |
| 22 | 95 | | | | | | 58 | | |
| 23 | 125 | | | | | | 59 | | |
| 24 | 95 | | | | | | 60 | | |
| 25 | 100 | | | | | | 61 | | |
| 26 | 105 | | | | | | 62 | | |
| 27 | 97 | | | | | | 63 | | |
| 28 | 114 | | | | | | 64 | | |
| 29 | 120 | | | | | | 65 | | |
| 30 | 110 | | | | | | 66 | | |
| 31 | 154 | | | | | | 67 | | |
| 32 | 135 | | | | | | 68 | | |
| 33 | 125 | | | | | | 69 | | |
| 34 | 100 | ↓ | | ↓ | ↓ | ↓ | 70 | ↓ | ↓ |

Survey Worksheet

White # Counters Building:
Surf Meter 1

Building:

☐ Lakeside Hospital☐ **MSB**

Room 824

[illegible]

Survey Worksheet

824

Date 4/19/04 Room 8 Surveyors _____

| Grid Position | Floor Monitor cpm | 1 m Exposure Rate mR/h | Notes |
|---------------|-------------------|------------------------|-------|
| 1 | 504 | | |
| 2 | 460 | | |
| 3 | 484 | | |
| 4 | 363 | | |
| 5 | 511 | | |
| 6 | 443 | | |
| 7 | 445 | | |
| 8 | 484 | | |
| 9 | 454 | | |
| 10 | 445 | | |
| 11 | 455 | | |
| 12 | 371 | | |
| 13 | 375 | | |
| 14 | 407 | | |
| 15 | 480 | | |
| 16 | 450 | | |
| 17 | 431 | | |
| 18 | 392 | | |
| 19 | 441 | | |
| 20 | 381 | | |
| 21 | 453 | | |
| 22 | 412 | | |
| 23 | 364 | | |
| 24 | 442 | | |
| 25 | 465 | | |
| 26 | 412 | | |
| 27 | 448 | | |
| 28 | 403 | | |
| 29 | 434 | | |
| 30 | 430 | | |

Survey Worksheet

Date 4/19/04 Room 824 Surveyors _____

| Grid Position | Floor Monitor cpm | 1 m Exposure Rate mR/h | Notes |
|---------------|-------------------|------------------------|-------|
| 31 | 373 | | |
| 32 | 453 | | |
| 33 | 497 | | |
| 34 | 516 | | |
| 35 | 489 | | |
| 36 | 460 | | |
| 37 | 429 | | |
| 38 | 446 | | |
| 39 | 437 | | |
| 40 | 401 | | |
| 41 | 432 | | |
| 42 | 420 | | |
| 43 | 439 | | |
| 44 | 441 | | |
| 45 | 416 | | |
| 46 | 414 | | |
| 47 | 423 | | |
| 48 | 403 | | |
| 49 | 411 | | |
| 50 | 443 | | |
| 51 | — | | |
| 52 | — | | |
| 53 | 422 | | |
| 54 | 390 | | |
| 55 | 376 | | |
| 56 | 392 | | |
| 57 | 438 | | |
| 58 | 422 | | |
| 59 | 354 | | |
| 60 | 394 | | |

Survey Worksheet

Date 4/19/04 Room 824 Surveyors _____

[illegible]

Survey Worksheet

Date 4/20/04 Room 824 Surveyors SKA

| Grid Position | Floor Monitor cpm | 1 m Exposure Rate mR/h | Notes |
|---------------|-------------------|------------------------|--------------------------|
| 1 | | 0.030 | Batt: 10k 13Kgd 0.02 m/h |
| 2 | | 0.035 | |
| 3 | | 0.020 | |
| 4 | | 0.020 | |
| 5 | | 0.030 | |
| 6 | | 0.030 | |
| 7 | | 0.025 | |
| 8 | | 0.030 | |
| 9 | | 0.030 | |
| 10 | | 0.035 | |
| 11 | | 0.030 | |
| 12 | | 0.025 | |
| 13 | | 0.030 | |
| 14 | | 0.025 | |
| 15 | | 0.035 | |
| 16 | | 0.030 | |
| 17 | | 0.020 | |
| 18 | | 0.030 | |
| 19 | | 0.025 | |
| 20 | | 0.035 | |
| 21 | | 0.030 | |
| 22 | | 0.025 | |
| 23 | | 0.020 | |
| 24 | | 0.010 | |
| 25 | | 0.035 | |
| 26 | | 0.025 | |
| 27 | | 0.020 | |
| 28 | | 0.020 | |
| 29 | | 0.030 | |
| 30 | | 0.025 | |

Survey Worksheet

Date 4/20/04 Room 824 Surveyors Stacy

| Grid Position | Floor Monitor cpm | 1 m Exposure Rate mR/h | Notes |
|---------------|-------------------|------------------------|-------------|
| 31 | | 0.020 | |
| 32 | | 0.030 | |
| 33 | | 0.035 | |
| 34 | | 0.010 | |
| 35 | | 0.020 | |
| 36 | | 0.030 | |
| 37 | | 0.020 | |
| 38 | | 0.020 | |
| 39 | | 0.035 | |
| 40 | | 0.025 | |
| 41 | | 0.025 | |
| 42 | | 0.035 | |
| 43 | | 0.035 | |
| 44 | | 0.010 | |
| 45 | | 0.015 | Bath |
| 46 | | 0.015 | |
| 47 | | 0.020 | |
| 48 | | 0.035 | |
| 49 | | 0.010 | |
| 50 | | 0.015 | |
| 51 | | 0.035 SM | under table |
| 52 | | | under table |
| 53 | | 0.030 | |
| 54 | | 0.035 | |
| 55 | | 0.035 | |
| 56 | | 0.010 | |
| 57 | | 0.020 | |
| 58 | | 0.020 | |
| 59 | | 0.030 | |
| 60 | | 0.025 | |

Survey Worksheet

Date 4/20/04 Room 824 Surveyors SKP

[illegible]

| | | | |
|--|--|----|--|
| | | | |
| | | 27 | |
| | | | |

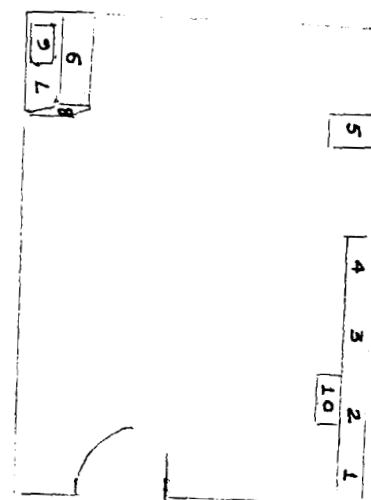
| | | |
|--|----|----|
| | 28 | |
| | 29 | 32 |
| | 32 | 36 |
| | | 35 |
| | 33 | 34 |

| | | | |
|----|----|----|----|
| | 17 | | |
| | | 18 | 19 |
| 15 | 14 | 13 | 12 |
| 8 | 9 | 10 | 11 |
| 7 | 6 | 5 | |
| | | 3 | 4 |
| 1 | 2 | | |

| | | |
|----|----|--|
| 43 | 44 | |
| 29 | 26 | |
| 30 | 25 | |
| | 24 | |
| 31 | 23 | |

ROOM 825

| | | | |
|--|----|----|----|
| | 20 | 40 | 39 |
| | 21 | 41 | 38 |
| | 22 | 42 | |



ROOM 825

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 825

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|----------|----------|----------|---------|----------|
| 1 | 400 | 4/19/04 | NSH | 0.030 | 04/21/04 | | 31 | 4/21/04 | NSH |
| 2 | 477 | | | 0.025 | | | 32 | | |
| 3 | 399 | | | 0.020 | | | 33 | | |
| 4 | — | | | — | | | 34 | | |
| 5 | 395 | | | 0.020 | | | 35 | | |
| 6 | 475 | | | 0.0175 | | | 36 | | |
| 7 | 472 | | | 0.020 | | | 37 | | |
| 8 | 452 | | | 0.0225 | | | 38 | | |
| 9 | 404 | | | 0.015 | | | 39 | | |
| 10 | 402 | | | 0.015 | | | 40 | | |
| 11 | — | | | — | | | 41 | | |
| 12 | — | | | — | | | 42 | | |
| 13 | 547 | | | 0.0175 | | | 43 | | |
| 14 | 382 | | | 0.0225 | | | 44 | | |
| 15 | 423 | | | 0.015 | | | 45 | | |
| 16 | 392 | | | 0.0125 | | | 46 | | |
| 17 | 441 | | | 0.015 | | | 47 | | |
| 18 | 432 | | | 0.020 | | | 48 | | |
| 19 | 512 | | | 0.010 | | | 49 | | |

B hel 120
Bwt OK
U2 scan 4.6 1km

W 11225

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 825

Surface

| Grid Position | Floor Monitor cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|-------------------|---------|----------|------------------------|------|----------|----------|---------|------------------------|
| 20 | 177 | 4/23/04 | SV | | | | 75 | 4/23/04 | 4/23/04 NSM |
| 21 | 140 | | | | | | 76 | | |
| 22 | 124 | | | | | | 77 | | |
| 23 | 130 | | | | | | 78 | | |
| 24 | 125 | | | | | | 79 | | |
| 25 | 140 | | | | | | 80 | | |
| 26 | 175 | | | | | | 81 | | |
| 27 | 185 | | | | | | 82 | | |
| 28 | 172 | | | | | | 83 | | |
| 29 | 174 | | | | | | 84 | | |
| 30 | 156 | | | | | | 85 | | |
| 31 | 173 | | | | | | 86 | | |
| 32 | 142 | | | | | | 87 | | |
| 33 | 152 | | | | | | 88 | | |
| 34 | 170 | | | | | | 89 | | |
| 35 | 216.0 | | | | | | 90 | | |
| 36 | 172 | ✓ | ✓ | | | | 91 | ✓ | ✓ |

Survey Worksheet

white # Counter S Building: Surface Meter f

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 825

[illegible]

Survey Worksheet

Date 4/19/04 Room 825 Surveyors _____

[illegible]

Survey Worksheet

Date 4/21/04 Room 825 Surveyors Stephen Hays

[illegible]

Survey Worksheet

white#

Building: ☒ Lakeside Hospital

☐ **MSB**

Room Hallway

[illegible]

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

Chicago - Lakeside Hospital Final Status Survey

| | | | | | Probe Active | |
|--|--|------------|------------------------|---------------|--------------|-------------------------|
| Survey Date: 22-Jul-04 | | Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Area (cm ²) |
| Survey Unit #: LS-17 | | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 60 |
| Building: Lakeside Hospital | | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 60 |
| Floor: 8 | | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 15 |
| FSS Floor Classification: 3 | | F | Ludlum 239-1F | 203519 | PR190331 | 528 |
| SU DCGLW (dpm/100cm ²): 6.94E+03 | | | | | | |
| SU Description: Historical animal use area. Totally remodeled as building morgue and southwest wing of floor (rooms 829A-838). | | | | | | |

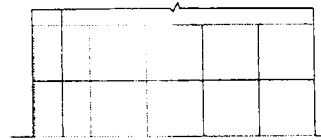
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-17.01 | S | 1 | F | VT | 135 | 122.4 | 12.6 | 3.13E+02 | -1 |
| LS-17.02 | S | 1 | F | VT | 136 | 122.4 | 13.6 | 3.38E+02 | -1 |
| LS-17.03 | S | 1 | F | VT | 122 | 122.4 | -0.4 | -9.95E+00 | -1 |
| LS-17.04 | S | 1 | F | VT | 135 | 122.4 | 12.6 | 3.13E+02 | -1 |
| LS-17.05 | S | 1 | F | VT | 164 | 122.4 | 41.6 | 1.03E+03 | -1 |
| LS-17.06 | S | 1 | F | C | 233 | 137.2 | 95.8 | 2.38E+03 | -1 |
| LS-17.07 | S | 1 | F | VT | 112 | 122.4 | -10.4 | -2.59E+02 | -1 |
| LS-17.08 | S | 1 | F | CT | 294 | 287.8 | 6.2 | 1.54E+02 | -1 |
| LS-17.09 | S | 1 | F | CT | 301 | 287.8 | 13.2 | 3.28E+02 | -1 |
| LS-17.10 | S | 1 | F | VT | 112 | 122.4 | -10.4 | -2.59E+02 | -1 |
| LS-17.11 | S | 2a | W | PL | 131 | 124.4 | 6.6 | 1.77E+02 | -1 |
| LS-17.12 | S | 1 | W | PL | 121 | 124.4 | -3.4 | -8.46E+01 | -1 |
| LS-17.13 | S | 1 | F | VT | 164 | 122.4 | 41.6 | 1.03E+03 | -1 |
| LS-17.14 | S | 1 | F | VT | 125 | 122.4 | 2.6 | 6.47E+01 | -1 |
| LS-17.15 | S | 1 | F | CT | 309 | 287.8 | 21.2 | 5.27E+02 | -1 |
| LS-17.16 | S | 1 | F | VT | 110 | 122.4 | -12.4 | -3.08E+02 | -1 |
| LS-17.17 | S | 1 | F | VT | 122 | 122.4 | -0.4 | -9.95E+00 | -1 |
| LS-17.18 | S | 1 | F | VT | 116 | 122.4 | -6.4 | -1.59E+02 | -1 |
| LS-17.19 | S | 1 | F | VT | 130 | 122.4 | 7.6 | 1.89E+02 | -1 |
| LS-17.20 | S | 1 | F | VT | 127 | 122.4 | 4.6 | 1.14E+02 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|-------------|--------------------------|
| Area | Instr. # | Gross CPM | Notes |
| Morgue Floor | F | 455 - 566 | No spots > A.L. observed |
| Room 827 | F | 1450 - 1540 | Red Clay Tile |
| Hall Floor | F | 315 - 405 | No spots > A.L. observed |
| Walls - Morgue | 2a | 315 - 398 | Gray porcelain tile |
| Walls - Plaster | 2a | 125 - 200 | No spots > A.L. observed |

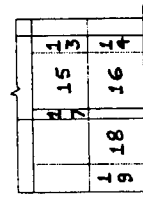
| | |
|-------------------------------------|----------|
| Mean | 2.91E+02 |
| Median | 1.34E+02 |
| Range | 2.69E+03 |
| Std Dev (1 σ) | 6.49E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

NOTES:

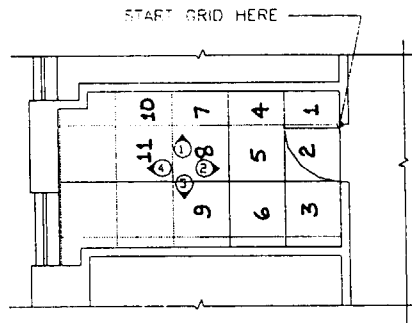
- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = lower wall (< 2m)
- Surface Materials: VT = Vinyl Tile CT = Clay Tile PL = Plaster C = Concrete
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLW, Sign = +1, Otherwise -1.



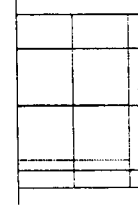
① ELEVATION



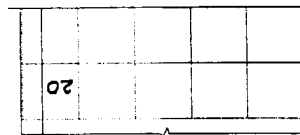
④ ELEVATION



ROOM 829B



② ELEVATION



③ ELEVATION

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 829B

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input checked="" type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|--|---|--------|----------|------------------------------|--------|----------|----------|--------|----------|
| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 1 | 884 | 7/6/04 | YL | 0.01 | 7/6/04 | YL | 50 | 7.6.04 | AC |
| 2 | 791 | | | 0.01 | | | 51 | | |
| 3 | 860 | | | 0.01 | | | 52 | | |
| 4 | 845 | | | 0.01 | | | 53 | | |
| 5 | 838 | | | 0.01 | | | 54 | | |
| 6 | 874 | | | 0.01 | | | 55 | | |
| 7 | 854 | | | 0.01 | | | 56 | | |
| 8 | 824 | | | 0.01 | | | 57 | | |
| 9 | 884 | | | 0.01 | | | 58 | | |
| 10 | 856 | | | 0.01 | | | 59 | | |
| 11 | 890 | | | 0.01 | | | 60 | | |
| 12 | 879 | | | 0.01 | | | 61 | | |
| 13 | 316 | 7/6/04 | SY | | | | 62 | 7.6.04 | AC |
| 14 | 277 | | | | | | 63 | | |
| 15 | 292 | | | | | | 64 | | |
| 16 | 288 | | | | | | 65 | | |
| 17 | 278 | | | | | | 66 | | |
| 18 | 245 | | | | | | 67 | | |
| 19 | 247 | | | | | | 68 | | |
| 20 | 298 | | | | | | 69 | | |

Walls

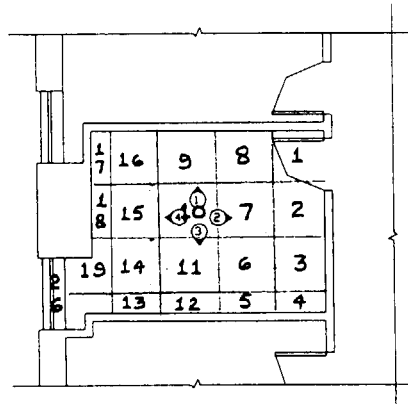
alls
↓



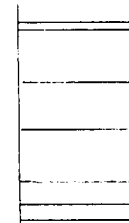
① ELEVATION

| | |
|----|----|
| 20 | 21 |
| 22 | 23 |
| 24 | 25 |
| | |

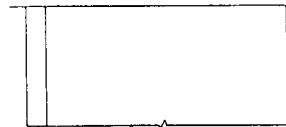
④ ELEVATION



ROOM 829C



② ELEVATION



③ ELEVATION

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 829C

| | |
|---|---|
| <input checked="" type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|--------|----------|----------|--------|----------|
| 1 | 900 | 7/5/04 | SH | 0.015 | 7/15/0 | 1882 | 70 | 7.6.04 | AC |
| 2 | 870 | | | 0.01 | | | 71 | | |
| 3 | 800 | | | 0.01 | | | 72 | | |
| 4 | 265 | 7.12.04 | AC | 0.01 | | | 73 | | |
| 5 | 690 | | | 0.01 | | | 74 | | |
| 6 | 670 | | | 0.01 | | | 75 | | |
| 7 | 712 | | | 0.01 | | | 76 | | |
| 8 | 910 | | | 0.01 | | | 77 | | |
| 9 | 990 | | | 0.02 | | | 78 | | |
| 10 | 770 | | | 0.01 | | | 79 | | |
| 11 | 900 | | | 0.01 | | | 80 | | |
| 12 | 1000 | | | 0.01 | | | 81 | | |
| 13 | 980 | | | 0.01 | | | 82 | | |
| 14 | 940 | | | 0.01 | | | 83 | | |
| 15 | 920 | | | 0.01 | | | 84 | | |
| 16 | 970 | | | 0.01 | | | 85 | | |
| 17 | 960 | | | 0.01 | | | 86 | | |
| 18 | 755 | | | 0.01 | | | 87 | | |
| 19 | 1000 | | | 0.02 | | | 88 | | |

* Not Accurate

Walls

☐ **MSB**

Room 829C

[illegible]

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

Chicago - Lakeside Hospital Final Status Survey

| | | | | | | Probe Active | |
|-------------------------------------|---|------------|------------------------|---------------|-----------|-------------------------------|-------------------------|
| | | Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Total Efficiency ¹ | Area (cm ²) |
| Survey Date: | 22-Jul-04 | 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| Survey Unit #: | LS-18 | 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| Building: | Lakeside Hospital | 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| Floor: | 8 | F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |
| FSS Floor Classification: | 2 | | | | | | |
| SU DCGLW (dpm/100cm ²): | 6.94E+03 | | | | | | |
| SU Description: | Northwest wing of floor. Rooms 839-850 plus corridor. | | | | | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-18.01 | S | 1 | F | C | 161 | 137.2 | 23.8 | 5.92E+02 | -1 |
| LS-18.02 | S | 1 | F | C | 164 | 137.2 | 26.8 | 6.67E+02 | -1 |
| LS-18.03 | S | 1 | F | VT | 115 | 122.4 | -7.4 | -1.84E+02 | -1 |
| LS-18.04 | S | 1 | F | VT | 102 | 122.4 | -20.4 | -5.07E+02 | -1 |
| LS-18.05 | S | 1 | F | C | 121 | 137.2 | -16.2 | -4.03E+02 | -1 |
| LS-18.06 | S | 1 | F | VT | 120 | 122.4 | -2.4 | -5.97E+01 | -1 |
| LS-18.07 | S | 1 | F | VT | 116 | 122.4 | -6.4 | -1.59E+02 | -1 |
| LS-18.08 | S | 1 | F | VT | 123 | 122.4 | 0.6 | 1.49E+01 | -1 |
| LS-18.09 | S | 1 | F | VT | 120 | 122.4 | -2.4 | -5.97E+01 | -1 |
| LS-18.10 | S | 1 | F | VT | 114 | 122.4 | -8.4 | -2.09E+02 | -1 |
| LS-18.11 | S | 1 | F | VT | 122 | 122.4 | -0.4 | -9.95E+00 | -1 |
| LS-18.12 | S | 1 | F | VT | 135 | 122.4 | 12.6 | 3.13E+02 | -1 |
| LS-18.13 | S | 1 | F | VT | 108 | 122.4 | -14.4 | -3.58E+02 | -1 |
| LS-18.14 | S | 1 | F | C | 183 | 137.2 | 45.8 | 1.14E+03 | -1 |
| LS-18.15 | S | 1 | F | C | 132 | 137.2 | -5.2 | -1.29E+02 | -1 |
| LS-18.16 | S | 1 | F | C | 110 | 137.2 | -27.2 | -6.77E+02 | -1 |
| LS-18.17 | S | 1 | F | VT | 121 | 122.4 | -1.4 | -3.48E+01 | -1 |
| LS-18.18 | S | 1 | F | VT | 131 | 122.4 | 8.6 | 2.14E+02 | -1 |
| LS-18.19 | S | 2a | F | C | 110 | 137.2 | -27.2 | -7.31E+02 | -1 |
| LS-18.20 | S | 1 | F | C | 148 | 137.2 | 10.8 | 2.69E+02 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Lower Walls | 1, 2A | (See Survey Worksheet Packages Attached) | |

| Mean | -8.73E+01 |
|---------------------------------|-----------|
| Median | -9.45E+01 |
| Range | 1.87E+03 |
| Std Dev (1 σ) | 4.23E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

NOTES:

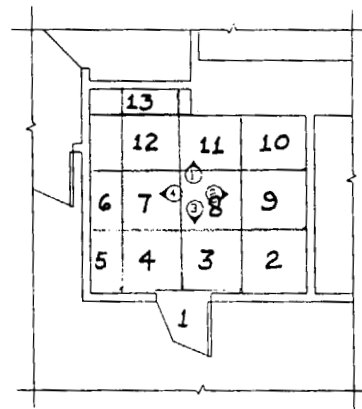
- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = lower wall (< 2m)
- Surface Materials: VT = Vinyl Tile C = Concrete
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLW, Sign = +1, Otherwise -1.

| | | | |
|----|----|----|----|
| 23 | 25 | 27 | 29 |
| 24 | 26 | 28 | |

① ELEVATION

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|----|----|
| | |
| 20 | 21 |
| 22 | |

④ ELEVATION



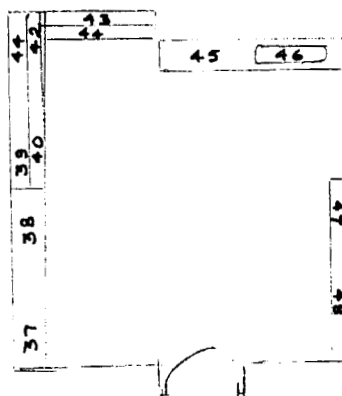
ROOM 839

| | |
|----|----|
| | 30 |
| | 31 |
| 32 | 33 |
| 34 | |

② ELEVATION

| | | | |
|----|----|----|----|
| 36 | 37 | 38 | 39 |
| 40 | 41 | 42 | 43 |

③ ELEVATION



ROOM 839

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 839

☒ Floor Monitor [] Meter 1
[] Meter 2 Det. 1 [] Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor [] Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|---------|----------|------------------------------|--------|----------|----------|--------|----------|
| 1 | 451 | 7.13.04 | AC | .015 | 7.8.04 | AC | 53 | 7.8.04 | AC |
| 2 | 438 | | | .015 | | | 54 | | |
| 3 | 466 | | | .01 | | | 55 | | |
| 4 | 458 | | | .015 | | | 56 | | |
| 5 | 177 | | | Not Accessible | | | 57 | | |
| 6 | 168 | | | Not Accessible | | | 58 | | |
| 7 | 471 | | | .015 | | | 59 | | |
| 8 | 499 | | | .01 | | | 60 | | |
| 9 | 463 | | | .02 | | | 61 | | |
| 10 | 160 | | | Not Accessible | | | 62 | | |
| 11 | 454 | ✓ | ✓ | .01 | | | 63 | | |
| 12 | 425 | ✓ | ✓ | .015 | | | 64 | ✓ | ✓ |
| 13 | 163 | 7.8.04 | AC | .01 | ✓ | ✓ | 65 | ✓ | ✓ |
| | | | | | | | | | |
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| | | | | | | | | | |

wh: 1

ext: 1

ext: 1

walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 839

☐ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|--------|----------|------------------------------|------|----------|----------|--------|----------|
| 14 | 144 | 7.8.04 | AC | | | | 66 | 7.8.04 | AC |
| 15 | 153 | | | | | | 67 | | |
| 16 | 157 | | | | | | 68 | | |
| 17 | 176 | | | | | | 69 | | |
| 18 | 172 | | | | | | 70 | | |
| 19 | 169 | | | | | | 71 | | |
| 20 | 157 | | | | | | 72 | | |
| 21 | 163 | | | | | | 73 | | |
| 22 | 156 | | | | | | 74 | | |
| 23 | 178 | | | | | | 75 | | |
| 24 | 164 | | | | | | 76 | | |
| 25 | 182 | | | | | | 77 | | |
| 26 | 173 | | | | | | 78 | | |
| 27 | 159 | | | | | | 79 | | |
| 28 | 161 | | | | | | 80 | | |
| 29 | 180 | | | | | | 81 | | |
| 30 | 188 | | | | | | 82 | | |
| 31 | 157 | | | | | | 83 | | |

walls

☐ **MSB**

839

[illegible]

surfaces

☐ **MSB**

Room 839

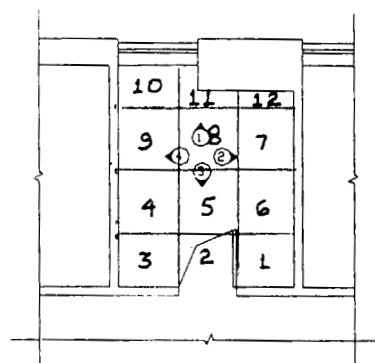
[illegible]

| | | |
|----|----|----|
| | 26 | 28 |
| 23 | 27 | 29 |

① ELEVATION

| | |
|----|----|
| 21 | 22 |
| 19 | 20 |
| 18 | |
| 16 | |

④ ELEVATION



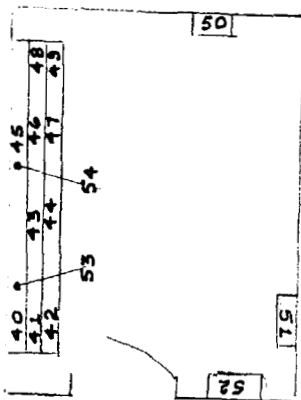
ROOM 841

| | |
|----|----|
| 23 | 32 |
| 25 | 33 |
| 35 | 34 |
| 37 | 36 |

② ELEVATION

| | | |
|----|----|----|
| 39 | 44 | 68 |
| 57 | 57 | 58 |

③ ELEVATION



ROOM 841

Survey Worksheet

Building: ~~5~~ Lakeside Hospital

☐ **MSB**

Room 841

[illegible]

walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 841

☒ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| 13 | 115 | 7/8/04 | SH | | | | 13 | 7/8/04 | SH |
| 14 | 100 | | | | | | 14 | | |
| 15 | 120 | | | | | | 15 | | |
| 16 | 95 | | | | | | 16 | | |
| 17 | 110 | | | | | | 17 | | |
| 18 | 112 | | | | | | 18 | | |
| 19 | 99 | | | | | | 19 | | |
| 20 | 85 | | | | | | 20 | | |
| 21 | 115 | | | | | | 21 | | |
| 22 | 112 | | | | | | 22 | | |
| 23 | 100 | | | | | | 23 | | |
| 24 | 119 | | | | | | 24 | | |
| 25 | 125 | | | | | | 25 | | |
| 26 | 122 | | | | | | 26 | | |
| 27 | 110 | | | | | | 27 | | |
| 28 | 117 | | | | | | 28 | | |
| 29 | 115 | | | | | | 29 | | |
| 30 | 102 | | | | | | 30 | | |

walls

☐ **MSB**

Room 841

[illegible]

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 841

☐ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| 40 | 120 | 7/8/04 | SM | | | | 40 | 7/8/04 | SM |
| 41 | 107 | | | | | | 41 | | |
| 42 | 119 | | | | | | 42 | | |
| 43 | 109 | | | | | | 43 | | |
| 44 | 112 | | | | | | 44 | | |
| 45 | 95 | | | | | | 45 | | |
| 46 | 88 | | | | | | 46 | | |
| 47 | 110 | | | | | | 47 | | |
| 48 | 106 | | | | | | 48 | | |
| 49 | 115 | | | | | | 49 | | |
| 50 | 118 | | | | | | 50 | | |
| 51 | 119 | | | | | | 51 | | |
| 52 | 140 | ▽ | ▽ | | | | 52 | ▽ | ▽ |
| 53 | | | | | | | Sw26 | 7.8.04 | AC |
| 54 | | | | | | | Sw26 | 7.8.04 | AC |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

ACS
↓

Surfaces

| | | | | | | | |
|----|----|----|--|----|----|----|----|
| | | | | 51 | 53 | 55 | 57 |
| | 49 | 50 | | 52 | 54 | 56 | 58 |
| 48 | | | | | | | |

| | |
|----|----|
| 46 | 47 |
| 44 | 45 |
| 42 | 43 |
| 40 | 41 |

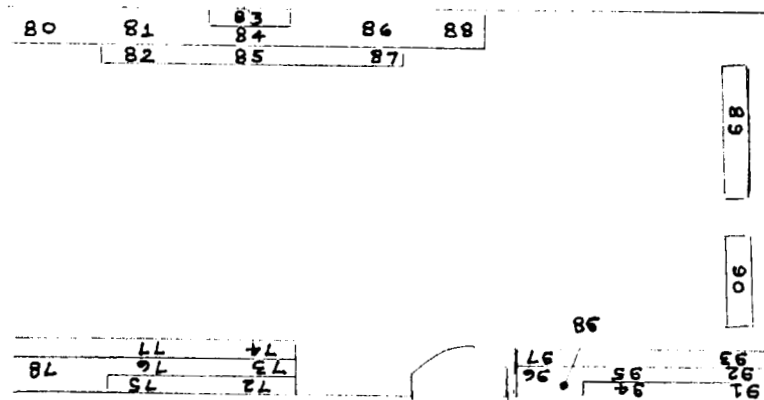
| | | | | | | | |
|----|----|----|----|----|----|----|----|
| 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

| | |
|----|----|
| 58 | 57 |
| 60 | 59 |
| 62 | 61 |
| 64 | 63 |

GRID STARTS HERE

| | | | | | | | | |
|----|--|--|----|----|----|----|----|----|
| | | | | 34 | 36 | 8 | | |
| | | | | 37 | 38 | 65 | 66 | 67 |
| 39 | | | 35 | 35 | 35 | 67 | | |

ROOM 842



ROOM 842

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 242

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|--------|----------|----------|--------|----------|
| 1 | 134 | 7.1.04 | AC | not accessible | | | 26 | 7/1/04 | NSM |
| 2 | 146 | 7.1.04 | AC | | | | 27 | | |
| 3 | 333 | 7/1/04 | YH | 0.01 | 7/1/04 | YH | 28 | | |
| 4 | 317 | | | 0.01 | | | 29 | | |
| 5 | 338 | | | 0.01 | | | 30 | | |
| 6 | 258 | | | 0.02 | | | 31 | | |
| 7 | 325 | | | 0.02 | | | 32 | | |
| 8 | 384 | | | 0.01 | | | 33 | | |
| 9 | 357 | | | 0.01 | | | 34 | | |
| 10 | 349 | | | 0.01 | | | 35 | | |
| 11 | 329 | | | 0.01 | | | 36 | | |
| 12 | 380 | | | 0.01 | | | 37 | | |
| 13 | 315 | | | 0.005 | | | 38 | | |
| 14 | 366 | | | 0.01 | | | 39 | | |
| 15 | 330 | YH | YH | 0.01 | | | 40 | | |
| 16 | 373 | YH | YH | 0.01 | | | 41 | | |
| 17 | 118 | 7.1.04 | AC | 0.01 | | | 42 | | |
| 18 | 334 | 7.1.04 | YH | 0.01 | | | 43 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 842

[illegible]

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 842

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input checked="" type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|--------|----------|------------------------------|------|----------|----------|--------|----------|
| 33 | 111 | 7.1.04 | AC | | | | 58 | 7/1/04 | NSM |
| 34 | 118 | | | | | | 59 | | |
| 35 | 138 | | | | | | 60 | | |
| 36 | 134 | | | | | | 61 | | |
| 37 | 127 | | | | | | 62 | | |
| 38 | 136 | | | | | | 63 | | |
| 39 | 142 | | | | | | 64 | | |
| 40 | 133 | | | | | | 65 | | |
| 41 | 128 | | | | | | 66 | | |
| 42 | 131 | | | | | | 67 | | |
| 43 | 144 | | | | | | 68 | | |
| 44 | 131 | | | | | | 69 | | |
| 45 | 126 | | | | | | 70 | | |
| 46 | 137 | | | | | | 71 | | |
| 47 | 118 | | | | | | 72 | | |
| 48 | 140 | | | | | | 73 | | |
| 49 | 153 | | | | | | 74 | | |
| 50 | 146 | | | | | | 75 | | |

Survey Worksheet

Walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 842

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input checked="" type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|--------|----------|------------------------------|------|----------|----------|---------|----------|
| 51 | 138 | 7.1.04 | AC | 1 | | | 76 | 7/11/04 | NSH |
| 52 | 125 | | | | | | 77 | | |
| 53 | 131 | | | | | | 78 | | |
| 54 | 140 | | | | | | 79 | | |
| 55 | 146 | | | | | | 80 | | |
| 56 | 127 | | | | | | 81 | | |
| 57 | 141 | | | | | | 82 | | |
| 58 | 138 | | | | | | 83 | | |
| 59 | 140 | | | | | | 84 | | |
| 60 | 144 | | | | | | 85 | | |
| 61 | 101 | 7.1.04 | SM | | | | 86 | | |
| 62 | 95 | | | | | | 87 | | |
| 63 | 130 | | | | | | 88 | | |
| 64 | 135 | | | | | | 89 | | |
| 65 | 130 | | | | | | 90 | | |
| 66 | 137 | | | | | | 91 | | |
| 67 | 140 | | | | | | 92 | | |
| 68 | 135 | | | | | | 93 | | |

Surfaces

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 842

| <input type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input checked="" type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 69 | 108 | 7/1/04 | SM | | | | 94 | 7/1/04 | NSM |
| 70 | 101 | | | | | | 95 | | |
| 71 | 112 | | | | | | 96 | | |
| 72 | 135 | | | | | | 97 | | |
| 73 | 105 | | | | | | 98 | | |
| 74 | 95 | | | | | | 99 | | |
| 75 | 140 | | | | | | 100 | | |
| 76 | 116 | | | | | | 101 | | |
| 77 | 122 | | | | | | 2 | | |
| 78 | 110 | | | | | | 3 | | |
| 79 | 119 | | | | | | 4 | | |
| 80 | 135 | | | | | | 5 | | |
| 81 | 117 | | | | | | 6 | | |
| 82 | 110 | | | | | | 7 | | |
| 83 | 143 | | | | | | 8 | | |
| 84 | 125 | | | | | | 9 | | |
| 85 | 115 | | | | | | 10 | | |
| 86 | 102 | | | | | | 11 | | |

Surfaces

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 842

| | |
|--|---|
| <input type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input checked="" type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| 87 | 125 | 7/1/04 | SH | | | | 12 | 7/1/04 | NSH |
| 88 | 110 | | | | | | 13 | | |
| 89 | 135 | | | | | | 14 | | |
| 90 | 112 | | | | | | 15 | | |
| 91 | 127 | | | | | | 16 | | |
| 92 | 125 | | | | | | 17 | | |
| 93 | 117 | | | | | | 18 | | |
| 94 | 127 | | | | | | 19 | | |
| 95 | 140 | | | | | | 20 | | |
| 96 | 117 | | | | | | 21 | | |
| 97 | 125 | | | | | | 22 | | |
| 98 | | | | | | | Swab | | |
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VAC

| | | | | | | | | |
|--|----|----|----|----|----|----|----|----|
| | 60 | 63 | 64 | 68 | 69 | 28 | 29 | 35 |
| | 61 | 62 | 65 | 66 | 67 | 70 | 27 | 30 |

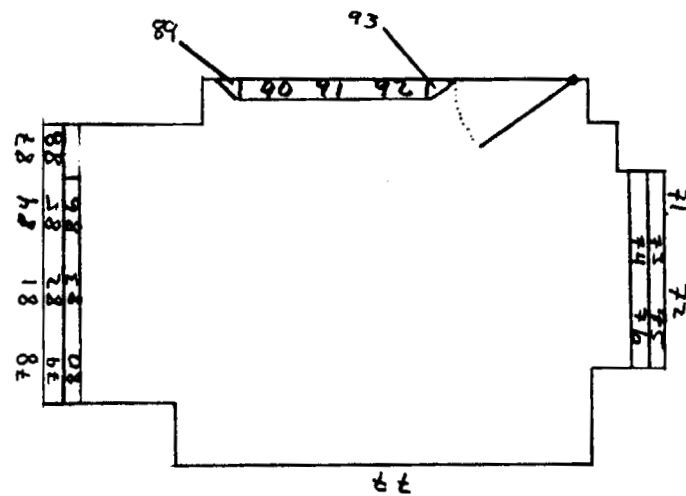
| | |
|----|----|
| 62 | 63 |
| 58 | 59 |
| 56 | 57 |
| | |
| 55 | |
| 49 | 50 |

| | | | | | | |
|---|----|----|----|----|----|----|
| 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | 20 | 19 | 18 | 17 | 16 | 15 |
| | 21 | 22 | 23 | 24 | 25 | 26 |

| | |
|----|----|
| 29 | 32 |
| 30 | 31 |
| | 36 |
| | 37 |
| 40 | 39 |

| | | | | | | | |
|----|----|----|----|----|----|----|----|
| h5 | 25 | 8h | 9h | 5h | 2h | 1h | |
| ε5 | 15 | | ±h | hh | εh | | 8ε |

845



845
Surfaces

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 845

| | |
|---|---|
| <input checked="" type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------------|----------|------------------------------|---------|----------|----------|----------|----------|
| 1 | 344 | 6/29/04 | NSM | 0.01 | 6/29/04 | YSL | 13 | 06/29/04 | NB |
| 2 | 422 | | | 0.01 | | | 14 | | |
| 3 | 395 | | | 0.01 | | | 15 | | |
| 4 | 382 | | | 0.005 | | | 16 | | |
| 5 | 320 | | | 0.005 | | | 17 | | |
| 6 | 389 | | | 0.01 | | | 18 | | |
| 7 | 117 | ACCESSIBLE AC | | not accessible | | | 19 | | |
| 8 | 104 | ACCESSIBLE AC | | | | | 20 | | |
| 9 | 315 | | | 0.01 | 6/29/04 | YSL | 21 | | |
| 10 | 344 | | | 0.005 | | | 22 | | |
| 11 | 324 | | | 0.01 | | | 23 | | |
| 12 | 431 | | | 0.01 | | | 24 | | |
| 13 | 342 | | | 0.01 | | | 25 | | |
| 14 | 365 | | | 0.01 | | | 26 | | |
| 15 | 389 | | | 0.005 | | | 27 | | |
| 16 | 405 | | | 0.01 | | | 28 | | |
| 17 | 448 | | | 0.01 | | | 29 | | |
| 18 | 379 | | | 0.01 | | | 30 | | |

det: -
meter: -

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 845

[illegible]

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital☐ MSBRoom 845

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|---------|----------|------------------------------|------|----------|----------|----------|----------|
| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 27 | 169 | 6.29.04 | AC | | | | 39 | 06/29/04 | ALB |
| 28 | 172 | | | | | | 40 | | |
| 29 | 164 | | | | | | 41 | | |
| 30 | 191 | | | | | | 42 | | |
| 31 | 138 | | | | | | 43 | | |
| 32 | 141 | | | | | | 44 | | |
| 33 | 143 | | | | | | 45 | | |
| 34 | 137 | | | | | | 46 | | |
| 35 | 149 | | | | | | 47 | | |
| 36 | 164 | | | | | | 48 | | |
| 37 | 127 | | | | | | 49 | | |
| 38 | 145 | | | | | | 50 | | |
| 39 | 138 | | | | | | 51 | | |
| 40 | 163 | | | | | | 52 | | |
| 41 | 153 | | | | | | 53 | | |
| 42 | 139 | | | | | | 54 | | |
| 43 | 156 | | | | | | 55 | | |
| 44 | 128 | | | | | | 56 | | |

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 845

| <input type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input checked="" type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|----------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 45 | 152 | 6/29/04 | SH | | | | 57 | 06/29/04 | NB |
| 46 | 165 | | | | | | 58 | | |
| 47 | 155 | | | | | | 59 | | |
| 48 | 149 | | | | | | 60 | | |
| 49 | 125 | | | | | | 61 | | |
| 50 | 130 | | | | | | 62 | | |
| 51 | 135 | | | | | | 63 | | |
| 52 | 115 | | | | | | 64 | | |
| 53 | 109 | | | | | | 65 | | |
| 54 | 132 | | | | | | 66 | | |
| 55 | 112 | | | | | | 67 | | |
| 56 | 99 | | | | | | 68 | | |
| 57 | 130 | | | | | | 69 | | |
| 58 | 142 | | | | | | 70 | | |
| 59 | 122 | | | | | | 71 | | |
| 60 | 135 | | | | | | 72 | | |
| 61 | 128 | | | | | | 73 | | |
| 62 | 138 | | | | | | 74 | | |

WALLS

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 845

[illegible]

Surfaces

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 845

| <input type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|--|--|---------|----------|------------------------|------|----------|----------|----------|----------|
| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 71 | 125 | 6.29.04 | Ar | | | | 83 | 06/29/04 | NB |
| 72 | 129 | | | | | | 84 | | |
| 73 | 160 | | | | | | 85 | | |
| 74 | 117 | | | | | | 86 | | |
| 75 | 148 | | | | | | 87 | | |
| 76 | 131 | | | | | | 88 | | |
| 77 | 153 | | | | | | 89 | | |
| 78 | 110 | | | | | | 90 | | |
| 79 | 117 | | | | | | 91 | | |
| 80 | 123 | | | | | | 92 | | |
| 81 | 106 | | | | | | 93 | | |
| 82 | 110 | | | | | | 94 | | |
| 83 | 121 | | | | | | 95 | | |
| 84 | 112 | | | | | | 96 | | |
| 85 | 116 | | | | | | 97 | | |
| 86 | 108 | | | | | | 98 | | |
| 87 | 132 | | | | | | 99 | | |
| 88 | 101 | | | | | | 100 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 845

[illegible]

| | | | | | |
|----|----|----|----|----|----|
| 40 | | 45 | 47 | | |
| 41 | 44 | 46 | 48 | 49 | 50 |

| | |
|----|----|
| 30 | 31 |
| 34 | 35 |
| 36 | 37 |
| 38 | 39 |
| 42 | 43 |

| | | | | | |
|----|----|----|----|----|----|
| 23 | 22 | 21 | 20 | 19 | 18 |
| 12 | 13 | 14 | 15 | 16 | 17 |
| 11 | 10 | 9 | 8 | 7 | 6 |
| 1 | 2 | 3 | 4 | 5 | |

| | |
|----|----|
| 25 | 15 |
| 45 | 53 |
| 95 | 55 |
| 09 | 65 |

| | | | | | |
|----|----|----|----|----|----|
| 28 | 27 | 25 | 69 | 29 | 85 |
| 28 | 92 | 42 | 59 | 19 | 25 |

848

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 848

| | |
|---|---|
| <input checked="" type="checkbox"/> Floor Monitor | <input type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|---------|----------|----------|---------|----------|
| 1 | 389 | 6/29/04 | Nsm | 0.01 | 6/29/04 | YLL | 6 | 6/29/04 | AE |
| 2 | 365 | | | 0.01 | | | 7 | | |
| 3 | 395 | | | 0.01 | | | 8 | | |
| 4 | 406 | | | 0.01 | | | 9 | | |
| 5 | 371 | | | 0.01 | | | 10 | | |
| 6 | 367 | | | 0.01 | | | 11 | | |
| 7 | 378 | | | 0.01 | | | 12 | | |
| 8 | 410 | | | 0.01 | | | 13 | | |
| 9 | 401 | | | 0.01 | | | 14 | | |
| 10 | 401 | | | 0.01 | | | 15 | | |
| 11 | 345 | | | 0.015 | | | 16 | | |
| 12 | 383 | | | 0.005 | | | 17 | | |
| 13 | 328 | | | 0.005 | | | 18 | | |
| 14 | 363 | | | 0.01 | | | 19 | | |
| 15 | 381 | | | 0.005 | | | 20 | | |
| 16 | 411 | | | 0.005 | | | 21 | | |
| 17 | 385 | | | 0.001 | | | 22 | | |
| 18 | 352 | | | 0.00 | | | 23 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 848

[illegible]

Survey Worksheet

W9/15

Building:

☒ Lakeside Hospital

☐ MSB

Room

848

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 24 | 124 | 6/29/04 | AC | X | | | 29 | 6/29/04 | AC |
| 25 | 161 | | | | | | 30 | | |
| 26 | 128 | | | | | | 31 | | |
| 27 | 146 | | | | | | 32 | | |
| 28 | 135 | | | | | | 33 | | |
| 29 | 158 | | | | | | 34 | | |
| 30 | 126 | | | | | | 35 | | |
| 31 | 143 | | | | | | 36 | | |
| 32 | 125 | | | | | | 37 | | |
| 33 | 117 | | | | | | 38 | | |
| 34 | 135 | | | | | | 39 | | |
| 35 | 129 | | | | | | 40 | | |
| 36 | 127 | | | | | | 41 | | |
| 37 | 143 | | | | | | 42 | | |
| 38 | 124 | | | | | | 43 | | |
| 39 | 119 | | | | | | 44 | | |
| 40 | 126 | | | | | | 45 | | |
| 41 | 130 | | | | | | 46 | | |

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 848

| <input type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input checked="" type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 42 | 119 | 6/29/04 | SH | X | | | 47 | 6/29/04 | AC |
| 43 | 123 | | | | | | 48 | | |
| 44 | 142 | | | | | | 49 | | |
| 45 | 160 | | | | | | 50 | | |
| 46 | 150 | | | | | | 51 | | |
| 47 | 145 | | | | | | 52 | | |
| 48 | 150 | | | | | | 53 | | |
| 49 | 120 | | | | | | 54 | | |
| 50 | 120 | | | | | | 55 | | |
| 51 | 130 | | | | | | 56 | | |
| 52 | 113 | | | | | | 57 | | |
| 53 | 105 | | | | | | 58 | | |
| 54 | 109 | | | | | | 59 | | |
| 55 | 130 | | | | | | 60 | | |
| 56 | 115 | | | | | | 61 | | |
| 57 | 120 | | | | | | 62 | | |
| 58 | 120 | | | | | | 63 | | |
| 59 | 125 | | | | | | 64 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room B48

[illegible]

| | |
|----|----|
| 14 | 16 |
| 15 | 17 |

| | |
|----|----|
| 12 | 13 |
| 10 | 11 |
| 8 | 9 |

| | | |
|----|---|---|
| 28 | 4 | 5 |
| | 2 | 3 |
| | 1 | |

| | | | |
|----|----|----|----|
| 18 | 20 | 24 | 26 |
| 19 | 21 | 25 | 27 |

| | |
|----|----|
| 23 | 22 |
| 7 | 6 |

ROOM 850

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**Room 850[illegible]

Survey Worksheet

Walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 850

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|--------|----------|------------------------|------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 6 | 143 | 6/4/04 | NSH | X | | | 74 | 6/4/04 | NSH |
| 7 | 124 | | | | | | 75 | | |
| 8 | 367 | | | | | | 76 | | |
| 9 | 346 | | | | | | 77 | | |
| 10 | 404 | | | | | | 78 | | |
| 11 | 385 | | | | | | 79 | | |
| 12 | 321 | | | | | | 80 | | |
| 13 | 434 | | | | | | 81 | | |
| 14 | 402 | | | | | | 82 | | |
| 15 | 433 | | | | | | 83 | | |
| 16 | 363 | | | | | | 84 | | |
| 17 | 312 | | | | | | 85 | | |
| 18 | 378 | | | | | | 86 | | |
| 19 | 359 | | | | | | 87 | | |
| 20 | 454 | | | | | | 88 | | |
| 21 | 376 | | | | | | 89 | | |
| 22 | 392 | | | | | | 90 | | |
| 23 | 347 | | | | | | 91 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 860

☐ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| 24 | 357 | 6/4/04 | NSH | | | | 92 | 6/4/04 | NSH |
| 25 | 382 | ↓ | ↓ | | | | 93 | ↓ | ↓ |
| 26 | 375 | ↓ | ↓ | | | | 94 | ↓ | ↓ |
| 27 | 411 | ↓ | ↓ | | | | 95 | ↓ | ↓ |
| 28 | 385 | ↓ | ↓ | | | | 96 | ↓ | ↓ |
| Sink pipe | - | - | - | | | | Swab | ↓ | ↓ |
| | | | | | | | | | |
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surface

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

Survey Date: 21-Jul-04
Survey Unit #: LS-19
Building: Lakeside Hospital
Floor: 8
FSS Floor Classification: 2
SU DCGLW (dpm/100cm²): 6.94E+03
SU Description: Rooms 803, 809, 811, and 813.

| Instrument | Rateometer/Probe Models | Rateometer S/N | Probe S/N | Total Efficiency ¹ | Probe Active Area (cm ²) |
|------------|-------------------------|----------------|-----------|-------------------------------|--------------------------------------|
| 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-19.01 | S | 1 | CT | SST | 130 | 122 | 8 | 1.99E+02 | -1 |
| LS-19.02 | S | 1 | F | VT | 133 | 122.4 | 10.6 | 2.64E+02 | -1 |
| LS-19.03 | S | 1 | F | VT | 109 | 122.4 | -13.4 | -3.33E+02 | -1 |
| LS-19.04 | S | 1 | F | VT | 150 | 122.4 | 27.6 | 6.87E+02 | -1 |
| LS-19.05 | S | 1 | F | VT | 130 | 122.4 | 7.6 | 1.89E+02 | -1 |
| LS-19.06 | S | 1 | CT | SST | 101 | 122 | -21 | -5.22E+02 | -1 |
| LS-19.07 | S | 1 | F | VT | 103 | 122.4 | -19.4 | -4.83E+02 | -1 |
| LS-19.08 | S | 1 | F | VT | 136 | 122.4 | 13.6 | 3.38E+02 | -1 |
| LS-19.09 | S | 1 | CT | SST | 85 | 122 | -37 | -9.20E+02 | -1 |
| LS-19.10 | S | 1 | F | VT | 120 | 122.4 | -2.4 | -5.97E+01 | -1 |
| LS-19.11 | S | 1 | F | VT | 119 | 122.4 | -3.4 | -8.46E+01 | -1 |
| LS-19.12 | S | 1 | F | VT | 126 | 122.4 | 3.6 | 8.96E+01 | -1 |
| LS-19.13 | S | 1 | F | VT | 108 | 122.4 | -14.4 | -3.58E+02 | -1 |
| LS-19.14 | S | 1 | F | VT | 133 | 122.4 | 10.6 | 2.64E+02 | -1 |
| LS-19.15 | S | 1 | S | SST | 158 | 122 | 36 | 8.96E+02 | -1 |
| LS-19.16 | S | 1 | F | VT | 125 | 122.4 | 2.6 | 6.47E+01 | -1 |
| LS-19.17 | S | 1 | W | PL | 123 | 124.4 | -1.4 | -3.48E+01 | -1 |
| LS-19.18 | S | 1 | S | SST | 129 | 122 | 7 | 1.74E+02 | -1 |
| LS-19.19 | S | 1 | W | PL | 122 | 124.4 | -2.4 | -5.97E+01 | -1 |
| LS-19.20 | S | 1 | F | VT | 128 | 122.4 | 5.6 | 1.39E+02 | -1 |
| LS-19.21 | B | 1 | F | VT | 155 | 122.4 | 32.6 | 8.11E+02 | N/A |
| LS-19.22 | B | 1 | F | VT | 134 | 122.4 | 11.6 | 2.89E+02 | N/A |
| LS-19.23 | B | 1 | CT | SST | 122 | 122 | 0 | 0.00E+00 | N/A |
| LS-19.24 | B | 1 | CT | SST | 162 | 122 | 40 | 9.95E+02 | N/A |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Lower Walls | 1, 2A | (See Survey Worksheet Packages Attached) | |

NOTES:

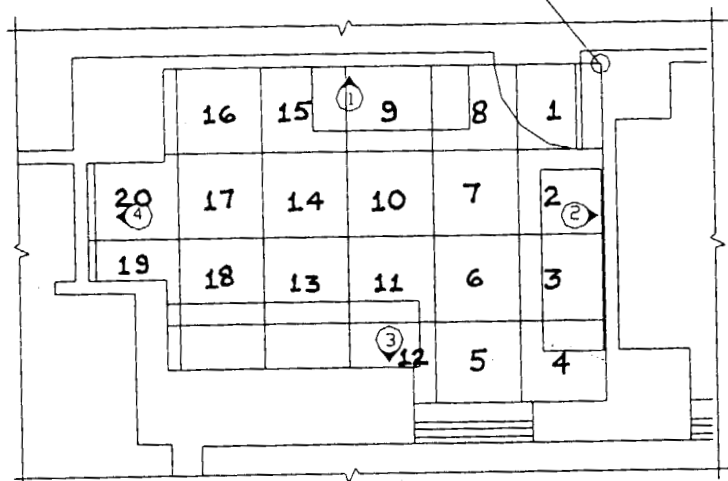
- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = lower wall (< 2m) S = sink CT = countertop
- Surface Materials: VT = Vinyl Tile SST = Synthetic Stone Countertop PL = Plaster
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLW, Sign = +1, Otherwise -1.

| Mean | -8.29E-01 |
|---------------------------------|-----------|
| Median | 1.49E+01 |
| Range | 1.82E+03 |
| Std Dev (1 σ) | 4.31E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

| | | | | | |
|----|----|----|----|----|----|
| 46 | 48 | 52 | 54 | 55 | 21 |
| 47 | 49 | 53 | | 56 | 22 |

① ELEVATION

START GRID HERE



| | |
|----|----|
| 24 | 23 |
| 26 | 25 |
| 28 | 27 |
| 30 | 29 |

② ELEVATION

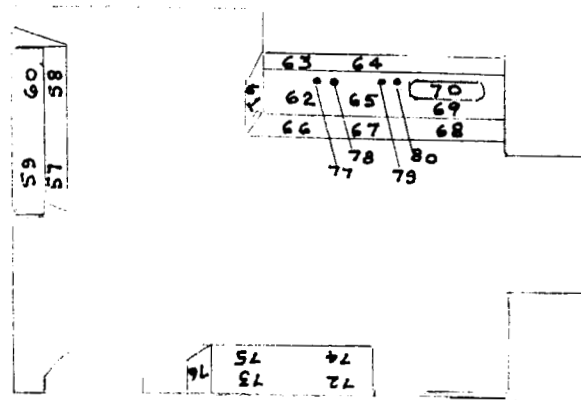
| | |
|----|----|
| 50 | 51 |
| 44 | 45 |
| 42 | 43 |
| 40 | 41 |
| 34 | 39 |
| 35 | |

④ ELEVATION

ROOM 803

| | |
|----|----|
| 32 | 33 |
| 31 | 36 |
| 37 | 38 |

③ ELEVATION



ROOM 803

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 803

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|---------|----------|------------------------|---------|----------|----------|---------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 1 | 426 | 6/10/04 | NSM | 0.015 | 6/10/04 | NSM | 37 | 6/10/04 | NSM |
| 2 | 387 | | | 0.015 | | | 38 | | |
| 3 | 401 | | | 0.015 | | | 39 | | |
| 4 | 484 | | | 0.015 | | | 40 | | |
| 5 | 456 | | | 0.015 | | | 41 | | |
| 6 | 447 | | | 0.015 | | | 42 | | |
| 7 | 443 | | | 0.015 | | | 43 | | |
| 8 | 471 | | | 0.015 | | | 44 | | |
| 9 | 386 | | | 0.015 | | | 45 | | |
| 10 | 413 | | | 0.015 | | | 46 | | |
| 11 | 454 | | | 0.015 | | | 47 | | |
| 12 | 389 | | | 0.015 | | | 48 | | |
| 13 | 399 | | | 0.015 | | | 49 | | |
| 14 | 495 | | | 0.015 | | | 50 | | |
| 15 | 5700 | | | 0.02 | | | 51 | | |
| 16 | 484 | | | 0.02 | | | 52 | | |
| 17 | 428 | | | 0.015 | | | 53 | | |
| 18 | 436 | | | 0.02 | | | 54 | | |
| 19 | 527 | | | 0.02 | | | 55 | | |
| 20 | 442 | | | 0.02 | | | 56 | | |

W21/5

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 803

| <input type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 2 Det. 1 | | | | <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 2 | | | Meter 4 | | | |
|---|---|---------|----------|--|------|----------|----------|---------|----------|--|
| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 21 | 153 | 6.10.04 | Ac | <div style="font-size: 4em;">X</div> | | | 57 | 6/10/04 | Nsn | |
| 22 | 132 | | | | | | | 58 | | |
| 23 | 168 | | | | | | | 59 | | |
| 24 | 174 | | | | | | | 60 | | |
| 25 | 140 | | | | | | | 61 | | |
| 26 | 124 | | | | | | | 62 | | |
| 27 | 119 | | | | | | | 63 | | |
| 28 | 128 | | | | | | | 64 | | |
| 29 | 142 | | | | | | | 65 | | |
| 30 | 178 | | | | | | | 66 | | |
| 31 | 153 | | | | | | | 67 | | |
| 32 | 195 | | | | | | | 68 | | |
| 33 | 132 | | | | | | | 69 | | |
| 34 | 156 | | | | | | | 70 | | |
| 35 | 143 | | | | | | | 71 | | |
| 36 | 142 | | | | | | | 72 | | |
| 37 | 135 | | | | | | | 73 | | |
| 38 | 129 | | | | | | | 74 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 803

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|---|--|---------|----------|---|------|----------|----------|---------|----------|--|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 39 | 171 | 6.10.04 | AC | <div style="font-size: 4em; transform: rotate(45deg); display: inline-block;">X</div> | | | 75 | 6/10/04 | NSM | |
| 40 | 163 | | | | | | | 76 | | |
| 41 | 146 | | | | | | | 77 | | |
| 42 | 176 | | | | | | | 78 | | |
| 43 | 162 | | | | | | | 79 | | |
| 44 | 186 | | | | | | | 80 | | |
| 45 | 214 | | | | | | | 81 | | |
| 46 | 158 | | | | | | | 82 | | |
| 47 | 176 | | | | | | | 83 | | |
| 48 | 172 | | | | | | | 84 | | |
| 49 | 155 | | | | | | | 85 | | |
| 50 | 156 | | | | | | | 86 | | |
| 51 | 140 | | | | | | | 87 | | |
| 52 | 165 | | | | | | | 88 | | |
| 53 | 131 | | | | | | | 89 | | |
| 54 | 152 | | | | | | | 90 | | |
| 55 | 135 | | | | | | | 91 | | |
| 56 | 129 | ↓ | ↓ | | | | 92 | ↓ | ↓ | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 803

Other

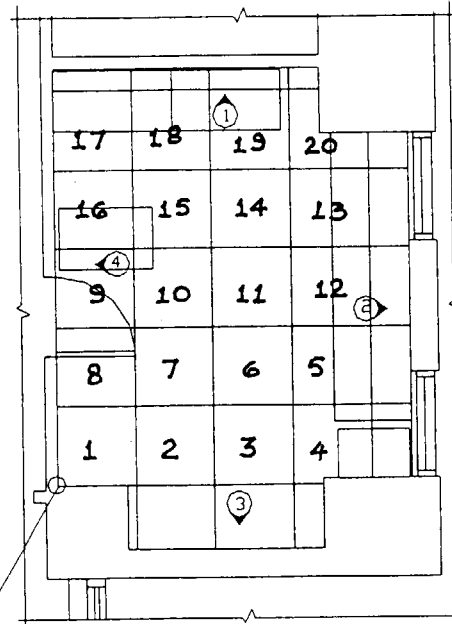
| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|---------|----------|---|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 57 | 153 | 6-10-04 | AC | <div style="font-size: 4em; transform: rotate(45deg); display: inline-block;">X</div> | | | 93 | 6/10/04 | NSM |
| 58 | 157 | | | | | | 94 | | |
| 59 | 114 | | | | | | 95 | | |
| 60 | 156 | | | | | | 96 | | |
| 61 | 113 | | | | | | 97 | | |
| 62 | 132 | | | | | | 98 | | |
| 63 | 156 | | | | | | 99 | | |
| 64 | 152 | | | | | | 100 | | |
| 65 | 144 | | | | | | 1 | | |
| 66 | 163 | | | | | | 2 | | |
| 67 | 149 | | | | | | 3 | | |
| 68 | 152 | | | | | | 4 | | |
| 69 | 158 | | | | | | 5 | | |
| 70 | 120 | | | | | | 6 | | |
| 71 | 132 | | | | | | 7 | | |
| 72 | 165 | | | | | | 8 | | |
| 73 | 157 | | | | | | 9 | | |
| 74 | 130 | | | | | | 10 | | |

| | | | | |
|----|----|----|--|----|
| 41 | 40 | 39 | | 35 |
| | | | | 34 |

① ELEVATION

| | | |
|----|----|----|
| | 42 | |
| | 43 | 44 |
| | 21 | 22 |
| | 24 | 23 |
| | 25 | 26 |
| 47 | | |

④ ELEVATION



ROOM 809

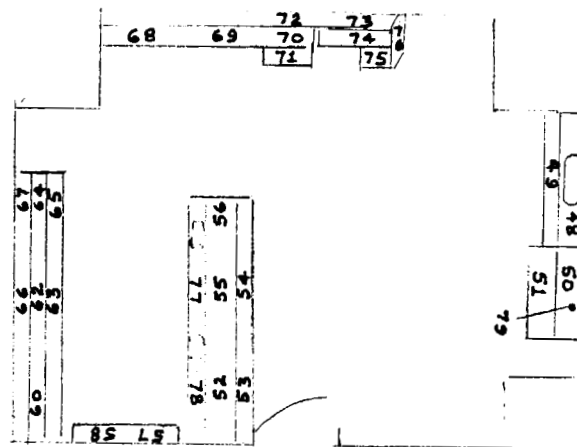
START GRID HERE

| | |
|----|----|
| 37 | 36 |
| 33 | |
| | 32 |
| | 30 |
| 29 | |
| | 45 |

② ELEVATION

| | | | |
|--|--|----|----|
| | | | 28 |
| | | 46 | 27 |

③ ELEVATION



ROOM 809

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 809

☒ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|---------|----------|------------------------------|---------|----------|----------|---------|----------|
| 1 | 416 | 7/21/04 | UHL | 0.01 | 7/21/04 | UHL | 98 | 7/21/04 | UHL |
| 2 | 430 | | | 0.01 | | | 99 | | |
| 3 | 446 | | | 0.01 | | | 100 | | |
| 4 | 461 | | | 0.02 | | | 1 | | |
| 5 | 433 | | | 0.0150 | | | 2 | | |
| 6 | 445 | | | 0.005 | | | 3 | | |
| 7 | 450 | | | 0.01 | | | 4 | | |
| 8 | 417 | | | 0.0250 | | | 5 | | |
| 9 | 465 | | | 0.0175 | | | 6 | | |
| 10 | 350 | | | 0.01 | | | 7 | | |
| 11 | 430 | | | 0.005 | | | 8 | | |
| 12 | 415 | | | 0.01 | | | 9 | | |
| 13 | 340 | | | 0.01 | | | 10 | | |
| 14 | 336 | | | 0.01 | | | 11 | | |
| 15 | 374 | | | 0.01 | | | 12 | | |
| 16 | 286 | | | 0.0150 | | | 13 | | |
| 17 | 386 | | | 0.01 | | | 14 | | |
| 18 | 392 | ✓ | ✓ | 0.02 | ✓ | ✓ | 15 | ✓ | ✓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 809

| | | |
|--|---|---------|
| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 2 | Meter 4 |
|--|---|---------|

[illegible]

Survey Worksheet

Walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 809

☐ Floor Monitor ☐ Meter 1
☒ Surface cpm ☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 21 | 111 | 7.21.04 | AC | | | | 18 | 7/21/04 | 8/2 |
| 22 | 119 | | | | | | 19 | | |
| 23 | 134 | | | | | | 20 | | |
| 24 | 105 | | | | | | 21 | | |
| 25 | 123 | | | | | | 22 | | |
| 26 | 132 | | | | | | 23 | | |
| 27 | 128 | | | | | | 24 | | |
| 28 | 143 | | | | | | 25 | | |
| 29 | 132 | | | | | | 26 | | |
| 30 | 135 | | | | | | 27 | | |
| 31 | 146 | | | | | | 28 | | |
| 32 | 127 | | | | | | 29 | | |
| 33 | 178 | | | | | | 30 | | |
| 34 | 122 | | | | | | 31 | | |
| 35 | 134 | | | | | | 32 | | |
| 36 | 114 | | | | | | 33 | | |
| 37 | 132 | | | | | | 34 | | |
| 38 | 108 | ✓ | ✓ | | | | 35 | ✓ | ✓ |

Walls

☐ **MSB**

Room 809

[illegible]

Survey Worksheet

Other
SURFACE

Building: ☒ Lakeside Hospital

☐ MSB

Room 809

☐ Floor Monitor ☐ Meter 1
☒ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 46 | 140 | 7/21/04 | SY | ↓ | | | 43 | 7/21/04 | SY |
| 47 | 132 | | | ↓ | | | 44 | | |
| 48 | 105 | | | ↓ | | | 45 | | |
| 49 | 115 | | | ↓ | | | 46 | | |
| 50 | 138 | | | ↓ | | | 47 | | |
| 51 | 115 | | | ↓ | | | 48 | | |
| 52 | 135 | | | ↓ | | | 49 | | |
| 53 | 110 | | | ↓ | | | 50 | | |
| 54 | 120 | | | ↓ | | | 51 | | |
| 55 | 125 | | | ↓ | | | 52 | | |
| 56 | 135 | | | ↓ | | | 53 | | |
| 57 | 120 | | | ↓ | | | 54 | | |
| 58 | 130 | | | ↓ | | | 55 | | |
| 59 | 105 | | | ↓ | | | 56 | | |
| 60 | 85 | 7/21/04 | SY | ↓ | | | 57 | | |
| 61 | 104 | | | ↓ | | | 58 | | |
| 62 | 105 | 7/21/04 | SY | ↓ | | | 59 | | |
| 63 | 112 | | | ↓ | | | 60 | | |

SURFACE + VAC

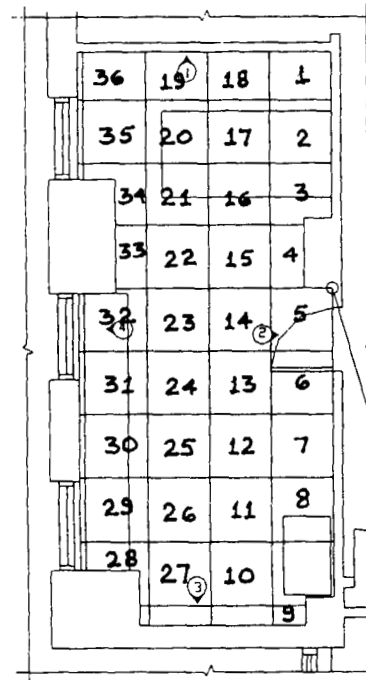
☐ **MSB**Room 809[illegible]

| | | | |
|----|----|----|----|
| 73 | 75 | 77 | 79 |
| 74 | 76 | 78 | 80 |

① ELEVATION

| | |
|----|----|
| 71 | 72 |
| 68 | 70 |
| 66 | 69 |
| 64 | 67 |
| 62 | |
| 61 | |
| 60 | |
| 59 | |
| 58 | |
| 56 | |

④ ELEVATION



ROOM 811

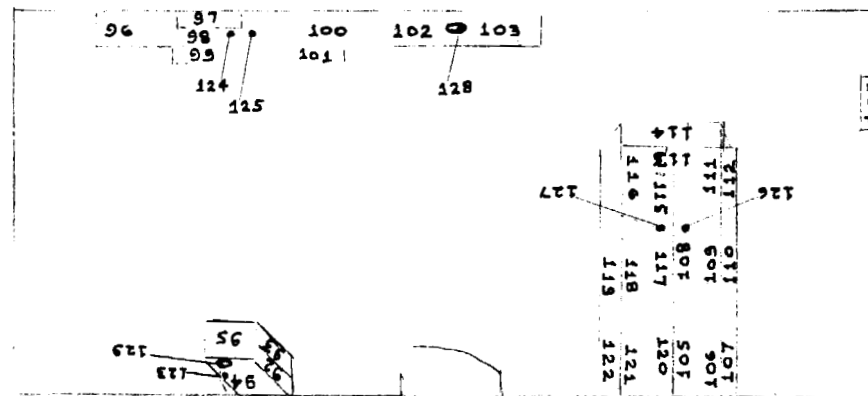
START GRID HERE

| | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|
| 81 | 83 | 84 | 88 | 89 | 91 | 38 | 39 | 41 | 43 | 45 |
| 82 | | 87 | 89 | 91 | 38 | 39 | 41 | 43 | 45 | 46 |

② ELEVATION

| | | | |
|----|----|----|----|
| 48 | 50 | 52 | 58 |
| 47 | 49 | 51 | 57 |

③ ELEVATION



ROOM 811

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 811

| <input checked="" type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|--|---|--------|----------|------------------------|--------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 1 | 370 | 7/2/04 | SH | 0.0200 | 7/2/04 | SH | 2 | 7/2/04 | SH |
| 2 | 360 | ↓ | ↓ | 0.0150 | | | 3 | | |
| 3 | 137 | 7.2.04 | AZ | 0.0200 | | | 4 | | |
| 4 | 370 | | SH | 0.0200 | | | 5 | | |
| 5 | 423 | | | 0.0200 | | | 6 | | |
| 6 | 360 | | | 0.0125 | | | 7 | | |
| 7 | 385 | | | 0.0100 | | | 8 | | |
| 8 | 410 | | | 0.0050 | | | 9 | | |
| 9 | 430 | | | 0.0200 | | | 10 | | |
| 10 | 440 | | | 0.0150 | | | 11 | | |
| 11 | 425 | | | 0.0125 | | | 12 | | |
| 12 | 485 | | | 0.0150 | | | 13 | | |
| 13 | 400 | | | 0.0150 | | | 14 | | |
| 14 | 380 | | | 0.0150 | | | 15 | | |
| 15 | 350 | | | 0.0050 | | | 16 | | |
| 16 | 912 | | | 0.0125 | | | 96 | | |
| 17 | 344 | | | 0.0175 | | | 17 | | |
| 18 | 340 | ↓ | ↓ | 0.0125 | ↓ | ↓ | 18 | ↓ | ↓ |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 811

| <input checked="" type="checkbox"/> Floor Monitor <input type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|--------|----------|------------------------|--------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 19 | 365 | 7/2/04 | SY | 0.0125 | 7/2/04 | SY | 19 | 7/2/04 | SY |
| 20 | 330 | | | 0.0150 | | | 20 | | |
| 21 | 340 | | | 0.0150 | | | 21 | | |
| 22 | 395 | | | 0.0125 | | | 22 | | |
| 23 | 340 | | | 0.0125 | | | 23 | | |
| 24 | 410 | | | 0.0050 | | | 24 | | |
| 25 | 415 | | | 0.0125 | | | 25 | | |
| 26 | 470 | | | 0.0075 | | | 26 | | |
| 27 | 470 | | | 0.0100 | | | 27 | | |
| 28 | 485 | | | 0.0200 | | | 28 | | |
| 29 | 415 | | | * | | | 29 | | |
| 30 | 402 | | | 0.0125 | | | 30 | | |
| 31 | 395 | | | * | | | 31 | | |
| 32 | 385 | | | * | | | 32 | | |
| 33 | 400 | | | 0.0125 | | | 33 | | |
| 34 | 380 | | | 0.0075 | | | 34 | | |
| 35 | 320 | | | 0.0250 | | | 35 | | |
| 36 | 350 | | | 0.0200 | | | 36 | | |

* NOT ACCESSIBLE

Survey Worksheet

walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 811

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|--------|----------|------------------------|------|----------|----------|--------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 37 | 113 | 7.2.04 | AC | | | | 37 | 7.2.04 | SI |
| 38 | 121 | | | | | | 38 | | |
| 39 | 157 | | | | | | 39 | | |
| 40 | 138 | | | | | | 40 | | |
| 41 | 166 | | | | | | 41 | | |
| 42 | 151 | | | | | | 42 | | |
| 43 | 138 | | | | | | 43 | | |
| 44 | 142 | | | | | | 44 | | |
| 45 | 134 | | | | | | 45 | | |
| 46 | 168 | | | | | | 46 | | |
| 47 | 150 | 7.2.04 | AC | | | | 47 | | |
| 48 | 146 | | | | | | 48 | | |
| 49 | 137 | | | | | | 49 | | |
| 50 | 141 | | | | | | 50 | | |
| 51 | 145 | | | | | | 51 | | |
| 52 | 166 | | | | | | 52 | | |
| 53 | 173 | | | | | | 53 | | |
| 54 | 157 | | | | | | 54 | | |

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 811

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input checked="" type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------|------|----------|----------|--------|----------|
| 55 | 152 | 7.2.04 | AC | X | | | 55 | 7.2.04 | SY |
| 56 | 163 | | | | | | 56 | | |
| 57 | 154 | | | | | | 57 | | |
| 58 | 171 | | | | | | 58 | | |
| 59 | 149 | | | | | | 59 | | |
| 60 | 157 | | | | | | 60 | | |
| 61 | 165 | | | | | | 61 | | |
| 62 | 148 | | | | | | 62 | | |
| 63 | 129 | | | | | | 63 | | |
| 64 | 136 | | | | | | 64 | | |
| 65 | 143 | | | | | | 65 | | |
| 66 | 152 | | | | | | 66 | | |
| 67 | 136 | | | | | | 67 | | |
| 68 | 139 | | | | | | 68 | | |
| 69 | 140 | | | | | | 69 | | |
| 70 | 170 | | | | | | 70 | | |
| 71 | 139 | | | | | | 71 | | |
| 72 | 155 | | | | | | 72 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 811

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|--------|----------|------------------------------|------|----------|----------|--------|----------|
| 73 | 122 | 7.2.04 | AC | X | | | 73 | 7.2.04 | 94 |
| 74 | 139 | | | | | | 74 | | |
| 75 | 118 | | | | | | 75 | | |
| 76 | 121 | | | | | | 76 | | |
| 77 | 116 | | | | | | 77 | | |
| 78 | 123 | | | | | | 78 | | |
| 79 | 136 | | | | | | 79 | | |
| 80 | 129 | | | | | | 80 | | |
| 81 | 158 | | | | | | 81 | | |
| 82 | 161 | | | | | | 82 | | |
| 83 | 163 | | | | | | 83 | | |
| 84 | 147 | | | | | | 84 | | |
| 85 | 148 | | | | | | 85 | | |
| 86 | 132 | | | | | | 86 | | |
| 87 | 117 | | | | | | 87 | | |
| 88 | 133 | | | | | | 88 | | |
| 89 | 129 | | | | | | 89 | | |
| 90 | 131 | | | | | | 90 | | |
| 91 | 143 | | | | | | 91 | | |

Survey Worksheet

Surfaces

Building: ☒ Lakeside Hospital

☐ MSB

Room 811

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|--------|----------|------------------------------|------|----------|---------------|--------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 92 | 131 | 7.2.04 | AC | | | | 92 | 7.2.04 | AC |
| 93 | 139 | | | | | | 93 | | |
| 94 | 128 | | | | | | 94 | | |
| 95 | 113 | | | | | | 95 | | |
| 96 | 137 | | | | | | 96 | | |
| 97 | 142 | | | | | | 97 | | |
| 98 | 158 | | | | | | 98 | | |
| 99 | 144 | | | | | | 99 | | |
| 100 | 137 | | | | | | 100 | | |
| 101 | 143 | | | | | | 28 | | |
| 102 | 142 | | | | | | 29 | | |
| 103 | 126 | | | | | | 30 | | |
| 104 | 128 | | | | | | 31 | | |
| 105 | 124 | | | | | | 32 | | |
| 106 | 118 | | | | | | 33 | | |
| 107 | 153 | | | | | | 34 | | |
| 108 | 130 | | | | | | 35 | | |
| 109 | 127 | | | | | | 36 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 811

☐ Floor Monitor
☐ Meter 2 Det. 1
☒ Meter 1
☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|--------|----------|------------------------|------|----------|----------|--------|----------|
| 110 | 134 | 7.2.04 | AC | | | | 37 | 7.2.04 | AC |
| 111 | 113 | | | | | | 38 | | |
| 112 | 108 | | | | | | 39 | | |
| 113 | 96 | | | | | | 40 | | |
| 114 | 120 | | | | | | 41 | | |
| 115 | 127 | | | | | | 42 | | |
| 116 | 133 | | | | | | 43 | | |
| 117 | 126 | | | | | | 44 | | |
| 118 | 138 | | | | | | 45 | | |
| 119 | 124 | | | | | | 46 | | |
| 120 | 136 | | | | | | 47 | | |
| 121 | 128 | | | | | | 48 | | |
| 122 | 117 | | | | | | 49 | | |
| 123 | X | | | | | | Swab | | |
| 124 | | | | | | | | | |
| 125 | | | | | | | | | |
| 126 | | | | | | | | | |
| 127 | | | | | | | | | |
| 128 | X | | | | | | | | |
| 129 | X | | | | | | | | |

VAC

C. Sink

| | | | |
|----|----|----|----|
| 55 | 54 | 53 | 52 |
| | | | |

① ELEVATION

| | | | | | | | |
|----|----|----|----|----|----|----|----|
| 69 | 67 | 65 | 63 | 61 | 59 | 57 | 55 |
| | 68 | 66 | 64 | 62 | 60 | | |

④ ELEVATION

A 10x10 grid for a 1000-point crossword puzzle. The grid contains numbers 1 through 31, indicating the starting positions of words. Some numbers are circled (1, 3, 4, 5). The grid is partially filled with numbers, and some cells are empty, suggesting a crossword puzzle layout.

ROOM 813

START GRID HERE

| | | | |
|----|----|----|----|
| 76 | 74 | 72 | 70 |
| 77 | 75 | 73 | 71 |

③ ELEVATION

[illegible]

② ELEVATION

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 8/3

☒ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|---------|----------|----------|---------|----------|
| 1 | 405 | 6.16.04 | AC | 0.015 | 6/16/04 | NSM | 35 | 6/16/04 | NSM |
| 2 | 396 | | | 0.015 | | | 36 | | |
| 3 | 414 | | | 0.02 | | | 37 | | |
| 4 | 436 | | | 0.02 | | | 38 | | |
| 5 | 374 | | | 0.025 | | | 39 | | |
| 6 | 145 | | | 0.015 | | | 40 | | |
| 7 | 162 | | | 0.015 | | | 41 | | |
| 8 | 392 | | | 0.02 | | | 42 | | |
| 9 | 388 | | | 0.02 | | | 43 | | |
| 10 | 409 | | | 0.02 | | | 44 | | |
| 11 | 125 | 6/22/04 | Ac | 0.02 | 6/22/04 | NSM | 66 | 6/22/04 | NSM |
| 12 | 174 | | | 0.02 | | | 67 | | |
| 13 | 377 | 6/16/04 | Ac | 0.02 | 6/16/04 | NSM | 45 | 6/16/04 | NSM |
| 14 | 346 | | | 0.015 | | | 46 | | |
| 15 | 121 | | | 0.02 | | | 47 | | |
| 16 | 394 | | | 0.02 | | | 48 | | |
| 17 | 402 | | | 0.015 | | | 49 | | |
| 18 | 119 | | | 0.015 | | | 50 | | |

meter:1 -

meter:1 -

meter:1 -

meter:1 -

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 8/3

☒ Floor Monitor ☐ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|---------|----------|----------|---------|----------|
| 19 | 167 | 6.16.04 | AC | 0.02 | 6/14/04 | NSM | 51 | 6/16/04 | NSM |
| 20 | 131 | ↓ | ↓ | 0.02 | ↓ | ↓ | 52 | ↓ | ↓ |
| 21 | 144 | ↓ | ↓ | 0.02 | ↓ | ↓ | 53 | ↓ | ↓ |
| 22 | 396 | 6.16.04 | AC | 0.02 | ↓ | ↓ | 54 | ↓ | ↓ |
| 23 | 412 | ↓ | ↓ | 0.02 | ↓ | ↓ | 55 | ↓ | ↓ |
| 24 | 367 | ↓ | ↓ | 0.02 | ↓ | ↓ | 56 | ↓ | ↓ |
| 25 | 382 | ↓ | ↓ | 0.015 | ↓ | ↓ | 57 | ↓ | ↓ |
| 26 | 349 | ↓ | ↓ | 0.015 | ↓ | ↓ | 58 | ↓ | ↓ |
| 27 | 338 | ↓ | ↓ | 0.015 | ↓ | ↓ | 59 | ↓ | ↓ |
| 28 | 142 | 6.16.04 | AC | 0.015 | ↓ | ↓ | 60 | ↓ | ↓ |
| 29 | 365 | 6.16.04 | AC | 0.015 | ↓ | ↓ | 61 | ↓ | ↓ |
| 30 | 388 | ↓ | ↓ | 0.015 | ↓ | ↓ | 62 | ↓ | ↓ |
| 31 | 140 | 6.16.04 | AC | 0.015 | ↓ | ↓ | 63 | ↓ | ↓ |
| 32 | 134 | ↓ | ↓ | 0.02 | ↓ | ↓ | 64 | ↓ | ↓ |
| 33 | 123 | ↓ | ↓ | 0.015 | ↓ | ↓ | 65 | ↓ | ↓ |
| 34 | 149 | ↓ | ↓ | 0.015 | ↓ | ↓ | 66 | ↓ | ↓ |
| 35 | 158 | ↓ | ↓ | 0.015 | ↓ | ↓ | 67 | ↓ | ↓ |
| 36 | 144 | ↓ | ↓ | 0.015 | ↓ | ↓ | 68 | ↓ | ↓ |

meter: 1

meter: 1

meter: 1

Survey Worksheet

walls

Building: ☒ Lakeside Hospital

☐ MSB

Room 813

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 37 | 131 | 6.16.04 | AC | X | | | 69 | 6/16/04 | NSH |
| 38 | 118 | ↓ | ↓ | | | | 70 | ↓ | ↓ |
| 39 | 123 | ↓ | ↓ | | | | 71 | ↓ | ↓ |
| 40 | 153 | ↓ | ↓ | | | | 72 | ↓ | ↓ |
| 41 | 158 | ↓ | ↓ | | | | 73 | ↓ | ↓ |
| 42 | 164 | ↓ | ↓ | | | | 74 | ↓ | ↓ |
| 43 | 154 | 6/22/04 | AC | | | | 68 | 6/22/04 | NSH |
| 44 | 178 | ↓ | ↓ | | | | 69 | ↓ | ↓ |
| 45 | 172 | ↓ | ↓ | | | | 70 | ↓ | ↓ |
| 46 | 165 | ↓ | ↓ | | | | 71 | ↓ | ↓ |
| 47 | 179 | 6.16.04 | AC | | | | 75 | 6/16/04 | NSH |
| 48 | 148 | ↓ | ↓ | | | | 76 | ↓ | ↓ |
| 49 | 122 | ↓ | ↓ | | | | 77 | ↓ | ↓ |
| 50 | 133 | ↓ | ↓ | | | | 78 | ↓ | ↓ |
| 51 | 147 | ↓ | ↓ | | | | 79 | ↓ | ↓ |
| 52 | 129 | ↓ | ↓ | | | | 80 | ↓ | ↓ |
| 53 | 131 | ↓ | ↓ | | | | 81 | ↓ | ↓ |
| 54 | 125 | ↓ | ↓ | | | | 82 | ↓ | ↓ |

walls

Survey Worksheet

Building:

☒ Lakeside Hospital

☐ MSB

Room

813

| | |
|---|---|
| <input type="checkbox"/> Floor Monitor | <input checked="" type="checkbox"/> Meter 1 |
| <input type="checkbox"/> Meter 2 Det. 1 | <input type="checkbox"/> Meter 2 Det. 2 |

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 55 | 147 | 6.16.04 | AC | X | | | 83 | 6/16/04 | NSH |
| 56 | 156 | | | | | | 84 | | |
| 57 | 184 | | | | | | 85 | | |
| 58 | 147 | | | | | | 86 | | |
| 59 | 122 | | | | | | 87 | | |
| 60 | 106 | | | | | | 88 | | |
| 61 | 131 | | | | | | 89 | | |
| 62 | 155 | | | | | | 90 | | |
| 63 | 152 | | | | | | 91 | | |
| 64 | 122 | | | | | | 92 | | |
| 65 | 142 | | | | | | 93 | | |
| 66 | 132 | | | | | | 94 | | |
| 67 | 157 | | | | | | 95 | | |
| 68 | 151 | | | | | | 96 | | |
| 69 | 135 | | | | | | 97 | | |
| 70 | 159 | | | | | | 98 | | |
| 71 | 140 | | | | | | 99 | | |
| 72 | 121 | | | | | | 100 | | |

Survey Worksheet

walls

Building: ☒ Lakeside Hospital

☐ **MSB**

Room 8/3

[illegible]

Survey Worksheet

surface

Building: ☒ Lakeside Hospital

☐ MSB

Room 813

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | | |
|---|---|---------|----------|------------------------|------|----------|----------|---------|----------|--|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials | |
| 84 | 160 | 6.16.04 | Ac | X | | | 12 | 6/16/04 | NSM | |
| 85 | 172 | | | | | | | 13 | | |
| 86 | 154 | | | | | | | 14 | | |
| 87 | 139 | | | | | | | 15 | | |
| 88 | 113 | | | | | | | 16 | | |
| 89 | 140 | | | | | | | 17 | | |
| 90 | 155 | | | | | | | 18 | | |
| 91 | 132 | | | | | | | 19 | | |
| 92 | 128 | | | | | | | 20 | | |
| 93 | 163 | | | | | | | 21 | | |
| 94 | 158 | | | | | | | 22 | | |
| 95 | 139 | | | | | | | 23 | | |
| 96 | 131 | | | | | | | 24 | | |
| 97 | 146 | | | | | | | 25 | | |
| 98 | 132 | | | | | | | 26 | | |
| 99 | 127 | | | | | | | 27 | | |
| 100 | 129 | | | | | | 28 | | | |
| 101 | 148 | ✓ | ✓ | | | | 29 | ↓ | ↓ | |

Survey Worksheet

Surface

Building: ☒ Lakeside Hospital

☐ MSB

Room 813

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 102 | 113 | 6.16.04 | AC | X | | | 30 | 6/16/04 | NSM |
| 103 | 127 | | | | | | 31 | | |
| 104 | 119 | | | | | | 32 | | |
| 105 | 124 | | | | | | 33 | | |
| 106 | 164 | | | | | | 34 | | |
| 107 | 159 | | | | | | 35 | | |
| 108 | 124 | | | | | | 36 | | |
| 109 | 132 | | | | | | 37 | | |
| 110 | 119 | | | | | | 38 | | |
| 111 | 120 | | | | | | 39 | | |
| 112 | 126 | | | | | | 40 | | |
| 113 | 132 | | | | | | 41 | | |
| 114 | 131 | | | | | | 42 | | |
| 115 | 118 | | | | | | 43 | | |
| 116 | 142 | | | | | | 44 | | |
| 117 | 118 | | | | | | 45 | | |
| 118 | 95 | | | | | | 46 | | |
| 119 | 112 | | | | | | 47 | | |

Surface

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 8/3

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|---------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface <small>cpm</small> | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 120 | 104 | 6.16.04 | AC | X | | | 48 | 6/16/04 | NSM |
| 121 | 147 | | | | | | 49 | | |
| 122 | 138 | | | | | | 50 | | |
| 123 | 142 | | | | | | 51 | | |
| 124 | 114 | | | | | | 52 | | |
| 125 | 501 | | | | | | 53 | | |
| 126 | 129 | | | | | | 54 | | |
| 127 | 159 | | | | | | 55 | | |
| 128 | 117 | | | | | | 56 | | |
| 129 | 142 | | | | | | 57 | | |
| 130 | 118 | | | | | | 58 | | |
| 131 | 91 | | | | | | 59 | | |
| 132 | 142 | | | | | | 60 | | |
| 133 | 116 | | | | | | 61 | | |
| 134 | 124 | | | | | | 62 | | |
| 135 | 133 | | | | | | 63 | | |
| 136 | 141 | | | | | | 64 | | |
| 137 | 135 | | | | | 65 | | | |

Surface

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 813

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 138 | 129 | 6.16.04 | AC | X | | | 66 | 6/16/04 | NSH |
| 139 | 142 | | | | | | 67 | | |
| 140 | 119 | | | | | | 68 | | |
| 141 | 96 | | | | | | 69 | | |
| 142 | 124 | | | | | | 70 | | |
| 143 | 119 | | | | | | 71 | | |
| 144 | 99 | | | | | | 72 | | |
| 145 | 110 | | | | | | 73 | | |
| 146 | 126 | | | | | | 74 | | |
| 147 | 114 | | | | | | 75 | | |
| 148 | 8040 | 6.16.04 | AC | | | | 76 | | |
| 149 | 94 | 6.18.04 | AC | | | | 77 | | |
| 150 | 102 | | | | | | 78 | | |
| 151 | 106 | | | | | | 79 | | |
| 152 | 119 | | | | | | 80 | | |
| 153 | 101 | | | | | | 81 | | |
| 154 | 98 | | | | | | 82 | | |
| 155 | 93 | | | | | | 83 | | |

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

Survey Date: 19-Aug-04
Survey Unit #: LS-20
Building: Lakeside Hospital
Floor: 1SB
FSS Floor Classification: 1
SU DCGLw (dpm/100cm²): 6.94E+03
SU Description: Room 1SB-10B

| Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Total Efficiency ¹ | Probe Active Area (cm ²) |
|------------|------------------------|---------------|-----------|-------------------------------|--------------------------------------|
| 1 | Ludlum 2241 / 44-94 | 203640 | PR198969 | 6.7% | 60 |
| 2a | Ludlum 2241-3 / 44-94 | 200101 | PR198966 | 6.2% | 60 |
| 2b | Ludlum 2241-3 / 44-9 | 200101 | PR209866 | 5.2% | 15 |
| F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-20.01 | S | 1 | W | CT | 311 | 287.8 | 23.2 | 5.77E+02 | -1 |
| LS-20.02 | S | 1 | W | CT | 309 | 287.8 | 21.2 | 5.27E+02 | -1 |
| LS-20.03 | S | 1 | W | CT | 299 | 287.8 | 11.2 | 2.79E+02 | -1 |
| LS-20.04 | S | 1 | W | CT | 259 | 287.8 | -28.8 | -7.16E+02 | -1 |
| LS-20.05 | S | 1 | F | C | 130 | 137.2 | -7.2 | -1.79E+02 | -1 |
| LS-20.06 | S | 1 | F | C | 145 | 137.2 | 7.8 | 1.94E+02 | -1 |
| LS-20.07 | S | 1 | W | O | 103 | 96.6 | 6.4 | 1.59E+02 | -1 |
| LS-20.08 | S | 1 | W | CT | 259 | 287.8 | -28.8 | -7.16E+02 | -1 |
| LS-20.09 | S | 1 | F | C | 124 | 137.2 | -13.2 | -3.28E+02 | -1 |
| LS-20.10 | S | 1 | F | C | 133 | 137.2 | -4.2 | -1.04E+02 | -1 |
| LS-20.11 | S | 1 | F | C | 184 | 137.2 | 46.8 | 1.16E+03 | -1 |
| LS-20.12 | S | 1 | W | CT | 164 | 287.8 | -123.8 | -3.08E+03 | -1 |
| LS-20.13 | S | 1 | W | CT | 219 | 287.8 | -68.8 | -1.71E+03 | -1 |
| LS-20.14 | S | 1 | W | CT | 236 | 287.8 | -51.8 | -1.29E+03 | -1 |
| LS-20.15 | S | 1 | W | CT | 235 | 287.8 | -52.8 | -1.31E+03 | -1 |
| LS-20.16 | S | 1 | C | C | 111 | 137.2 | -26.2 | -6.52E+02 | -1 |
| LS-20.17 | S | 1 | C | C | 124 | 137.2 | -13.2 | -3.28E+02 | -1 |
| LS-20.18 | S | 1 | C | C | 107 | 137.2 | -30.2 | -7.51E+02 | -1 |
| LS-20.19 | S | 1 | C | C | 131 | 137.2 | -6.2 | -1.54E+02 | -1 |
| LS-20.20 | S | 1 | C | C | 115 | 137.2 | -22.2 | -5.52E+02 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Lower Walls | 1 | (See Survey Worksheet Packages Attached) | |

| Mean | -5.60E+02 |
|---------------------------------|-----------|
| Median | -4.40E+02 |
| Range | 4.24E+03 |
| Std Dev (1 σ) | 9.16E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

NOTES:

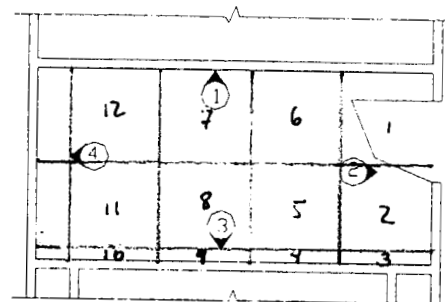
- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = walls C = Ceiling
- Surface Materials: C = Concrete CT = Clay Tile O = Other
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS
- MARSSIM Sign Test parameter. If Result > DCGLw, Sign = +1, Otherwise -1.

| | | | |
|----|----|----|----|
| 29 | 31 | 33 | 35 |
| 30 | 32 | 34 | 36 |

① ELEVATION

| | |
|----|----|
| 27 | 28 |
| | |

④ ELEVATION



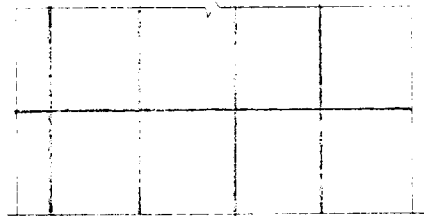
| | |
|----|----|
| 14 | 13 |
| 16 | 15 |
| 8 | 17 |

② ELEVATION

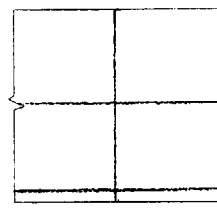
ROOM 1SB10B

| | | | |
|----|----|----|----|
| 92 | 42 | 22 | 02 |
| 52 | 32 | 12 | 61 |

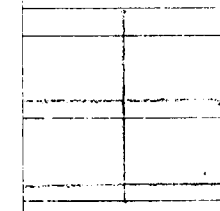
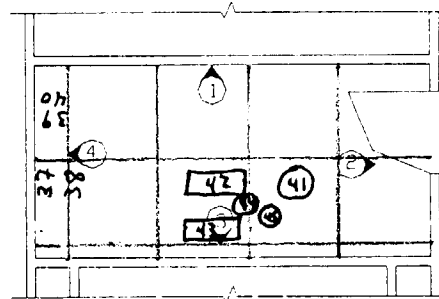
③ ELEVATION



① ELEVATION

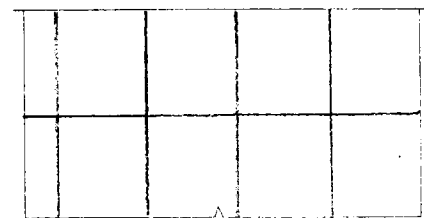


④ ELEVATION



② ELEVATION

ROOM 1SB10B
Surfaces



③ ELEVATION

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 1st LOB

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor <input type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|---------|----------|----------|---------|----------|
| 1 | 587 | 8.24.04 | AE | .015 | 8.19.04 | AE | 1 | 8.17.04 | AE |
| 2 | 573 | ↓ | ↓ | .020 | ↓ | ↓ | 2 | ↓ | ↓ |
| 3 | 606 | ↓ | ↓ | .020 | ↓ | ↓ | 3 | ↓ | ↓ |
| 4 | 143 143 | 8.24.04 | AC | .020 | ↓ | ↓ | 4 | ↓ | ↓ |
| 5 | 160 160 | 8.24.04 | AC | .020 | ↓ | ↓ | 5 | ↓ | ↓ |
| 6 | 568 | 8.24.04 | AC | .010 | ↓ | ↓ | 6 | ↓ | ↓ |
| 7 | 537 | 8.24.04 | AC | .015 | ↓ | ↓ | 7 | ↓ | ↓ |
| 8 | 154 | 8.24.04 | AC | .010 | ↓ | ↓ | 8 | ↓ | ↓ |
| 9 | 130 | 8.24.04 | AC | .015 | ↓ | ↓ | 9 | ↓ | ↓ |
| 10 | 561 | 8.24.04 | AC | .010 | ↓ | ↓ | 10 | ↓ | ↓ |
| 11 | 513 | 8.24.04 | AC | .015 | ↓ | ↓ | 11 | ↓ | ↓ |
| 12 | 536 | 8.24.04 | AC | .015 | ↓ | ↓ | 12 | ↓ | ↓ |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

meter 1

W2115

Survey Worksheet

Building: ☒ Lakeside Hospital☐ MSBRoom 15B10B

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|---|---------|----------|------------------------|------|----------|----------|---------|----------|
| Grid Position | <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 13 | 136 | 8.17.04 | AC | | | | 13 | 8.17.04 | AC |
| 14 | 118 | | | | | | 14 | | |
| 15 | 281 | | | | | | 15 | | |
| 16 | 268 | | | | | | 16 | | |
| 17 | 251 | | | | | | 17 | | |
| 18 | 263 | | | | | | 18 | | |
| 19 | 222 | | | | | | 19 | | |
| 20 | 232 | | | | | | 20 | | |
| 21 | 255 | | | | | | 21 | | |
| 22 | 226 | | | | | | 22 | | |
| 23 | 235 | | | | | | 23 | | |
| 24 | 227 | | | | | | 24 | | |
| 25 | 242 | | | | | | 25 | | |
| 26 | 233 | | | | | | 26 | | |
| 27 | 242 | | | | | | 27 | | |
| 28 | 229 | | | | | | 28 | | |
| 29 | 316 | | | | | | 29 | | |
| 30 | 321 | | | | | | 30 | | |

walls

☐ MSB

Room 15B10B

[illegible]

Surfaces

☐ MSB

Room /SB/0^B

[illegible]

Survey Unit Data Summary Sheet
VA Chicago - Lakeside Hospital Final Status Survey

Survey Date: 19-Aug-04
Survey Unit #: LS-21
Building: Lakeside Hospital
Floor: 1SB
FSS Floor Classification: 1
SU DCGLw (dpm/100cm²): 6.94E+03
SU Description: Room 1SB-16 - Location of former animal incinerator.

| Instrument | Ratemeter/Probe Models | Ratemeter S/N | Probe S/N | Total Efficiency ¹ | Probe Active Area (cm ²) |
|------------|------------------------|---------------|-----------|-------------------------------|--------------------------------------|
| 1 | Ludlum 2241 / 44-9 | 203640 | PR198969 | 6.7% | 60 |
| 2a | Ludlum 2241-3 / 44-9 | 200101 | PR198966 | 6.2% | 60 |
| 2b | Ludlum 2241-3 / 44- | 200101 | PR209866 | 5.2% | 15 |
| F | Ludlum 239-1F | 203519 | PR190331 | 5.9% | 528 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------------------------|-------------------|------------------------------|-------------------------------|--------------------------------|---|----------------------------------|---|----------------------------------|
| Sample ID | Sample Type ² | Instrument Number | Sample Location ³ | Surface Material ⁴ | Fixed-Point Result (gross cpm) | Material Specific Background ⁵ (cpm) | Net Fixed-Point Result (net cpm) | Residual Surface Activity (dpm/100cm ²) | Sign Test Parameter ⁶ |
| LS-21.01 | S | 1 | W | C | 118 | 137.2 | -19.2 | -4.78E+02 | -1 |
| LS-21.02 | S | 1 | F | C | 142 | 137.2 | 4.8 | 1.19E+02 | -1 |
| LS-21.03 | S | 1 | F | C | 144 | 137.2 | 6.8 | 1.69E+02 | -1 |
| LS-21.04 | S | 1 | W | CT | 234 | 287.8 | -53.8 | -1.34E+03 | -1 |
| LS-21.05 | S | 1 | W | CT | 270 | 287.8 | -17.8 | -4.43E+02 | -1 |
| LS-21.06 | S | 1 | F | C | 174 | 137.2 | 36.8 | 9.15E+02 | -1 |
| LS-21.07 | S | 1 | F | C | 142 | 137.2 | 4.8 | 1.19E+02 | -1 |
| LS-21.08 | S | 1 | F | C | 167 | 137.2 | 29.8 | 7.41E+02 | -1 |
| LS-21.09 | S | 1 | W | CT | 234 | 287.8 | -53.8 | -1.34E+03 | -1 |
| LS-21.10 | S | 1 | W | CT | 315 | 287.8 | 27.2 | 6.77E+02 | -1 |
| LS-21.11 | S | 1 | F | C | 148 | 137.2 | 10.8 | 2.69E+02 | -1 |
| LS-21.12 | S | 1 | F | C | 160 | 137.2 | 22.8 | 5.67E+02 | -1 |
| LS-21.13 | S | 1 | W | CT | 295 | 287.8 | 7.2 | 1.79E+02 | -1 |
| LS-21.14 | S | 1 | W | CT | 335 | 287.8 | 47.2 | 1.17E+03 | -1 |
| LS-21.15 | S | 1 | W | CT | 226 | 287.8 | -61.8 | -1.54E+03 | -1 |
| LS-21.16 | S | 1 | C | C | 132 | 137.2 | -5.2 | -1.29E+02 | -1 |
| LS-21.17 | S | 1 | C | C | 118 | 137.2 | -19.2 | -4.78E+02 | -1 |
| LS-21.18 | S | 1 | C | C | 126 | 137.2 | -11.2 | -2.79E+02 | -1 |
| LS-21.19 | S | 1 | C | C | 131 | 137.2 | -6.2 | -1.54E+02 | -1 |
| LS-21.20 | S | 1 | C | C | 140 | 137.2 | 2.8 | 6.97E+01 | -1 |
| LS-21.21 | S | 1 | C | C | 136 | 137.2 | -1.2 | -2.99E+01 | -1 |

| Scan Survey Results | | | |
|---------------------|----------|--|-------|
| Area | Instr. # | Gross CPM | Notes |
| Floors | F | (See Survey Worksheet Packages Attached) | |
| Lower Walls | 1 | (See Survey Worksheet Packages Attached) | |

| | |
|-------------------------------------|-----------|
| Mean | -5.87E+01 |
| Median | 9.45E+01 |
| Range | 2.71E+03 |
| Std Dev (1 σ) | 7.38E+02 |
| MARSSIM Sign Test Required? | NO |
| MARSSIM SIGN TEST EVALUATION | |
| Sum of Positive Signs | 0 |
| Sign Test Critical Value (n=20) | 14 |
| Null Hypothesis Evaluation | N/A |

NOTES:

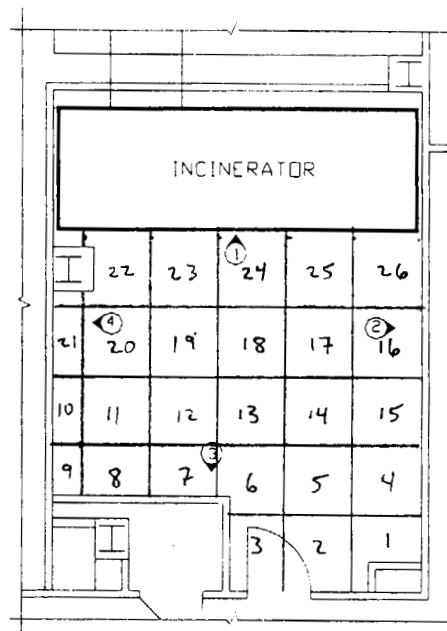
- Instrument Efficiency = Instrument static 4-pi efficiency for C-14.
- Sample Type: S = Systematic Location B = Biased Location
- F = floor W = wall C = ceiling
- Surface Materials: C = Concrete CT = Clay Tile
- Average of (5) 1-minute background readings collected in unimpacted areas for each building surface encountered during FSS.
- MARSSIM Sign Test parameter. If Result > DCGLw, Sign = +1, Otherwise -1.

| | | | | | |
|----|--|--|--|--|--|
| 49 | | | | | |
| 50 | | | | | |

① ELEVATION

| | |
|----|----|
| | |
| 47 | 48 |
| 45 | 46 |
| 43 | 44 |
| 41 | 42 |
| 39 | 40 |
| 37 | 38 |

④ ELEVATION



ROOM 1SB16

| | |
|----|----|
| | |
| 52 | 51 |
| 54 | 53 |
| 56 | 55 |
| 58 | 57 |
| 60 | 59 |
| 62 | 61 |

② ELEVATION

| | | | | | |
|----|----|----|----|----|----|
| 04 | 82 | 72 | 62 | 52 | 42 |
| 06 | 84 | 74 | 64 | 54 | 44 |

③ ELEVATION

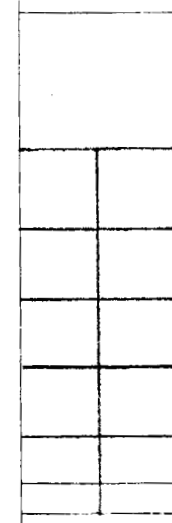
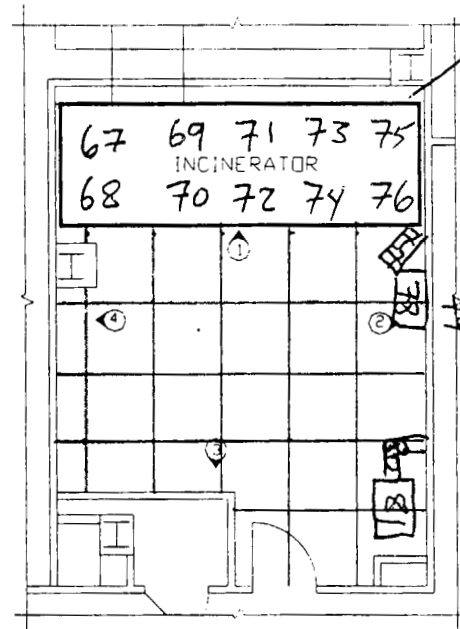


① ELEVATION

Face of Incinerator.



④ ELEVATION



② ELEVATION

ROOM 1SB16
Surfaces



③ ELEVATION

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 1^{SB}16

☒ Floor Monitor [] Meter 1
[] Meter 2 Det. 1 [] Meter 2 Det. 2

Meter 4

| Grid Position | <input checked="" type="checkbox"/> Floor [] Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|---|---------|----------|------------------------------|---------|----------|----------|---------|----------|
| 1 | 556 | 8.24.04 | AE | .015 | 8.19.04 | AE | 1 | 8.18.04 | AE |
| 2 | 593 | | | .010 | | | 2 | | |
| 3 | 579 | | | .020 | | | 3 | | |
| 4 | 563 | | | .020 | | | 4 | | |
| 5 | 574 | | | .015 | | | 5 | | |
| 6 | 521 | | | .010 | | | 6 | | |
| 7 | 558 | | | .015 | | | 7 | | |
| 8 | 528 | | | .010 | | | 8 | | |
| 9 | 523 | | | .020 | | | 9 | | |
| 10 | 591 | | | .010 | | | 10 | | |
| 11 | 552 | | | .015 | | | 11 | | |
| 12 | 530 | | | .020 | | | 12 | | |
| 13 | 574 | | | .020 | | | 13 | | |
| 14 | 611 | | | .010 | | | 14 | | |
| 15 | 531 | | | .010 | | | 15 | | |
| 16 | 558 | | | .015 | | | 16 | | |
| 17 | 572 | | | .010 | | | 17 | | |
| 18 | 589 | | | .020 | | | 18 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 15B16

[illegible]

Walls

Survey Worksheet

Building:

☒ Lakeside Hospital

☐ MSB

Room 1st 16

☐ Floor Monitor ☒ Meter 1
☐ Meter 2 Det. 1 ☐ Meter 2 Det. 2

Meter 4

| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
|---------------|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| 27 | 181 | 8.18.04 | AC | | | | 27 | 8.18.04 | AC |
| 28 | 190 | | | | | | 28 | | |
| 29 | 130 | | | | | | 29 | | |
| 30 | 119 | | | | | | 30 | | |
| 31 | 128 | | | | | | 31 | | |
| 32 | 144 | | | | | | 32 | | |
| 33 | 122 | | | | | | 33 | | |
| 34 | 107 | | | | | | 34 | | |
| 35 | 101 | | | | | | 35 | | |
| 36 | 113 | | | | | | 36 | | |
| 37 | 157 | | | | | | 37 | | |
| 38 | 136 | | | | | | 38 | | |
| 39 | 179 | | | | | | 39 | | |
| 40 | 167 | | | | | | 40 | | |
| 41 | 247 | | | | | | 41 | | |
| 42 | 238 | | | | | | 42 | | |
| 43 | 226 | | | | | | 43 | | |
| 44 | 234 | | | | | | 44 | | |

Walls

Survey Worksheet

Building: ☒ Lakeside Hospital☐ MSBRoom 1st 16

| <input type="checkbox"/> Floor Monitor <input checked="" type="checkbox"/> Meter 1 <input type="checkbox"/> Meter 2 Det. 1 <input type="checkbox"/> Meter 2 Det. 2 | | | | Meter 4 | | | | | |
|---|--|---------|----------|------------------------------|------|----------|----------|---------|----------|
| Grid Position | <input type="checkbox"/> Floor <input checked="" type="checkbox"/> Surface cpm | Date | Initials | 1 meter Exp. Rate mR/h | Date | Initials | Wipe No. | Date | Initials |
| 45 | 246 | 8.18.04 | AC | | | | 45 | 8.18.04 | AC |
| 46 | 252 | | | | | | 46 | | |
| 47 | 264 | | | | | | 47 | | |
| 48 | 185 | | | | | | 48 | | |
| 49 | 172 | | | | | | 49 | | |
| 50 | 154 | | | | | | 50 | | |
| 51 | 264 | | | | | | 51 | | |
| 52 | 252 | | | | | | 52 | | |
| 53 | 278 | | | | | | 53 | | |
| 54 | 262 | | | | | | 54 | | |
| 55 | 239 | | | | | | 55 | | |
| 56 | 254 | | | | | | 56 | | |
| 57 | 239 | | | | | | 57 | | |
| 58 | 258 | | | | | | 58 | | |
| 59 | 217 | | | | | | 59 | | |
| 60 | 269 | | | | | | 60 | | |
| 61 | 225 | | | | | | 61 | | |
| 62 | 215 | | | | | | 62 | | |

Survey Worksheet

Building: ☒ Lakeside Hospital

☐ MSB

Room 15B16

[illegible]

Windowless Proportional Counter Survey Results
VA Chicago - Lakeside Hospital Final Status Survey

| Survey Instrument | Instrument / Probe S/N | Probe Active Area (cm ²) | Asserted 44-110 H-3 Efficiency ¹ | | | | |
|----------------------|----------------------------------|--------------------------------------|---|-------------------------------|-----------------------------|---|--|
| Ludlum 2221 / 44-110 | 176947 / PR178079 | 126 | 10% | | | | |
| SU - Room | Sample Location | Surface Material ² | Material-Specific Background (cpm) | Gross Static Count Rate (cpm) | Net Static Count Rate (cpm) | H-3 Residual Activity (dpm / 100cm ²) | Notes |
| LS-1 | T1 - Floor | C | 413 | 237 | -176 | -1.40E+03 | |
| LS-1 | T2 - Floor | C | 413 | 321 | -92 | -7.29E+02 | |
| LS-1 | T3 - Floor | C | 413 | 257 | -156 | -1.24E+03 | |
| LS-3 - 2SB03 | T1 - Floor | VT | 309 | 234 | -75 | -5.94E+02 | |
| LS-3 - 2SB05 | T1 - Floor | VT | 309 | 281 | -28 | -2.21E+02 | |
| LS-3 - 2SB05A | T1 - Sink | SS | 339 | 287 | -52 | -4.11E+02 | |
| LS-3 - 2SB05A | T2 - Floor | VT | 309 | 289 | -20 | -1.57E+02 | |
| LS-3 - 2SB05A | T3 - Floor | VT | 309 | 294 | -15 | -1.17E+02 | |
| LS-3 - 2SB07A | T1 - Sink | SS | 339 | 397 | 58 | 4.62E+02 | |
| LS-3 - 2SB07A | T2 - Floor | VT | 309 | 325 | 16 | 1.29E+02 | |
| LS-3 - 2SB07A | T3 - Floor | VT | 309 | 274 | -35 | -2.76E+02 | |
| LS-3 - 2SB08 | T1 - Floor | VT | 309 | 241 | -68 | -5.38E+02 | |
| LS-3 - 2SB08 | T2 - Floor | VT | 309 | 288 | -21 | -1.65E+02 | |
| LS-3 - 2SB08A | T1 - Floor | VT | 309 | 289 | -20 | -1.57E+02 | |
| LS-3 - 2SB08B | T1 - Floor | VT | 309 | 286 | -23 | -1.81E+02 | |
| LS-4 - 2SB09 | T1 - Floor | VT | 309 | 250 | -59 | -4.67E+02 | |
| LS-4 - 2SB09 | T1 - Floor | VT | 309 | 300 | -9 | -6.98E+01 | |
| LS-6 - 1SB10A | T1 - Floor | C | 413 | 375 | -38 | -3.00E+02 | |
| LS-6 - 1SB10A | T2 - Floor | C | 413 | 439 | 26 | 2.08E+02 | |
| LS-6 - 1SB10A | T3 - Floor | C | 413 | 538 | 125 | 9.94E+02 | |
| LS-6 - 1SB10A | T4 - Floor | C | 413 | 434 | 21 | 1.68E+02 | |
| LS-6 - 1SB10A | T5 - Floor | C | 413 | 337 | -76 | -6.02E+02 | |
| LS-6 - 1SB10A | T6 - Floor (Grid #13 Post Decon) | C | 413 | 802 | 389 | 3.09E+03 | These measurements were taken after decon and shipment of sample freezer in 1SB-10A. LSC results of water from freezer showed H-3 contamination. Thawed ice from freezer leaked onto floor during freezer disposition. |
| LS-6 - 1SB10A | T7 - Floor (Grid #17 Post Decon) | C | 413 | 1649 | 1236 | 9.81E+03 | |
| LS-6 - 1SB10A | T8 - Floor (Grid #35 Post Decon) | C | 413 | 748 | 335 | 2.66E+03 | |
| LS-6 - 1SB10A | T9 - Floor (Grid #36 Post Decon) | C | 413 | 1094 | 681 | 5.41E+03 | |
| LS-20 - 1SB10B | T1 - Floor | C | 413 | 329 | -84 | -6.65E+02 | |
| LS-20 - 1SB10B | T2 - Floor | C | 413 | 336 | -77 | -6.10E+02 | |
| LS-7 - 1SB13 | T1 - Floor | C | 413 | 331 | -82 | -6.49E+02 | |
| LS-7 - 1SB13 | T2 - Floor | C | 413 | 441 | 28 | 2.24E+02 | |
| LS-7 - 1SB13 | T3 - Floor | C | 413 | 361 | -52 | -4.11E+02 | |
| LS-8 - 1SB12A | T1 - Floor | C | 413 | 342 | -71 | -5.62E+02 | |
| LS-8 - 1SB12A | T2 - Floor | C | 413 | 363 | -50 | -3.95E+02 | |
| LS-8 - 1SB12A | T3 - Floor | C | 413 | 426 | 13 | 1.05E+02 | |
| LS-21 - 1SB16 | T1 - Floor | C | 413 | 419 | 6 | 4.92E+01 | |
| LS-21 - 1SB16 | T2 - Floor | C | 413 | 381 | -32 | -2.52E+02 | |
| LS-21 - 1SB16 | T3 - Floor | C | 413 | 375 | -38 | -3.00E+02 | |
| LS-9 - 254 | T1 - Sink | SST | 260 | 340 | 80 | 6.38E+02 | |
| LS-9 - 254 | T2 - Floor | VT | 309 | 271 | -38 | -3.00E+02 | |
| LS-9 - 254A | T1 - Floor | VT | 309 | 280 | -29 | -2.29E+02 | |
| LS-9 - 255 | T1 - Floor | VT | 309 | 279 | -30 | -2.37E+02 | |
| LS-9 - 256 | T1 - Floor | VT | 309 | 316 | 7 | 5.71E+01 | |
| LS-9 - 257 | T1 - Floor | VT | 309 | 228 | -81 | -6.41E+02 | |
| LS-9 - 257 | T2 - Sink | SS | 339 | 292 | -47 | -3.71E+02 | |
| LS-9 - 257A | T1 - Floor | VT | 309 | 374 | 65 | 5.17E+02 | |
| LS-9 - 258 | T1 - Sink | SS | 339 | 257 | -82 | -6.49E+02 | |
| LS-9 - 258 | T2 - Floor | VT | 309 | 281 | -28 | -2.21E+02 | |
| LS-9 - 260 | T1 - Sink | SS | 339 | 281 | -58 | -4.59E+02 | |

Windowless Proportional Counter Survey Results
VA Chicago - Lakeside Hospital Final Status Survey

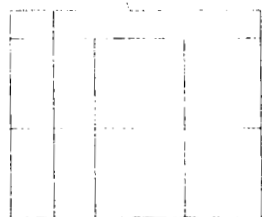
| Survey Instrument | Instrument / Probe S/N | Probe Active Area (cm ²) | Asserted 44-110 H-3 Efficiency ¹ | | | | |
|----------------------|------------------------|--------------------------------------|---|-------------------------------|-----------------------------|---|-------|
| Ludlum 2221 / 44-110 | 176947 / PR178079 | 126 | 10% | | | | |
| SU - Room | Sample Location | Surface Material ² | Material-Specific Background (cpm) | Gross Static Count Rate (cpm) | Net Static Count Rate (cpm) | H-3 Residual Activity (dpm / 100cm ²) | Notes |
| LS-9 - 260 | T2 - Floor | O | 124 | 132 | 8 | 6.03E+01 | |
| LS-11 - 716D | T1 - Sink | SST | 260 | 281 | 21 | 1.70E+02 | |
| LS-11 - 716D | T2 - Sink | SST | 260 | 329 | 69 | 5.51E+02 | |
| LS-11 - 716D | T3 - Sink | SST | 260 | 297 | 37 | 2.97E+02 | |
| LS-11 - 716D | T4 - Sink | SST | 260 | 282 | 22 | 1.78E+02 | |
| LS-11 - 716D | T5 - Floor | VT | 309 | 186 | -123 | -9.75E+02 | |
| LS-12 - 718 | T1 - Sink | SST | 260 | 295 | 35 | 2.81E+02 | |
| LS-12 - 718 | T2 - Floor | VT | 309 | 280 | -29 | -2.29E+02 | |
| LS-13 - 732 | T1 - Floor | VT | 309 | 249 | -60 | -4.75E+02 | |
| LS-13 - 732 | T2 - Countertop | SST | 260 | 311 | 51 | 4.08E+02 | |
| LS-13 - 732 | T3 - Countertop | SST | 260 | 325 | 65 | 5.19E+02 | |
| LS-14 - 734 | T1 - Sink | SST | 260 | 333 | 73 | 5.83E+02 | |
| LS-14 - 734 | T2 - Floor | VT | 309 | 201 | -108 | -8.56E+02 | |
| LS-14 - 734-1 | T1 - Hood | SS | 339 | 309 | -30 | -2.37E+02 | |
| LS-14 - 734-1 | T2 - Floor | VT | 309 | 218 | -93 | -7.37E+02 | |
| LS-14 - 734-1 | T3 - Floor | VT | 309 | 267 | -42 | -3.32E+02 | |
| LS-14 - 734-1 | T4 - Sink | SST | 260 | 221 | -39 | -3.06E+02 | |
| LS-14 - 735 | T1 - Sink | PS | 631 | 610 | -21 | -1.68E+02 | |
| LS-14 - 735 | T2 - Floor | VT | 309 | 236 | -73 | -5.78E+02 | |
| LS-16 - 817 | T1 - Sink | O | 124 | 142 | 18 | 1.40E+02 | |
| LS-16 - 817 | T2 - Sink | SST | 260 | 364 | 104 | 8.29E+02 | |
| LS-16 - 817 | T3 - Floor | VT | 309 | 240 | -69 | -5.46E+02 | |
| LS-16 - 819 | T1 - Floor | VT | 309 | 239 | -70 | -5.54E+02 | |
| LS-16 - 819 | T2 - Floor | VT | 309 | 267 | -42 | -3.32E+02 | |
| LS-16 - 819A | T1 - Floor | VT | 309 | 308 | -1 | -6.35E+00 | |
| LS-16 - 819B | T1 - Countertop | SST | 260 | 353 | 93 | 7.41E+02 | |
| LS-16 - 819C | T1 - Floor | VT | 309 | 257 | -52 | -4.11E+02 | |
| LS-16 - 820 | T1 - Countertop | SST | 260 | 349 | 89 | 7.10E+02 | |
| LS-16 - 820 | T2 - Floor | VT | 309 | 351 | 42 | 3.35E+02 | |
| LS-16 - 820A | T1 - Floor | VT | 309 | 350 | 41 | 3.27E+02 | |
| LS-16 - 821 | T1 - Sink | SST | 260 | 336 | 76 | 6.06E+02 | |
| LS-16 - 821 | T2 - Sink | SST | 260 | 326 | 66 | 5.27E+02 | |
| LS-16 - 821 | T3 - Countertop | SST | 260 | 239 | -21 | -1.63E+02 | |
| LS-16 - 821A | T1 - Floor | VT | 309 | 271 | -38 | -3.00E+02 | |
| LS-16 - 822 | T1 - Floor | VT | 309 | 257 | -52 | -4.11E+02 | |
| LS-16 - 823 | T1 - Sink | SST | 260 | 324 | 64 | 5.11E+02 | |
| LS-16 - 823 | T2 - Sink | SST | 260 | 274 | 14 | 1.14E+02 | |
| LS-16 - 823 | T3 - Countertop | SST | 260 | 361 | 101 | 8.05E+02 | |
| LS-16 - 824 | T1 - Sink | SST | 260 | 296 | 36 | 2.89E+02 | |
| LS-16 - 824 | T2 - Sink | SST | 260 | 253 | -7 | -5.24E+01 | |
| LS-16 - 824 | T3 - Countertop | SST | 260 | 236 | -24 | -1.87E+02 | |

Windowless Proportional Counter Survey Results
 VA Chicago - Lakeside Hospital Final Status Survey

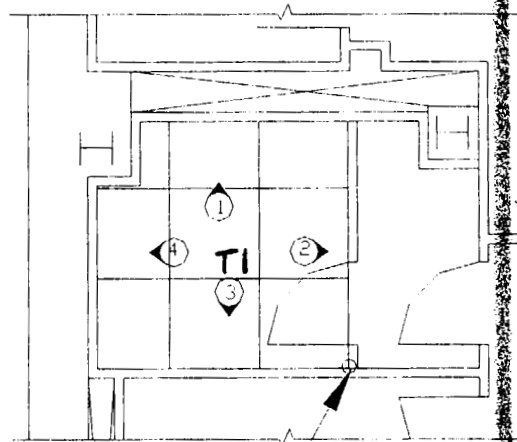
| Survey Instrument | Instrument / Probe S/N | Probe Active Area (cm ²) | Asserted 44-110 H-3 Efficiency ¹ | | | | |
|----------------------|--|--------------------------------------|---|-------------------------------|-----------------------------|---|-------|
| Ludlum 2221 / 44-110 | 176947 / PR178079 | 126 | 10% | | | | |
| SU - Room | Sample Location | Surface Material ² | Material-Specific Background (cpm) | Gross Static Count Rate (cpm) | Net Static Count Rate (cpm) | H-3 Residual Activity (dpm / 100cm ²) | Notes |
| LS-16 - 824 | T4 - Floor | VT | 309 | 217 | -92 | -7.29E+02 | |
| LS-16 - 825 | T1 - Sink | SST | 260 | 272 | 12 | 9.84E+01 | |
| LS-16 - 825 | T2 - Countertop | SST | 260 | 206 | -54 | -4.25E+02 | |
| LS-17 - 827C | T1 - Wall | O | 124 | 283 | 159 | 1.26E+03 | |
| LS-17 - 827C | T2 - Wall | O | 124 | 272 | 148 | 1.17E+03 | |
| LS-17 - 829B | T1 - Floor | O | 124 | 185 | 61 | 4.81E+02 | |
| LS-17 - 829C | T1 - Floor | O | 124 | 205 | 81 | 6.40E+02 | |
| LS-18 - 839 | T1 - Sink | SST | 260 | 474 | 214 | 1.70E+03 | |
| LS-18 - 839 | T2 - Floor | C | 413 | 336 | -77 | -6.10E+02 | |
| LS-18 - 841 | T1 - Floor | VT | 309 | 132 | -177 | -1.40E+03 | |
| LS-18 - 842 | T1 - Floor | O | 124 | 152 | 28 | 2.19E+02 | |
| LS-18 - 842 | T2 - Floor | O | 124 | 119 | -5 | -4.29E+01 | |
| LS-18 - 845 | T1 - Sink | O | 124 | 122 | -2 | -1.90E+01 | |
| LS-18 - 845 | T2 - Floor | O | 124 | 124 | 0 | -3.17E+00 | |
| LS-18 - 848 | T1 - Floor | O | 124 | 96 | -28 | -2.25E+02 | |
| LS-18 - 850 | T1 - Sink | O | 124 | 145 | 21 | 1.63E+02 | |
| LS-19 - 803 | T1 - Sink | SST | 260 | 309 | 49 | 3.92E+02 | |
| LS-19 - 803 | T2 - Floor | VT | 309 | 290 | -19 | -1.49E+02 | |
| LS-19 - 803 | T3 - Floor (Grid #15 post-decon) | VT | 309 | 247 | -62 | -4.90E+02 | |
| LS-19 - 809 | T1 - Sink | SST | 260 | 264 | 4 | 3.49E+01 | |
| LS-19 - 809 | T2 - Hood | SST | 260 | 193 | -67 | -5.29E+02 | |
| LS-19 - 809 | T3 - Floor | VT | 309 | 297 | -12 | -9.37E+01 | |
| LS-19 - 811 | T1 - Hood | SST | 260 | 239 | -21 | -1.63E+02 | |
| LS-19 - 811 | T2 - Sink | SST | 260 | 305 | 45 | 3.60E+02 | |
| LS-19 - 811 | T3 - Floor | VT | 309 | 237 | -72 | -5.70E+02 | |
| LS-19 - 811 | T4 - Floor (Grid #16 post-decon) | VT | 309 | 752 | 443 | 3.52E+03 | |
| LS-19 - 813 | T1 - Sink | SS | 339 | 323 | -16 | -1.25E+02 | |
| LS-19 - 813 | T2 - Floor | VT | 309 | 380 | 71 | 5.65E+02 | |
| LS-19 - 813 | T3 - Countertop | SST | 260 | 246 | -14 | -1.08E+02 | |
| LS-19 - 813 | T4 - Countertop (Grid #125 post-decon) | SST | 260 | 329 | 69 | 5.51E+02 | |

NOTES:

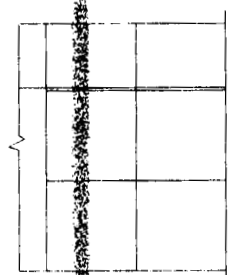
- 1 Instrument H-3 efficiency conservatively de-rated to 10% from vendor calibration 2-pi H-3 efficiency of 46.9% to account for surface inconsistencies.
- 2 Surface materials:
 SSI = Synthetic Stone Sink
 SST = Synthetic Stone Bench Top
 ST = Natural Stone Surfaces (Room 302 Only)
 SS = Stainless Steel
 VT = Vinyl Tile



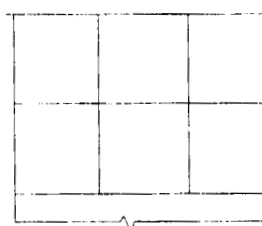
(1) ELEVATION



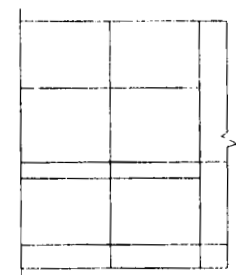
START GRID HERE
ROOM 2SB03



(4) ELEVATION



(3) ELEVATION

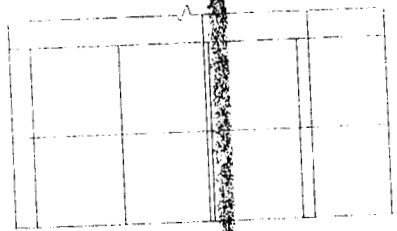


(2) ELEVATION

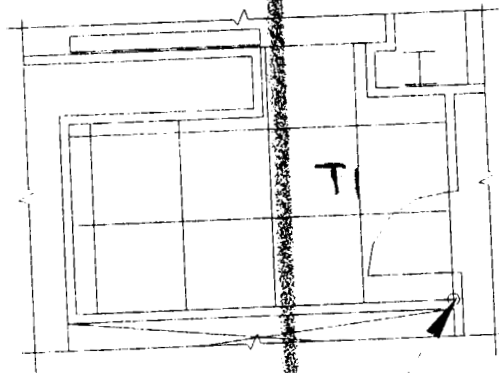
Tritium Readings
Ti: Floor (Vinyl Tile) - 234

8.3.04

Ac

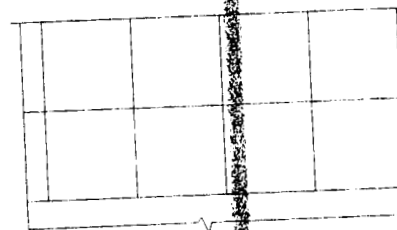


① ELEVATION

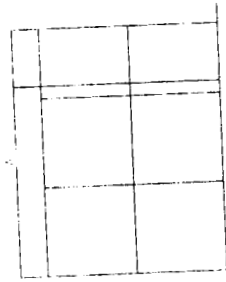


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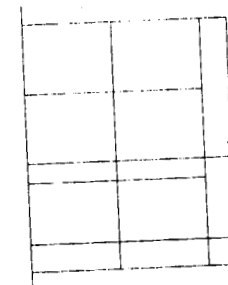
ROOM 20B05



③ ELEVATION



④ ELEVATION

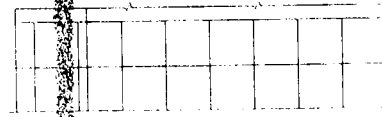


② ELEVATION

Tritium Readings

Ti: Floor (Terrazzo) - 281

8.3.04
AC



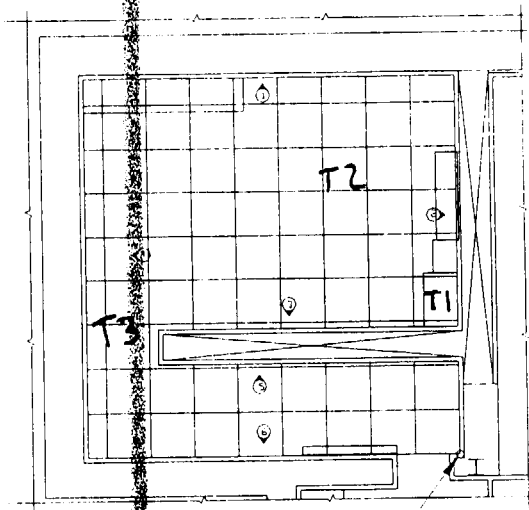
(6) ELEVATION



(1) ELEVATION



(4) ELEVATION

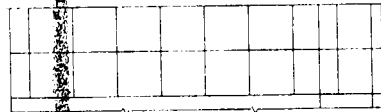


ROOM 2SB05A

START GRID HERE



(3) ELEVATION



(5) ELEVATION

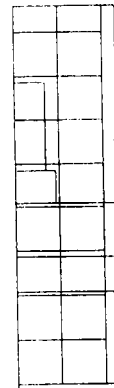
Titanium Restings

T₁: Sink (Stainless) ~~no~~
Surface - 287

T₂: Floor (Terrazzo) - 289

T₃: Floor (Terrazzo) - 294

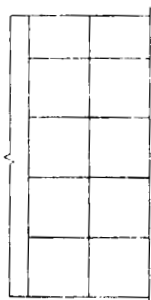
8.3.04
AC



(2) ELEVATION



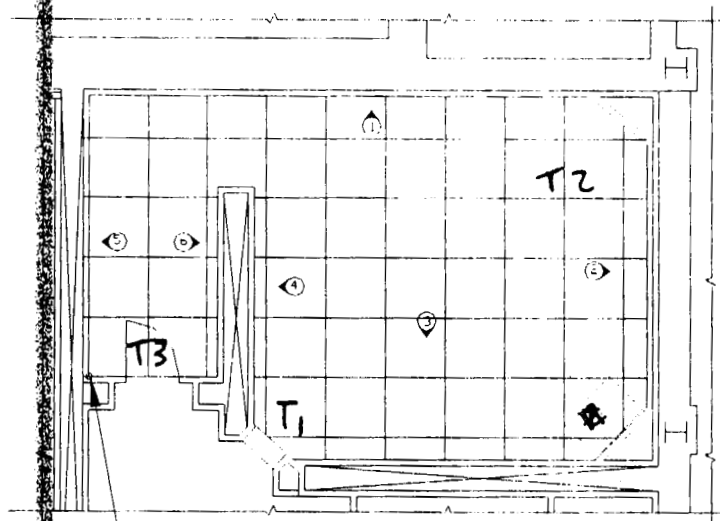
(1) ELEVATION



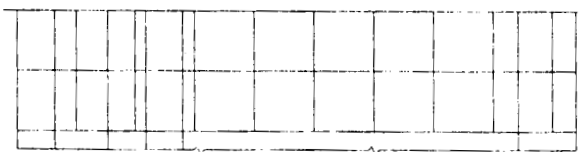
(5) ELEVATION



(4) ELEVATION



ROOM 25B07A



(3) ELEVATION

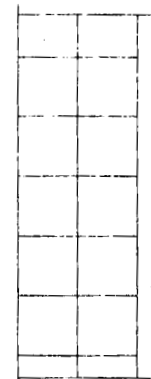
Tritium Readings

T₁: Sink (stainless) - 397

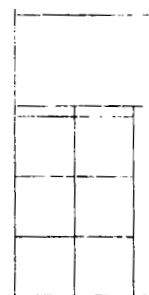
T₂: Floor (Terrazzo) - 325

T₃: Floor (Terrazzo) - 274

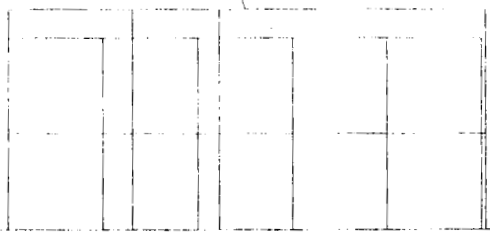
8.3.04 AC



(6) ELEVATION

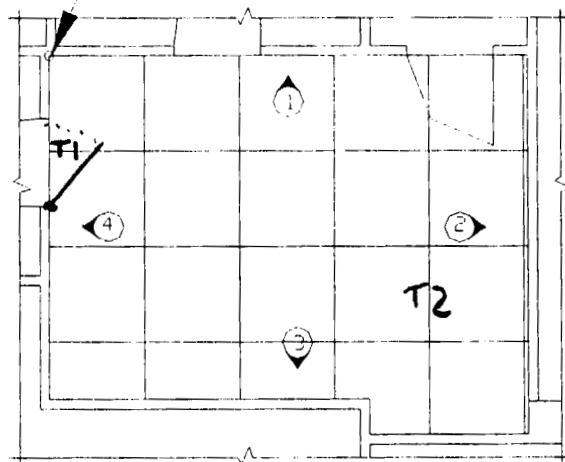


(7) ELEVATION

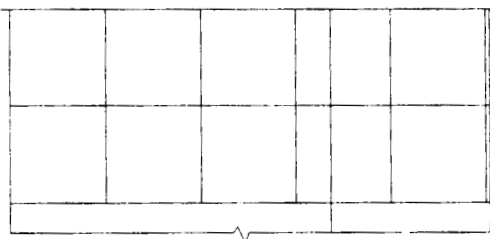


START GRID HERE

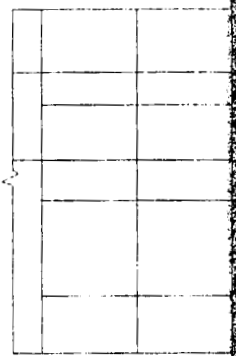
① ELEVATION



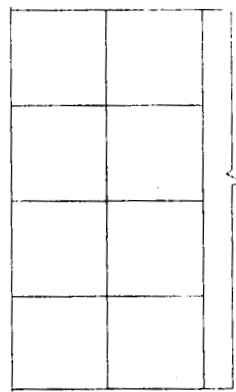
ROOM 25B08



③ ELEVATION



④ ELEVATION



② ELEVATION

Tritium Readings

T₁: Floor (Vinyl Tile) - 291

T₂: Floor (Vinyl Tile) - 288

8,3,04

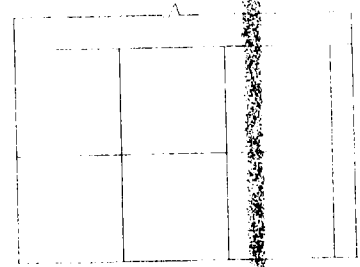
AC

Tritium Readings

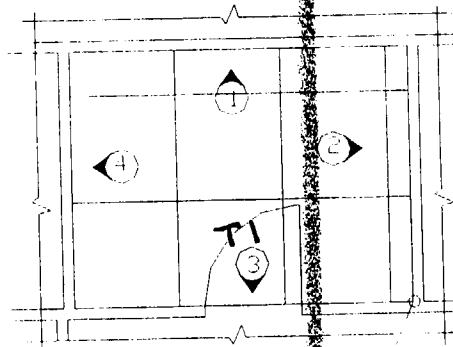
T₁: Floor (Vinyl Tile)
- 289

8.3.04

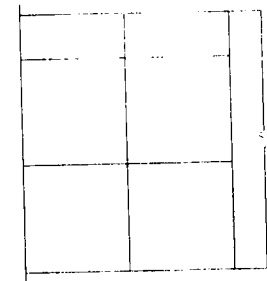
AC



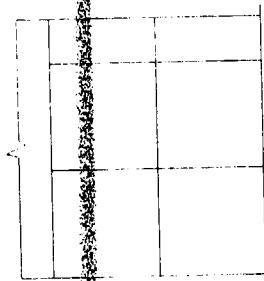
(1) ELEVATION



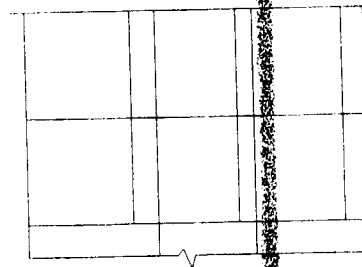
START GRID HERE
ROOM 2SB08A



(2) ELEVATION



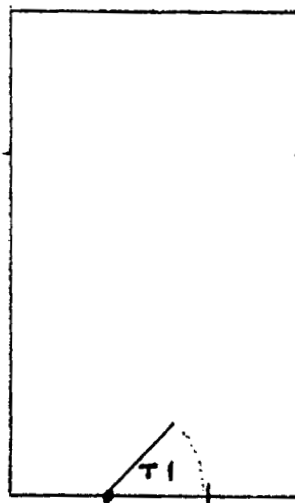
(4) ELEVATION



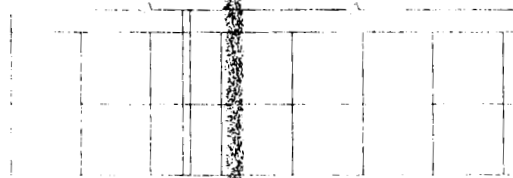
(3) ELEVATION

Tritium Readings
T₁: Floor (Vinyl Tile) - 286

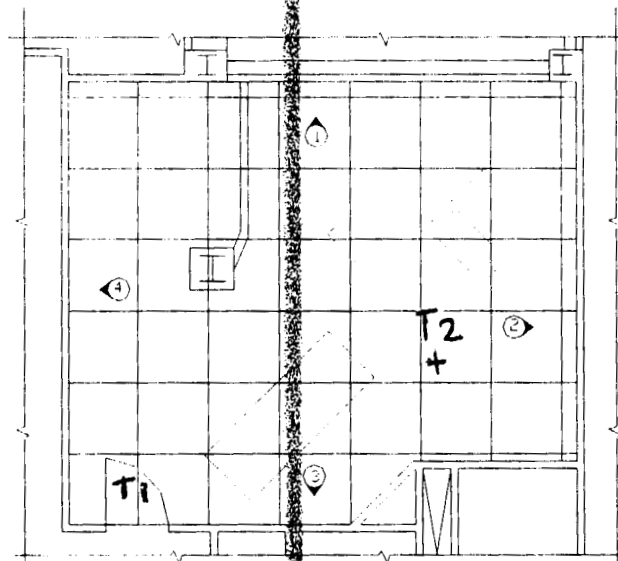
8.3.04
AC



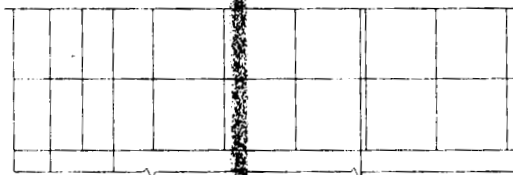
Room 2^{5B}08B



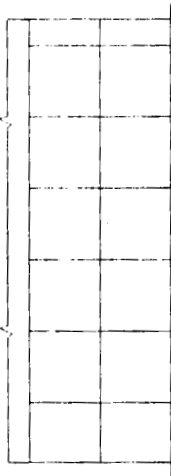
(1) ELEVATION



ROOM 2SB09



(3) ELEVATION

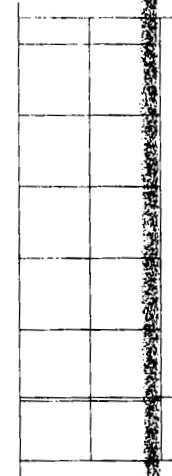


(4) ELEVATION

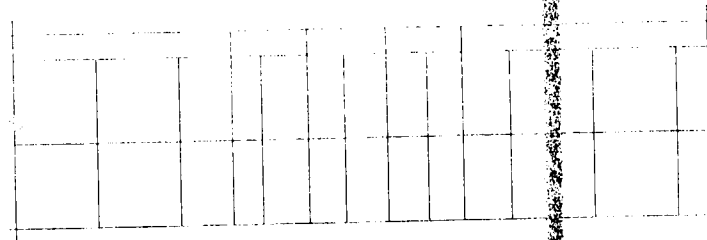
Tritium Readings

T1 Floor (Vinyl Tile) - 29
T2 Floor (Vinyl Tile) - 30

8,30.04
AC



(2) ELEVATION



① ELEVATION

START GRID HERE

OVERHEAD
DOOR

ARE WAY

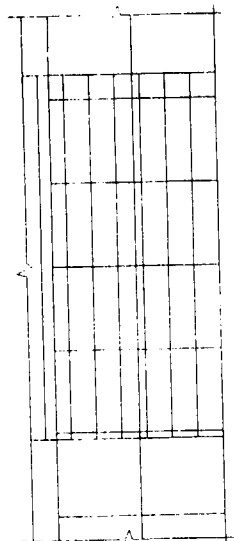
T1

②

T2

T3

8.5.04
AC

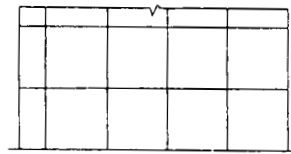


② ELEVATION

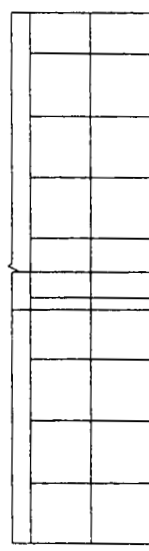
ROOM 25B Incin - Boiler Room

Tritium Readings

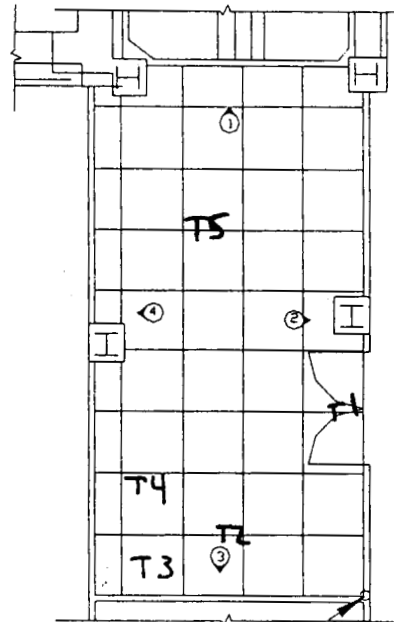
T1: ~~235~~
Floor (cement) - 235
T2: Floor (cement) - 321
T3: Floor (cement) - 255



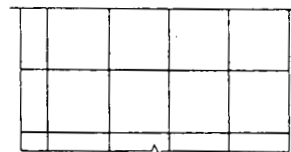
① ELEVATION



④ ELEVATION



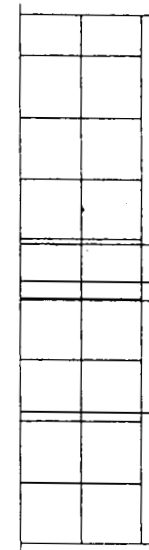
ROOM 1SB10A



③ ELEVATION

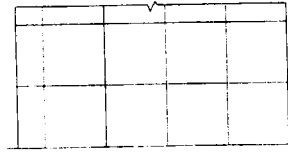
Pre-Decontam Tritium Readings

- T₁: Floor (Concrete) - 375
- T₂: Floor (Concrete) - 439
- T₃: Floor (Concrete) - 538
- T₄: Floor (Concrete) - 434
- T₅: Floor (Concrete) - 337

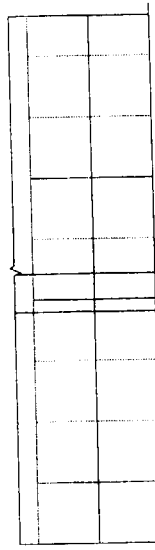


② ELEVATION

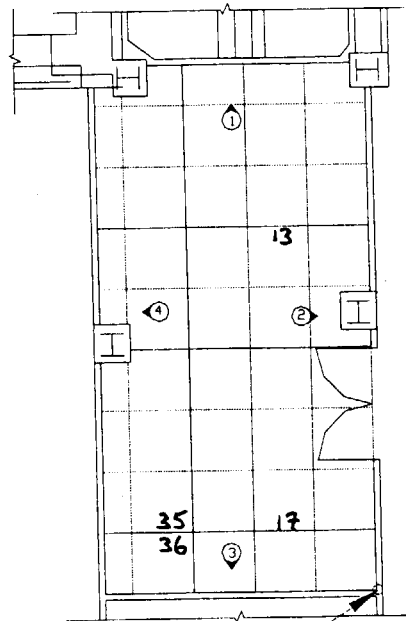
8.11.04
AC



① ELEVATION

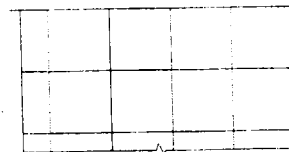


④ ELEVATION

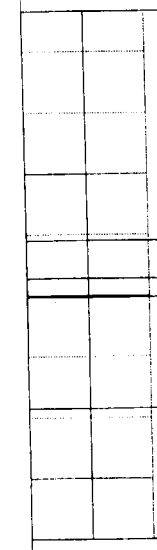


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ROOM 1SB10A



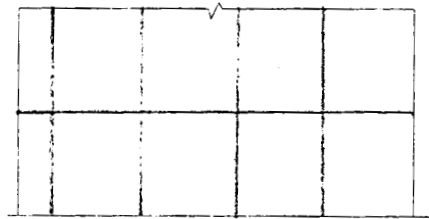
③ ELEVATION



② ELEVATION

Post-Decontamination Tritium Readings

| | | |
|-----------|----------|----|
| 13 = 802 | } 9.2.04 | AC |
| 17 = 1649 | | |
| 35 = 748 | | |
| 36 = 1094 | | |



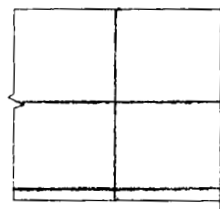
① ELEVATION

Tritium Readings

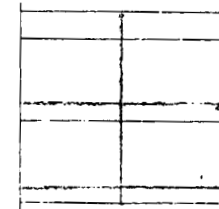
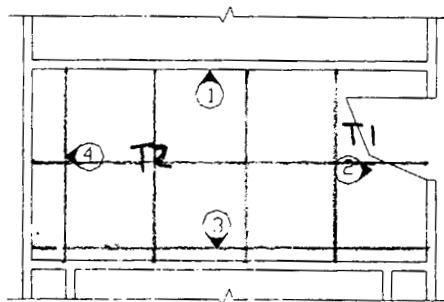
T₁: Floor (Concrete): 329

T₂: Floor (Concrete): 358

8.24.04
AC

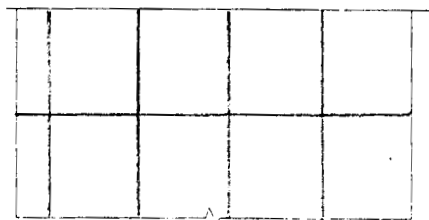


④ ELEVATION



② ELEVATION

ROOM 1SB10B



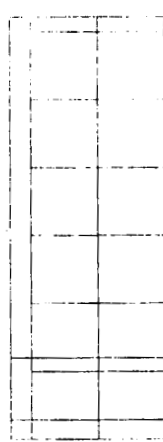
③ ELEVATION

Tritium Readings

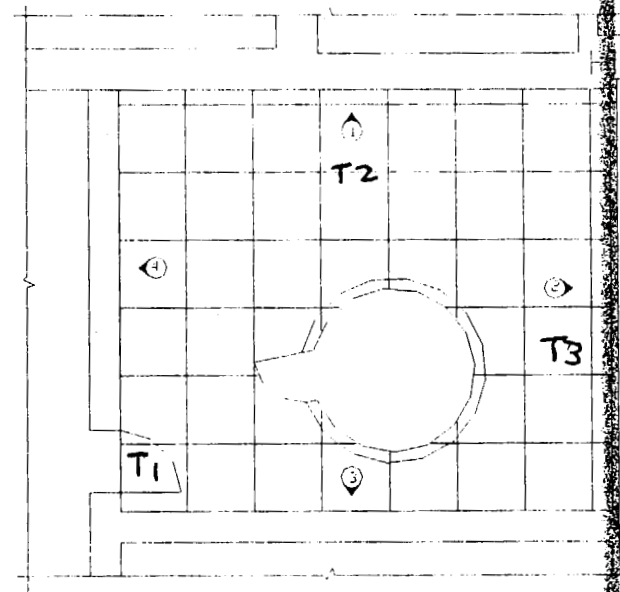
T₁: Floor (Cement) - 342

T₂: Floor (Cement) - 363

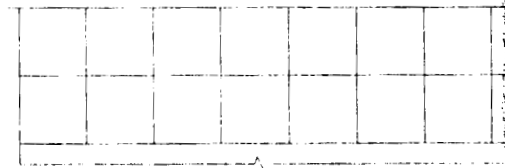
T₃: Floor (Cement) - 426



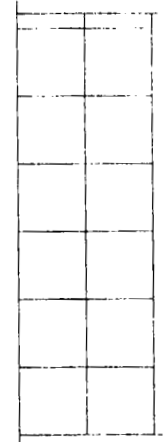
4) ELEVATION



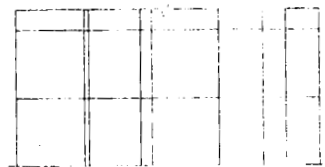
ROOM ISB12A



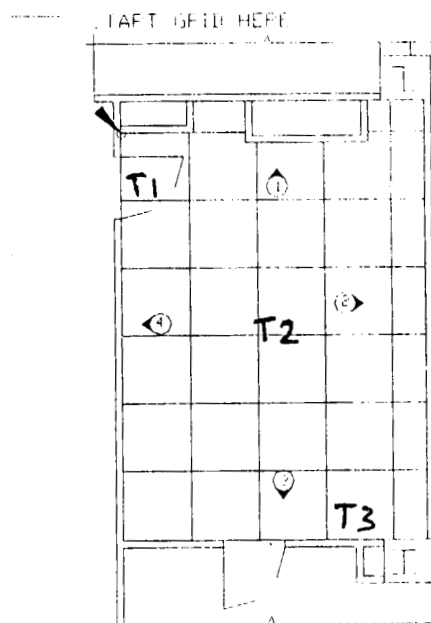
3) ELEVATION



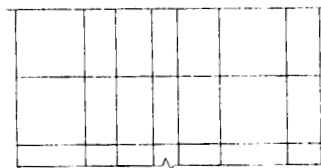
2) ELEVATION



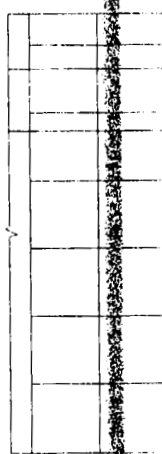
(1) ELEVATION



ROOM 1SB15



(3) ELEVATION



(4) ELEVATION



(5) ELEVATION

Tritium Readings

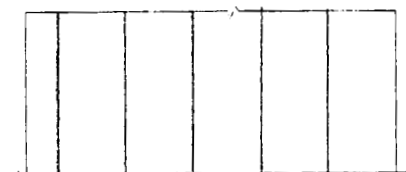
T1: Floor (cement) - 336

T2: Floor (cement) - 331

T3: Floor (cement) - 441

8.03.04

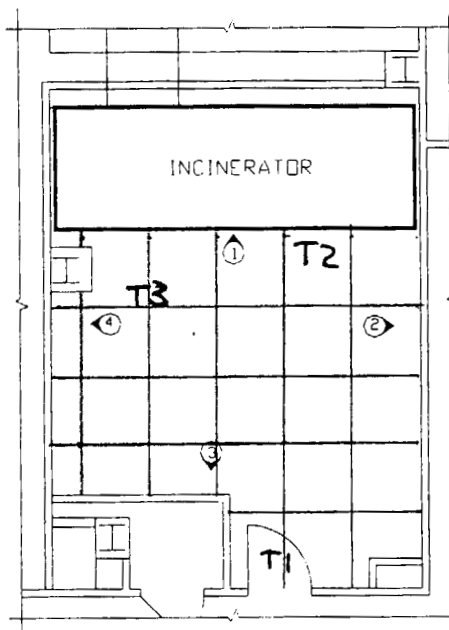
AC



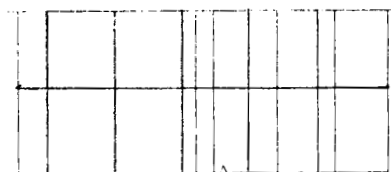
① ELEVATION



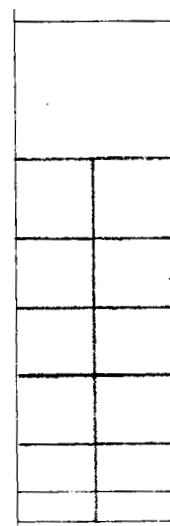
④ ELEVATION



ROOM 1SB16

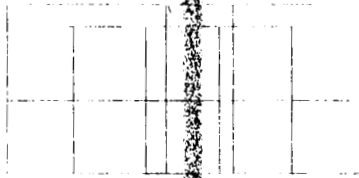


③ ELEVATION

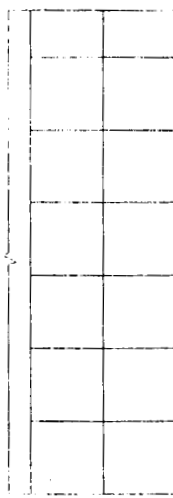


② ELEVATION

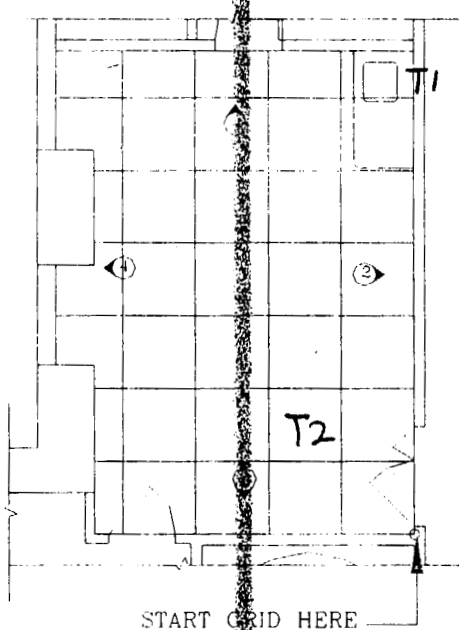
Tritium Readings
 T₁: Floor (concrete) - 419
 T₂: Floor (concrete) - 381
 T₃: Floor (concrete) - 375



① ELEVATION

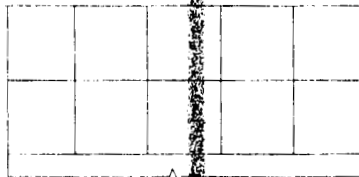


④ ELEVATION



START GRID HERE

ROOM 254



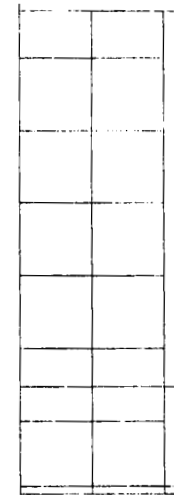
③ ELEVATION

T1: Sink - 340

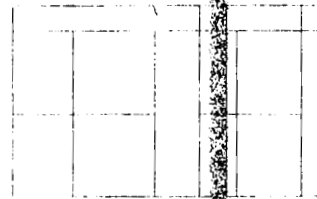
T2: floor (Vinyl tile) - 271

89.04

AC



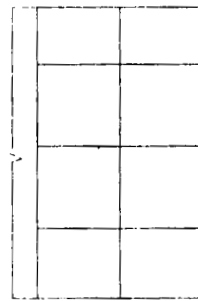
② ELEVATION



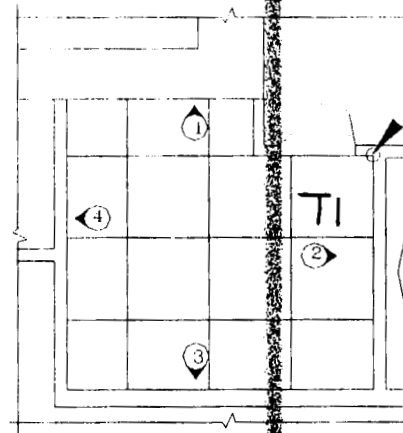
(1) ELEVATION

T1; floor (vinyl tile) - 280

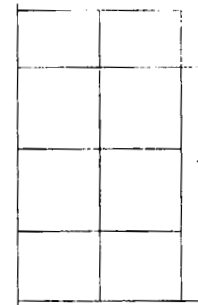
8.9.04
AC



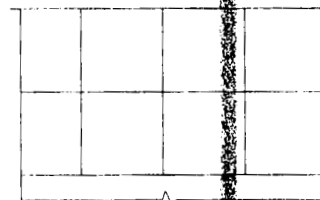
(4) ELEVATION



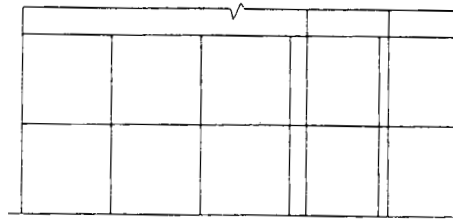
ROOM 254A



(2) ELEVATION



(3) ELEVATION



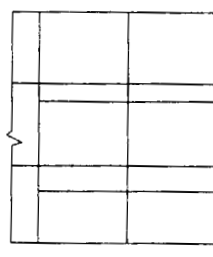
① ELEVATION

Tritium Readings
T1: Floor (Vinyl Tile) - 279

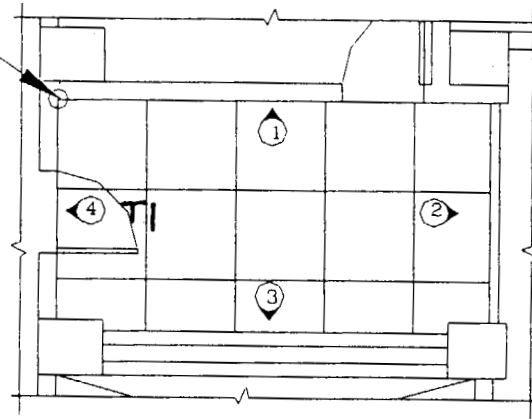
8.9.04

AC

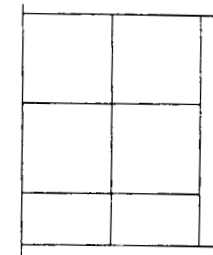
START GRID HERE



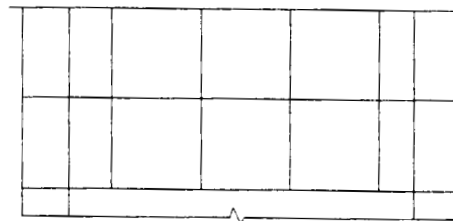
④ ELEVATION



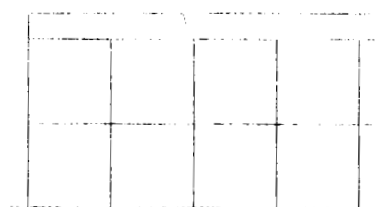
ROOM 255



② ELEVATION



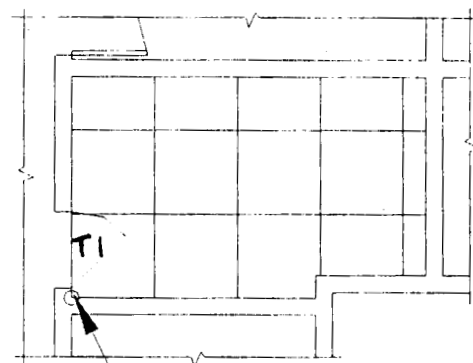
③ ELEVATION



(1) ELEVATION

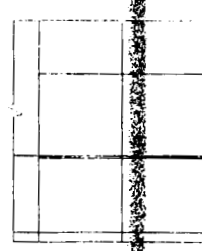
Tritium Readings
 T1: Floor (Vinyl Tile) - 316

8.9.04
 AC

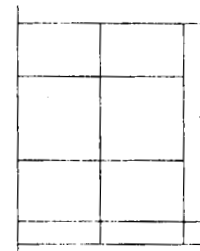


START GRID HERE

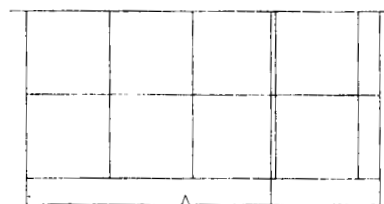
ROOM 256



(4) ELEVATION



(2) ELEVATION

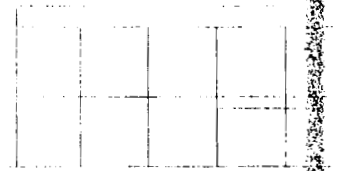


(3) ELEVATION

T1: floor (vinyl tile) - 228

T2: sink - 292

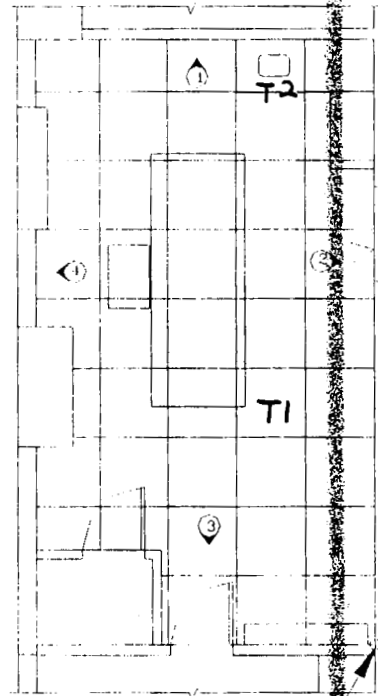
8.9.04
AC



1) ELEVATION

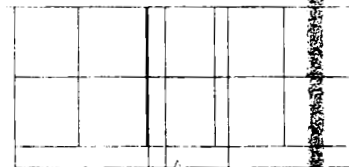


4) ELEVATION



START GRID HERE --

ROOM 257



3) ELEVATION

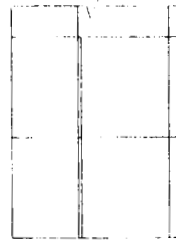


2) ELEVATION

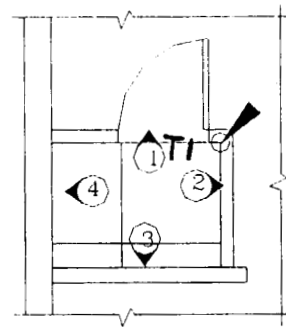
T1: floor (vinyl tile) - 374

8.9.04

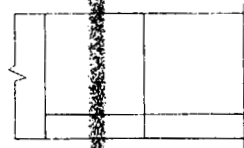
AC



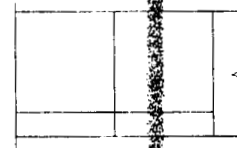
① ELEVATION



— START GRID HERE



④ ELEVATION



② ELEVATION

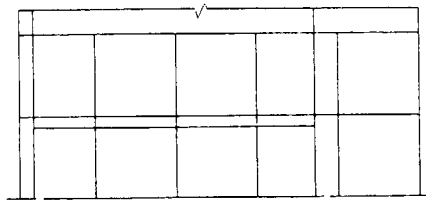
ROOM 257A



③ ELEVATION

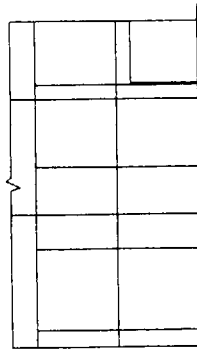
Tritium Readings
 T₁: Sink (stainless) - 257
 T₂: Floor (Vinyl Tile) - 281

8.9.04
 AC

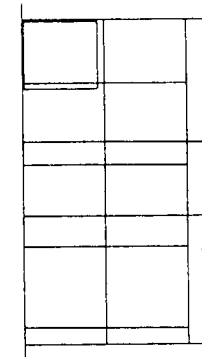
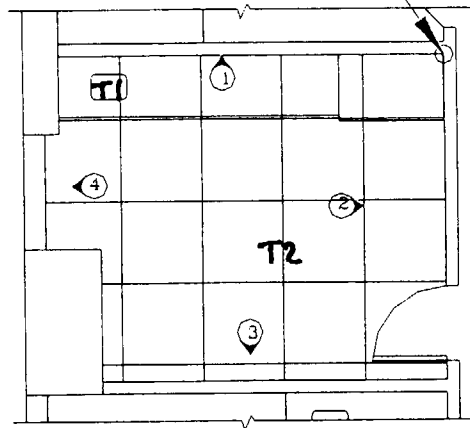


① ELEVATION

START GRID HERE

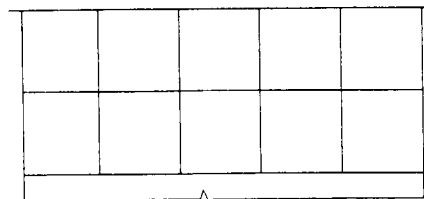


④ ELEVATION

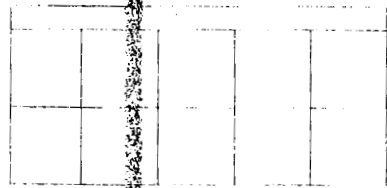


② ELEVATION

ROOM 258



③ ELEVATION



① ELEVATION

Tritium Readings

T₁: Sink (Stainless) - 281

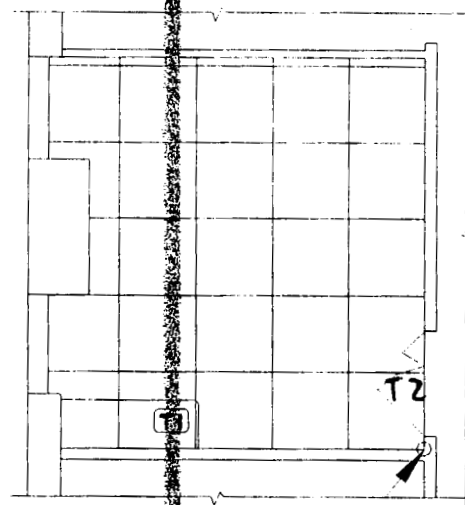
T₂: Floor (Viny Tile) - 132

8.9.04

AE

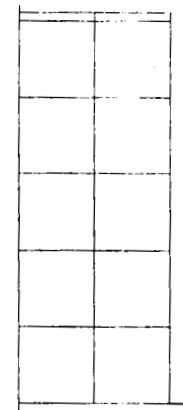


④ ELEVATION

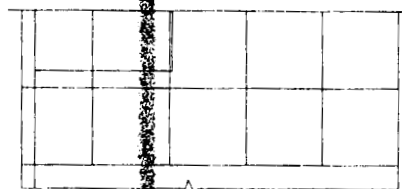


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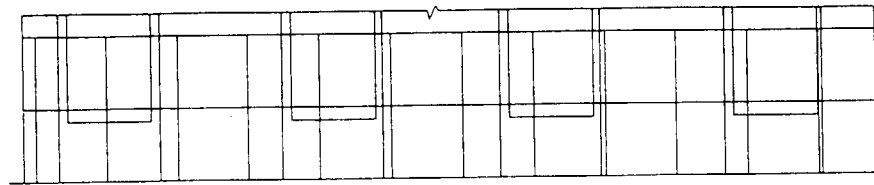
ROOM 260



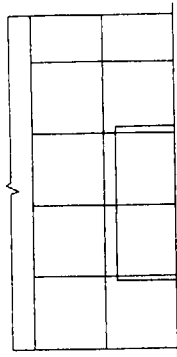
② ELEVATION



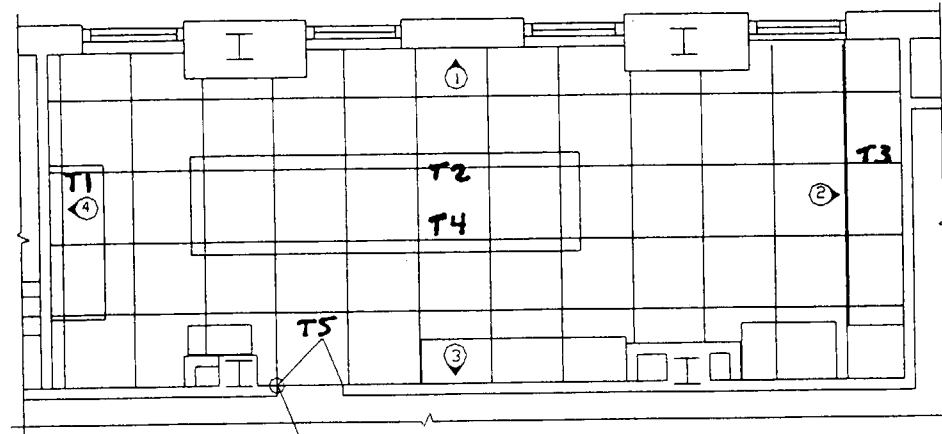
③ ELEVATION



① ELEVATION

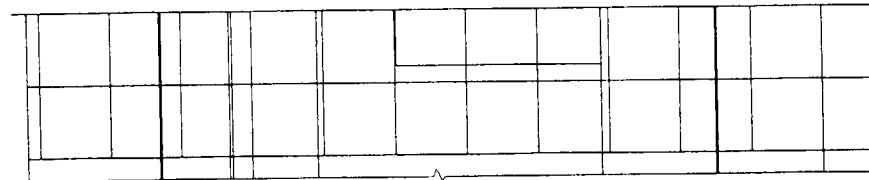


④ ELEVATION

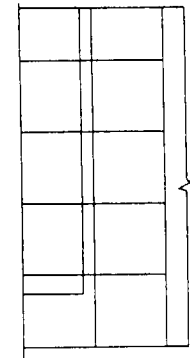


START GRID HERE

ROOM 716D



③ ELEVATION



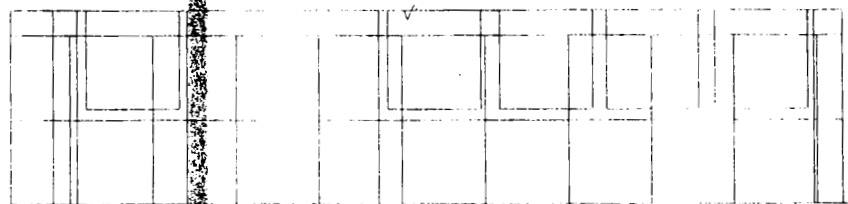
② ELEVATION

Tritium Readings

- T₁: Sink (Synthetic Stone) - 281
- T₂: Sink (Synthetic Stone) - 329
- T₃: Sink (Synthetic Stone) - 297
- T₄: Sink (Synthetic Stone) - 282
- T₅: Floor (Vinyl Tile) - 186

8.2.04

Ac

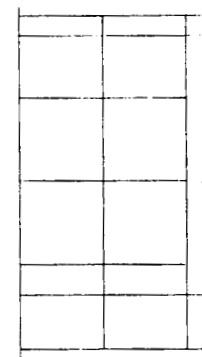


① ELEVATION

Tritium Readings

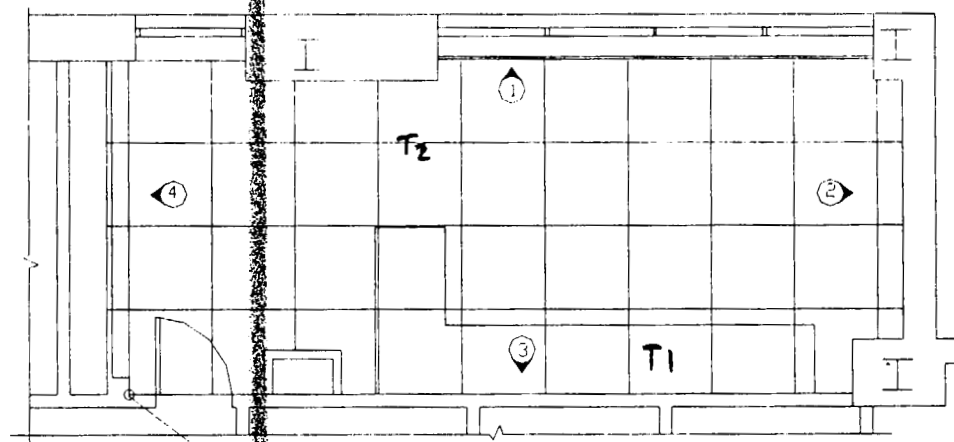
T₁: Sink (stone) - 295

T₂: Floor (Vinyl Tile) - 280



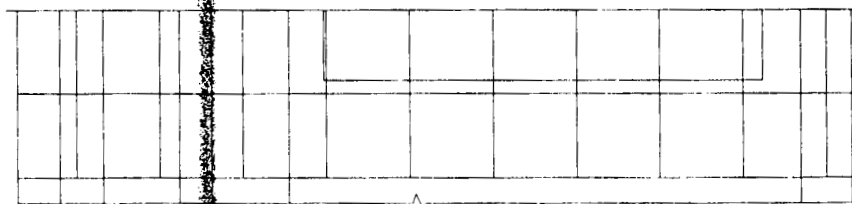
② ELEVATION

8.3.04
AE



ROOM 718

START GRID HERE



③ ELEVATION



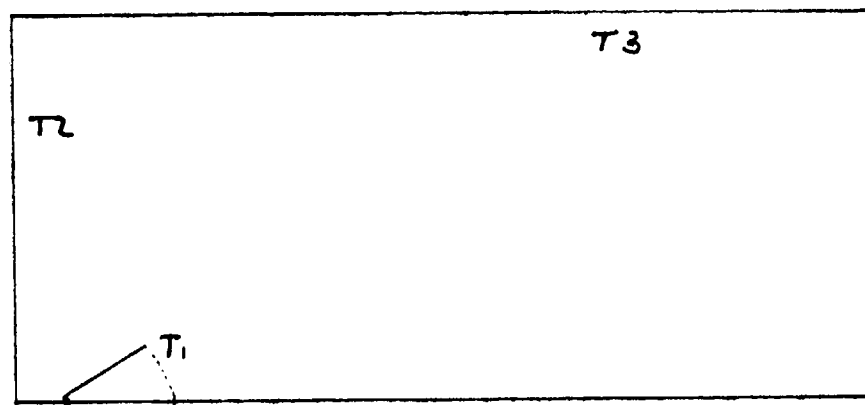
④ ELEVATION

Tritium Readings

T₁: Floor (Vinyl Tile) - 249

T₂: Bench Top (Synthetic Stone) - 311

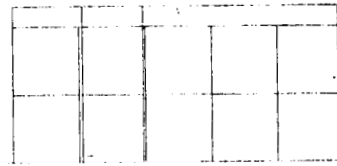
T₃: Bench Top (Stone) - 325



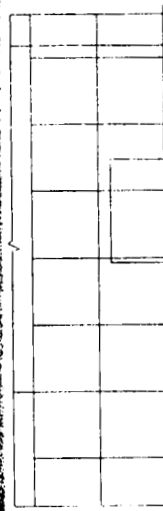
Room 732

8.2.04

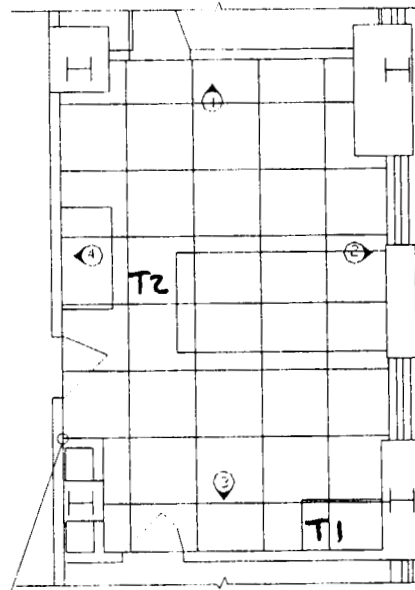
AC



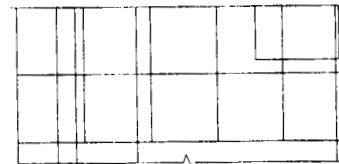
(1) ELEVATION



(2) ELEVATION



ROOM 734



(3) ELEVATION

Tritium Readings

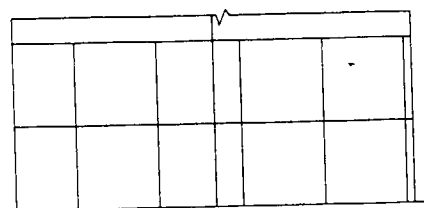
T₁: Sink (stone) - 333

T₂: Floor (Vinyl Tile) - 201

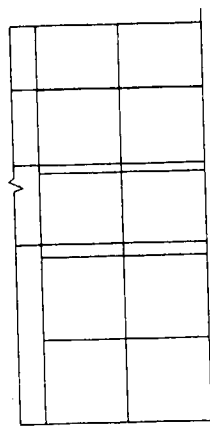


(4) ELEVATION

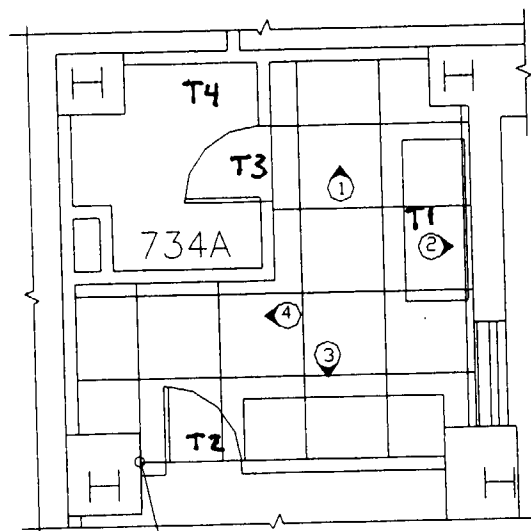
8.3.02
AC



① ELEVATION

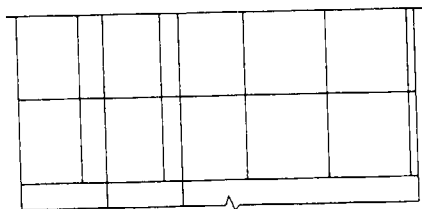


④ ELEVATION

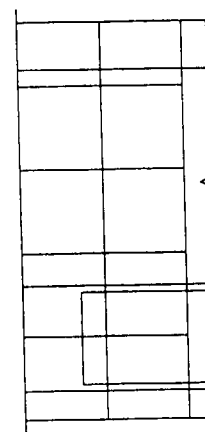


ROOM 734-1

START GRID HERE



③ ELEVATION



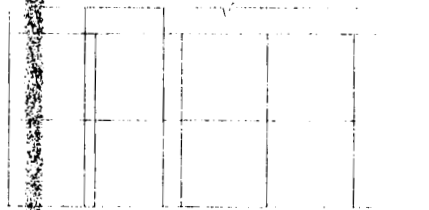
② ELEVATION

Tritium Readings

- T₁: Hood (stainless) - 309
- T₂: Floor (Vinyl Tile) - 216
- T₃: Floor (Vinyl Tile) - 267
- T₄: Sink (stone) - 221

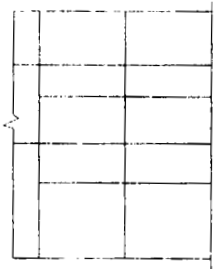
8.3.04

AP

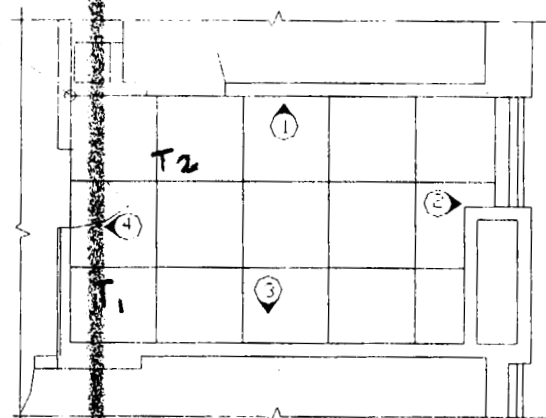


(1) ELEVATION

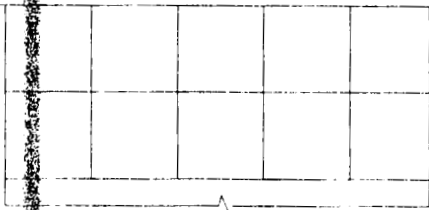
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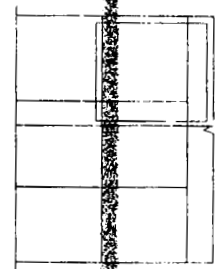
(4) ELEVATION



ROOM 735



(3) ELEVATION



(2) ELEVATION

Tritium Readings

T1: Sink (Porcelain) - 611

T2: Floor (Vinyl Tile) - 23

8.2.04

Ac

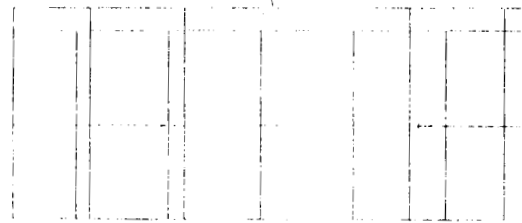
Tritium Readings

T₁: Sink - 142

T₂: Sink - 364

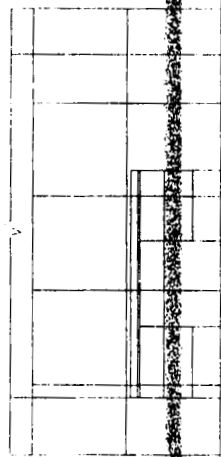
T₃: Floor - 240

7.28.04: AC

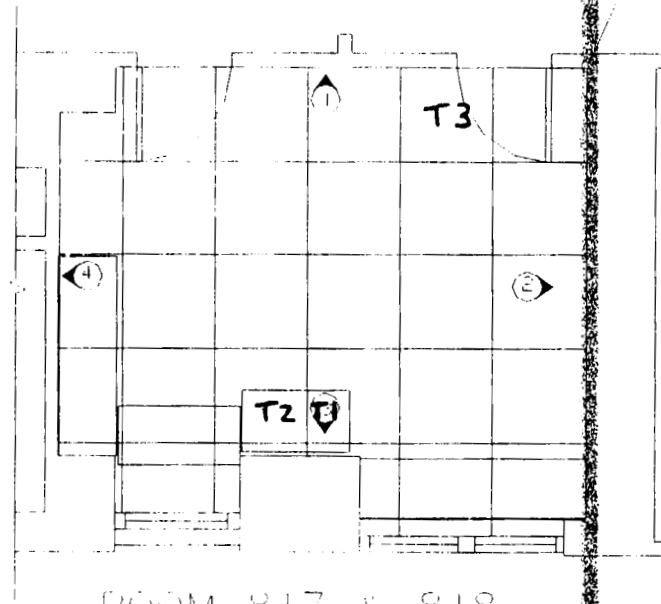


(1) ELEVATION

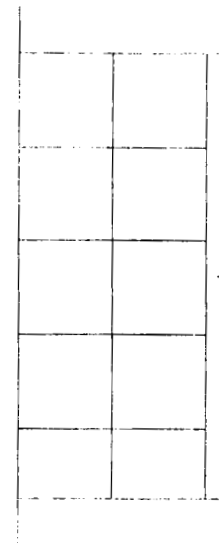
TAPE GRID HERE



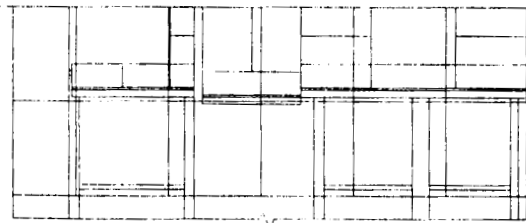
(4) ELEVATION



ROOM 817 & 818



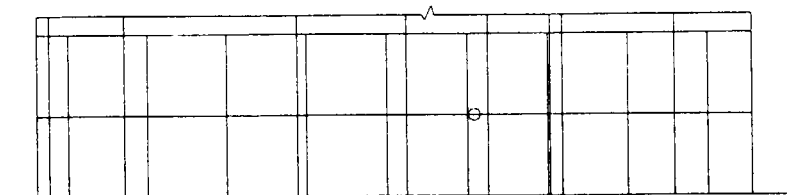
(2) ELEVATION



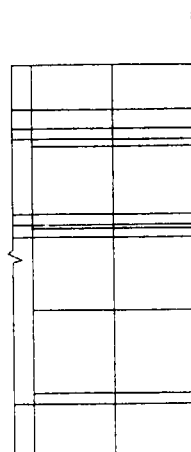
(3) ELEVATION

Tritium Readings
 T₁: Floor (Vinyl Tile) - 239
 T₂: Floor (Vinyl Tile) - 267

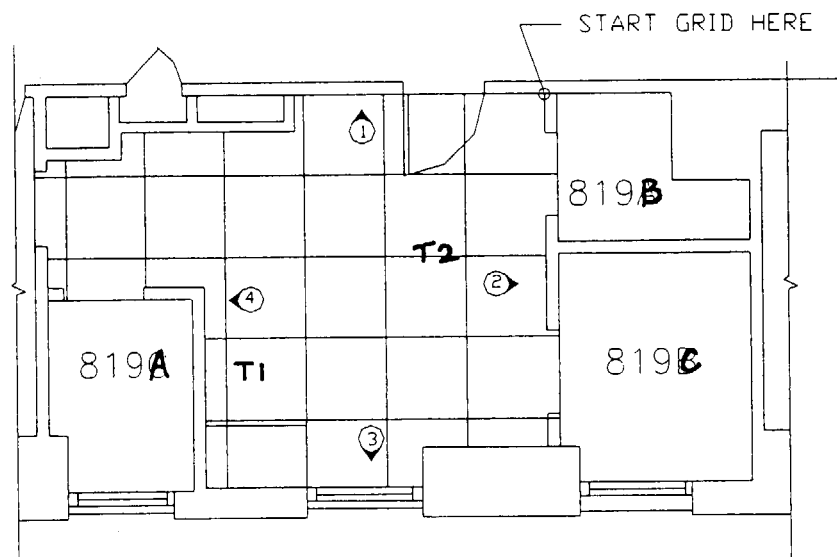
7.30.04
 AC



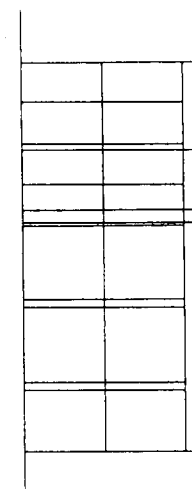
① ELEVATION



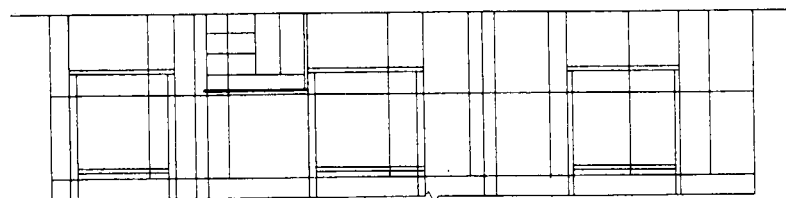
④ ELEVATION



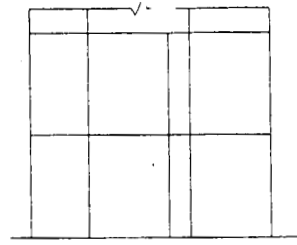
ROOM 819



② ELEVATION



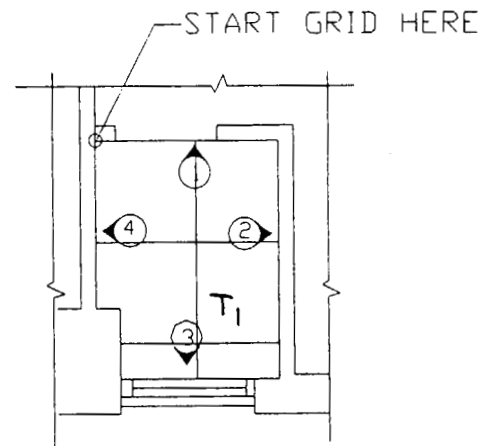
③ ELEVATION



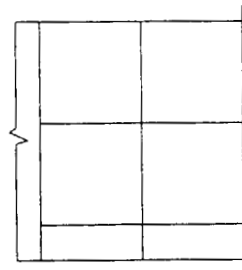
① ELEVATION

Tritium Readings
Ti Floor (Vinyl Tile) - 308

7.30.04
AC

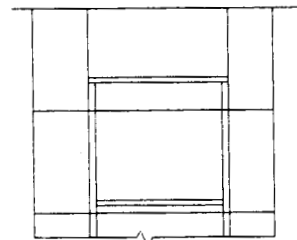


② ELEVATION

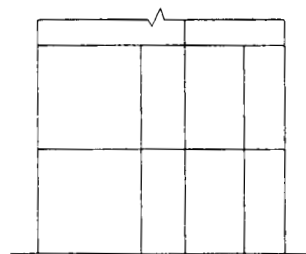


④ ELEVATION

ROOM 819A



③ ELEVATION



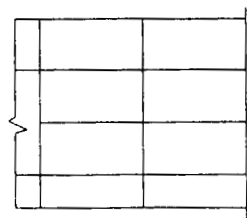
① ELEVATION

Tritium Readings

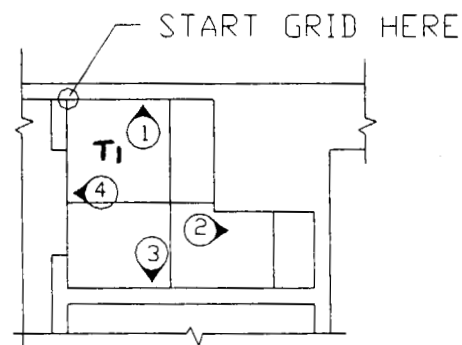
T₁: Bench Top (Synthetic Stone) - 353

7.30.04

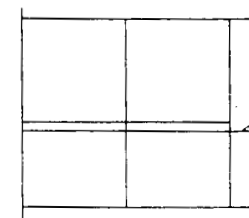
Ac



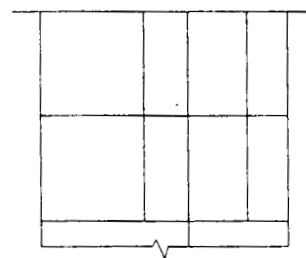
④ ELEVATION



ROOM 819B



② ELEVATION

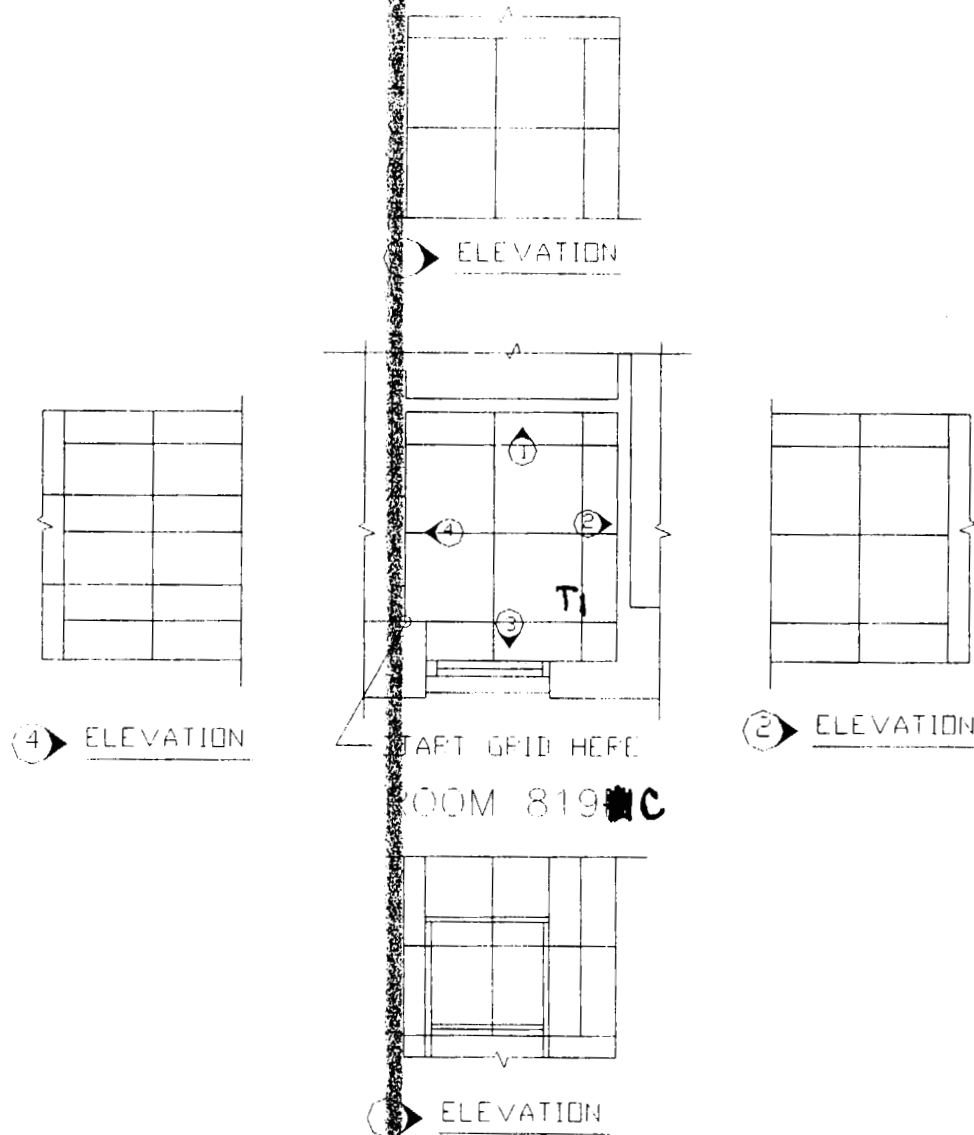


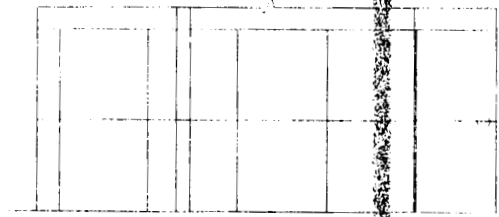
③ ELEVATION

Tritium Readings

T₁: Floor (Vinyl Tile) -257

7.30.04 AC

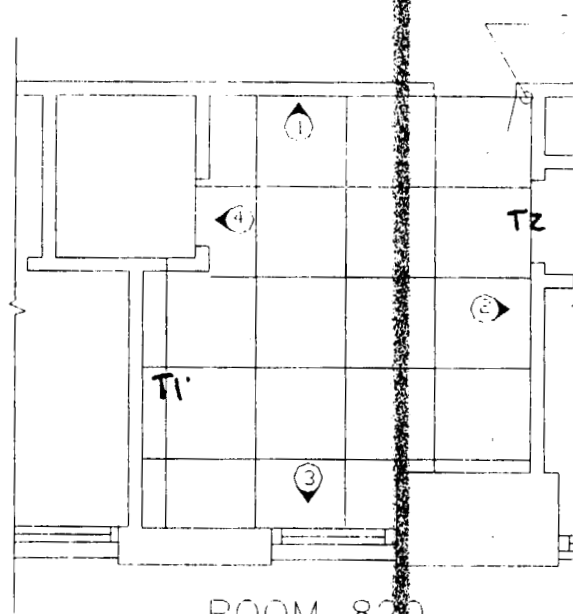




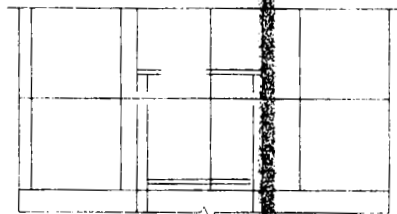
(1) ELEVATION



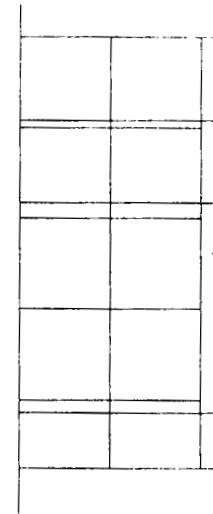
(4) ELEVATION



ROOM 820



(3) ELEVATION



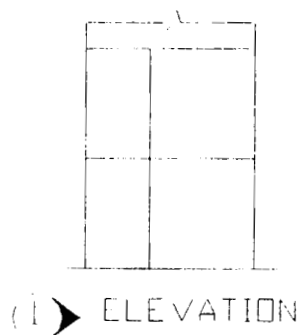
(2) ELEVATION

Tridium Readings

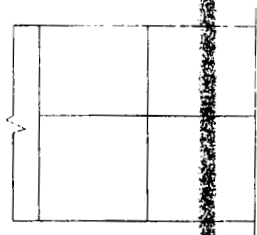
T₁: Bench Top (Synthetic Stone)
349

T₂: Floor (Vinyl Tile) - 351

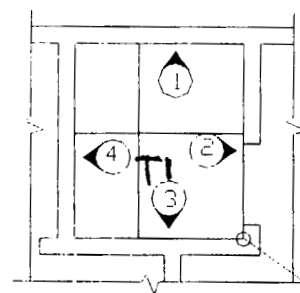
7.30.01 AC



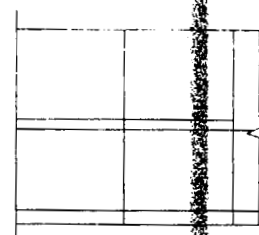
(1) ELEVATION



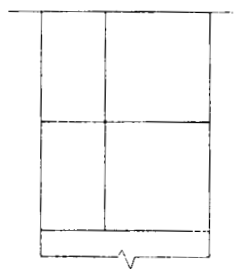
(4) ELEVATION



START GRID HERE
ROOM 820A



(2) ELEVATION

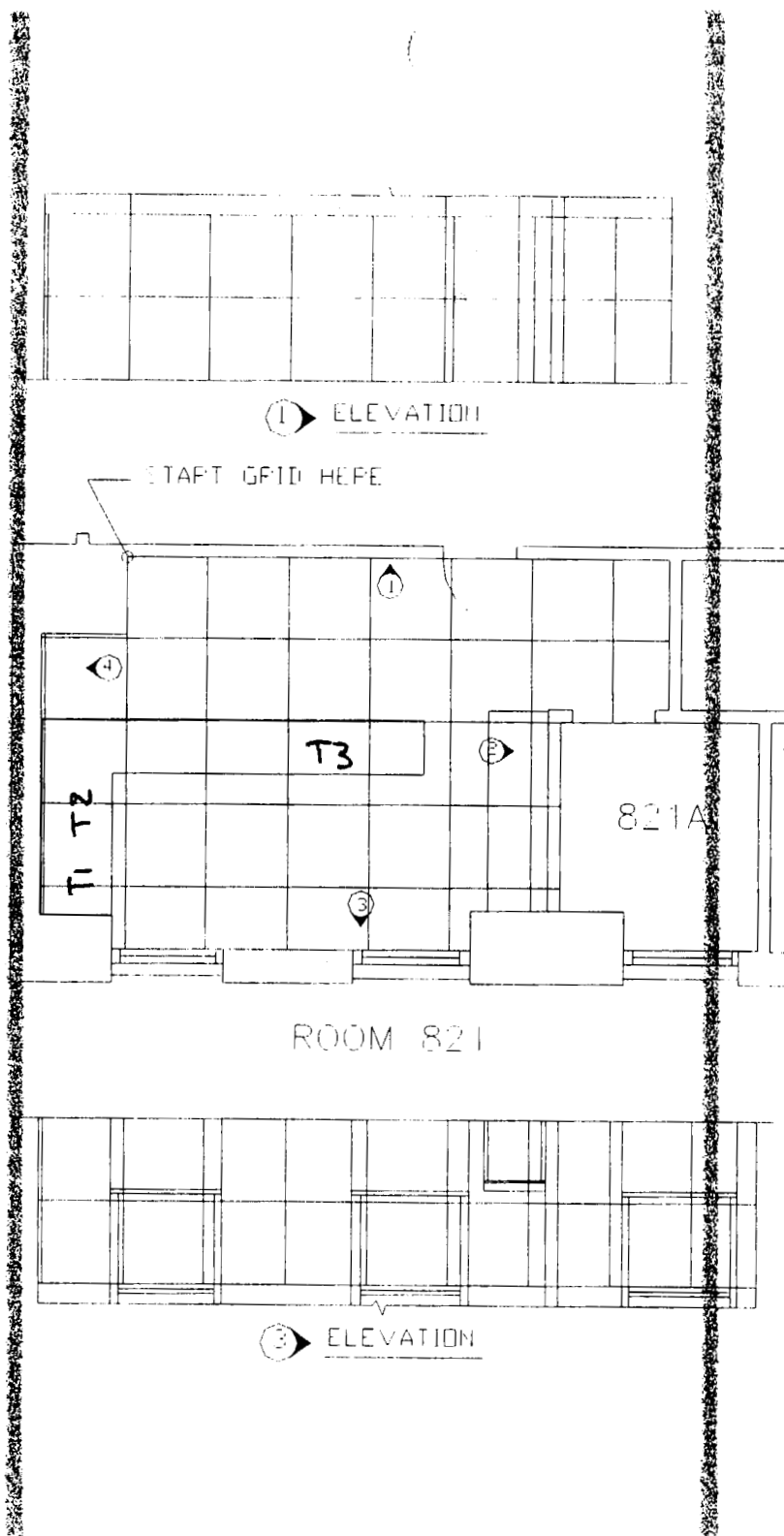
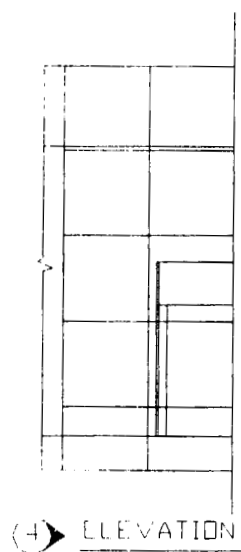


(3) ELEVATION

Tritium Readings

T₁: Floor (Vinyl Tile) - 350

7.30.04 AC



Tritium Readings

T₁: Sink surface (stone) - 336

T₂: " " - 326

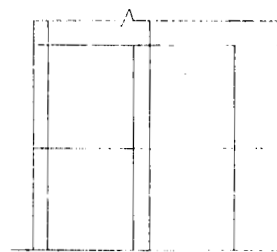
T₃: Bench Top (stone) - 239

7.30.04: AC

Tritium Readings

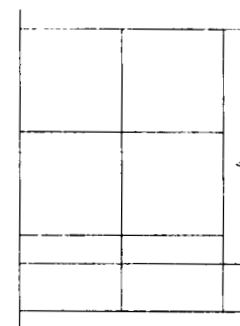
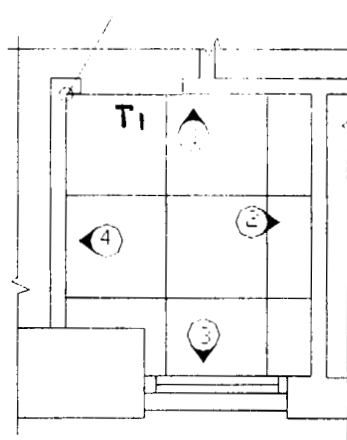
T₁: Floor (Vinyl Tile) - 271

7.30.04 : AC

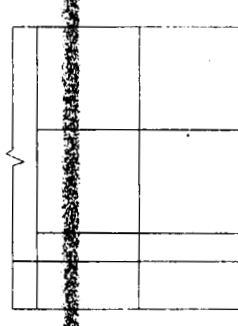


① ELEVATION

START GRID HERE

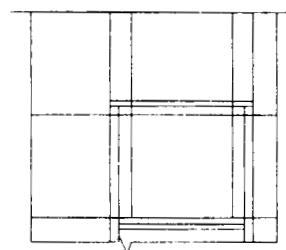


② ELEVATION

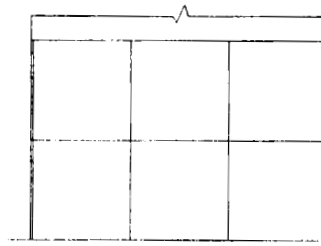


④ ELEVATION

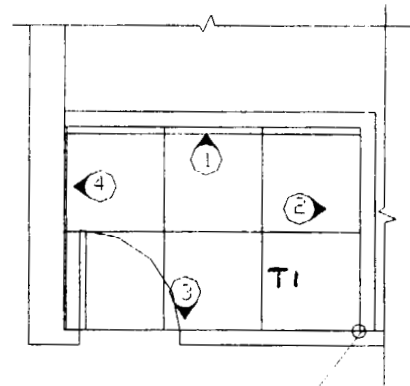
ROOM 821A



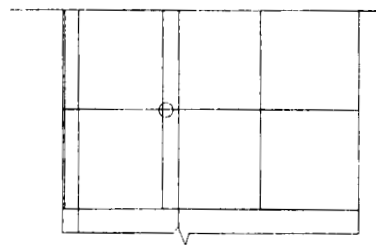
③ ELEVATION



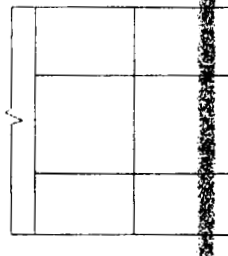
① ELEVATION



ROOM 822



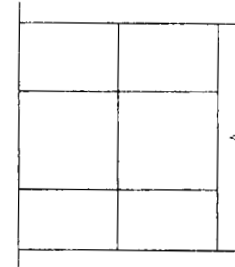
③ ELEVATION



④ ELEVATION

Tritium Readings
T₁: Floor (Vinyl Tile) ~ 257

7.30.04 AC



② ELEVATION

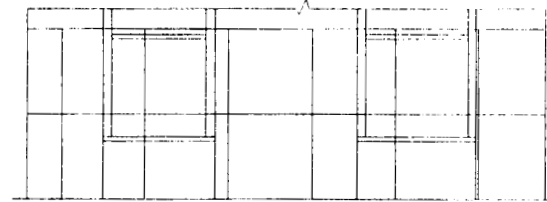
Tritium Readings

T₁: Sink - 324

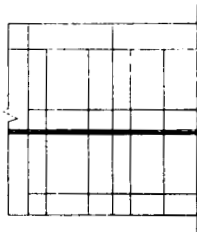
T₂: Sink - 274

7.28.04: AC

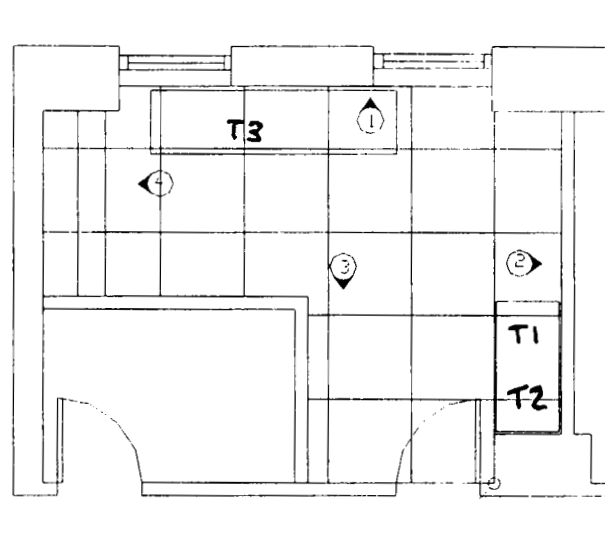
T₃: Bench Top - 361
(Synth. Stone)
7.30.04: AC



① ELEVATION

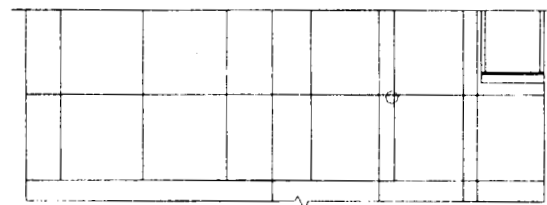


④ ELEVATION

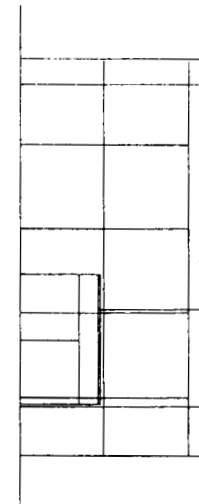


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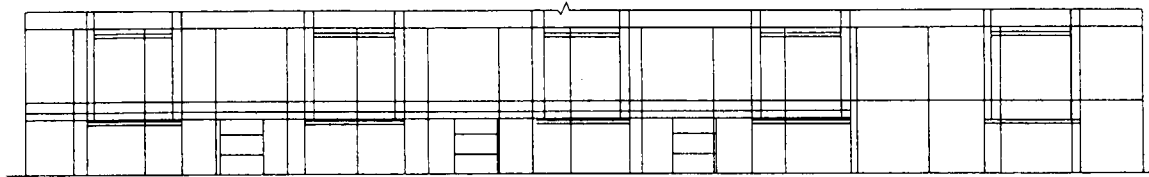
ROOM 823



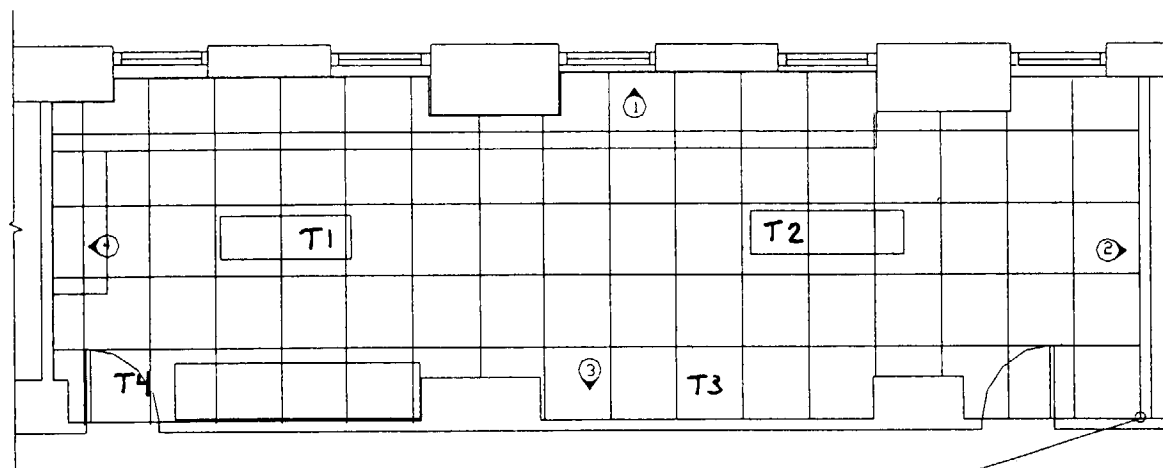
③ ELEVATION



② ELEVATION

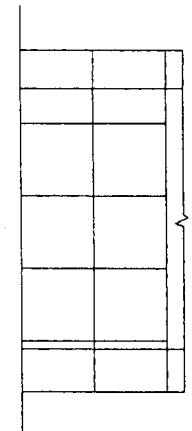


① ELEVATION

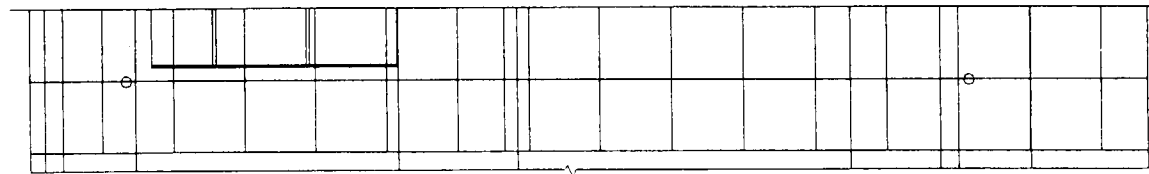


ROOM 824

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② ELEVATION

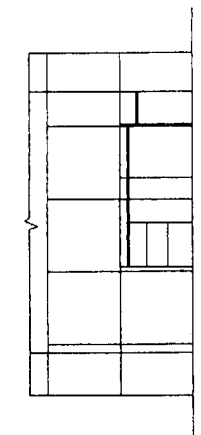


③ ELEVATION

Tritium Readings

- T₁: Sink Surface (Synthetic Stone) - 296
- T₂: Sink Surface (Synthetic Stone) - 253
- T₃: Bench Top (Synthetic Stone) - 236
- T₄: Floor (Vinyl Tile) - 217

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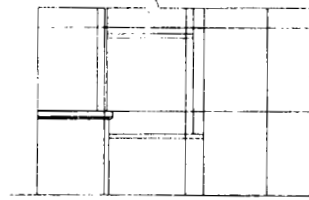
④ ELEVATION

Tritium Readings

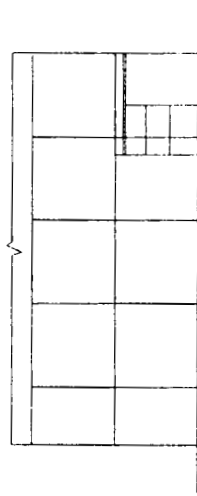
$T_1: \text{Sink} - 272$

T₂: Bench Top - 206

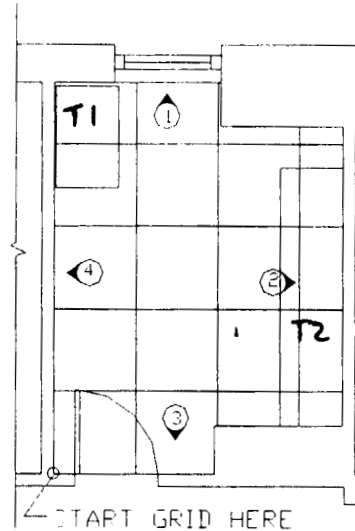
7.28.04: AC



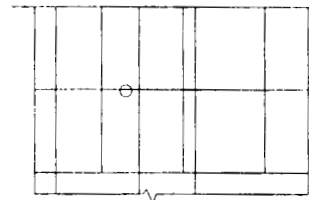
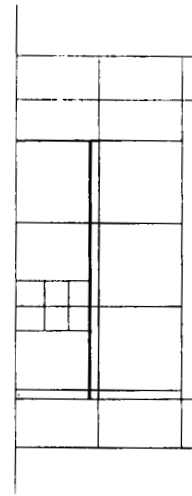
ELEVATION



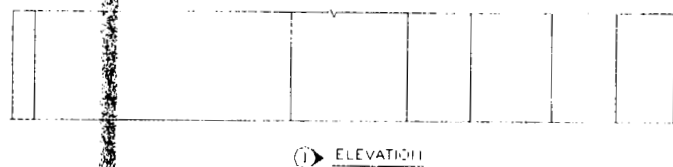
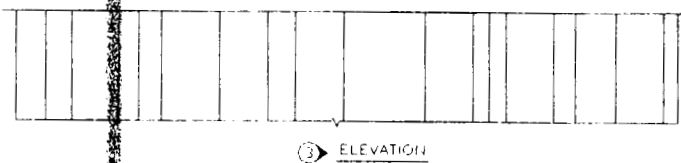
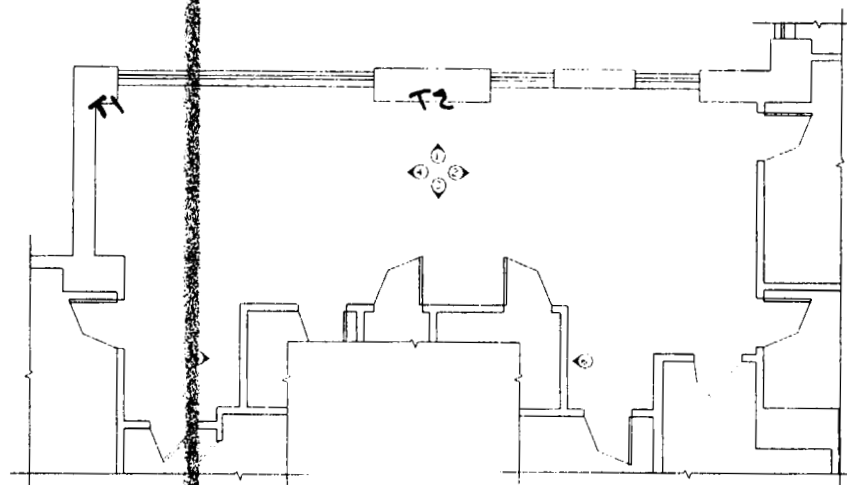
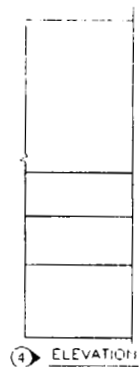
④ ELEVATION



ROOM 825

 ELEVATION

2 ELEVATION



Testium Readings

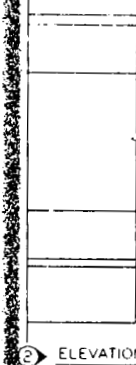
T₁: Wall (Grey Tile) - 283

T₂: Wall (Grey Tile) 272

*Wall readings taken @ 1m

7.30.04

AC

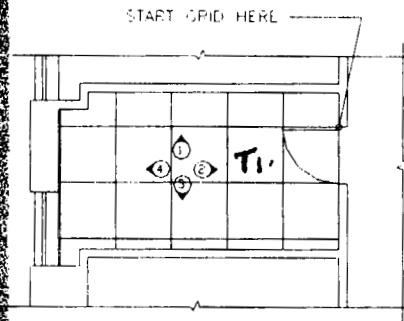




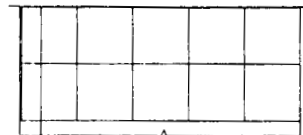
(1) ELEVATION



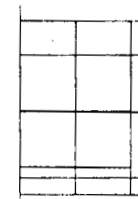
(4) ELEVATION



ROOM 829B



(3) ELEVATION

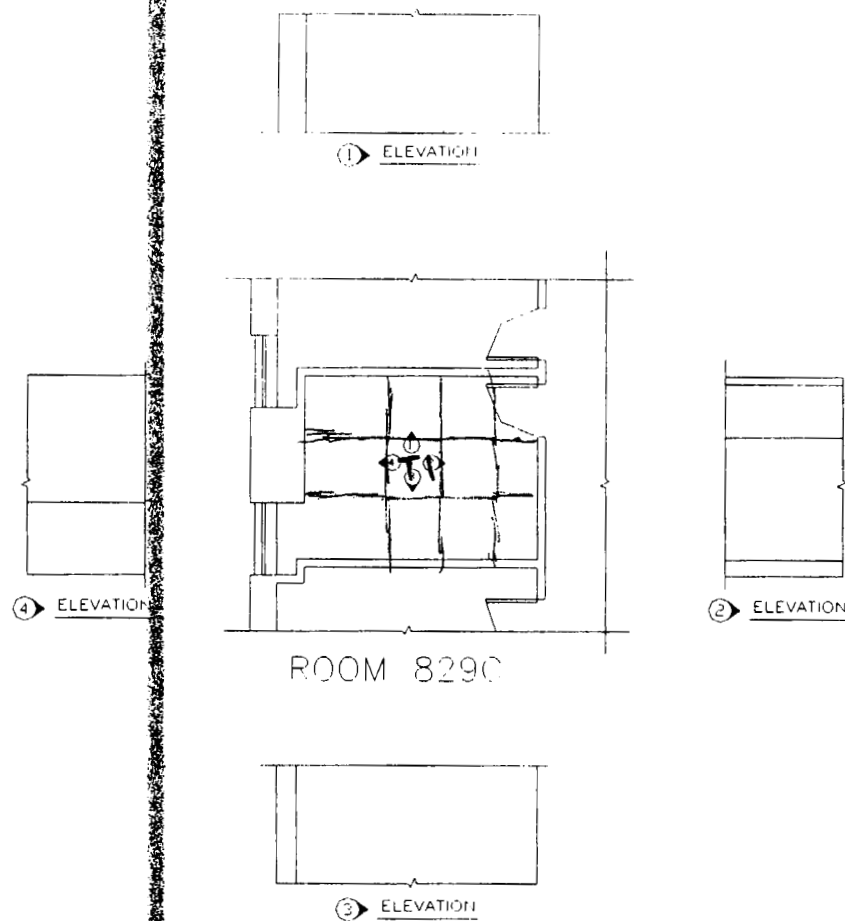


(2) ELEVATION

Tritium Readings

Ti: Floor (Red Tile) - 185

7.30.04 AC



Tritium Readings
T₁: Floor (Red Tile) - 205

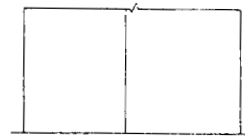
7.30.04 Ae

Tritium Readings

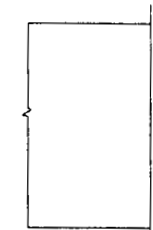
T1: Sink (stone) - 474

T2: Floor (concrete) - 336

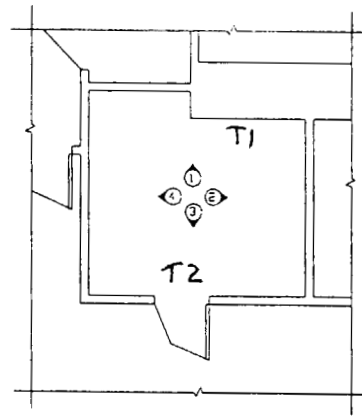
8.2.04 Ac



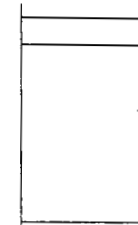
① ELEVATION



④ ELEVATION



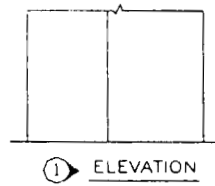
ROOM 839



② ELEVATION

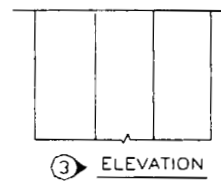
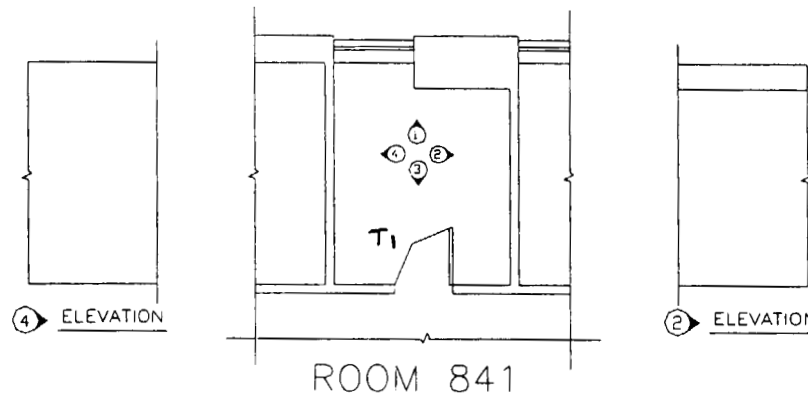


③ ELEVATION



Tritium Readings
T₁: Floor (Vinyl Tile) - 132

7.30.04
AL

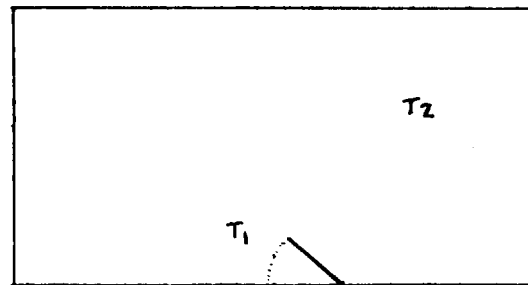


Tritium Readings

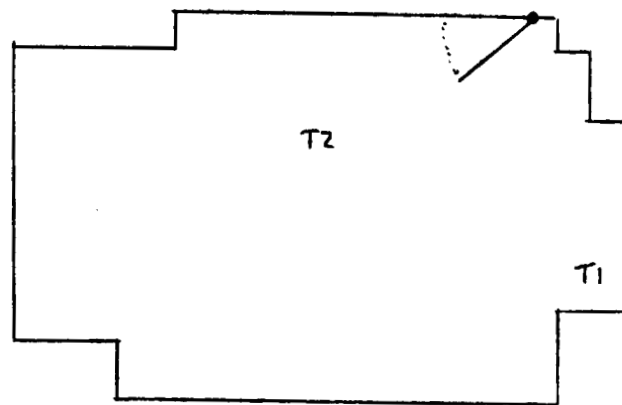
T_1 : Floor (Vinyl Tile) - 152

T_2 : Floor (Vinyl Tile) - 119

7.30.04
AC



842



Tritium Readings
T₁: Sink Surface (stainless) - 122
T₂: Floor (Vinyl Tile) - 124

7.30.04
AC

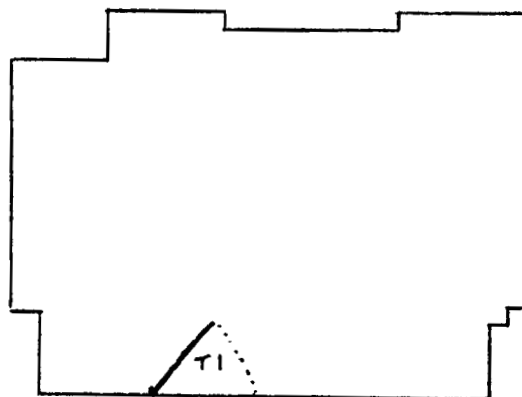
845

Tritium Readings

Ti: Floor (Vinyl Tile) - 96

7. 30. 04

AC



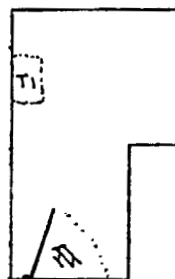
848

Tritium Readings

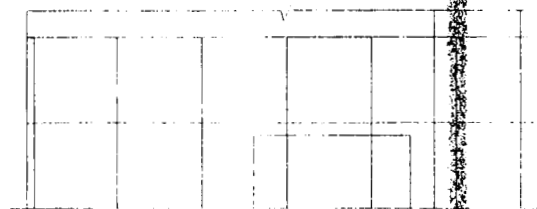
Ti: Sink Surface (Porcelain) - 145

7.30.04

AC

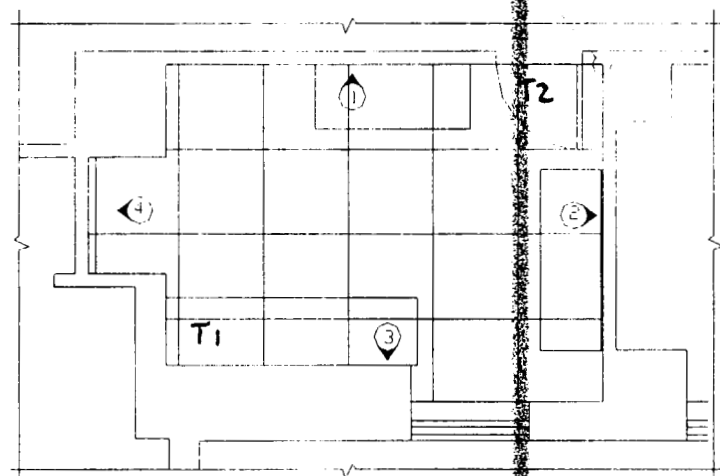


850

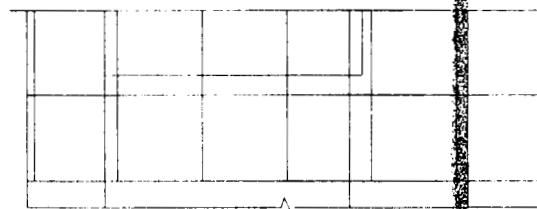


(1) ELEVATION

TAFT UP HERE



ROOM 803

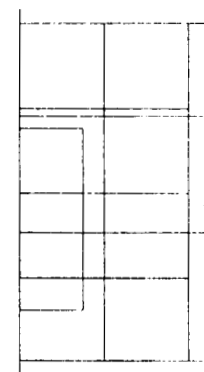


(3) ELEVATION

Tritium Readings

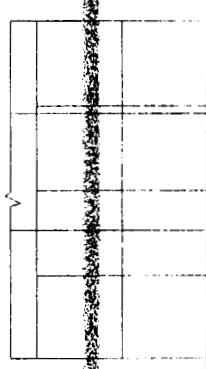
T₁: Sink Surface (Stone) - 309

T₂: Floor (Vinyl Tile) - 290

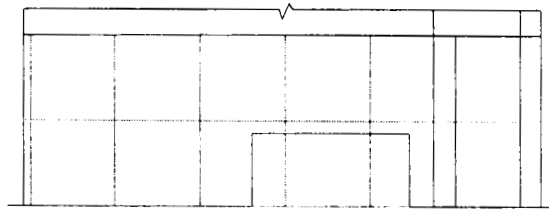


(2) ELEVATION

7.30.04 AC

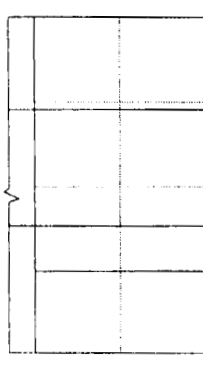


(4) ELEVATION

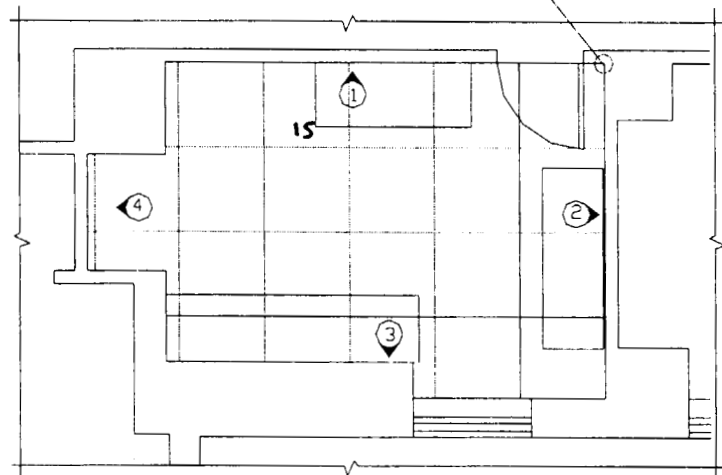


① ELEVATION

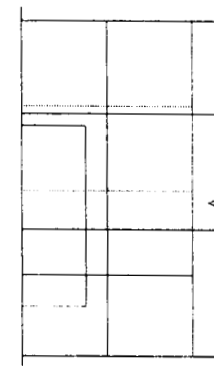
START GRID HERE



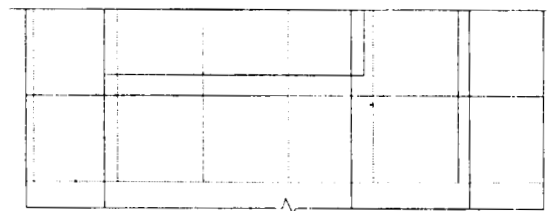
④ ELEVATION



ROOM 803



② ELEVATION

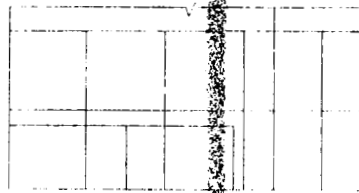


③ ELEVATION

Post-Decontamination Tritium Reading

15 = 247

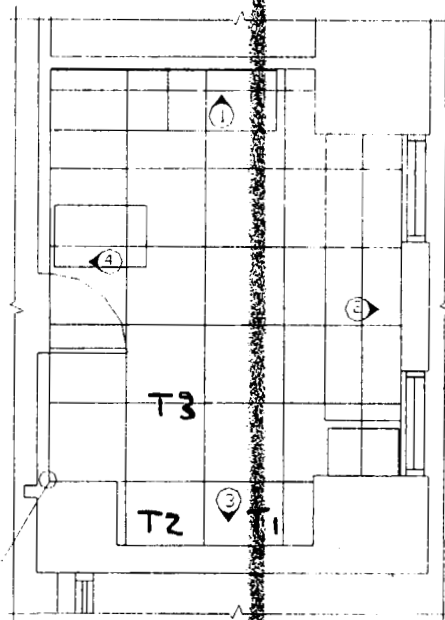
9.2.04 Ae



① ELEVATION

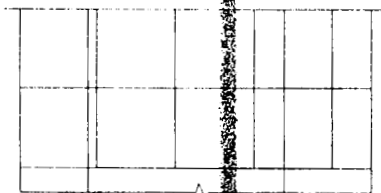


④ ELEVATION

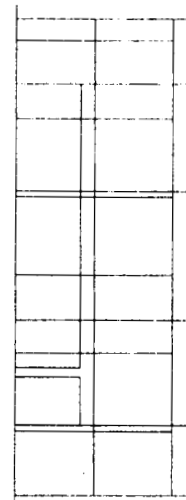


ROOM 809

START GRID HERE



⑤ ELEVATION



② ELEVATION

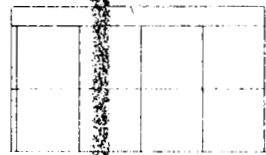
Tritium Readings

T₁: Sink (stone) - 264

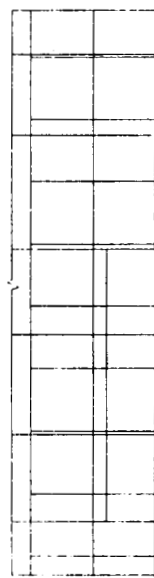
T₂: H₂O (stone) - 193

T₃: Floor (Vinyl Tile) - 297

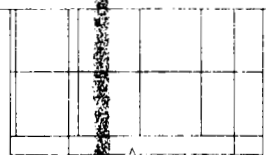
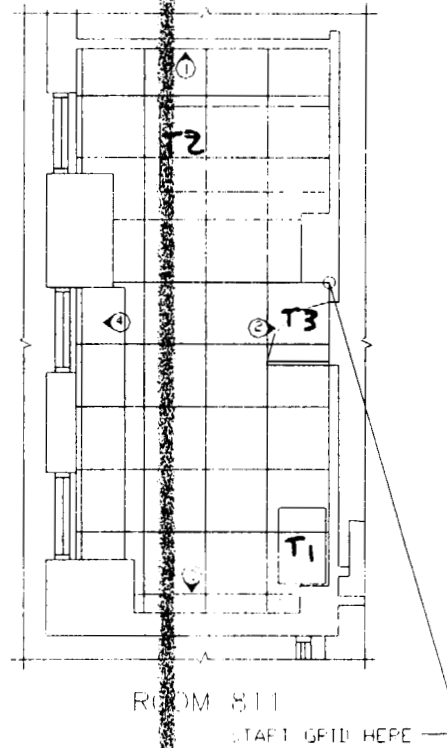
7.30.04 AC



① ELEVATION



④ ELEVATION



⑤ ELEVATION



③ ELEVATION

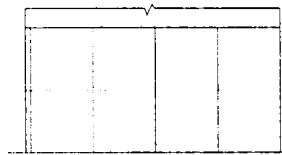
Tritium Readings

T₁: Hood (Formica) - 239

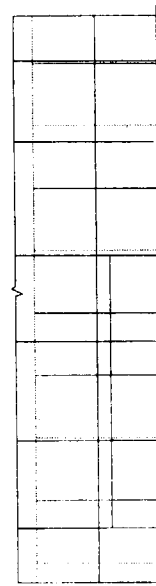
T₂: Sink (stone) - 305

T₃: Floor (Vinyl Tile) - 237

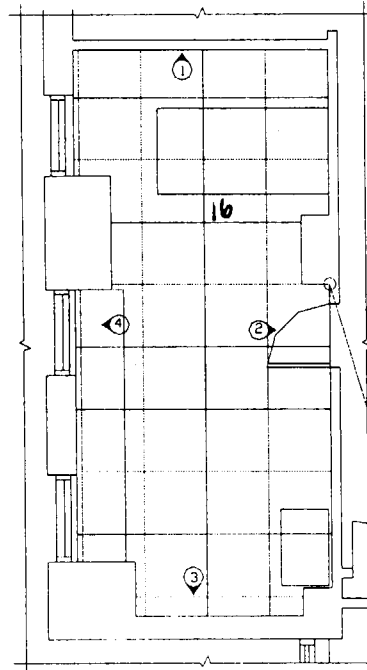
7-30-04 AC



① ELEVATION

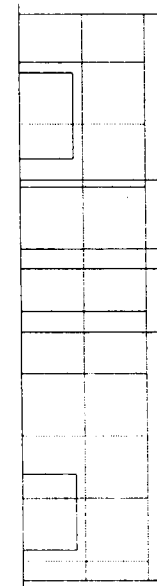


④ ELEVATION

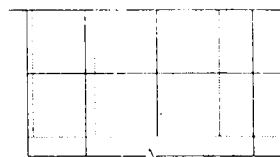


ROOM 811

START GRID HERE



② ELEVATION



③ ELEVATION

Post-Decontamination Tritium Readings

16 = 752

9.2.04 Ae

Rms 817/818, 819, 819A, 819B, 819C Lakeside Hosp

Protocol #:25 Name:Decommissioning 03-May-2004 11:54
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 me = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 223212 Nuclide 2 = 130300
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|------------|
| 1 | 10.00 | 7.64 | | 9.41 | | 11.00 | 55.045 | 608. | 10 | B86 |
| 2 | 3.00 | 16606.6 | 0.00 | 115288. | 136818. | 502.87 | 162.14 | 1004 | 0 | E |
| 3 | 3.00 | 105635. | 170090. | 8516.23 | 887.05 | 0.00 | 20.020 | 997. | 0 | E |
| 4 | 3.00 | 0.39 | 0.64 | 0.00 | 0.00 | 0.00 | 0.000 | 998. | 20 | E |
| (1 missing vial) | | | | | | | | | | |
| 6 | 3.00 | 0.00 | 0.00 | 2.25 | 2.74 | 0.00 | 112.72 | 582. | 741 | 817/818 |
| 7 | 3.00 | 2.96 | 5.33 | 2.33 | 2.47 | 0.00 | 59.306 | 583. | 16 | |
| 8 | 3.00 | 0.00 | 0.00 | 0.59 | 0.71 | 0.00 | 0.000 | 589. | 25 | |
| 9 | 3.00 | 0.00 | 0.00 | 0.25 | 0.31 | 0.00 | 0.000 | 593. | 24 | |
| 10 | 3.00 | 0.01 | 0.00 | 3.41 | 4.15 | 0.00 | 147.22 | 581. | 25 | |
| 11 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 26 | |
| 12 | 3.00 | 1.09 | 1.73 | 1.64 | 1.86 | 0.00 | 5.693 | 590. | 13 | |
| 13 | 3.00 | 0.00 | 0.00 | 2.95 | 3.59 | 0.00 | 68.593 | 590. | 14 | |
| 14 | 3.00 | 0.67 | 1.35 | 0.00 | 0.00 | 0.00 | 74.640 | 587. | 21 | |
| 15 | 3.00 | 3.70 | 7.05 | 1.25 | 1.08 | 0.00 | 49.773 | 597. | 17. | |
| 16 | 3.00 | 0.00 | 0.00 | 0.34 | 0.42 | 0.00 | 0.000 | 580. | 22 | |
| 17 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 147.20 | 587. | 26 | |
| 18 | 3.00 | 1.56 | 3.11 | 0.00 | 0.00 | 0.00 | 71.745 | 600. | 26 | |
| 19 | 3.00 | 0.00 | 0.00 | 0.60 | 0.73 | 0.00 | 647.46 | 593. | 33 | |
| 20 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 29 | |
| 21 | 3.00 | 0.00 | 0.00 | 2.97 | 3.62 | 0.00 | 79.698 | 591. | 23 | |
| 22 | 3.00 | 1.14 | 1.94 | 1.25 | 1.39 | 0.00 | 36.976 | 596. | 27 | |
| 23 | 3.00 | 0.00 | 0.00 | 0.35 | 0.42 | 0.00 | 0.000 | 579. | 32 | |
| 24 | 3.00 | 0.00 | 0.00 | 1.59 | 1.94 | 0.00 | 24.312 | 581. | 31 | |
| 25 | 3.00 | 2.08 | 4.12 | 0.31 | 0.13 | 0.00 | 48.820 | 585. | 13. | |
| 26 | 3.00 | 4.31 | 8.63 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 20 | |
| 27 | 3.00 | 1.54 | 3.10 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 26 | |
| 28 | 3.00 | 5.22 | 10.25 | 1.04 | 0.63 | 0.00 | 0.000 | 584. | 17 | |
| 29 | 3.00 | 0.88 | 1.56 | 0.81 | 0.87 | 0.00 | 101.46 | 579. | 21 | |
| 30 | 3.00 | 4.75 | 9.66 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 15 | |
| 31 | 3.00 | 0.00 | 0.00 | 1.92 | 2.34 | 0.00 | 54353. | 582. | 41 | |
| 32 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 32 | |
| 33 | 3.00 | 0.00 | 0.00 | 0.97 | 1.18 | 0.00 | 100.78 | 586. | 35 | |
| 34 | 3.00 | 4.72 | 9.08 | 1.12 | 0.80 | 0.00 | 35.320 | 603. | 20 | |
| 35 | 3.00 | 0.00 | 0.00 | 3.56 | 4.33 | 0.00 | 130.72 | 602. | 31. | |
| 36 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 23 | |
| 37 | 3.00 | 0.00 | 0.00 | 0.65 | 0.79 | 0.00 | 92.427 | 585. | 32 | |
| 38 | 3.00 | 0.00 | 0.00 | 3.25 | 3.96 | 0.00 | 120.01 | 592. | 30 | |
| 39 | 3.00 | 0.48 | 0.94 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 29 | |
| 40 | 3.00 | 0.00 | 0.00 | 0.48 | 0.59 | 0.00 | 0.000 | 602. | 50 | |
| 41 | 3.00 | 2.95 | 5.44 | 1.59 | 1.57 | 0.00 | 18.632 | 600. | 20 | |
| 42 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 52 | |
| 43 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 | 0.000 | 600. | 43 | |
| 44 | 3.00 | 0.00 | 0.00 | 2.42 | 2.95 | 0.00 | 150.00 | 602. | 26 | |
| 45 | 3.00 | 2.60 | 4.21 | 3.57 | 4.03 | 0.00 | 126.31 | 596. | 20 | |
| 46 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 19 | Rm 817/818 |

#41

P1 of 6

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|------------------|------|------|-------|------|------|------|--------|------|-----|----------------|
| 47 | 3.00 | 0.00 | 0.00 | 1.87 | 2.27 | 0.00 | 1855.2 | 602. | 17 | Rm 817/818 #42 |
| 48 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 37 | |
| 49 | 3.00 | 0.00 | 0.00 | 0.98 | 1.20 | 0.00 | 0.000 | 556. | 26 | |
| 50 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 43 | |
| 51 | 3.00 | 0.00 | 0.00 | 0.65 | 0.79 | 0.00 | 0.000 | 589. | 37 | |
| 52 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 36 | |
| 53 | 3.00 | 0.00 | 0.00 | 0.59 | 0.71 | 0.00 | 585.84 | 601. | 45 | |
| 54 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 35 | |
| 55 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 40 | |
| 56 | 3.00 | 0.00 | 0.00 | 0.25 | 0.31 | 0.00 | 0.000 | 601. | 39 | |
| 57 | 3.00 | 2.89 | 5.76 | 0.00 | 0.00 | 0.00 | 21.007 | 602. | 12 | |
| 58 | 3.00 | 0.11 | 0.00 | 1.32 | 1.59 | 0.00 | 193.48 | 589. | 27 | |
| 59 | 3.00 | 0.00 | 0.00 | 0.12 | 0.15 | 0.00 | 0.000 | 603. | 37 | |
| 60 | 3.00 | 0.00 | 0.00 | 1.64 | 2.00 | 0.00 | 93.868 | 586. | 23 | |
| 61 | 3.00 | 4.72 | 8.50 | 4.06 | 4.36 | 0.00 | 54.941 | 572. | 8 | |
| 62 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 32 | |
| 63 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 574. | 33 | |
| 64 | 3.00 | 2.07 | 4.19 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 14 | |
| 65 | 3.00 | 0.17 | 0.00 | 1.25 | 1.51 | 0.00 | 0.000 | 582. | 12 | |
| 66 | 3.00 | 0.00 | 0.00 | 3.55 | 4.32 | 0.00 | 215.08 | 599. | 21 | |
| 67 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 574. | 21 | |
| 68 | 3.00 | 0.00 | 0.00 | 1.58 | 1.92 | 0.00 | 0.000 | 595. | 24 | |
| 69 | 3.00 | 0.00 | 0.00 | 0.81 | 0.99 | 0.00 | 32.320 | 582. | 23 | |
| 70 | 3.00 | 0.00 | 0.00 | 0.53 | 0.65 | 0.00 | 0.000 | 598. | 33 | |
| 71 | 3.00 | 0.36 | 0.56 | 0.59 | 0.67 | 0.00 | 46.302 | 600. | 19 | |
| 72 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 31 | |
| 73 | 3.00 | 2.06 | 4.15 | 0.00 | 0.00 | 0.00 | 183.35 | 590. | 17 | |
| 74 | 3.00 | 0.00 | 0.00 | 1.21 | 1.47 | 0.00 | 0.000 | 597. | 16 | |
| 75 | 3.00 | 0.00 | 0.00 | 1.79 | 2.18 | 0.00 | 355.41 | 587. | 17 | |
| 76 | 3.00 | 0.00 | 0.00 | 4.95 | 6.03 | 0.00 | 186.58 | 588. | 16 | |
| 77 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 38 | |
| 78 | 3.00 | 0.68 | 1.36 | 0.00 | 0.00 | 0.00 | 326.79 | 590. | 19 | |
| 79 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 28 | |
| 80 | 3.00 | 2.79 | 5.61 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 14 | |
| 81 | 3.00 | 0.74 | 0.30 | 4.21 | 5.03 | 0.00 | 131.21 | 596. | 17 | |
| 82 | 3.00 | 0.00 | 0.00 | 1.88 | 2.28 | 0.00 | 0.000 | 597. | 32 | |
| 83 | 3.00 | 0.49 | 0.97 | 0.00 | 0.00 | 0.00 | 127.08 | 596. | 14 | |
| 84 | 3.00 | 0.00 | 0.00 | 0.92 | 1.12 | 0.00 | 0.000 | 601. | 26 | |
| 85 | 3.00 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 1040.2 | 555. | 16 | |
| 86 | 3.00 | 6.50 | 12.58 | 1.25 | 0.74 | 1.33 | 32.964 | 605. | 9 | |
| 87 | 3.00 | 0.00 | 0.00 | 0.25 | 0.31 | 0.67 | 0.000 | 590. | 11 | |
| 88 | 3.00 | 0.00 | 0.00 | 1.10 | 1.34 | 0.00 | 311.49 | 601. | 28 | |
| 89 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 34 | |
| 90 | 3.00 | 2.95 | 5.53 | 1.59 | 1.57 | 0.00 | 71.157 | 581. | 5 | |
| 91 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 562. | 16 | 86 817/818 |
| (1 missing vial) | | | | | | | | | | |
| 93 | 3.00 | 0.00 | 0.00 | 0.59 | 0.71 | 0.00 | 0.000 | 587. | 23 | #1 white |
| 94 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 27 | 817/818 |
| 95 | 3.00 | 1.11 | 1.80 | 1.53 | 1.73 | 0.00 | 114.29 | 598. | 17 | |
| 96 | 3.00 | 2.34 | 4.72 | 0.00 | 0.00 | 0.00 | 47.720 | 588. | 16 | |
| 97 | 3.00 | 0.00 | 0.00 | 3.92 | 4.77 | 0.00 | 98.131 | 596. | 26 | |
| 98 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 16 | |
| 99 | 3.00 | 4.83 | 9.66 | 0.00 | 0.00 | 0.00 | 26.733 | 597. | 12 | |
| 100 | 3.00 | 2.82 | 5.21 | 1.32 | 1.27 | 0.00 | 96.670 | 612. | 23 | |
| 101 | 3.00 | 0.28 | 0.40 | 0.59 | 0.68 | 0.00 | 64.870 | 601. | 23 | |
| 102 | 3.00 | 1.95 | 3.95 | 0.00 | 0.00 | 0.00 | 140.22 | 586. | 18 | 817/818 |

#white

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-----|-------------------------|
| 103 | 3.00 | 6.68 | 13.42 | 0.00 | 0.00 | 0.00 | 29.242 | 593. | 168 | 17/18 # 11 Whil |
| 104 | 3.00 | 0.00 | 0.00 | 0.59 | 0.72 | 0.00 | 0.000 | 593. | 34 | |
| 105 | 3.00 | 0.00 | 0.00 | 1.54 | 1.87 | 0.00 | 37.263 | 596. | 19 | |
| 06 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 29 | |
| 107 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 | 0.000 | 596. | 29 | |
| 108 | 3.00 | 0.00 | 0.00 | 0.59 | 0.71 | 0.00 | 49.489 | 609. | 26 | |
| 109 | 3.00 | 0.29 | 0.20 | 1.36 | 1.61 | 0.00 | 154.14 | 588. | 18 | |
| 110 | 3.00 | 0.00 | 0.00 | 0.59 | 0.71 | 0.00 | 83.929 | 589. | 23 | |
| 111 | 3.00 | 1.03 | 1.69 | 1.25 | 1.40 | 0.00 | 107.24 | 610. | 18 | |
| 112 | 3.00 | 0.00 | 0.00 | 1.14 | 1.39 | 1.33 | 1877.8 | 609. | 18 | #20 white ^{8r} |
| (8 missing vials) | | | | | | | | | | |
| 121 | 3.00 | 0.25 | 0.50 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 8 | 819 #1 |
| 122 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 35 | |
| 123 | 3.00 | 0.00 | 0.00 | 0.83 | 1.01 | 2.00 | 312.99 | 584. | 30 | |
| 124 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.67 | 0.000 | 575. | 29 | |
| 125 | 3.00 | 0.11 | 0.23 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 17 | |
| 126 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 36 | |
| 127 | 3.00 | 0.00 | 0.00 | 0.59 | 0.71 | 0.00 | 134.71 | 597. | 32 | |
| 128 | 3.00 | 0.00 | 0.00 | 1.52 | 1.85 | 0.00 | 179.48 | 573. | 25 | |
| 129 | 3.00 | 0.00 | 0.00 | 2.25 | 2.74 | 0.00 | 144.16 | 601. | 23 | |
| 130 | 3.00 | 0.00 | 0.00 | 2.02 | 2.46 | 0.00 | 94.177 | 578. | 24. | |
| 131 | 3.00 | 0.00 | 0.00 | 0.29 | 0.36 | 0.00 | 0.000 | 588. | 21 | |
| 132 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 28 | |
| 133 | 3.00 | 2.63 | 5.27 | 0.00 | 0.00 | 0.00 | 30.375 | 595. | 22 | |
| 134 | 3.00 | 1.33 | 2.70 | 0.00 | 0.00 | 0.00 | 137.11 | 585. | 18 | |
| 135 | 3.00 | 0.00 | 0.00 | 0.92 | 1.12 | 0.00 | 0.000 | 591. | 24 | |
| 136 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 23 | |
| 137 | 3.00 | 0.00 | 0.00 | 1.91 | 2.32 | 0.00 | 0.000 | 595. | 18 | |
| 38 | 3.00 | 0.64 | 0.47 | 2.92 | 3.47 | 0.00 | 150.55 | 597. | 20 | |
| 39 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 41 | |
| 140 | 3.00 | 1.06 | 2.14 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 21. | |
| 141 | 3.00 | 0.74 | 1.48 | 0.00 | 0.00 | 0.33 | 0.000 | 596. | 23 | |
| 142 | 3.00 | 3.63 | 6.90 | 1.21 | 1.04 | 0.00 | 25.795 | 600. | 21 | |
| 143 | 3.00 | 5.60 | 11.30 | 1.10 | 0.65 | 0.00 | 19.976 | 553. | 12 | |
| 144 | 3.00 | 0.00 | 0.00 | 5.32 | 6.48 | 0.00 | 121.77 | 588. | 15 | |
| 145 | 3.00 | 4.78 | 9.51 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 14 | |
| 146 | 3.00 | 1.80 | 3.57 | 0.00 | 0.00 | 2.33 | 89.854 | 604. | 18 | |
| 147 | 3.00 | 0.00 | 0.00 | 1.28 | 1.55 | 0.00 | 0.000 | 590. | 20 | |
| 148 | 3.00 | 1.63 | 2.27 | 3.65 | 4.24 | 0.00 | 43.713 | 584. | 16 | |
| 149 | 3.00 | 1.23 | 2.46 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 11 | |
| 150 | 3.00 | 2.96 | 4.50 | 5.04 | 5.78 | 0.33 | 77.195 | 602. | 13. | |
| 151 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 27 | |
| 152 | 3.00 | 0.00 | 0.00 | 0.91 | 1.11 | 0.00 | 0.000 | 586. | 37 | |
| 153 | 3.00 | 1.28 | 2.58 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 25 | |
| 154 | 3.00 | 0.00 | 0.00 | 0.47 | 0.57 | 0.00 | 0.000 | 578. | 26 | |
| 155 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 21 | |
| 156 | 3.00 | 0.00 | 0.00 | 0.59 | 0.71 | 0.00 | 0.000 | 594. | 23 | |
| 157 | 3.00 | 1.56 | 2.91 | 0.92 | 0.93 | 1.33 | 51.392 | 576. | 8 | |
| 158 | 3.00 | 3.79 | 7.38 | 1.44 | 1.28 | 0.00 | 74.744 | 565. | 19 | |
| 159 | 3.00 | 0.28 | 0.57 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 21 | |
| 160 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 29. | |
| 161 | 3.00 | 0.53 | 0.96 | 0.42 | 0.45 | 0.00 | 62.393 | 567. | 19 | |
| 162 | 3.00 | 0.00 | 0.00 | 0.36 | 0.44 | 0.00 | 0.000 | 577. | 17 | |
| 163 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 9.90 | 39 | E |
| 64 | 3.00 | 0.00 | 0.00 | 1.66 | 2.02 | 0.00 | 1062.2 | 583. | 14 | |
| 165 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 13.1 | 43 | Rm E 819 #45 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|---------------|------|------|------|------|------|------|--------|------|-------------|------------|
| 166 | 3.00 | 0.00 | 0.00 | 1.35 | 1.65 | 0.00 | 111.03 | 578. | 19-Rm819#46 | |
| 167 | 3.00 | 0.62 | 0.79 | 1.62 | 1.90 | 0.00 | 114.40 | 586. | 20 | |
| 168 | 3.00 | 0.00 | 0.00 | 2.69 | 3.27 | 0.00 | 109.10 | 578. | 25 | |
| 169 | 3.00 | 0.72 | 1.37 | 0.31 | 0.29 | 0.67 | 0.000 | 584. | 15 | |
| 170 | 3.00 | 0.90 | 1.03 | 2.80 | 3.30 | 0.00 | 140.30 | 577. | 14. | |
| 171 | 3.00 | 0.00 | 0.00 | 5.03 | 6.12 | 0.00 | 74.894 | 577. | 19 | |
| 172 | 3.00 | 4.63 | 8.86 | 1.68 | 1.48 | 0.33 | 31.049 | 589. | 15 | |
| 173 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 27 | |
| 174 | 3.00 | 0.00 | 0.00 | 1.59 | 1.93 | 0.00 | 323.38 | 560. | 28 | |
| 175 | 3.00 | 0.78 | 0.81 | 2.75 | 3.25 | 0.00 | 33.781 | 585. | 21 | |
| 176 | 3.00 | 0.00 | 0.00 | 2.58 | 3.13 | 0.00 | 382.42 | 594. | 22 | |
| 177 | 3.00 | 2.24 | 4.43 | 0.57 | 0.42 | 0.00 | 121.66 | 569. | 8 | |
| 178 | 3.00 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 12 | |
| 179 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 23 | |
| 180 | 3.00 | 4.64 | 9.19 | 0.09 | 0.00 | 0.00 | 39.295 | 605. | 12. | |
| 181 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 32 | |
| 182 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 26 | |
| 183 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 24 | |
| 184 | 3.00 | 0.00 | 0.00 | 0.20 | 0.24 | 0.00 | 0.000 | 593. | 39 | |
| 185 | 3.00 | 3.16 | 6.32 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 15 | |
| 186 | 3.00 | 1.86 | 3.75 | 0.00 | 0.00 | 0.00 | 61.546 | 590. | 11 | |
| 187 | 3.00 | 0.00 | 0.00 | 1.30 | 1.58 | 0.00 | 3226.4 | 587. | 36 | |
| 188 | 3.00 | 0.73 | 0.15 | 4.72 | 5.66 | 0.00 | 97.151 | 583. | 22 | |
| 189 | 3.00 | 1.59 | 2.47 | 2.67 | 3.05 | 0.00 | 118.98 | 582. | 18 | |
| 190 | 3.00 | 0.00 | 0.00 | 0.64 | 0.78 | 0.00 | 0.000 | 585. | 11. | |
| 191 | 3.00 | 0.00 | 0.00 | 5.25 | 6.39 | 0.00 | 155.75 | 584. | 17 | |
| 192 | 3.00 | 0.00 | 0.00 | 2.94 | 3.58 | 0.00 | 102.71 | 591. | 24 | |
| 193 | 3.00 | 1.43 | 2.51 | 1.19 | 1.27 | 0.00 | 89.122 | 603. | 18 | |
| 194 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 32 | |
| 195 | 3.00 | 0.00 | 0.00 | 0.28 | 0.34 | 0.00 | 0.000 | 592. | 30 | |
| 196 | 3.00 | 1.72 | 3.44 | 0.00 | 0.00 | 0.00 | 2082.3 | 601. | 19 | |
| 197 | 3.00 | 0.00 | 0.00 | 1.78 | 2.16 | 0.00 | 236.73 | 614. | 18 | |
| 198 | 3.00 | 0.00 | 0.00 | 0.14 | 0.17 | 0.00 | 0.000 | 602. | 20 | |
| 199 | 3.00 | 0.00 | 0.00 | 0.59 | 0.71 | 0.00 | 0.000 | 595. | 21 | |
| 200 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 32. | |
| 201 | 3.00 | 0.00 | 0.00 | 3.25 | 3.96 | 0.00 | 114.27 | 597. | 25 | |
| 202 | 3.00 | 0.00 | 0.00 | 1.53 | 1.87 | 0.00 | 0.000 | 598. | 29 | |
| 203 | 3.00 | 3.34 | 6.68 | 0.00 | 0.00 | 0.00 | 41.098 | 596. | 19 | |
| 204 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 26 | |
| 205 | 3.00 | 1.81 | 3.16 | 1.59 | 1.71 | 0.00 | 65.514 | 604. | 12 | |
| 206 | 3.00 | 2.36 | 4.72 | 0.00 | 0.00 | 0.00 | 23.754 | 600. | 19 | |
| 207 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 33 | |
| 208 | 3.00 | 1.47 | 2.98 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 11 | |
| 209 | 3.00 | 0.00 | 0.00 | 2.21 | 2.68 | 0.00 | 0.000 | 601. | 31 | |
| 210 | 3.00 | 1.08 | 1.55 | 2.20 | 2.54 | 0.00 | 9.790 | 602. | 18. | |
| 211 | 3.00 | 0.00 | 0.00 | 0.23 | 0.28 | 0.00 | 0.000 | 598. | 26 | |
| 212 | 3.00 | 0.15 | 0.00 | 2.13 | 2.58 | 0.00 | 109.87 | 603. | 18 | |
| 213 | 3.00 | 0.00 | 0.00 | 2.52 | 3.06 | 0.00 | 44.038 | 599. | 29 | |
| 214 | 3.00 | 0.42 | 0.80 | 0.17 | 0.15 | 0.00 | 64.244 | 606. | 21 | |
| 215 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 24 | |
| 216 | 3.00 | 0.00 | 0.00 | 3.19 | 3.87 | 0.00 | 256.30 | 599. | 26 | |
| 217 | 3.00 | 0.00 | 0.00 | 0.19 | 0.24 | 0.00 | 31.460 | 572. | 23 | |
| 218 | 3.00 | 2.98 | 6.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 20 | |
| 219 | 3.00 | 2.98 | 5.18 | 3.05 | 3.35 | 1.00 | 40.312 | 584. | 12 | #99, 819 |
| missing vial) | | | | | | | | | | |
| 221 | 3.00 | 0.00 | 0.00 | 0.07 | 0.09 | 0.00 | 0.000 | 596. | 28 | 819#1 whit |

P40fc

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|------|------|-------|------|--------|------|-----|--------------|
| 222 | 3.00 | 0.00 | 0.00 | 1.59 | 1.93 | 0.00 | 733.36 | 592. | 25 | |
| 223 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 20 | 819 #3 white |
| (5 missing vials) | | | | | | | | | | |
| 229 | 3.00 | 0.00 | 0.00 | 4.25 | 5.17 | 0.00 | 65.429 | 603. | 24 | 819A #1 |
| 230 | 3.00 | 1.62 | 3.22 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 11 | |
| 231 | 3.00 | 0.00 | 0.00 | 0.89 | 1.08 | 0.00 | 624.51 | 599. | 18 | |
| 232 | 3.00 | 1.67 | 2.70 | 2.39 | 2.71 | 0.00 | 41.576 | 583. | 12 | |
| 233 | 3.00 | 0.00 | 0.00 | 3.77 | 4.58 | 0.00 | 85.252 | 582. | 25 | |
| 234 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 28 | |
| 235 | 3.00 | 0.00 | 0.00 | 0.61 | 0.75 | 0.00 | 90.510 | 575. | 28 | |
| 236 | 3.00 | 0.99 | 2.03 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 14 | |
| 237 | 3.00 | 0.00 | 0.00 | 0.29 | 0.35 | 0.00 | 0.000 | 591. | 25 | |
| 238 | 3.00 | 0.13 | 0.00 | 1.18 | 1.42 | 0.00 | 171.79 | 604. | 18 | |
| 239 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 27 | |
| 240 | 3.00 | 1.60 | 3.26 | 0.00 | 0.00 | 0.00 | 203.17 | 574. | 18 | |
| 241 | 3.00 | 0.00 | 0.00 | 1.92 | 2.34 | 0.00 | 1144.4 | 597. | 13 | |
| 242 | 3.00 | 3.17 | 6.34 | 0.00 | 0.00 | 0.00 | 23.374 | 597. | 14 | |
| 243 | 3.00 | 2.48 | 4.98 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 27 | |
| 244 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 12.8 | 60 | E |
| 245 | 3.00 | 0.00 | 0.00 | 1.08 | 1.32 | 0.00 | 146.30 | 555. | 19 | |
| 246 | 3.00 | 2.00 | 4.18 | 0.00 | 0.00 | 0.00 | 51.766 | 546. | 22 | |
| 247 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 | 0.000 | 585. | 26 | |
| 248 | 3.00 | 0.00 | 0.00 | 2.31 | 2.81 | 0.00 | 82.172 | 589. | 19 | |
| 249 | 3.00 | 2.16 | 4.25 | 0.15 | 0.00 | 0.00 | 149.84 | 609. | 17 | |
| 250 | 3.00 | 2.05 | 3.94 | 1.73 | 1.86 | 0.32 | 52.780 | 504. | 9 | |
| 251 | 3.00 | 1.39 | 1.80 | 3.59 | 4.19 | 0.00 | 79.111 | 588. | 15 | |
| 252 | 3.00 | 1.35 | 1.78 | 3.43 | 4.01 | 0.00 | 116.20 | 580. | 9 | |
| 253 | 3.00 | 0.00 | 0.00 | 0.25 | 0.31 | 0.00 | 0.000 | 588. | 12 | |
| 254 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 571. | 30 | 819A #26 |
| (1 missing vial) | | | | | | | | | | |
| 256 | 3.00 | 0.00 | 0.00 | 8.86 | 10.83 | 0.00 | 98.761 | 527. | 13 | 819A white1 |
| 257 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 34 | |
| 258 | 3.00 | 0.00 | 0.00 | 0.25 | 0.31 | 0.00 | 0.000 | 594. | 35 | 819A white3 |
| (6 missing vials) | | | | | | | | | | |
| 265 | 3.00 | 3.26 | 6.48 | 0.33 | 0.01 | 0.00 | 0.000 | 588. | 19 | 819B #1 |
| 266 | 3.00 | 1.60 | 3.26 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 19 | |
| 267 | 3.00 | 0.00 | 0.00 | 1.26 | 1.53 | 1.00 | 93.180 | 593. | 16 | |
| 268 | 3.00 | 0.11 | 0.00 | 2.90 | 3.51 | 0.00 | 237.01 | 597. | 15 | |
| 269 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 28 | |
| 270 | 3.00 | 1.49 | 2.96 | 0.00 | 0.00 | 0.00 | 0.000 | 611. | 16 | |
| 271 | 3.00 | 3.17 | 5.54 | 3.08 | 3.36 | 0.00 | 50.265 | 585. | 17 | |
| 272 | 3.00 | 0.00 | 0.00 | 2.59 | 3.15 | 0.00 | 181.63 | 599. | 18 | |
| 273 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 17 | |
| 274 | 3.00 | 1.04 | 2.02 | 0.19 | 0.10 | 0.00 | 69.244 | 603. | 22 | |
| 275 | 3.00 | 0.47 | 0.92 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 21 | |
| 276 | 3.00 | 0.00 | 0.00 | 0.85 | 1.03 | 0.00 | 0.000 | 604. | 22 | |
| 277 | 3.00 | 0.00 | 0.00 | 0.59 | 0.71 | 0.00 | 0.000 | 608. | 34 | |
| 278 | 3.00 | 0.00 | 0.00 | 1.15 | 1.40 | 0.00 | 0.000 | 608. | 27 | |
| 279 | 3.00 | 2.86 | 5.69 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 11 | |
| 280 | 3.00 | 0.25 | 0.50 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 12 | |
| 281 | 3.00 | 0.00 | 0.00 | 1.25 | 1.53 | 0.00 | 212.34 | 577. | 25 | |
| 282 | 3.00 | 1.16 | 2.33 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 16 | |
| 283 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | 0.000 | 599. | 16 | |
| 284 | 3.00 | 0.00 | 0.00 | 3.92 | 4.77 | 0.00 | 893.15 | 589. | 38 | 819B #20 |
| (1 missing vial) | | | | | | | | | | |
| 286 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 568. | 26 | 819B white1 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|------|------|------|------|--------|------|-----|-------------|
| 287 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 563. | 22 | |
| 288 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 32 | |
| 289 | 3.00 | 1.73 | 3.46 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 21 | -819BWhite4 |
| .1 missing vials) | | | | | | | | | | |
| 301 | 3.00 | 1.21 | 1.58 | 3.27 | 3.84 | 0.00 | 32.725 | 539. | 8 | -819C #1 |
| 302 | 3.00 | 0.00 | 0.00 | 2.74 | 3.33 | 0.00 | 315.25 | 582. | 16 | |
| 303 | 3.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.000 | 580. | 17 | |
| 304 | 3.00 | 0.64 | 1.02 | 0.95 | 1.08 | 0.00 | 131.18 | 589. | 20 | |
| 305 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 24 | |
| 306 | 3.00 | 0.42 | 0.77 | 0.25 | 0.26 | 0.00 | 57.124 | 594. | 17 | |
| 307 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 9.74 | 30 | E |
| 308 | 3.00 | 0.00 | 0.00 | 1.25 | 1.53 | 2.67 | 867.78 | 604. | 28 | |
| 309 | 3.00 | 3.45 | 6.61 | 0.92 | 0.70 | 0.00 | 49.360 | 603. | 13 | |
| 310 | 3.00 | 0.16 | 0.35 | 0.00 | 0.00 | 0.00 | 0.000 | 543. | 15 | |
| 311 | 3.00 | 0.00 | 0.00 | 1.61 | 1.96 | 0.00 | 1491.0 | 590. | 25 | |
| 312 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 9.79 | 26 | E |
| 313 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 22 | |
| 314 | 3.00 | 0.84 | 1.55 | 0.92 | 1.02 | 0.33 | 0.000 | 499. | 12 | |
| 315 | 3.00 | 0.00 | 0.00 | 1.50 | 1.83 | 0.00 | 0.000 | 600. | 18 | |
| 316 | 3.00 | 0.00 | 0.00 | 2.73 | 3.32 | 0.00 | 69.740 | 607. | 15 | |
| 317 | 3.00 | 0.00 | 0.00 | 0.44 | 0.54 | 0.00 | 0.000 | 564. | 27 | |
| 318 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 16 | |
| 319 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 118.31 | 604. | 24 | |
| 320 | 3.00 | 0.00 | 0.00 | 1.59 | 1.93 | 0.00 | 122.71 | 573. | 17 | |
| 321 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 17.1 | 42 | E |
| 322 | 3.00 | 0.67 | 0.94 | 1.48 | 1.72 | 0.00 | 79.645 | 576. | 9 | |
| 323 | 3.00 | 0.00 | 0.00 | 4.25 | 5.17 | 0.00 | 687.36 | 594. | 19 | |
| 324 | 3.00 | 0.00 | 0.00 | 0.93 | 1.14 | 0.00 | 51.497 | 567. | 26 | |
| 325 | 3.00 | 0.00 | 0.00 | 0.18 | 0.21 | 0.00 | 0.000 | 600. | 27 | |
| 326 | 3.00 | 0.00 | 0.00 | 0.59 | 0.71 | 0.67 | 1631.3 | 590. | 25 | |
| 327 | 3.00 | 4.06 | 7.45 | 3.59 | 3.87 | 0.00 | 69.269 | 544. | 14 | |
| 328 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.00 | 0.000 | 554. | 27 | |
| 329 | 3.00 | 0.00 | 0.00 | 0.25 | 0.31 | 0.00 | 28674. | 582. | 20 | |
| 330 | 3.00 | 3.06 | 6.13 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 19 | -819C #30 |
| FRONT PIN JAM FWD | | | | | | | | | | |

Rooms 820, 821, 822, & 823 Lakeside Hospital

Protocol #:25 Name:Decommissioning 04-May-2004 14:07
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 223212 Nuclide 2 = 130300
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|------------|
| 1 | 10.00 | 7.87 | | 10.77 | | 7.46 | 59.024 | 602. | 7 | B |
| 2 | 3.00 | 16620.0 | 0.00 | 115342. | 136914. | 509.14 | 161.35 | 998. | 0 | E |
| 3 | 3.00 | 105341. | 169970. | 8441.11 | 788.09 | 1.20 | 19.884 | 992. | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 983. | 16 | E |
| (1 missing vial) | | | | | | | | | | |
| 6 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 571. | 16 | 820 #1 |
| 7 | 3.00 | 1.49 | 3.02 | 0.00 | 0.00 | 0.64 | 0.000 | 581. | 9 | |
| 8 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.54 | 0.000 | 577. | 13 | |
| 9 | 3.00 | 0.00 | 0.00 | 2.02 | 2.46 | 3.87 | 154.13 | 575. | 7 | |
| 10 | 3.00 | 0.74 | 1.51 | 0.00 | 0.00 | 1.87 | 0.000 | 577. | 4 | |
| 11 | 3.00 | 0.00 | 0.00 | 2.94 | 3.57 | 3.20 | 362.76 | 587. | 23 | |
| 12 | 3.00 | 0.52 | 0.88 | 0.57 | 0.63 | 4.20 | 109.47 | 593. | 16 | |
| 13 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.20 | 0.000 | 586. | 20 | |
| 14 | 3.00 | 0.33 | 0.67 | 0.00 | 0.00 | 0.00 | 0.000 | 565. | 10 | |
| 15 | 3.00 | 0.00 | 0.00 | 0.23 | 0.28 | 0.87 | 32.818 | 574. | 19 | |
| 16 | 3.00 | 0.69 | 1.05 | 1.17 | 1.35 | 3.54 | 0.000 | 597. | 10 | |
| 17 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 572. | 23 | |
| 18 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 15 | |
| 19 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.54 | 0.000 | 573. | 10 | |
| 20 | 3.00 | 0.00 | 0.00 | 2.29 | 2.79 | 0.87 | 109.48 | 584. | 16 | |
| 21 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.54 | 0.000 | 587. | 15 | |
| 22 | 3.00 | 1.03 | 1.62 | 1.75 | 2.00 | 0.00 | 37.710 | 565. | 13 | |
| 23 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 12 | |
| 24 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 541. | 10 | |
| 25 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 571. | 20 | |
| 26 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 16 | |
| 27 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.000 | 574. | 20 | |
| 28 | 3.00 | 0.00 | 0.00 | 1.82 | 2.21 | 0.87 | 155.85 | 574. | 12 | |
| 29 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 261.39 | 571. | 18 | |
| 30 | 3.00 | 0.00 | 0.00 | 0.54 | 0.66 | 1.87 | 0.000 | 545. | 17 | |
| 31 | 3.00 | 1.05 | 2.15 | 0.00 | 0.00 | 0.00 | 0.000 | 568. | 17 | |
| 32 | 3.00 | 0.64 | 1.31 | 0.00 | 0.00 | 3.87 | 17.451 | 578. | 22 | |
| 33 | 3.00 | 0.41 | 0.83 | 0.00 | 0.00 | 1.87 | 0.000 | 583. | 15 | |
| 34 | 3.00 | 0.00 | 0.00 | 0.76 | 0.92 | 1.54 | 0.000 | 578. | 14 | |
| 35 | 3.00 | 0.82 | 1.64 | 0.00 | 0.00 | 2.87 | 0.000 | 588. | 18 | |
| 36 | 3.00 | 2.04 | 4.21 | 0.00 | 0.00 | 0.00 | 0.000 | 563. | 14 | |
| 37 | 3.00 | 1.01 | 2.10 | 0.00 | 0.00 | 2.54 | 0.000 | 547. | 12 | |
| 38 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.54 | 0.000 | 558. | 16 | |
| 39 | 3.00 | 5.47 | 11.00 | 0.31 | 0.00 | 2.54 | 6.060 | 581. | 12 | |
| 40 | 3.00 | 0.00 | 0.00 | 1.41 | 1.74 | 1.54 | 0.000 | 424. | 27 | |
| 41 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 | 0.000 | 551. | 16 | |
| 42 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 355. | 6 | |
| 43 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 582. | 22 | |
| 44 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 12 | |
| 45 | 3.00 | 0.14 | 0.30 | 0.00 | 0.00 | 0.87 | 0.000 | 539. | 18 | |
| 46 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 574. | 15 | Rm 820 #41 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|--------------------|------|------|------|------|------|------|--------|------|-----|--------------|
| 47 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.54 | 0.000 | 556. | 20 | Rm820 #42 |
| 48 | 3.00 | 0.00 | 0.00 | 1.28 | 1.57 | 0.20 | 217.50 | 533. | 12 | |
| 49 | 3.00 | 0.95 | 2.19 | 0.00 | 0.00 | 1.87 | 0.000 | 457. | 20 | |
| 50 | 3.00 | 0.00 | 0.00 | 0.46 | 0.56 | 0.20 | 0.000 | 547. | 9 | |
| 51 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 | 0.000 | 568. | 14 | |
| 52 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.54 | 0.000 | 553. | 12 | |
| 53 | 3.00 | 0.65 | 1.35 | 0.00 | 0.00 | 0.87 | 99.823 | 562. | 16 | |
| 54 | 3.00 | 0.55 | 1.11 | 0.00 | 0.00 | 0.87 | 16.597 | 580. | 15 | |
| 55 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.54 | 0.000 | 564. | 19 | |
| 56 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.54 | 0.000 | 494. | 13 | |
| 57 | 3.00 | 2.96 | 6.22 | 0.00 | 0.00 | 1.54 | 0.000 | 541. | 10 | |
| 58 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 | 0.000 | 570. | 14 | |
| 59 | 3.00 | 0.60 | 1.25 | 0.00 | 0.00 | 1.20 | 0.000 | 554. | 12 | |
| 60 | 3.00 | 1.80 | 3.36 | 1.00 | 1.00 | 0.87 | 63.161 | 585. | 12 | |
| 61 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.000 | 499. | 17 | |
| 62 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 21 | |
| 63 | 3.00 | 0.49 | 1.00 | 0.00 | 0.00 | 0.20 | 0.000 | 583. | 11 | |
| 64 | 3.00 | 1.66 | 2.05 | 4.56 | 5.35 | 0.54 | 46.239 | 594. | 7 | |
| 65 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.54 | 0.000 | 571. | 16 | |
| 66 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.54 | 0.000 | 558. | 15 | |
| 67 | 3.00 | 1.88 | 3.81 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 14 | |
| 68 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.87 | 0.000 | 576. | 9 | |
| 69 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.54 | 0.000 | 541. | 27 | |
| 70 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.54 | 0.000 | 551. | 12 | |
| 71 | 3.00 | 1.47 | 3.01 | 0.00 | 0.00 | 1.54 | 166.14 | 568. | 18 | |
| 72 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.20 | 0.000 | 583. | 29 | |
| 73 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.90 | 0.000 | 597. | 21 | |
| 74 | 3.00 | 0.00 | 0.00 | 3.63 | 4.41 | 1.20 | 163.69 | 584. | 14 | |
| 75 | 3.00 | 0.00 | 0.00 | 2.22 | 2.71 | 0.10 | 0.000 | 551. | 16 | |
| 76 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.20 | 0.000 | 555. | 23 | |
| 77 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 533. | 15 | |
| 78 | 3.00 | 0.55 | 1.18 | 0.00 | 0.00 | 0.00 | 0.000 | 525. | 9 | |
| 79 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 516. | 20 | |
| 80 | 3.00 | 0.55 | 1.04 | 0.23 | 0.21 | 0.87 | 0.000 | 587. | 14 | |
| 81 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.20 | 0.000 | 578. | 20 | |
| 82 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.20 | 0.000 | 584. | 16 | 820 #77 |
| (1 missing vial) | | | | | | | | | | |
| 84 | 3.00 | 0.08 | 0.15 | 0.00 | 0.00 | 1.20 | 0.000 | 583. | 17 | 820 white #. |
| 85 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 15 | |
| 86 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.54 | 4322.8 | 585. | 22 | |
| 87 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 14 | |
| 88 | 3.00 | 1.76 | 3.62 | 0.00 | 0.00 | 0.87 | 0.000 | 569. | 13 | |
| 89 | 3.00 | 0.00 | 0.00 | 0.81 | 0.99 | 0.00 | 403.99 | 555. | 18 | |
| 90 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 24 | |
| 91 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 11.7 | 11 | E |
| 92 | 3.00 | 0.00 | 0.00 | 1.14 | 1.38 | 2.96 | 0.000 | 589. | 10 | |
| 93 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.54 | 0.000 | 600. | 13 | |
| 94 | 3.00 | 1.33 | 2.44 | 0.78 | 0.79 | 1.87 | 4.243 | 598. | 14 | |
| 95 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 | 0.000 | 599. | 17 | |
| 96 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 601. | 17 | 820 white #1 |
| (12 missing vials) | | | | | | | | | | |
| 109 | 3.00 | 0.00 | 0.00 | 1.62 | 1.98 | 1.87 | 11.683 | 584. | 16 | 821 #1 |
| 110 | 3.00 | 0.89 | 1.78 | 0.00 | 0.00 | 2.87 | 0.000 | 590. | 14 | |
| 111 | 3.00 | 1.62 | 3.05 | 0.78 | 0.76 | 1.69 | 22.365 | 588. | 8 | |
| 112 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 10 | |
| 113 | 3.00 | 0.07 | 0.01 | 0.46 | 0.55 | 1.54 | 0.000 | 576. | 10 | Rm821 #5 |

P 2 of 7

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|------|------|------|------|--------|------|-----|-----------|
| 114 | 3.00 | 0.81 | 1.54 | 0.38 | 0.37 | 0.87 | 162.88 | 582. | 10 | Rm821 #6 |
| 115 | 3.00 | 0.00 | 0.00 | 1.99 | 2.42 | 1.10 | 283.26 | 595. | 11 | |
| 116 | 3.00 | 0.00 | 0.00 | 1.06 | 1.29 | 1.20 | 474.45 | 569. | 10 | |
| 17 | 3.00 | 2.68 | 5.50 | 0.00 | 0.00 | 0.00 | 168.74 | 567. | 7 | |
| 118 | 3.00 | 0.33 | 0.68 | 0.00 | 0.00 | 0.00 | 1084.0 | 586. | 6 | |
| 119 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.20 | 0.000 | 574. | 32 | |
| 120 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.20 | 0.000 | 564. | 21 | |
| 121 | 3.00 | 1.79 | 3.24 | 1.38 | 1.46 | 0.00 | 0.892 | 582. | 10 | |
| 122 | 3.00 | 1.71 | 3.47 | 0.00 | 0.00 | 3.20 | 0.000 | 578. | 13 | |
| 123 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.20 | 0.000 | 584. | 28 | |
| 124 | 3.00 | 1.07 | 2.18 | 0.00 | 0.00 | 1.20 | 0.000 | 576. | 17 | |
| 125 | 3.00 | 0.10 | 0.21 | 0.00 | 0.00 | 2.87 | 514.87 | 585. | 18 | |
| 126 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 21 | |
| 127 | 3.00 | 4.74 | 9.68 | 0.00 | 0.00 | 4.20 | 1.840 | 571. | 6 | |
| 128 | 3.00 | 0.99 | 2.01 | 0.00 | 0.00 | 1.87 | 176.01 | 581. | 9 | |
| 129 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 21 | |
| 130 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 568. | 15 | |
| 131 | 3.00 | 0.84 | 1.71 | 0.00 | 0.00 | 0.00 | 0.000 | 574. | 11 | |
| 132 | 3.00 | 0.50 | 1.02 | 0.00 | 0.00 | 0.20 | 0.000 | 573. | 12 | |
| 133 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 14 | |
| 134 | 3.00 | 0.00 | 0.00 | 2.06 | 2.51 | 1.87 | 0.000 | 574. | 14 | |
| 135 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 574. | 14 | |
| 136 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.20 | 0.000 | 568. | 18 | |
| 137 | 3.00 | 0.91 | 1.86 | 0.00 | 0.00 | 1.20 | 0.000 | 573. | 14 | |
| 138 | 3.00 | 0.00 | 0.00 | 1.56 | 1.90 | 0.20 | 72.301 | 575. | 19 | |
| 139 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 24 | |
| 140 | 3.00 | 2.82 | 5.74 | 0.02 | 0.00 | 0.20 | 0.000 | 575. | 11 | |
| 141 | 3.00 | 2.85 | 5.86 | 0.00 | 0.00 | 1.54 | 0.000 | 566. | 15 | |
| 42 | 3.00 | 2.02 | 4.10 | 0.00 | 0.00 | 1.87 | 45.971 | 579. | 7 | |
| 143 | 3.00 | 0.46 | 0.93 | 0.00 | 0.00 | 1.54 | 0.000 | 584. | 19 | |
| 144 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 | 0.000 | 591. | 8 | |
| 145 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 18 | |
| 146 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 601. | 23 | |
| 147 | 3.00 | 0.52 | 1.07 | 0.00 | 0.00 | 3.20 | 0.000 | 564. | 18 | |
| 148 | 3.00 | 0.00 | 0.00 | 0.39 | 0.47 | 0.54 | 36.377 | 602. | 19 | |
| 149 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 15 | |
| 150 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.20 | 0.000 | 598. | 25 | |
| 151 | 3.00 | 1.19 | 2.48 | 0.00 | 0.00 | 2.20 | 0.000 | 553. | 6 | |
| 152 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.54 | 0.000 | 580. | 14 | |
| 153 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.20 | 0.000 | 592. | 11 | |
| 154 | 3.00 | 0.14 | 0.28 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 14 | |
| 155 | 3.00 | 1.76 | 3.54 | 0.00 | 0.00 | 2.20 | 0.000 | 593. | 21 | |
| 156 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.20 | 0.000 | 564. | 14 | |
| 157 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.54 | 0.000 | 549. | 17 | |
| 158 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.54 | 0.000 | 600. | 19 | |
| 159 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 14 | |
| 160 | 3.00 | 0.63 | 1.30 | 0.00 | 0.00 | 1.54 | 0.000 | 566. | 11 | |
| 161 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 509. | 21 | |
| 162 | 3.00 | 0.00 | 0.00 | 1.56 | 1.91 | 0.54 | 259.55 | 550. | 24 | |
| 163 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 554. | 22 | |
| 164 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.54 | 0.000 | 592. | 21 | |
| 165 | 3.00 | 1.17 | 2.39 | 0.00 | 0.00 | 4.20 | 0.000 | 571. | 12 | |
| 166 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 562. | 20 | |
| 167 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 11 | |
| 168 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.000 | 592. | 15 | |
| 169 | 3.00 | 0.85 | 1.72 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 14 | Rm821 #61 |

P 3 of 7

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|---------------------------------|------|------|------|------|------|------|--------|------|-----|--------------|
| 170 | 3.00 | 1.94 | 3.89 | 0.09 | 0.00 | 0.00 | 0.000 | 583. | 17 | Rm 821 # 62 |
| 171 | 3.00 | 0.00 | 0.00 | 0.59 | 0.71 | 0.20 | 0.000 | 566. | 17 | |
| 172 | 3.00 | 2.26 | 4.71 | 0.30 | 0.08 | 0.00 | 95.687 | 531. | 8 | |
| 173 | 3.00 | 0.00 | 0.00 | 1.41 | 1.74 | 0.00 | 0.000 | 462. | 11 | |
| 174 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.54 | 0.000 | 550. | 27 | |
| 175 | 3.00 | 0.30 | 0.55 | 0.23 | 0.24 | 0.00 | 322.07 | 566. | 10 | |
| 176 | 3.00 | 0.30 | 0.60 | 0.00 | 0.00 | 0.87 | 0.000 | 594. | 11 | |
| 177 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.20 | 0.000 | 588. | 29 | |
| 178 | 3.00 | 1.24 | 2.43 | 0.46 | 0.41 | 1.20 | 0.000 | 558. | 18 | |
| 179 | 3.00 | 1.79 | 3.61 | 0.00 | 0.00 | 0.54 | 0.000 | 588. | 21 | |
| 180 | 3.00 | 1.46 | 2.67 | 0.96 | 0.99 | 0.00 | 13.893 | 589. | 15 | |
| 181 | 3.00 | 1.22 | 2.24 | 0.90 | 0.94 | 3.54 | 0.000 | 567. | 14 | |
| 182 | 3.00 | 3.08 | 5.89 | 1.36 | 1.28 | 1.87 | 44.291 | 576. | 12 | |
| 183 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 246.01 | 553. | 20 | |
| 184 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 | 0.000 | 593. | 35 | |
| 185 | 3.00 | 3.58 | 7.30 | 0.00 | 0.00 | 2.54 | 0.000 | 575. | 16 | 821 #77 |
| (1 missing vial) | | | | | | | | | | |
| 187 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.20 | 0.000 | 591. | 17 | 821 white #1 |
| 188 | 3.00 | 2.62 | 5.42 | 0.00 | 0.00 | 0.87 | 0.000 | 558. | 21 | |
| 189 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 370.82 | 575. | 18 | |
| 190 | 3.00 | 1.42 | 1.84 | 3.64 | 4.26 | 2.87 | 28.480 | 582. | 14 | |
| 191 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 35 | |
| 192 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.20 | 0.000 | 569. | 12 | |
| (12 missing vials) - wrong spot | | | | | | | | | | |
| 205 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 562. | 29 | |
| 206 | 3.00 | 1.24 | 2.34 | 0.57 | 0.54 | 0.00 | 110.29 | 580. | 12 | |
| 207 | 3.00 | 2.07 | 4.25 | 0.00 | 0.00 | 0.87 | 0.000 | 564. | 11 | |
| 208 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 571. | 16 | |
| 209 | 3.00 | 1.53 | 3.10 | 0.00 | 0.00 | 2.87 | 0.000 | 582. | 13 | |
| 210 | 3.00 | 0.30 | 0.61 | 0.00 | 0.00 | 1.54 | 0.000 | 573. | 12 | |
| 211 | 3.00 | 1.36 | 2.76 | 0.00 | 0.00 | 1.20 | 0.000 | 584. | 16 | |
| 212 | 3.00 | 4.79 | 9.93 | 0.00 | 0.00 | 2.31 | 0.000 | 556. | 11 | |
| 213 | 3.00 | 3.31 | 6.74 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 14 | |
| 214 | 3.00 | 0.00 | 0.00 | 0.34 | 0.42 | 1.20 | 0.000 | 585. | 26 | |
| 215 | 3.00 | 0.00 | 0.00 | 1.97 | 2.40 | 1.20 | 167.09 | 583. | 12 | |
| 216 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.000 | 596. | 34 | 821 white # |
| 217 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.54 | 0.000 | 580. | 25 | 821A #1 |
| 218 | 3.00 | 1.33 | 2.70 | 0.00 | 0.00 | 2.20 | 0.000 | 575. | 9 | |
| 219 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.87 | 0.000 | 576. | 38 | |
| 220 | 3.00 | 1.28 | 2.23 | 1.41 | 1.56 | 1.20 | 32.208 | 565. | 17 | |
| 221 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 18 | |
| 222 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.20 | 0.000 | 578. | 20 | |
| 223 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 | 0.000 | 569. | 23 | |
| 224 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 584. | 16 | |
| 225 | 3.00 | 0.27 | 0.55 | 0.00 | 0.00 | 2.54 | 551.89 | 589. | 10 | |
| 226 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.54 | 0.000 | 594. | 30 | |
| 227 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 540. | 26 | |
| 228 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.87 | 0.000 | 581. | 28 | 821A #12 |
| 229 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.20 | 0.000 | 542. | 29 | #25 |
| 230 | 3.00 | 4.16 | 7.40 | 3.65 | 3.93 | 1.20 | 23.684 | 580. | 10 | #26 |
| 231 | 3.00 | 0.17 | 0.34 | 0.00 | 0.00 | 2.54 | 0.000 | 573. | 11 | #27 |
| (9 missing vials) - wrong spot | | | | | | | | | | |
| 241 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 | 0.000 | 579. | 32 | 821A #13 |
| 242 | 3.00 | 1.27 | 2.57 | 0.00 | 0.00 | 0.87 | 0.000 | 585. | 25 | |
| 243 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 28 | |
| 244 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 | 10.158 | 586. | 27 | 821A #16 |

P4 of 7

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-----|------------|
| 245 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 11.6 | 28 | E 821A #17 |
| 246 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.54 | 0.000 | 583. | 41 | |
| 247 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.87 | 0.000 | 560. | 28 | |
| 248 | 3.00 | 0.63 | 0.60 | 2.40 | 2.85 | 0.87 | 115.57 | 580. | 17 | |
| 249 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 581. | 29 | |
| 250 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.000 | 472. | 21 | |
| 251 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.54 | 0.000 | 555. | 43 | |
| 252 | 3.00 | 6.00 | 11.99 | 1.05 | 0.55 | 0.00 | 0.000 | 569. | 13 | 821A #24 |
| 253 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.54 | 0.000 | 555. | 17 | 822 #1 |
| 254 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.54 | 0.000 | 567. | 27 | |
| 255 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 560. | 21 | |
| 256 | 3.00 | 0.30 | 0.62 | 0.00 | 0.00 | 1.87 | 0.000 | 559. | 14 | |
| 257 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 | 0.000 | 565. | 26 | |
| 258 | 3.00 | 0.68 | 1.00 | 1.43 | 1.66 | 0.00 | 17.771 | 563. | 14 | |
| 259 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.000 | 560. | 20 | |
| 260 | 3.00 | 0.00 | 0.00 | 1.16 | 1.41 | 2.54 | 0.000 | 553. | 22 | |
| 261 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.20 | 0.000 | 571. | 16 | |
| 262 | 3.00 | 2.30 | 4.72 | 0.00 | 0.00 | 0.00 | 0.000 | 566. | 17 | |
| 263 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.54 | 0.000 | 564. | 33 | |
| 264 | 3.00 | 0.19 | 0.00 | 1.56 | 1.88 | 0.00 | 55.182 | 568. | 15 | |
| 265 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 26 | |
| 266 | 3.00 | 2.39 | 4.95 | 0.00 | 0.00 | 3.54 | 0.000 | 556. | 27 | |
| 267 | 3.00 | 0.04 | 0.08 | 0.00 | 0.00 | 1.54 | 0.000 | 593. | 23 | |
| 268 | 3.00 | 0.00 | 0.00 | 0.34 | 0.42 | 0.00 | 0.000 | 576. | 21 | |
| 269 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.54 | 0.000 | 572. | 33 | |
| 270 | 3.00 | 1.11 | 2.28 | 0.00 | 0.00 | 0.00 | 0.000 | 564. | 18 | |
| 271 | 3.00 | 0.00 | 0.00 | 0.23 | 0.28 | 2.54 | 1946.0 | 572. | 31 | |
| 272 | 3.00 | 3.74 | 7.40 | 0.90 | 0.63 | 0.54 | 24.068 | 570. | 18 | |
| 273 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.20 | 0.000 | 588. | 28 | |
| 274 | 3.00 | 0.82 | 1.70 | 0.00 | 0.00 | 0.00 | 0.000 | 563. | 15 | |
| 275 | 3.00 | 1.05 | 2.18 | 0.00 | 0.00 | 2.89 | 0.000 | 553. | 24 | |
| 276 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 546. | 23 | |
| 277 | 3.00 | 2.16 | 4.38 | 0.00 | 0.00 | 0.00 | 59.013 | 581. | 16 | |
| 278 | 3.00 | 0.02 | 0.05 | 0.00 | 0.00 | 0.20 | 0.000 | 558. | 24 | |
| 279 | 3.00 | 5.17 | 10.40 | 0.00 | 0.00 | 3.54 | 0.000 | 591. | 14 | |
| 280 | 3.00 | 0.00 | 0.00 | 0.56 | 0.69 | 0.87 | 0.000 | 556. | 21 | |
| 281 | 3.00 | 0.00 | 0.00 | 0.24 | 0.29 | 0.20 | 0.000 | 592. | 29 | |
| 282 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 34 | |
| 283 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.000 | 597. | 31 | |
| 284 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 556. | 36 | |
| 285 | 3.00 | 0.00 | 0.00 | 3.25 | 3.96 | 0.00 | 7.286 | 590. | 23 | |
| 286 | 3.00 | 0.00 | 0.00 | 3.33 | 4.05 | 0.00 | 49.415 | 579. | 19 | 822 #34 |
| (2 missing vials) | | | | | | | | | | |
| 289 | 3.00 | 4.65 | 9.57 | 0.00 | 0.00 | 1.20 | 0.000 | 563. | 12 | 823 #1 |
| 290 | 3.00 | 0.15 | 0.31 | 0.00 | 0.00 | 1.87 | 0.000 | 584. | 16 | |
| 291 | 3.00 | 1.30 | 2.63 | 0.00 | 0.00 | 1.54 | 0.000 | 585. | 27 | |
| 292 | 3.00 | 0.00 | 0.00 | 0.18 | 0.22 | 2.54 | 0.000 | 562. | 22 | |
| 293 | 3.00 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 24 | |
| 294 | 3.00 | 0.33 | 0.58 | 0.36 | 0.40 | 1.54 | 96.519 | 573. | 18 | |
| 295 | 3.00 | 1.38 | 2.83 | 0.00 | 0.00 | 0.87 | 0.000 | 571. | 22 | |
| 296 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 27 | |
| 297 | 3.00 | 4.74 | 9.19 | 1.96 | 1.80 | 1.87 | 15.204 | 563. | 15 | |
| 298 | 3.00 | 0.00 | 0.00 | 0.03 | 0.04 | 3.54 | 0.000 | 572. | 24 | |
| 299 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.54 | 0.000 | 538. | 24 | |
| 300 | 3.00 | 0.00 | 0.00 | 1.21 | 1.47 | 0.00 | 0.000 | 545. | 14 | |
| 301 | 3.00 | 0.99 | 1.06 | 3.37 | 3.99 | 3.54 | 57.969 | 572. | 16 | Rm 823 #13 |

P 5077

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|------------------|------|------|-------|------|------|------|--------|------|-----|-----------|
| 302 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.87 | 0.000 | 579. | 33 | Rm823 #14 |
| 303 | 3.00 | 0.00 | 0.00 | 1.56 | 1.90 | 0.00 | 72.671 | 580. | 30 | |
| 304 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 | 0.000 | 581. | 21 | |
| 305 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 | 0.000 | 568. | 14 | |
| 306 | 3.00 | 0.56 | 1.17 | 0.00 | 0.00 | 0.87 | 0.000 | 548. | 17 | |
| 307 | 3.00 | 0.00 | 0.00 | 1.93 | 2.35 | 0.00 | 43.438 | 540. | 10 | |
| 308 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.54 | 0.000 | 545. | 28 | |
| 309 | 3.00 | 0.62 | 0.56 | 2.52 | 3.00 | 0.20 | 117.41 | 544. | 12 | |
| 310 | 3.00 | 2.22 | 4.45 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 14 | |
| 311 | 3.00 | 1.29 | 2.64 | 0.00 | 0.00 | 5.20 | 0.000 | 574. | 16 | |
| 312 | 3.00 | 0.00 | 0.00 | 1.29 | 1.56 | 0.00 | 0.000 | 585. | 28 | |
| 313 | 3.00 | 2.52 | 5.16 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 16 | |
| 314 | 3.00 | 1.66 | 3.36 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 20 | |
| 315 | 3.00 | 7.42 | 14.93 | 0.00 | 0.00 | 2.54 | 16.690 | 590. | 16 | |
| 316 | 3.00 | 0.00 | 0.00 | 0.39 | 0.48 | 0.20 | 0.000 | 568. | 39 | |
| 317 | 3.00 | 1.06 | 1.67 | 1.72 | 1.97 | 2.54 | 53.950 | 569. | 13 | |
| 318 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 | 0.000 | 590. | 17 | |
| 319 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.54 | 754.52 | 579. | 21 | |
| 320 | 3.00 | 0.00 | 0.00 | 1.56 | 1.90 | 0.00 | 71.757 | 595. | 26 | |
| 321 | 3.00 | 0.00 | 0.00 | 0.56 | 0.69 | 0.00 | 53.721 | 575. | 31 | |
| 322 | 3.00 | 1.33 | 2.04 | 2.28 | 2.62 | 2.87 | 93.164 | 590. | 20 | |
| 323 | 3.00 | 1.49 | 3.01 | 0.00 | 0.00 | 0.20 | 0.000 | 585. | 14 | |
| 324 | 3.00 | 3.49 | 7.05 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 15 | |
| 325 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.20 | 0.000 | 585. | 27 | |
| 326 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.54 | 0.000 | 581. | 25 | |
| 327 | 3.00 | 2.90 | 5.85 | 0.00 | 0.00 | 1.54 | 29.516 | 586. | 8 | |
| 328 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.74 | 0.000 | 587. | 31 | |
| 329 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 580. | 21 | |
| 330 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 44 | |
| 331 | 3.00 | 0.00 | 0.00 | 2.03 | 2.47 | 0.87 | 116.06 | 584. | 17 | |
| 332 | 3.00 | 1.80 | 3.62 | 0.00 | 0.00 | 1.20 | 0.000 | 592. | 30 | |
| 333 | 3.00 | 2.93 | 5.90 | 0.00 | 0.00 | 0.87 | 0.000 | 588. | 24 | |
| 334 | 3.00 | 2.88 | 5.78 | 0.00 | 0.00 | 2.87 | 0.000 | 593. | 16 | |
| 335 | 3.00 | 0.00 | 0.00 | 0.43 | 0.52 | 2.35 | 0.000 | 592. | 27 | |
| 336 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.54 | 0.000 | 595. | 36 | |
| 337 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 30 | |
| 338 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 41 | |
| 339 | 3.00 | 0.02 | 0.04 | 0.00 | 0.00 | 1.54 | 0.000 | 571. | 20 | |
| 340 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.000 | 589. | 16 | |
| 341 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.20 | 141.91 | 591. | 19 | |
| 342 | 3.00 | 2.78 | 5.58 | 0.00 | 0.00 | 2.20 | 0.000 | 592. | 19 | |
| 343 | 3.00 | 0.14 | 0.00 | 2.20 | 2.66 | 0.20 | 39.524 | 570. | 18 | |
| 344 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.05 | 0.000 | 572. | 24 | |
| (1 missing vial) | | | | | | | | | | |
| 346 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.000 | 573. | 23 | |
| 347 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.54 | 0.000 | 559. | 13 | |
| 348 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.20 | 0.000 | 554. | 32 | |
| 349 | 3.00 | 0.00 | 0.00 | 1.38 | 1.69 | 1.20 | 176.48 | 556. | 11 | |
| 350 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.54 | 0.000 | 550. | 35 | |
| 351 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 29 | |
| 352 | 3.00 | 0.19 | 0.40 | 0.00 | 0.00 | 2.20 | 0.000 | 524. | 18 | |
| 353 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.128 | 567. | 24 | |
| 354 | 3.00 | 0.00 | 0.00 | 1.80 | 2.20 | 2.32 | 217.33 | 556. | 14 | |
| 355 | 3.00 | 0.05 | 0.10 | 0.00 | 0.00 | 1.20 | 0.000 | 567. | 24 | |
| 356 | 3.00 | 0.74 | 1.50 | 0.00 | 0.00 | 0.20 | 0.000 | 580. | 20 | |
| 357 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.20 | 0.000 | 580. | 14 | |

42-45 do not exist.

41-45
46
47
48
49
20K
Jm
8/10/04

823 #60

823 w #1

14 Rm823 #12

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-----|------|------|------|------|------|------|-------|------|-----|--------------|
| 358 | 3.00 | 1.40 | 2.82 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 18 | |
| 359 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.20 | 0.000 | 585. | 28 | Ø23 white #1 |

Room 824 Lakeside Hospital

Protocol #:25 Name:Decommissioning 05-May-2004 16:43
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 223212 Nuclide 2 = 130300
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|------------|
| 1 | 10.00 | 6.22 | | 9.33 | | 9.16 | 56.363 | 595. | 14 | B |
| 2 | 3.00 | 16558.2 | 0.00 | 115152. | 136701. | 491.17 | 160.55 | 996. | 0 | E |
| 3 | 3.00 | 105485. | 170145. | 8625.68 | 998.51 | 0.51 | 19.985 | 992. | 0 | E |
| 4 | 3.00 | 0.66 | 1.09 | 0.00 | 0.00 | 1.51 | 2884.6 | 985. | 9 | E |
| (1 missing vial) | | | | | | | | | | |
| 6 | 3.00 | 0.00 | 0.00 | 0.53 | 0.65 | 0.00 | 31.185 | 564. | 25 | - 824 #1 |
| 7 | 3.00 | 0.00 | 0.00 | 0.96 | 1.17 | 3.28 | 0.000 | 552. | 35 | |
| 8 | 3.00 | 0.00 | 0.00 | 1.62 | 1.97 | 0.00 | 143.15 | 572. | 31 | |
| 9 | 3.00 | 6.51 | 12.96 | 1.13 | 0.58 | 0.00 | 48.121 | 574. | 21 | |
| 10 | 3.00 | 4.68 | 9.12 | 1.66 | 1.44 | 0.00 | 45.767 | 569. | 21 | |
| 11 | 3.00 | 4.47 | 9.19 | 0.00 | 0.00 | 0.00 | 0.000 | 566. | 16 | |
| 12 | 3.00 | 0.00 | 16.39 | 0.55 | 1.23 | 0.00 | 0.000 | 18.0 | 25 | E |
| 13 | 3.00 | 2.24 | 4.02 | 2.35 | 2.59 | 0.00 | 53.131 | 541. | 25 | |
| 14 | 3.00 | 0.00 | 0.00 | 1.37 | 1.67 | 0.00 | 0.000 | 565. | 27 | |
| 15 | 3.00 | 0.00 | 0.00 | 1.34 | 1.64 | 0.84 | 88.249 | 555. | 25 | |
| 16 | 3.00 | 0.00 | 0.00 | 3.34 | 4.08 | 1.84 | 160.97 | 524. | 32 | |
| 17 | 3.00 | 7.11 | 14.52 | 0.34 | 0.00 | 0.00 | 14.666 | 565. | 16 | |
| 18 | 3.00 | 0.41 | 0.84 | 0.00 | 0.00 | 0.00 | 0.000 | 557. | 30 | |
| 19 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.84 | 3041.4 | 543. | 35 | |
| 20 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 554. | 41 | |
| 21 | 3.00 | 3.28 | 5.45 | 4.67 | 5.29 | 0.00 | 22.521 | 553. | 22 | |
| 22 | 3.00 | 2.55 | 4.96 | 1.34 | 1.32 | 0.00 | 34.973 | 543. | 27 | |
| 23 | 3.00 | 0.98 | 1.56 | 1.67 | 1.91 | 0.00 | 0.136 | 543. | 25 | |
| 24 | 3.00 | 0.66 | 1.24 | 0.38 | 0.38 | 0.00 | 196.12 | 565. | 25 | |
| 25 | 3.00 | 3.11 | 5.62 | 2.63 | 2.82 | 0.00 | 64.991 | 569. | 17 | |
| 26 | 3.00 | 1.35 | 2.67 | 0.49 | 0.42 | 1.17 | 19.095 | 556. | 31 | |
| 27 | 3.00 | 0.00 | 0.00 | 1.60 | 1.95 | 0.00 | 616.38 | 554. | 22 | |
| 28 | 3.00 | 2.67 | 5.23 | 1.01 | 0.90 | 1.51 | 35.599 | 557. | 23 | |
| 29 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 13.0 | 56 | E |
| 30 | 3.00 | 0.00 | 0.00 | 3.97 | 4.84 | 0.84 | 64.361 | 548. | 33 | |
| 31 | 3.00 | 0.00 | 0.00 | 1.46 | 1.77 | 0.00 | 817.28 | 576. | 32 | |
| 32 | 3.00 | 3.00 | 6.14 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 26 | |
| 33 | 3.00 | 0.63 | 0.00 | 4.82 | 5.80 | 0.00 | 91.812 | 556. | 29 | |
| 34 | 3.00 | 1.37 | 1.58 | 4.27 | 5.03 | 0.00 | 51.164 | 580. | 23 | |
| 35 | 3.00 | 3.21 | 6.54 | 0.00 | 0.00 | 0.00 | 48.273 | 575. | 24 | |
| 36 | 3.00 | 1.55 | 2.90 | 1.01 | 1.04 | 0.84 | 26.775 | 568. | 29 | |
| 37 | 3.00 | 3.02 | 5.93 | 0.79 | 0.59 | 0.51 | 66.284 | 576. | 30 | |
| 38 | 3.00 | 2.89 | 5.94 | 0.00 | 0.00 | 0.00 | 0.000 | 563. | 33 | |
| 39 | 3.00 | 0.00 | 0.00 | 2.01 | 2.45 | 1.51 | 111.07 | 564. | 37 | |
| 40 | 3.00 | 1.61 | 3.31 | 0.00 | 0.00 | 0.00 | 0.000 | 566. | 29 | |
| 41 | 3.00 | 1.94 | 4.01 | 0.00 | 0.00 | 0.00 | 0.000 | 561. | 30 | |
| 42 | 3.00 | 1.92 | 2.96 | 3.62 | 4.17 | 2.51 | 29.304 | 546. | 27 | |
| 43 | 3.00 | 6.00 | 11.17 | 4.04 | 4.18 | 2.17 | 67.419 | 565. | 18 | |
| 44 | 3.00 | 0.00 | 0.00 | 0.51 | 0.62 | 1.84 | 0.000 | 568. | 29 | |
| 45 | 3.00 | 2.45 | 5.08 | 0.00 | 0.00 | 0.00 | 0.000 | 556. | 26 | |
| 46 | 3.00 | 0.00 | 0.00 | 3.34 | 4.07 | 0.00 | 51.629 | 569. | 29 | Rm 824 #41 |

Plot of ~~AMC~~

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|-------|------|------|------|--------|------|-----|----------|
| 47 | 3.00 | 1.78 | 3.66 | 0.00 | 0.00 | 0.00 | 72.245 | 564. | 34 | Rm824#42 |
| 48 | 3.00 | 3.49 | 6.88 | 1.13 | 0.95 | 0.17 | 70.561 | 558. | 24 | |
| 49 | 3.00 | 4.72 | 9.76 | 0.00 | 0.00 | 2.84 | 0.000 | 558. | 21 | |
| 50 | 3.00 | 2.73 | 4.96 | 2.50 | 2.71 | 0.51 | 76.556 | 551. | 26 | |
| 51 | 3.00 | 3.29 | 6.76 | 0.00 | 0.00 | 0.00 | 0.000 | 564. | 24 | |
| 52 | 3.00 | 0.00 | 0.00 | 1.75 | 2.13 | 1.51 | 129.36 | 582. | 30 | |
| 53 | 3.00 | 0.00 | 0.00 | 2.47 | 3.02 | 0.00 | 155.82 | 552. | 26 | |
| 54 | 3.00 | 1.48 | 3.03 | 0.00 | 0.00 | 0.00 | 0.000 | 568. | 30 | |
| 55 | 3.00 | 0.00 | 0.00 | 0.18 | 0.23 | 0.00 | 899.57 | 528. | 37 | |
| 56 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 510. | 30 | |
| 57 | 3.00 | 4.81 | 10.44 | 0.00 | 0.00 | 1.51 | 0.000 | 508. | 23 | |
| 58 | 3.00 | 0.00 | 0.00 | 2.80 | 3.43 | 0.00 | 27.531 | 522. | 39 | |
| 59 | 3.00 | 4.44 | 8.73 | 2.01 | 1.91 | 0.51 | 66.233 | 541. | 17 | |
| 60 | 3.00 | 1.83 | 3.68 | 0.34 | 0.19 | 0.00 | 50.706 | 562. | 31 | |
| 61 | 3.00 | 3.11 | 6.46 | 0.00 | 0.00 | 1.84 | 16.934 | 553. | 33 | |
| 62 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 528. | 36 | |
| 63 | 3.00 | 2.47 | 5.20 | 0.00 | 0.00 | 0.00 | 63.954 | 538. | 18 | |
| 64 | 3.00 | 0.00 | 0.00 | 0.78 | 0.95 | 0.00 | 64.711 | 547. | 29 | |
| 65 | 3.00 | 1.40 | 1.86 | 3.83 | 4.51 | 0.84 | 43.425 | 516. | 26 | |
| 66 | 3.00 | 0.30 | 0.02 | 2.04 | 2.46 | 0.00 | 92.846 | 513. | 24 | |
| 67 | 3.00 | 0.19 | 0.09 | 1.09 | 1.30 | 0.00 | 12.292 | 543. | 31 | |
| 68 | 3.00 | 3.17 | 6.55 | 0.00 | 0.00 | 0.00 | 45.275 | 559. | 26 | |
| 69 | 3.00 | 2.33 | 4.38 | 1.67 | 1.75 | 0.00 | 0.000 | 547. | 23 | |
| 70 | 3.00 | 0.53 | 0.99 | 0.34 | 0.35 | 0.00 | 93.591 | 563. | 32 | |
| 71 | 3.00 | 0.44 | 0.92 | 0.00 | 0.00 | 0.00 | 0.000 | 537. | 21 | |
| 72 | 3.00 | 1.28 | 2.39 | 0.98 | 1.04 | 0.51 | 38.291 | 546. | 28 | |
| 73 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 540. | 34 | |
| 74 | 3.00 | 1.74 | 3.69 | 0.16 | 0.00 | 0.00 | 0.000 | 518. | 29 | |
| 75 | 3.00 | 0.69 | 1.44 | 0.00 | 0.00 | 0.00 | 0.000 | 545. | 29 | |
| 76 | 3.00 | 0.00 | 0.00 | 1.34 | 1.64 | 0.00 | 4114.9 | 534. | 47 | |
| 77 | 3.00 | 0.00 | 0.00 | 2.67 | 3.27 | 0.00 | 120.73 | 537. | 34 | |
| 78 | 3.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.000 | 510. | 46 | |
| 79 | 3.00 | 2.57 | 5.00 | 1.44 | 1.44 | 1.17 | 88.879 | 534. | 23 | |
| 80 | 3.00 | 0.42 | 0.09 | 2.67 | 3.21 | 0.84 | 52.988 | 538. | 33 | |
| 81 | 3.00 | 0.00 | 0.00 | 1.17 | 1.42 | 0.00 | 225.11 | 568. | 40 | |
| 82 | 3.00 | 0.00 | 0.00 | 1.19 | 1.47 | 0.14 | 44.059 | 466. | 33 | |
| 83 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 525. | 34 | |
| 84 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.51 | 0.000 | 561. | 37 | |
| 85 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 518. | 27 | |
| 86 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.51 | 0.000 | 520. | 37 | |
| 87 | 3.00 | 4.01 | 8.30 | 0.00 | 0.00 | 0.00 | 55.504 | 556. | 27 | |
| 88 | 3.00 | 2.21 | 4.28 | 1.66 | 1.76 | 0.00 | 2.406 | 508. | 28 | |
| 89 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 493. | 43 | |
| 90 | 3.00 | 3.58 | 7.78 | 1.01 | 0.79 | 0.00 | 44.494 | 470. | 25 | |
| 91 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 554. | 34 | |
| 92 | 3.00 | 0.00 | 0.00 | 0.69 | 0.83 | 0.00 | 195.43 | 592. | 50 | |
| 93 | 3.00 | 0.00 | 0.00 | 2.86 | 3.50 | 0.00 | 39.623 | 527. | 18 | |
| 94 | 3.00 | 2.58 | 5.24 | 0.00 | 0.00 | 0.00 | 21.953 | 581. | 25 | |
| 95 | 3.00 | 1.81 | 3.67 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 29 | |
| 96 | 3.00 | 0.00 | 0.00 | 3.75 | 4.56 | 0.00 | 162.80 | 582. | 19 | |
| 97 | 3.00 | 0.25 | 0.03 | 1.67 | 2.01 | 0.00 | 70.206 | 555. | 28 | |
| 98 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.17 | 540.20 | 592. | 28 | |
| 99 | 3.00 | 0.86 | 1.64 | 0.34 | 0.31 | 0.00 | 72.735 | 585. | 16 | |
| 100 | 3.00 | 0.00 | 0.00 | 0.67 | 0.82 | 0.00 | 171.73 | 535. | 32 | |
| 101 | 3.00 | 0.76 | 1.53 | 0.00 | 0.00 | 2.17 | 84.931 | 590. | 35 | |
| 102 | 3.00 | 5.86 | 11.78 | 0.20 | 0.00 | 1.51 | 20.997 | 586. | 30 | Rm824#97 |

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| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|-------|------|------|------|--------|------|-----|-----------|
| 103 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 560. | 43 | Rm824#98 |
| 104 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.18 | 0.000 | 578. | 31 | |
| 105 | 3.00 | 2.63 | 4.91 | 1.29 | 1.25 | 0.00 | 46.513 | 596. | 26. | |
| 106 | 3.00 | 1.89 | 3.80 | 0.00 | 0.00 | 0.00 | 22.968 | 590. | 29 | |
| 107 | 3.00 | 5.21 | 9.92 | 2.46 | 2.36 | 0.00 | 36.329 | 575. | 20 | |
| 108 | 3.00 | 2.87 | 5.65 | 1.36 | 1.30 | 0.00 | 11.943 | 539. | 27 | |
| 109 | 3.00 | 0.00 | 0.00 | 2.64 | 3.24 | 0.00 | 28.013 | 466. | 31 | |
| 110 | 3.00 | 2.75 | 5.55 | 1.15 | 1.06 | 1.17 | 46.819 | 520. | 27 | |
| 111 | 3.00 | 1.49 | 2.99 | 0.07 | 0.00 | 1.17 | 0.000 | 583. | 30 | |
| 112 | 3.00 | 0.00 | 0.00 | 1.54 | 1.87 | 0.00 | 367.83 | 566. | 37 | |
| 113 | 3.00 | 2.54 | 5.11 | 0.02 | 0.00 | 0.00 | 0.000 | 592. | 29 | |
| 114 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.51 | 0.000 | 564. | 47 | |
| 115 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 37 | |
| 116 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 46 | |
| 117 | 3.00 | 0.92 | 1.88 | 0.00 | 0.00 | 0.00 | 81.108 | 568. | 31 | |
| 118 | 3.00 | 3.38 | 6.96 | 0.18 | 0.00 | 1.17 | 56.358 | 554. | 28 | |
| 119 | 3.00 | 2.55 | 5.11 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 32 | |
| 120 | 3.00 | 3.14 | 5.32 | 3.67 | 4.09 | 0.00 | 52.558 | 583. | 27 | |
| 121 | 3.00 | 0.00 | 0.00 | 0.18 | 0.22 | 0.00 | 0.000 | 567. | 34 | |
| 122 | 3.00 | 1.46 | 2.83 | 0.32 | 0.22 | 0.00 | 18.369 | 596. | 33 | |
| 123 | 3.00 | 2.78 | 4.93 | 2.95 | 3.25 | 1.51 | 65.165 | 551. | 19 | |
| 124 | 3.00 | 3.86 | 7.84 | 0.00 | 0.00 | 0.00 | 30.806 | 580. | 29 | |
| 125 | 3.00 | 3.83 | 7.18 | 2.34 | 2.38 | 0.00 | 26.738 | 569. | 14. | |
| 126 | 3.00 | 0.00 | 0.00 | 1.34 | 1.63 | 0.00 | 1210.3 | 577. | 39 | |
| 127 | 3.00 | 0.72 | 1.45 | 0.00 | 0.00 | 1.17 | 195.66 | 595. | 25 | |
| 128 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.51 | 0.000 | 581. | 38 | |
| 129 | 3.00 | 3.10 | 6.21 | 0.00 | 0.00 | 0.17 | 81.994 | 596. | 21 | |
| 130 | 3.00 | 0.00 | 0.00 | 2.01 | 2.45 | 0.00 | 261.66 | 572. | 37 | |
| 131 | 3.00 | 5.43 | 10.34 | 2.44 | 2.30 | 0.00 | 17.195 | 579. | 12 | |
| 132 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.17 | 0.000 | 600. | 36 | |
| 133 | 3.00 | 1.14 | 1.91 | 1.37 | 1.52 | 0.00 | 76.376 | 590. | 17 | |
| 134 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 498. | 47 | |
| 135 | 3.00 | 5.62 | 11.27 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 10. | |
| 136 | 3.00 | 1.81 | 3.70 | 0.00 | 0.00 | 1.51 | 2.824 | 571. | 29 | |
| 137 | 3.00 | 0.19 | 0.27 | 0.45 | 0.53 | 0.17 | 92.477 | 576. | 28 | |
| 138 | 3.00 | 0.00 | 0.00 | 0.06 | 0.08 | 0.84 | 0.000 | 585. | 50 | |
| 139 | 3.00 | 4.09 | 8.63 | 0.06 | 0.00 | 0.17 | 43.248 | 534. | 17 | |
| 140 | 3.00 | 2.10 | 4.30 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 30 | |
| 141 | 3.00 | 0.62 | 1.27 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 34 | |
| 142 | 3.00 | 3.76 | 7.53 | 0.00 | 0.00 | 0.00 | 33.318 | 594. | 20 | |
| 143 | 3.00 | 0.00 | 0.00 | 2.67 | 3.25 | 1.84 | 104.73 | 598. | 23 | |
| 144 | 3.00 | 4.66 | 9.91 | 0.00 | 0.00 | 0.84 | 33.009 | 528. | 20 | |
| 145 | 3.00 | 0.00 | 0.00 | 2.16 | 2.63 | 0.81 | 0.000 | 574. | 29. | |
| 146 | 3.00 | 0.00 | 0.00 | 2.50 | 3.05 | 0.00 | 72.445 | 568. | 28 | |
| 147 | 3.00 | 2.45 | 4.74 | 0.72 | 0.58 | 0.00 | 0.000 | 586. | 16 | |
| 148 | 3.00 | 0.00 | 0.00 | 1.39 | 1.70 | 0.00 | 78.693 | 574. | 31 | |
| 149 | 3.00 | 0.00 | 0.00 | 1.78 | 2.17 | 0.51 | 97.488 | 577. | 25 | |
| 150 | 3.00 | 3.99 | 6.77 | 4.77 | 5.31 | 0.00 | 69.240 | 577. | 16 | |
| 151 | 3.00 | 0.00 | 0.00 | 1.08 | 1.31 | 0.17 | 183.92 | 562. | 25 | |
| 152 | 3.00 | 0.00 | 0.00 | 4.79 | 5.83 | 0.00 | 98.144 | 585. | 24 | |
| 153 | 3.00 | 0.00 | 0.00 | 1.67 | 2.04 | 0.84 | 133.72 | 571. | 26 | |
| 154 | 3.00 | 4.86 | 9.44 | 1.84 | 1.65 | 0.00 | 19.613 | 567. | 20 | |
| 155 | 3.00 | 0.10 | 0.22 | 0.00 | 0.00 | 1.17 | 0.000 | 513. | 24. | |
| 156 | 3.00 | 1.00 | 2.18 | 0.00 | 0.00 | 0.00 | 0.000 | 501. | 28 | |
| 157 | 3.00 | 2.38 | 4.12 | 2.58 | 2.85 | 1.72 | 85.766 | 575. | 15 | |
| 158 | 3.00 | 3.90 | 7.98 | 0.00 | 0.00 | 0.00 | 0.000 | 569. | 22 | Rm824#153 |

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| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|------------------|------|------|------|------|------|------|--------|------|-----|----------------|
| 159 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 45 | Rm824#154 |
| 160 | 3.00 | 0.00 | 0.00 | 1.24 | 1.50 | 0.00 | 186.08 | 576. | 24 | |
| 161 | 3.00 | 0.00 | 0.00 | 1.01 | 1.23 | 0.84 | 68.078 | 593. | 27 | |
| 162 | 3.00 | 1.25 | 1.85 | 2.39 | 2.76 | 0.51 | 99.947 | 586. | 24 | |
| 163 | 3.00 | 0.00 | 0.00 | 1.19 | 1.45 | 1.17 | 117.05 | 565. | 28 | |
| 164 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.17 | 0.000 | 578. | 30 | |
| 165 | 3.00 | 1.26 | 2.44 | 0.35 | 0.28 | 0.00 | 281.82 | 593. | 28 | |
| 166 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 37 | |
| 167 | 3.00 | 0.00 | 0.00 | 1.98 | 2.40 | 0.17 | 95.321 | 596. | 26 | |
| 168 | 3.00 | 0.00 | 0.00 | 2.66 | 3.24 | 0.00 | 112.86 | 569. | 24 | |
| 169 | 3.00 | 1.52 | 2.46 | 2.21 | 2.51 | 0.00 | 73.554 | 578. | 21 | |
| 170 | 3.00 | 4.00 | 7.90 | 0.95 | 0.67 | 0.00 | 63.551 | 572. | 10 | |
| 171 | 3.00 | 0.00 | 0.00 | 3.34 | 4.07 | 0.84 | 405.42 | 574. | 25 | |
| 172 | 3.00 | 0.06 | 0.00 | 1.39 | 1.68 | 0.17 | 127.55 | 586. | 20 | |
| 173 | 3.00 | 0.73 | 1.50 | 0.00 | 0.00 | 0.00 | 0.000 | 574. | 18 | |
| 174 | 3.00 | 1.75 | 3.15 | 1.34 | 1.42 | 1.84 | 28.283 | 588. | 20 | |
| 175 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 22 | |
| 176 | 3.00 | 0.77 | 1.05 | 1.88 | 2.20 | 0.00 | 49.794 | 552. | 25 | |
| 177 | 3.00 | 0.00 | 0.00 | 3.01 | 3.67 | 0.00 | 182.93 | 561. | 28 | |
| 178 | 3.00 | 0.54 | 1.11 | 0.00 | 0.00 | 0.51 | 0.000 | 570. | 25 | |
| 179 | 3.00 | 1.87 | 3.82 | 0.00 | 0.00 | 0.00 | 3.775 | 571. | 18 | |
| 180 | 3.00 | 0.00 | 0.00 | 2.60 | 3.16 | 0.00 | 109.82 | 563. | 22 | |
| 181 | 3.00 | 2.02 | 3.50 | 2.07 | 2.27 | 0.00 | 84.977 | 584. | 19 | |
| 182 | 3.00 | 0.29 | 0.19 | 1.46 | 1.75 | 0.00 | 72.455 | 553. | 21 | |
| 183 | 3.00 | 0.47 | 0.95 | 0.00 | 0.00 | 2.84 | 62.730 | 594. | 21 | |
| 184 | 3.00 | 1.22 | 2.29 | 0.67 | 0.67 | 0.00 | 85.224 | 576. | 14 | |
| 185 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.51 | 0.000 | 571. | 23 | |
| 186 | 3.00 | 1.76 | 3.38 | 0.85 | 0.82 | 0.84 | 5.378 | 566. | 11 | |
| 187 | 3.00 | 3.61 | 7.31 | 0.34 | 0.00 | 0.00 | 37.533 | 567. | 10 | |
| 188 | 3.00 | 0.47 | 0.54 | 1.50 | 1.77 | 0.00 | 80.230 | 568. | 26 | |
| 189 | 3.00 | 1.71 | 3.41 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 12 | |
| 190 | 3.00 | 2.52 | 5.02 | 1.41 | 1.40 | 0.00 | 42.657 | 511. | 12 | 187 186 |
| 191 | 3.00 | 2.25 | 3.57 | 3.67 | 4.20 | 3.84 | 73.767 | 564. | 11 | 187 186 |
| 192 | 3.00 | 2.41 | 4.58 | 1.10 | 1.04 | 0.00 | 0.000 | 580. | 16 | 824 #176 |
| (1 missing vial) | | | | | | | | | | |
| 194 | 3.00 | 2.88 | 5.81 | 0.00 | 0.00 | 0.00 | 24.794 | 589. | 13 | 824 white 1 |
| 195 | 3.00 | 1.50 | 3.10 | 0.00 | 0.00 | 0.17 | 0.000 | 557. | 20 | |
| 196 | 3.00 | 2.83 | 5.44 | 1.34 | 1.29 | 2.51 | 3.065 | 564. | 16 | |
| 197 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.17 | 0.000 | 584. | 22 | |
| 198 | 3.00 | 0.00 | 0.00 | 4.10 | 5.00 | 0.00 | 136.53 | 579. | 13 | |
| 199 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 569. | 21 | |
| 200 | 3.00 | 1.44 | 2.81 | 0.54 | 0.48 | 0.00 | 123.40 | 563. | 9 | |
| 201 | 3.00 | 3.04 | 6.17 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 18 | |
| 202 | 3.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 69.721 | 589. | 24 | |
| 203 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 16 | |
| 204 | 3.00 | 2.85 | 5.57 | 0.77 | 0.59 | 0.00 | 33.235 | 579. | 10 | |
| 205 | 3.00 | 2.00 | 3.55 | 1.67 | 1.79 | 0.00 | 3.278 | 589. | 7 | |
| 206 | 3.00 | 1.31 | 2.68 | 0.00 | 0.00 | 0.00 | 0.000 | 571. | 24 | |
| 207 | 3.00 | 0.44 | 0.69 | 0.70 | 0.80 | 0.51 | 131.59 | 589. | 19 | |
| 208 | 3.00 | 4.05 | 8.25 | 0.00 | 0.00 | 0.00 | 9.417 | 576. | 4 | |
| 209 | 3.00 | 2.56 | 4.70 | 1.84 | 1.92 | 0.00 | 22.612 | 575. | 11 | |
| 210 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 558. | 21 | |
| 211 | 3.00 | 3.61 | 6.69 | 2.26 | 2.31 | 0.45 | 72.267 | 578. | 16 | |
| 212 | 3.00 | 3.00 | 5.55 | 1.67 | 1.67 | 0.84 | 114.64 | 594. | 7 | |
| 213 | 3.00 | 2.10 | 4.29 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 13 | |
| 214 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.51 | 0.000 | 486. | 7 | Rm824 white 21 |

P 4 of 6

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-----|--------------|
| 215 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 20 | Rm824 #22 |
| 216 | 3.00 | 0.00 | 0.00 | 1.29 | 1.57 | 0.00 | 1098.8 | 550. | 19 | |
| 217 | 3.00 | 2.79 | 4.61 | 3.80 | 4.29 | 0.00 | 46.901 | 574. | 10 | |
| 218 | 3.00 | 2.03 | 4.15 | 0.00 | 0.00 | 0.00 | 0.000 | 569. | 6 | |
| 219 | 3.00 | 0.42 | 0.87 | 0.00 | 0.00 | 0.17 | 0.000 | 565. | 13 | |
| 220 | 3.00 | 1.35 | 2.75 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 16 | |
| 221 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 559. | 21 | |
| 222 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 11 | |
| 223 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.45 | 0.000 | 599. | 33 | |
| 224 | 3.00 | 0.00 | 0.00 | 0.08 | 0.09 | 0.51 | 0.000 | 588. | 20 | |
| 225 | 3.00 | 5.89 | 11.16 | 2.73 | 2.60 | 0.00 | 44.358 | 582. | 8 | |
| 226 | 3.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.84 | 0.000 | 473. | 13 | |
| 227 | 3.00 | 3.80 | 7.18 | 2.12 | 2.11 | 0.00 | 40.894 | 571. | 11 | |
| 228 | 3.00 | 1.18 | 2.36 | 0.07 | 0.00 | 0.00 | 17.927 | 591. | 13 | |
| 229 | 3.00 | 0.02 | 0.05 | 0.00 | 0.00 | 0.51 | 0.000 | 489. | 8 | |
| 230 | 3.00 | 0.00 | 0.00 | 2.01 | 2.44 | 0.00 | 404.71 | 589. | 21 | |
| 231 | 3.00 | 1.65 | 2.71 | 2.25 | 2.53 | 0.84 | 81.405 | 581. | 13 | |
| 232 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 18 | |
| 233 | 3.00 | 1.22 | 2.20 | 1.01 | 1.08 | 2.17 | 131.93 | 577. | 14 | |
| 234 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.17 | 0.000 | 574. | 24 | |
| 235 | 3.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.000 | 583. | 17 | |
| 236 | 3.00 | 1.69 | 3.48 | 0.00 | 0.00 | 0.00 | 58.145 | 563. | 15 | |
| 237 | 3.00 | 1.79 | 3.65 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 16 | |
| 238 | 3.00 | 1.55 | 1.91 | 4.64 | 5.47 | 0.00 | 108.12 | 537. | 12 | |
| 239 | 3.00 | 4.54 | 8.86 | 1.50 | 1.26 | 0.00 | 39.379 | 570. | 5 | 824#46 white |
| (3 missing vials) | | | | | | | | | | |
| 243 | 3.00 | 0.42 | 0.85 | 0.00 | 0.00 | 0.00 | 0.000 | 568. | 15 | 825 #1 |
| 244 | 3.00 | 1.58 | 2.95 | 1.01 | 1.04 | 0.00 | 66.430 | 567. | 12 | |
| 245 | 3.00 | 2.59 | 4.20 | 3.77 | 4.28 | 0.00 | 71.697 | 578. | 5 | |
| 246 | 3.00 | 2.56 | 4.72 | 1.80 | 1.88 | 0.00 | 98.568 | 574. | 5 | |
| 247 | 3.00 | 1.03 | 1.58 | 1.84 | 2.12 | 0.51 | 134.71 | 568. | 15 | |
| 248 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.000 | 578. | 8 | |
| 249 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 9 | |
| 250 | 3.00 | 2.36 | 4.86 | 0.01 | 0.00 | 0.00 | 99.127 | 562. | 6 | |
| 251 | 3.00 | 0.00 | 0.00 | 2.69 | 3.28 | 0.00 | 266.21 | 568. | 8 | |
| 252 | 3.00 | 2.74 | 5.33 | 0.90 | 0.76 | 0.00 | 0.000 | 576. | 9 | |
| 253 | 3.00 | 3.55 | 6.39 | 3.01 | 3.23 | 0.00 | 87.131 | 575. | 12 | |
| 254 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 557. | 23 | |
| 255 | 3.00 | 2.17 | 3.88 | 1.70 | 1.80 | 1.51 | 54.143 | 593. | 14 | |
| 256 | 3.00 | 2.63 | 5.37 | 0.00 | 0.00 | 0.00 | 63.084 | 573. | 6 | |
| 257 | 3.00 | 0.00 | 0.00 | 0.93 | 1.13 | 0.84 | 22168. | 554. | 25 | |
| 258 | 3.00 | 3.54 | 7.02 | 0.80 | 0.54 | 2.17 | 26.317 | 570. | 7 | |
| 259 | 3.00 | 1.10 | 2.06 | 0.71 | 0.73 | 0.00 | 0.000 | 560. | 9 | |
| 260 | 3.00 | 1.59 | 3.15 | 0.39 | 0.28 | 0.00 | 57.908 | 564. | 9 | |
| 261 | 3.00 | 0.97 | 2.01 | 0.00 | 0.00 | 1.51 | 0.000 | 554. | 11 | |
| 262 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.000 | 580. | 15 | |
| 263 | 3.00 | 1.05 | 2.10 | 0.12 | 0.02 | 0.51 | 0.000 | 576. | 18 | |
| 264 | 3.00 | 0.51 | 0.94 | 0.38 | 0.41 | 0.00 | 0.000 | 564. | 15 | |
| 265 | 3.00 | 2.37 | 4.46 | 1.64 | 1.71 | 1.84 | 10.904 | 547. | 7 | |
| 266 | 3.00 | 0.38 | 0.44 | 1.21 | 1.42 | 0.00 | 0.000 | 563. | 13 | |
| 267 | 3.00 | 0.00 | 0.00 | 1.34 | 1.64 | 1.17 | 632.38 | 551. | 4 | |
| 268 | 3.00 | 0.00 | 0.00 | 3.26 | 3.98 | 0.00 | 170.72 | 554. | 6 | |
| 269 | 3.00 | 3.08 | 6.24 | 0.34 | 0.04 | 0.00 | 62.334 | 564. | 2 | |
| 270 | 3.00 | 1.12 | 2.38 | 0.00 | 0.00 | 4.17 | 33.490 | 532. | 6 | |
| 271 | 3.00 | 0.78 | 1.60 | 0.00 | 0.00 | 0.17 | 0.000 | 575. | 8 | |
| 272 | 3.00 | 2.39 | 4.76 | 0.50 | 0.32 | 0.00 | 0.892 | 569. | 14 | Rm825 #30 |

P 5066

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|-------|-------|-------|------|--------|------|-----|----------|
| 273 | 3.00 | 1.83 | 3.75 | 0.00 | 0.00 | 0.00 | 642.54 | 567. | 8 | Rm825#31 |
| 274 | 3.00 | 2.19 | 4.53 | 0.00 | 0.00 | 0.00 | 0.000 | 559. | 2 | |
| 275 | 3.00 | 6.15 | 12.39 | 0.18 | 0.00 | 0.00 | 65.635 | 585. | 6 | |
| 276 | 3.00 | 0.00 | 0.00 | 1.20 | 1.47 | 1.51 | 43.845 | 563. | 10 | |
| 277 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 482. | 19 | |
| 278 | 3.00 | 0.00 | 0.00 | 0.25 | 0.31 | 0.00 | 0.000 | 549. | 14 | |
| 279 | 3.00 | 0.09 | 0.18 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 13 | |
| 280 | 3.00 | 0.72 | 0.59 | 3.11 | 3.70 | 0.00 | 64.220 | 563. | 4 | |
| 281 | 3.00 | 3.02 | 6.53 | 0.00 | 0.00 | 0.00 | 0.000 | 511. | 2 | |
| 282 | 3.00 | 3.33 | 5.28 | 5.34 | 6.10 | 0.00 | 69.239 | 574. | 6 | |
| 283 | 3.00 | 0.00 | 0.00 | 1.34 | 1.63 | 0.00 | 182.11 | 566. | 11 | |
| 284 | 3.00 | 0.03 | 0.05 | 0.01 | 0.01 | 0.00 | 125.65 | 481. | 7 | Rm825#32 |
| (1 missing vial) | | | | | | | | | | |
| 286 | 3.00 | 2.55 | 4.78 | 1.46 | 1.46 | 0.00 | 69.932 | 575. | 7 | Rm825#44 |
| 287 | 3.00 | 4.77 | 9.20 | 1.79 | 1.60 | 1.51 | 24.391 | 575. | 12 | |
| 288 | 3.00 | 1.67 | 2.95 | 1.62 | 1.76 | 0.00 | 15.381 | 572. | 10 | |
| 289 | 3.00 | 3.51 | 6.09 | 3.83 | 4.23 | 2.84 | 72.514 | 569. | 6 | |
| 290 | 3.00 | 2.72 | 4.52 | 3.67 | 4.14 | 1.17 | 87.450 | 569. | 3 | |
| 291 | 3.00 | 2.25 | 4.57 | 0.00 | 0.00 | 0.00 | 62.904 | 578. | 13 | |
| 292 | 3.00 | 1.19 | 2.44 | 0.00 | 0.00 | 0.00 | 0.000 | 568. | 6 | Rm825#50 |
| 293 | 3.00 | 1.48 | 3.04 | 0.00 | 0.00 | 0.17 | 98.117 | 570. | 10 | X |
| 294 | 3.00 | 2.87 | 5.45 | 1.50 | 1.47 | 0.00 | 0.000 | 569. | 5 | |
| 295 | 3.00 | 2.93 | 5.64 | 1.35 | 1.28 | 1.17 | 25.072 | 567. | 10 | Rm825#53 |
| (5 missing vials) | | | | | | | | | | |
| 301 | 3.00 | 0.42 | 0.52 | 1.20 | 1.40 | 3.84 | 217.97 | 564. | 11 | Rm825#59 |
| 302 | 3.00 | 2.34 | 1.80 | 10.58 | 12.60 | 0.00 | 82.154 | 558. | 8 | |
| 303 | 3.00 | 2.25 | 4.59 | 0.00 | 0.00 | 0.00 | 121.91 | 578. | 6 | |
| 304 | 3.00 | 0.00 | 0.00 | 2.02 | 2.47 | 0.00 | 28.258 | 539. | 24 | |
| 305 | 3.00 | 4.18 | 8.42 | 0.16 | 0.00 | 1.51 | 3.996 | 582. | 7 | |
| 306 | 3.00 | 3.61 | 7.29 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 8 | |
| 307 | 3.00 | 3.44 | 6.47 | 2.23 | 2.29 | 0.00 | 66.714 | 559. | 6 | |
| 308 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.17 | 0.000 | 567. | 10 | |
| 309 | 3.00 | 2.38 | 4.82 | 0.27 | 0.03 | 0.00 | 82.211 | 563. | 9 | |
| 310 | 3.00 | 2.04 | 3.33 | 3.04 | 3.46 | 0.00 | 54.722 | 565. | 2 | |
| 311 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 557. | 13 | Rm825#69 |

Room825
Whites 1-10

Hallway
817/818
area

~~25B~~ Lakeside Hosp 2SB02, 2SB03, 2SB05, 2SB05A
 2SB07, ~~2SB08~~

Protocol #:26 Name:Decommissioning2 14-Jun-2004 08:01

Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00

Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00

Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00

Time = 3.00 QIP = tSIE/AEC ES Terminator = Count

VA Lakeside Campus Packard LSC A2100 SNo 414354

Conventional DPM

Nuclide 1 = 273850 Nuclide 2 = 127200

Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|----------------|
| 1 | 10.00 | 8.29 | | 10.72 | | 7.60 | 58.262 | 583. | 6 | B |
| 2 | 3.00 | 16492.5 | 488.64 | 114659. | 133457. | 651.56 | 164.05 | 1008 | 0 | E |
| 3 | 3.00 | 105307. | 171225. | 8748.62 | 0.00 | 0.73 | 20.239 | 1007 | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.000 | 999. | 26 | E |
| (2 missing vials) | | | | | | | | | | |
| 7 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.40 | 0.000 | 572. | 15 | 2SB02 #1 |
| 8 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.73 | 0.000 | 568. | 25 | |
| 9 | 3.00 | 1.69 | 3.76 | 0.00 | 0.00 | 0.00 | 0.000 | 566. | 2 | |
| 10 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 23 | |
| 11 | 3.00 | 0.00 | 0.00 | 0.84 | 1.02 | 0.00 | 228.44 | 572. | 13 | |
| 12 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.000 | 579. | 21 | |
| 13 | 3.00 | 0.52 | 1.12 | 0.00 | 0.00 | 1.07 | 247.12 | 598. | 12 | |
| 14 | 3.00 | 2.16 | 4.74 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 14 | |
| 15 | 3.00 | 0.00 | 0.00 | 1.61 | 1.95 | 2.07 | 0.000 | 580. | 28 | |
| 16 | 3.00 | 0.94 | 2.03 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 8 | |
| 17 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.39 | 0.000 | 586. | 6 | |
| 18 | 3.00 | 0.15 | 0.00 | 2.42 | 2.92 | 0.00 | 86.097 | 571. | 5 | |
| 19 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 574. | 9 | |
| 20 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 75.527 | 584. | 18 | |
| 21 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.07 | 0.000 | 595. | 6 | |
| 22 | 3.00 | 0.52 | 1.13 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 11 | |
| 23 | 3.00 | 0.28 | 0.54 | 0.24 | 0.25 | 0.00 | 452.09 | 600. | 8 | |
| 24 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 14 | |
| 25 | 3.00 | 0.00 | 0.00 | 1.71 | 2.06 | 0.73 | 202.35 | 579. | 13 | |
| 26 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.07 | 0.000 | 588. | 20 | |
| 27 | 3.00 | 1.53 | 3.33 | 0.00 | 0.00 | 0.00 | 25.185 | 590. | 9 | |
| 28 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 575. | 15 | |
| 29 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 14 | |
| 30 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.40 | 0.000 | 588. | 12 | |
| 31 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.40 | 0.000 | 589. | 7 | |
| 32 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.000 | 589. | 24 | |
| 33 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 601. | 8 | |
| 34 | 3.00 | 0.00 | 0.00 | 0.28 | 0.34 | 3.73 | 0.000 | 570. | 38 | 2SB02 #28 |
| 35 | 3.00 | 0.00 | 0.00 | 0.28 | 0.34 | 1.73 | 0.000 | 594. | 23 | 2SB02 sink P.f |
| (1 missing vial) | | | | | | | | | | |
| 37 | 3.00 | 0.00 | 0.00 | 0.61 | 0.74 | 2.73 | 0.000 | 584. | 14 | 2SB03 #1 |
| 38 | 3.00 | 1.17 | 2.58 | 0.00 | 0.00 | 0.73 | 131.36 | 579. | 7 | |
| 39 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.000 | 555. | 10 | |
| 40 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 11 | |
| 41 | 3.00 | 0.29 | 0.65 | 0.00 | 0.00 | 0.40 | 0.000 | 576. | 17 | |
| 42 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.07 | 0.000 | 587. | 13 | |
| 43 | 3.00 | 0.42 | 0.91 | 0.00 | 0.00 | 4.40 | 0.000 | 586. | 15 | |
| 44 | 3.00 | 0.00 | 0.00 | 0.52 | 0.62 | 0.00 | 0.000 | 557. | 23 | |
| 45 | 3.00 | 0.36 | 0.78 | 0.00 | 0.00 | 0.07 | 0.000 | 581. | 18 | |
| 46 | 3.00 | 1.35 | 3.03 | 0.00 | 0.00 | 1.40 | 0.000 | 559. | 8 | |
| 47 | 3.00 | 0.00 | 0.00 | 0.61 | 0.74 | 0.00 | 79.364 | 539. | 12 | 2SB03 #11 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|------|------|------|------|--------|------|-----|-------------|
| 48 | 3.00 | 0.00 | 0.00 | 0.23 | 0.28 | 1.40 | 0.000 | 549. | 13 | Rm2SB03 #12 |
| 49 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.000 | 587. | 14 | |
| 50 | 3.00 | 0.16 | 0.26 | 0.28 | 0.32 | 1.07 | 287.54 | 594. | 13 | |
| 51 | 3.00 | 3.88 | 8.41 | 0.00 | 0.00 | 1.07 | 0.000 | 596. | 9 | |
| 52 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.000 | 590. | 21 | |
| 53 | 3.00 | 0.00 | 0.00 | 1.29 | 1.55 | 0.00 | 0.000 | 593. | 24 | |
| 54 | 3.00 | 0.00 | 0.00 | 0.86 | 1.04 | 0.00 | 0.000 | 600. | 17 | |
| 55 | 3.00 | 0.00 | 0.00 | 1.90 | 2.30 | 0.00 | 0.000 | 600. | 18 | |
| 56 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 20. | |
| 57 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.000 | 577. | 26 | |
| 58 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 25 | |
| 59 | 3.00 | 1.24 | 2.01 | 2.28 | 2.61 | 0.07 | 86.418 | 590. | 7 | |
| 60 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 586. | 12 | |
| 61 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.000 | 599. | 13 | |
| 62 | 3.00 | 0.00 | 0.00 | 1.15 | 1.39 | 0.00 | 2870.2 | 583. | 13 | |
| 63 | 3.00 | 0.57 | 1.27 | 0.00 | 0.00 | 0.07 | 0.000 | 570. | 11 | |
| 64 | 3.00 | 0.00 | 0.00 | 2.61 | 3.16 | 0.00 | 293.39 | 571. | 19 | |
| 65 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.000 | 599. | 19 | |
| 66 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 20. | |
| 67 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 16 | |
| 68 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 17 | |
| 69 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 23 | |
| 70 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 12 | |
| 71 | 3.00 | 0.00 | 0.00 | 2.95 | 3.56 | 0.73 | 75.486 | 591. | 15 | |
| 72 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.73 | 0.000 | 583. | 23 | |
| 73 | 3.00 | 0.00 | 0.00 | 0.95 | 1.14 | 1.73 | 171.15 | 602. | 15 | |
| 74 | 3.00 | 0.00 | 0.00 | 1.81 | 2.19 | 0.00 | 119.90 | 578. | 13 | |
| 75 | 3.00 | 0.40 | 0.47 | 1.34 | 1.57 | 0.00 | 31.756 | 584. | 14 | |
| 76 | 3.00 | 1.17 | 2.56 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 5. | |
| 77 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 23 | |
| 78 | 3.00 | 0.00 | 0.00 | 1.97 | 2.38 | 0.07 | 0.000 | 590. | 9 | |
| 79 | 3.00 | 0.00 | 0.00 | 1.12 | 1.35 | 0.40 | 0.000 | 587. | 15 | |
| 80 | 3.00 | 0.00 | 0.00 | 3.34 | 4.03 | 0.94 | 154.91 | 599. | 16 | |
| 81 | 3.00 | 0.00 | 0.00 | 0.28 | 0.34 | 0.00 | 0.000 | 581. | 23 | |
| 82 | 3.00 | 0.00 | 0.00 | 0.28 | 0.34 | 0.00 | 0.000 | 578. | 14 | |
| 83 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.000 | 580. | 17 | |
| 84 | 3.00 | 1.24 | 2.68 | 0.00 | 0.00 | 0.40 | 129.41 | 598. | 8 | |
| 85 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.07 | 0.000 | 586. | 8 | |
| 86 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 8. | |
| 87 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.73 | 0.000 | 586. | 17 | |
| 88 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 12 | |
| 89 | 3.00 | 2.12 | 4.57 | 0.00 | 0.00 | 0.07 | 0.000 | 600. | 18 | |
| 90 | 3.00 | 2.40 | 5.25 | 0.12 | 0.00 | 0.00 | 0.000 | 580. | 8 | 2SB03 #54 |
| (2 missing vials) | | | | | | | | | | |
| 93 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 17 | 2SB 05 #1 |
| 94 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 8 | |
| 95 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 226.76 | 592. | 16 | |
| 96 | 3.00 | 0.00 | 0.00 | 0.26 | 0.32 | 0.00 | 0.000 | 596. | 13 | |
| 97 | 3.00 | 0.00 | 0.00 | 1.17 | 1.42 | 0.00 | 705.93 | 602. | 9 | |
| 98 | 3.00 | 0.00 | 0.00 | 0.87 | 1.05 | 1.07 | 129.11 | 605. | 19 | |
| 99 | 3.00 | 0.56 | 1.20 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 15 | |
| 100 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 15 | |
| 101 | 3.00 | 0.04 | 0.09 | 0.00 | 0.00 | 1.73 | 0.000 | 580. | 16 | |
| 102 | 3.00 | 0.00 | 0.00 | 1.88 | 2.27 | 0.07 | 335.06 | 604. | 10. | |
| 103 | 3.00 | 0.19 | 0.40 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 13 | |
| 104 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.40 | 0.000 | 599. | 20 | Rm2SB05 #12 |

2 of 8

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|------------------|------|------|------|------|------|------|--------|------|-----|--------------|
| 105 | 3.00 | 0.00 | 0.00 | 0.58 | 0.71 | 1.73 | 251.30 | 598. | 20 | Rm2SB05 #13 |
| 106 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 604. | 23 | |
| 107 | 3.00 | 3.53 | 7.65 | 0.00 | 0.00 | 3.40 | 37.729 | 595. | 10 | |
| 108 | 3.00 | 0.00 | 0.00 | 0.51 | 0.62 | 1.07 | 77.907 | 608. | 15 | |
| 109 | 3.00 | 0.29 | 0.62 | 0.00 | 0.00 | 0.40 | 0.000 | 597. | 10 | |
| 110 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 20 | |
| 111 | 3.00 | 1.55 | 3.36 | 0.00 | 0.00 | 0.40 | 0.000 | 592. | 11 | |
| 112 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 13 | |
| 113 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 586. | 16 | |
| 114 | 3.00 | 0.62 | 1.33 | 0.00 | 0.00 | 0.00 | 0.000 | 613. | 22 | |
| 115 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 24 | |
| 116 | 3.00 | 0.00 | 0.00 | 0.95 | 1.14 | 4.07 | 191.65 | 600. | 13 | |
| 117 | 3.00 | 1.77 | 3.92 | 0.00 | 0.00 | 0.61 | 930.39 | 571. | 17 | |
| 118 | 3.00 | 0.00 | 0.00 | 1.61 | 1.95 | 0.00 | 0.000 | 589. | 26 | |
| 119 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 618. | 12 | |
| 120 | 3.00 | 0.00 | 0.00 | 1.06 | 1.28 | 0.00 | 0.000 | 585. | 24 | |
| 121 | 3.00 | 0.00 | 0.00 | 0.86 | 1.04 | 0.00 | 20.271 | 600. | 18 | |
| 122 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 13 | |
| 123 | 3.00 | 0.00 | 0.00 | 0.61 | 0.74 | 0.00 | 0.000 | 579. | 9 | |
| 124 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.000 | 603. | 21 | |
| 125 | 3.00 | 1.38 | 3.00 | 0.00 | 0.00 | 2.07 | 0.000 | 594. | 19 | |
| 126 | 3.00 | 0.00 | 0.00 | 1.26 | 1.52 | 0.00 | 745.86 | 595. | 19 | |
| 127 | 3.00 | 0.81 | 1.76 | 0.00 | 0.00 | 1.73 | 24.155 | 592. | 13 | |
| 128 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.000 | 615. | 26 | |
| 129 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.56 | 0.000 | 584. | 24 | 2SB05 #37 |
| (1 missing vial) | | | | | | | | | | |
| 131 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.000 | 592. | 17 | 2SB05A #1 |
| 132 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 16 | |
| 133 | 3.00 | 2.84 | 6.18 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 12 | |
| 134 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.000 | 597. | 24 | |
| 135 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.40 | 0.000 | 588. | 14 | |
| 136 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 16 | |
| 137 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.40 | 0.000 | 596. | 22 | |
| 138 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.73 | 0.000 | 586. | 32 | |
| 139 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 19 | |
| 140 | 3.00 | 0.69 | 1.10 | 1.33 | 1.53 | 1.73 | 67.791 | 590. | 16 | |
| 141 | 3.00 | 0.41 | 0.91 | 0.00 | 0.00 | 0.00 | 144.71 | 577. | 12 | |
| 142 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.40 | 0.000 | 559. | 15 | |
| 143 | 3.00 | 0.00 | 0.00 | 1.95 | 2.35 | 0.00 | 0.000 | 591. | 22 | |
| 144 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 14 | |
| 145 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 20 | |
| 146 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 594. | 14 | |
| 147 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 596. | 32 | |
| 148 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.000 | 574. | 21 | |
| 149 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 27 | |
| 150 | 3.00 | 0.08 | 0.17 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 18 | |
| 151 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.73 | 31.238 | 592. | 19 | |
| 152 | 3.00 | 0.51 | 0.92 | 0.60 | 0.66 | 0.00 | 76.983 | 595. | 13 | |
| 153 | 3.00 | 0.18 | 0.00 | 2.61 | 3.14 | 0.73 | 117.12 | 593. | 10 | |
| 154 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 18 | |
| 155 | 3.00 | 0.00 | 0.00 | 0.27 | 0.33 | 0.40 | 0.000 | 594. | 15 | |
| 156 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 17 | |
| 157 | 3.00 | 0.00 | 0.00 | 2.28 | 2.76 | 0.00 | 78.065 | 586. | 5 | |
| 158 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 17 | |
| 159 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 22 | |
| 160 | 3.00 | 0.80 | 1.74 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 16 | Rm2SB05A #30 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-----|------|------|-------|------|------|------|--------|------|-----|---------------|
| 161 | 3.00 | 2.93 | 6.35 | 0.00 | 0.00 | 2.07 | 57.984 | 596. | 8 | Am 25BOSA #31 |
| 162 | 3.00 | 0.00 | 0.00 | 3.28 | 3.97 | 0.00 | 83.814 | 583. | 14 | |
| 163 | 3.00 | 0.00 | 0.00 | 1.95 | 2.35 | 1.40 | 60.250 | 586. | 15 | |
| 164 | 3.00 | 3.57 | 7.86 | 0.00 | 0.00 | 2.07 | 0.000 | 581. | 8 | |
| 165 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.000 | 598. | 25 | |
| 166 | 3.00 | 0.00 | 0.00 | 1.45 | 1.75 | 0.07 | 190.88 | 587. | 8 | |
| 167 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.40 | 0.000 | 594. | 27 | |
| 168 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.000 | 589. | 10 | |
| 169 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 574. | 8 | |
| 170 | 3.00 | 0.00 | 0.00 | 0.76 | 0.92 | 0.00 | 0.000 | 582. | 18 | |
| 171 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 593. | 16 | |
| 172 | 3.00 | 0.60 | 0.01 | 4.28 | 5.10 | 1.73 | 92.620 | 575. | 6 | |
| 173 | 3.00 | 0.00 | 0.00 | 1.40 | 1.69 | 0.00 | 0.000 | 584. | 13 | |
| 174 | 3.00 | 0.27 | 0.58 | 0.00 | 0.00 | 1.73 | 0.000 | 602. | 11 | |
| 175 | 3.00 | 0.27 | 0.59 | 0.00 | 0.00 | 0.40 | 0.000 | 582. | 8 | |
| 176 | 3.00 | 1.19 | 2.62 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 11 | |
| 177 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 26 | |
| 178 | 3.00 | 0.00 | 0.00 | 1.61 | 1.95 | 2.73 | 0.748 | 589. | 11 | |
| 179 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.07 | 0.000 | 569. | 17 | |
| 180 | 3.00 | 0.58 | 1.26 | 0.00 | 0.00 | 0.07 | 0.000 | 600. | 10 | |
| 181 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 5 | |
| 182 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.73 | 0.000 | 593. | 26 | |
| 183 | 3.00 | 0.00 | 0.00 | 0.30 | 0.36 | 1.40 | 0.000 | 591. | 20 | |
| 184 | 3.00 | 0.24 | 0.52 | 0.00 | 0.00 | 0.40 | 0.000 | 600. | 10 | |
| 185 | 3.00 | 0.24 | 0.03 | 1.61 | 1.92 | 3.07 | 204.74 | 586. | 8 | |
| 186 | 3.00 | 0.00 | 0.00 | 0.28 | 0.34 | 1.40 | 0.000 | 596. | 6 | |
| 187 | 3.00 | 0.00 | 0.00 | 2.28 | 2.75 | 2.40 | 128.97 | 594. | 18 | |
| 188 | 3.00 | 2.55 | 5.54 | 0.00 | 0.00 | 0.40 | 0.000 | 592. | 8 | |
| 189 | 3.00 | 1.23 | 2.68 | 0.00 | 0.00 | 2.73 | 0.000 | 592. | 8 | |
| 190 | 3.00 | 0.00 | 0.00 | 0.40 | 0.48 | 0.00 | 0.000 | 602. | 23 | |
| 191 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 603. | 14 | |
| 192 | 3.00 | 0.00 | 0.00 | 1.06 | 1.29 | 0.00 | 5685.9 | 588. | 14 | |
| 193 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.000 | 590. | 18 | |
| 194 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.000 | 608. | 22 | |
| 195 | 3.00 | 2.32 | 4.34 | 2.26 | 2.46 | 3.40 | 5.208 | 596. | 4 | |
| 196 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 20 | |
| 197 | 3.00 | 1.57 | 3.32 | 0.23 | 0.10 | 0.00 | 103.00 | 598. | 11 | |
| 198 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.000 | 588. | 21 | |
| 199 | 3.00 | 3.88 | 7.85 | 1.95 | 1.90 | 0.73 | 49.316 | 591. | 8 | |
| 200 | 3.00 | 0.00 | 0.00 | 1.87 | 2.26 | 1.07 | 182.90 | 605. | 10 | |
| 201 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.000 | 585. | 24 | |
| 202 | 3.00 | 0.78 | 1.46 | 0.74 | 0.80 | 0.07 | 32.088 | 602. | 8 | |
| 203 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.56 | 0.000 | 603. | 10 | |
| 204 | 3.00 | 5.04 | 10.80 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 10 | |
| 205 | 3.00 | 4.00 | 7.63 | 3.22 | 3.43 | 0.00 | 33.903 | 603. | 5 | |
| 206 | 3.00 | 0.00 | 0.00 | 1.56 | 1.89 | 1.73 | 42.080 | 597. | 17 | |
| 207 | 3.00 | 0.00 | 0.00 | 0.97 | 1.18 | 0.07 | 225.50 | 592. | 5 | |
| 208 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.07 | 0.000 | 591. | 13 | |
| 209 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 15 | |
| 210 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 20 | |
| 211 | 3.00 | 0.16 | 0.34 | 0.00 | 0.00 | 0.73 | 0.000 | 594. | 14 | |
| 212 | 3.00 | 0.00 | 0.00 | 3.28 | 3.96 | 0.00 | 143.71 | 603. | 13 | |
| 213 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 10 | |
| 214 | 3.00 | 0.64 | 1.37 | 0.00 | 0.00 | 1.07 | 0.000 | 604. | 14 | |
| 215 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 599. | 14 | |
| 216 | 3.00 | 0.00 | 0.00 | 2.95 | 3.56 | 1.40 | 80.663 | 579. | 11 | Am 25BOSA #86 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | LSIE | LUM | FLAG |
|-----|------|------|------|------|------|------|--------|------|-----|--------------|
| 217 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 610. | 6 | Rm25B05A#87 |
| 218 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 4 | |
| 219 | 3.00 | 0.00 | 0.00 | 1.04 | 1.25 | 0.00 | 0.000 | 589. | 19 | |
| 220 | 3.00 | 0.68 | 1.48 | 0.00 | 0.00 | 4.73 | 133.86 | 587. | 16 | |
| 221 | 3.00 | 0.49 | 1.06 | 0.00 | 0.00 | 0.00 | 260.63 | 591. | 12 | |
| 222 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 14 | |
| 223 | 3.00 | 1.40 | 3.06 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 14 | |
| 224 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 19 | |
| 225 | 3.00 | 3.34 | 7.11 | 0.21 | 0.00 | 0.00 | 0.000 | 603. | 6 | |
| 226 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.73 | 0.000 | 584. | 17 | |
| 227 | 3.00 | 1.34 | 2.92 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 2 | |
| 228 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.000 | 594. | 17 | |
| 229 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 13 | |
| 230 | 3.00 | 1.35 | 2.54 | 1.20 | 1.29 | 0.00 | 92.187 | 605. | 6 | |
| 231 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 17 | |
| 232 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.000 | 588. | 19 | |
| 233 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.07 | 0.000 | 596. | 23 | |
| 234 | 3.00 | 3.75 | 8.08 | 0.00 | 0.00 | 1.73 | 0.188 | 601. | 3 | |
| 235 | 3.00 | 3.27 | 7.11 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 7 | |
| 236 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 19 | |
| 237 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 603. | 20 | |
| 238 | 3.00 | 0.00 | 0.00 | 0.26 | 0.31 | 2.07 | 0.000 | 597. | 18 | |
| 239 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.07 | 12696. | 595. | 12 | |
| 240 | 3.00 | 0.44 | 0.94 | 0.00 | 0.00 | 1.40 | 0.000 | 600. | 17 | |
| 241 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 615. | 23 | |
| 242 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 19.181 | 624. | 16 | |
| 243 | 3.00 | 0.00 | 0.00 | 0.85 | 1.03 | 1.73 | 0.000 | 601. | 13 | |
| 244 | 3.00 | 2.04 | 4.40 | 0.00 | 0.00 | 0.07 | 0.000 | 602. | 7 | |
| 245 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.000 | 597. | 8 | |
| 246 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.000 | 598. | 25 | |
| 247 | 3.00 | 0.00 | 0.00 | 1.46 | 1.76 | 0.00 | 0.000 | 605. | 18 | |
| 248 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 21 | |
| 249 | 3.00 | 1.97 | 4.24 | 0.00 | 0.00 | 2.07 | 0.000 | 602. | 11 | |
| 250 | 3.00 | 0.00 | 0.00 | 1.21 | 1.46 | 0.40 | 767.08 | 604. | 23 | |
| 251 | 3.00 | 0.35 | 0.75 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 13 | |
| 252 | 3.00 | 1.60 | 3.45 | 0.00 | 0.00 | 0.07 | 0.000 | 601. | 7 | |
| 253 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.07 | 0.000 | 602. | 17 | |
| 254 | 3.00 | 1.23 | 2.70 | 0.01 | 0.00 | 0.07 | 40.241 | 584. | 5 | |
| 255 | 3.00 | 1.28 | 2.76 | 0.00 | 0.00 | 0.73 | 256.53 | 599. | 9 | |
| 256 | 3.00 | 0.00 | 0.00 | 1.01 | 1.22 | 0.00 | 109.78 | 576. | 9 | |
| 257 | 3.00 | 0.83 | 1.22 | 1.91 | 2.21 | 0.00 | 87.422 | 600. | 13 | |
| 258 | 3.00 | 2.28 | 4.91 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 13 | |
| 259 | 3.00 | 0.37 | 0.73 | 0.29 | 0.30 | 0.00 | 259.33 | 593. | 18 | |
| 260 | 3.00 | 1.57 | 3.37 | 0.00 | 0.00 | 0.07 | 0.000 | 605. | 14 | |
| 261 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 27 | |
| 262 | 3.00 | 2.13 | 4.58 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 16 | |
| 263 | 3.00 | 0.74 | 1.61 | 0.00 | 0.00 | 1.40 | 0.000 | 596. | 18 | |
| 264 | 3.00 | 0.00 | 0.00 | 0.20 | 0.24 | 0.00 | 0.000 | 605. | 12 | |
| 265 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.73 | 0.000 | 603. | 17 | |
| 266 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 12 | |
| 267 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.000 | 597. | 22 | |
| 268 | 3.00 | 0.00 | 0.00 | 0.61 | 0.74 | 1.40 | 0.000 | 598. | 20 | |
| 269 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 16 | |
| 270 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 18 | |
| 271 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 18 | |
| 272 | 3.00 | 0.00 | 0.00 | 0.30 | 0.36 | 0.00 | 0.000 | 591. | 10 | Rm25B05A#142 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|------------------|------|------|------|------|------|------|--------|------|-----|---------------|
| 273 | 3.00 | 2.16 | 4.69 | 0.00 | 0.00 | 1.73 | 27.085 | 592. | 11 | Rm 25B05A #14 |
| 274 | 3.00 | 0.00 | 0.00 | 1.28 | 1.54 | 2.95 | 0.000 | 603. | 18 | |
| 275 | 3.00 | 0.42 | 0.92 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 14 | |
| 276 | 3.00 | 0.16 | 0.08 | 0.91 | 1.08 | 0.07 | 0.000 | 570. | 14 | |
| 277 | 3.00 | 1.13 | 2.36 | 0.31 | 0.24 | 1.40 | 0.000 | 592. | 12 | |
| 278 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.73 | 0.000 | 591. | 18 | |
| 279 | 3.00 | 0.00 | 0.00 | 0.29 | 0.35 | 2.07 | 0.000 | 592. | 18 | |
| 280 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.73 | 0.000 | 609. | 17 | |
| 281 | 3.00 | 0.00 | 0.00 | 1.95 | 2.35 | 2.37 | 0.000 | 597. | 11 | |
| 282 | 3.00 | 0.00 | 0.00 | 1.01 | 1.21 | 0.00 | 0.000 | 613. | 12 | |
| 283 | 3.00 | 0.00 | 0.00 | 5.10 | 6.16 | 1.73 | 124.87 | 606. | 21 | |
| 284 | 3.00 | 0.00 | 0.00 | 0.28 | 0.34 | 1.40 | 0.000 | 608. | 16 | |
| 285 | 3.00 | 1.08 | 2.29 | 0.00 | 0.00 | 0.00 | 1794.1 | 617. | 9 | |
| 286 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.07 | 0.000 | 600. | 11 | |
| 287 | 3.00 | 0.74 | 1.31 | 0.95 | 1.06 | 0.00 | 164.83 | 603. | 16 | |
| 288 | 3.00 | 0.00 | 0.00 | 1.95 | 2.35 | 2.07 | 0.000 | 577. | 19 | |
| 289 | 3.00 | 0.00 | 0.00 | 0.17 | 0.21 | 0.00 | 0.000 | 609. | 12 | 25B05A #11 |
| (1 missing vial) | | | | | | | | | | |
| 291 | 3.00 | 2.20 | 3.97 | 2.91 | 3.26 | 0.00 | 34.834 | 571. | 11 | 25B07A #1 |
| 292 | 3.00 | 0.74 | 1.63 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 18 | |
| 293 | 3.00 | 0.62 | 1.37 | 0.00 | 0.00 | 2.07 | 0.000 | 570. | 16 | |
| 294 | 3.00 | 0.00 | 0.00 | 0.65 | 0.79 | 0.00 | 0.000 | 564. | 17 | |
| 295 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.000 | 584. | 23 | |
| 296 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 18 | |
| 297 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.000 | 589. | 22 | |
| 298 | 3.00 | 1.51 | 3.10 | 0.68 | 0.64 | 2.07 | 206.73 | 584. | 8 | |
| 299 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.40 | 0.000 | 578. | 29 | |
| 300 | 3.00 | 0.00 | 0.00 | 0.35 | 0.43 | 0.40 | 20.947 | 582. | 20 | |
| 301 | 3.00 | 0.01 | 0.01 | 0.00 | 0.00 | 1.73 | 0.000 | 608. | 10 | |
| 302 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.000 | 573. | 18 | |
| 303 | 3.00 | 0.00 | 0.00 | 1.61 | 1.95 | 0.00 | 90.903 | 585. | 19 | |
| 304 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 44 | |
| 305 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 26 | |
| 306 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 43 | |
| 307 | 3.00 | 2.39 | 4.84 | 1.35 | 1.35 | 0.00 | 40.880 | 583. | 13 | |
| 308 | 3.00 | 0.00 | 0.00 | 3.95 | 4.77 | 0.00 | 59.736 | 579. | 25 | |
| 309 | 3.00 | 0.74 | 1.34 | 0.92 | 1.03 | 0.00 | 88.561 | 577. | 17 | |
| 310 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.40 | 0.000 | 583. | 14 | |
| 311 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 576. | 22 | |
| 312 | 3.00 | 0.00 | 0.00 | 1.68 | 2.04 | 0.07 | 153.21 | 588. | 19 | |
| 313 | 3.00 | 1.66 | 3.13 | 1.69 | 1.85 | 0.73 | 0.000 | 581. | 15 | |
| 314 | 3.00 | 0.69 | 1.21 | 1.05 | 1.19 | 0.40 | 21.502 | 578. | 14 | |
| 315 | 3.00 | 0.00 | 0.00 | 2.28 | 2.76 | 0.00 | 0.000 | 587. | 9 | |
| 316 | 3.00 | 2.68 | 5.43 | 1.40 | 1.38 | 1.73 | 27.370 | 584. | 12 | |
| 317 | 3.00 | 2.79 | 6.11 | 0.00 | 0.00 | 0.00 | 3.417 | 584. | 11 | |
| 318 | 3.00 | 0.00 | 0.00 | 1.07 | 1.29 | 0.00 | 0.000 | 576. | 18 | |
| 319 | 3.00 | 0.00 | 0.00 | 0.61 | 0.74 | 1.73 | 550.83 | 594. | 20 | |
| 320 | 3.00 | 2.88 | 6.32 | 0.00 | 0.00 | 1.40 | 0.000 | 583. | 9 | |
| 321 | 3.00 | 0.00 | 0.00 | 0.80 | 0.97 | 1.73 | 0.000 | 579. | 12 | |
| 322 | 3.00 | 0.88 | 1.83 | 0.33 | 0.30 | 0.00 | 28.280 | 585. | 7 | |
| 323 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 14 | |
| 324 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 14 | |
| 325 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 19 | |
| 26 | 3.00 | 2.17 | 4.75 | 0.00 | 0.00 | 1.40 | 0.000 | 586. | 3 | |
| 327 | 3.00 | 4.21 | 9.24 | 0.00 | 0.00 | 0.07 | 0.000 | 582. | 14 | |
| 328 | 3.00 | 0.00 | 0.00 | 0.54 | 0.65 | 0.00 | 0.000 | 574. | 16 | Rm 25B07A #38 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|------|------|------|------|--------|------|-----|---------------|
| 329 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 16 | Rm 25B07AH 39 |
| 330 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 16 | |
| 331 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 22 | |
| 332 | 3.00 | 0.00 | 0.00 | 0.28 | 0.33 | 1.73 | 0.000 | 594. | 16 | |
| 333 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.000 | 550. | 21 | |
| 334 | 3.00 | 0.00 | 0.00 | 0.28 | 0.34 | 1.73 | 0.000 | 590. | 9 | |
| 335 | 3.00 | 0.06 | 0.14 | 0.00 | 0.00 | 2.40 | 0.000 | 579. | 14 | |
| 336 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 19.3 | 41 | E |
| 337 | 3.00 | 0.00 | 0.00 | 1.28 | 1.55 | 0.07 | 0.000 | 579. | 25 | |
| 338 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 578. | 21 | |
| 339 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.000 | 588. | 25 | |
| 340 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 25 | |
| 341 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 20 | |
| 342 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 16 | |
| 343 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.000 | 592. | 31 | |
| 344 | 3.00 | 1.21 | 2.04 | 1.89 | 2.15 | 0.00 | 40.135 | 602. | 12 | |
| 345 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 19 | |
| 346 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 11 | |
| 347 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 32 | |
| 348 | 3.00 | 2.16 | 3.56 | 3.61 | 4.11 | 0.00 | 135.45 | 599. | 10 | |
| 349 | 3.00 | 1.49 | 3.22 | 0.00 | 0.00 | 1.07 | 0.000 | 598. | 14 | |
| 350 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 167.44 | 606. | 35 | |
| 351 | 3.00 | 0.00 | 0.00 | 0.95 | 1.14 | 0.00 | 0.000 | 620. | 21 | |
| 352 | 3.00 | 1.59 | 3.37 | 0.35 | 0.23 | 0.07 | 0.000 | 583. | 3 | |
| 353 | 3.00 | 0.14 | 0.31 | 0.00 | 0.00 | 0.40 | 0.000 | 595. | 17 | |
| 354 | 3.00 | 0.00 | 0.00 | 1.29 | 1.56 | 0.00 | 1182.4 | 593. | 20 | |
| 355 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 593. | 25 | |
| 356 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 20 | |
| 357 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.70 | 0.000 | 605. | 17 | |
| 358 | 3.00 | 1.74 | 3.18 | 1.95 | 2.15 | 1.73 | 142.17 | 596. | 15 | |
| 359 | 3.00 | 0.00 | 0.00 | 2.48 | 3.00 | 1.40 | 0.000 | 603. | 20 | |
| 360 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.80 | 0.000 | 611. | 36 | |
| 361 | 3.00 | 0.00 | 0.00 | 1.77 | 2.14 | 0.00 | 759.28 | 617. | 9 | |
| 362 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.000 | 585. | 22 | |
| 363 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.000 | 612. | 23 | |
| 364 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 30 | |
| 365 | 3.00 | 2.27 | 4.87 | 0.00 | 0.00 | 0.00 | 151.04 | 605. | 11 | |
| 366 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 29 | |
| 367 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.73 | 0.000 | 601. | 18 | |
| 368 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.67 | 0.000 | 599. | 23 | |
| 369 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 21 | |
| 370 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 24 | |
| 371 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.40 | 0.000 | 583. | 28 | |
| 372 | 3.00 | 0.00 | 0.00 | 5.88 | 7.11 | 1.07 | 131.33 | 603. | 10 | |
| 373 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.000 | 580. | 12 | |
| 374 | 3.00 | 0.27 | 0.30 | 0.95 | 1.11 | 0.00 | 127.72 | 579. | 7 | |
| 375 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.73 | 0.000 | 601. | 19 | |
| 376 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 23 | |
| 377 | 3.00 | 3.27 | 7.13 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 7 | |
| 378 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.000 | 591. | 27 | |
| 379 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 16 | |
| 380 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.40 | 0.000 | 600. | 20 | |
| 381 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.07 | 0.000 | 588. | 22 | |
| 382 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.000 | 604. | 14 | |
| 383 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 20 | |
| 384 | 3.00 | 0.64 | 1.01 | 1.16 | 1.33 | 0.40 | 96.740 | 610. | 11 | Rm 25B07AH 94 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-----|------|------|------|------|------|------|--------|------|-----|-------------|
| 385 | 3.00 | 0.16 | 0.34 | 0.00 | 0.00 | 0.73 | 0.000 | 596. | 16 | 258074# 95 |
| 386 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 18 | |
| 387 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 14 | |
| 388 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 19 | |
| 389 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.07 | 0.000 | 600. | 17 | |
| 390 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.40 | 0.000 | 596. | 29 | |
| 391 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 599. | 19 | |
| 392 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.07 | 126.69 | 597. | 15 | |
| 393 | 3.00 | 1.46 | 3.20 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 15 | |
| 394 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 15 | |
| 395 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 19 | |
| 396 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 15 | |
| 397 | 3.00 | 1.41 | 3.02 | 0.00 | 0.00 | 0.00 | 274.81 | 608. | 10 | |
| 398 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.73 | 0.000 | 610. | 16 | |
| 399 | 3.00 | 0.00 | 0.00 | 1.46 | 1.76 | 0.00 | 529.01 | 615. | 16 | |
| 400 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.000 | 603. | 22 | |
| 401 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 11 | |
| 402 | 3.00 | 4.12 | 8.85 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 9 | |
| 403 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.07 | 0.000 | 590. | 21 | |
| 404 | 3.00 | 0.00 | 0.00 | 2.59 | 3.13 | 0.00 | 49.670 | 604. | 15 | |
| 405 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 15 | |
| 406 | 3.00 | 0.00 | 0.00 | 1.28 | 1.54 | 0.00 | 77.450 | 606. | 14 | |
| 407 | 3.00 | 1.19 | 2.56 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 13 | |
| 408 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.000 | 601. | 20 | |
| 409 | 3.00 | 0.00 | 0.00 | 2.28 | 2.75 | 0.00 | 208.60 | 598. | 5 | |
| 410 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 16 | |
| 411 | 3.00 | 0.98 | 2.10 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 9 | |
| 412 | 3.00 | 0.00 | 0.00 | 2.41 | 2.91 | 0.07 | 312.52 | 608. | 25 | 258074# 122 |

Lakeside Hosp 2SB08, 2SB08A, 2SB08B, 2SB09, 2SB12A, Leak Tests (Not Related to Decomm)

Protocol #:26 Name:Decommissioning2 16-Jun-2004 16:16
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|--------------|
| 1 | 10.00 | 7.52 | | 9.45 | | 8.90 | 56.239 | 581. | 9 | B |
| 2 | 3.00 | 16601.5 | 594.73 | 114976. | 133788. | 599.80 | 164.18 | 1012 | 0 | E |
| 3 | 3.00 | 105165. | 171018. | 8579.94 | 0.00 | 4.77 | 20.200 | 1008 | 0 | E |
| 4 | 3.00 | 0.65 | 1.08 | 0.00 | 0.00 | 2.10 | 0.000 | 995. | 13 | E |
| (2 missing vials) | | | | | | | | | | |
| 7 | 3.00 | 0.00 | 0.00 | 0.88 | 1.07 | 0.00 | 236.72 | 591. | 16 | Rem 2SB08 #1 |
| 8 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 | 0.000 | 585. | 10 | |
| 9 | 3.00 | 1.69 | 3.19 | 1.57 | 1.70 | 0.00 | 0.000 | 591. | 7 | |
| 10 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 544. | 10 | |
| 11 | 3.00 | 0.00 | 0.00 | 0.56 | 0.68 | 0.00 | 0.000 | 574. | 7 | |
| 12 | 3.00 | 1.93 | 4.25 | 0.00 | 0.00 | 0.00 | 94.788 | 576. | 8 | |
| 13 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 247.26 | 587. | 15 | |
| 14 | 3.00 | 0.00 | 0.00 | 1.33 | 1.61 | 1.43 | 0.000 | 576. | 5 | |
| 15 | 3.00 | 0.00 | 0.00 | 1.36 | 1.64 | 2.10 | 0.000 | 572. | 12 | |
| 16 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 20 | |
| 17 | 3.00 | 1.34 | 2.13 | 2.55 | 2.93 | 0.00 | 92.997 | 597. | 8 | |
| 18 | 3.00 | 0.96 | 1.48 | 2.39 | 2.78 | 0.20 | 73.396 | 520. | 14 | |
| 19 | 3.00 | 1.90 | 3.74 | 1.35 | 1.41 | 0.00 | 41.577 | 590. | 7 | |
| 20 | 3.00 | 0.00 | 0.00 | 2.96 | 3.58 | 0.00 | 171.10 | 582. | 7 | |
| 21 | 3.00 | 0.00 | 0.00 | 3.55 | 4.30 | 0.00 | 40.450 | 576. | 12 | |
| 22 | 3.00 | 1.45 | 3.20 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 8 | |
| 23 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 574. | 16 | |
| 24 | 3.00 | 4.60 | 9.86 | 0.66 | 0.25 | 0.00 | 36.302 | 585. | 6 | |
| 25 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10 | 0.000 | 542. | 16 | |
| 26 | 3.00 | 0.00 | 0.00 | 2.17 | 2.63 | 0.00 | 61.678 | 548. | 13 | |
| 27 | 3.00 | 0.00 | 0.00 | 1.88 | 2.28 | 0.00 | 42.984 | 595. | 16 | |
| 28 | 3.00 | 3.67 | 7.80 | 0.92 | 0.67 | 0.00 | 79.701 | 579. | 6 | |
| 29 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10 | 0.000 | 591. | 18 | |
| 30 | 3.00 | 1.12 | 2.44 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 2 | |
| 31 | 3.00 | 0.68 | 1.31 | 0.55 | 0.59 | 0.00 | 23.205 | 587. | 9 | |
| 32 | 3.00 | 1.04 | 1.39 | 2.88 | 3.36 | 0.00 | 112.79 | 587. | 6 | |
| 33 | 3.00 | 0.00 | 0.00 | 1.88 | 2.28 | 0.00 | 97.510 | 602. | 10 | |
| 34 | 3.00 | 4.59 | 10.05 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 9 | |
| 35 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.71 | 0.000 | 612. | 19 | |
| 36 | 3.00 | 1.34 | 2.90 | 0.00 | 0.00 | 0.00 | 80.831 | 599. | 9 | |
| 37 | 3.00 | 0.00 | 0.00 | 3.43 | 4.15 | 0.77 | 85.667 | 600. | 10 | |
| 38 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 21 | |
| 39 | 3.00 | 0.65 | 1.41 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 11 | |
| 40 | 3.00 | 0.10 | 0.00 | 0.79 | 0.95 | 1.10 | 56.640 | 601. | 9 | |
| 41 | 3.00 | 0.00 | 0.00 | 0.88 | 1.06 | 0.43 | 0.000 | 595. | 9 | |
| 42 | 3.00 | 0.00 | 0.00 | 3.86 | 4.67 | 5.43 | 48.896 | 597. | 12 | |
| 43 | 3.00 | 1.40 | 2.46 | 1.88 | 2.11 | 0.77 | 63.416 | 597. | 5 | |
| 44 | 3.00 | 0.00 | 0.00 | 0.55 | 0.67 | 0.00 | 0.000 | 594. | 20 | |
| 45 | 3.00 | 0.03 | 0.00 | 1.50 | 1.81 | 0.00 | 190.53 | 601. | 11 | |
| 46 | 3.00 | 0.00 | 0.00 | 0.58 | 0.70 | 0.00 | 0.000 | 593. | 17 | |
| 47 | 3.00 | 0.65 | 1.39 | 0.00 | 0.00 | 0.00 | 101.80 | 608. | 11 | 2SB08 #41 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|------------------|------|------|-------|------|------|------|--------|------|-----|------------|
| 48 | 3.00 | 0.62 | 1.34 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 17 | 2SB08#42 |
| 49 | 3.00 | 1.44 | 2.25 | 2.87 | 3.30 | 0.00 | 140.00 | 595. | 3 | |
| 50 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 10 | |
| 51 | 3.00 | 0.00 | 0.00 | 0.18 | 0.22 | 0.00 | 0.000 | 599. | 15 | |
| 52 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.000 | 602. | 18 | |
| 53 | 3.00 | 2.98 | 6.09 | 1.17 | 1.06 | 0.00 | 24.542 | 596. | 12 | |
| 54 | 3.00 | 0.65 | 1.15 | 0.88 | 0.99 | 1.43 | 58.723 | 588. | 11 | |
| 55 | 3.00 | 0.00 | 0.00 | 1.20 | 1.45 | 0.00 | 198.48 | 595. | 15 | |
| 56 | 3.00 | 0.39 | 0.86 | 0.00 | 0.00 | 0.00 | 7.773 | 578. | 14 | |
| 57 | 3.00 | 0.00 | 0.00 | 0.95 | 1.15 | 0.00 | 0.000 | 588. | 16 | |
| 58 | 3.00 | 1.72 | 3.73 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 6 | |
| 59 | 3.00 | 0.90 | 1.18 | 2.55 | 2.98 | 0.00 | 61.743 | 593. | 14 | |
| 60 | 3.00 | 2.01 | 3.19 | 3.91 | 4.49 | 0.00 | 82.906 | 589. | 6 | |
| 61 | 3.00 | 0.00 | 0.00 | 1.25 | 1.51 | 0.00 | 84.699 | 588. | 11 | |
| 62 | 3.00 | 4.95 | 10.84 | 0.00 | 0.00 | 1.10 | 45.709 | 585. | 5 | |
| 63 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 15 | |
| 64 | 3.00 | 0.00 | 0.00 | 0.55 | 0.67 | 0.00 | 0.000 | 584. | 20 | |
| 65 | 3.00 | 0.00 | 0.00 | 1.91 | 2.31 | 0.00 | 201.96 | 591. | 14 | |
| 66 | 3.00 | 1.14 | 1.69 | 2.61 | 3.03 | 2.77 | 77.377 | 590. | 15 | |
| 67 | 3.00 | 2.39 | 5.15 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 9 | |
| 68 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 16 | |
| 69 | 3.00 | 0.03 | 0.00 | 2.62 | 3.16 | 0.00 | 130.17 | 584. | 4 | |
| 70 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 15 | 2SB08#64 |
| (1 missing vial) | | | | | | | | | | |
| 72 | 3.00 | 3.68 | 8.08 | 0.55 | 0.22 | 0.00 | 49.700 | 559. | 8 | 2SB08A #1 |
| 73 | 3.00 | 0.00 | 0.00 | 1.49 | 1.80 | 0.00 | 0.000 | 551. | 18 | |
| 74 | 3.00 | 0.11 | 0.25 | 0.00 | 0.00 | 0.00 | 0.000 | 544. | 5 | |
| 75 | 3.00 | 0.00 | 0.00 | 2.11 | 2.55 | 0.00 | 49.246 | 559. | 7 | |
| 76 | 3.00 | 0.05 | 0.00 | 1.21 | 1.46 | 0.77 | 71.521 | 568. | 7 | |
| 77 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.000 | 540. | 8 | |
| 78 | 3.00 | 0.00 | 0.00 | 0.48 | 0.58 | 0.43 | 0.000 | 553. | 25 | |
| 79 | 3.00 | 1.92 | 4.15 | 1.01 | 0.98 | 0.00 | 24.787 | 523. | 7 | |
| 80 | 3.00 | 2.68 | 5.84 | 0.88 | 0.73 | 1.44 | 50.342 | 542. | 8 | |
| 81 | 3.00 | 0.92 | 0.00 | 6.64 | 7.92 | 0.00 | 71.752 | 580. | 7 | |
| 82 | 3.00 | 0.18 | 0.39 | 0.00 | 0.00 | 0.43 | 0.000 | 583. | 13 | |
| 83 | 3.00 | 0.89 | 1.67 | 0.89 | 0.97 | 0.10 | 46.378 | 593. | 15 | |
| 84 | 3.00 | 0.00 | 0.00 | 3.61 | 4.37 | 0.00 | 234.10 | 556. | 8 | |
| 85 | 3.00 | 1.38 | 3.09 | 0.00 | 0.00 | 0.00 | 0.000 | 560. | 14 | |
| 86 | 3.00 | 0.00 | 0.00 | 2.22 | 2.69 | 0.00 | 85.559 | 535. | 22 | |
| 87 | 3.00 | 0.00 | 0.00 | 1.32 | 1.60 | 0.00 | 1941.5 | 519. | 22 | |
| 88 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.000 | 557. | 16 | |
| 89 | 3.00 | 0.00 | 0.00 | 1.72 | 2.08 | 0.00 | 0.000 | 529. | 15 | |
| 90 | 3.00 | 1.11 | 2.51 | 0.00 | 0.00 | 0.43 | 218.12 | 553. | 7 | |
| 91 | 3.00 | 0.00 | 0.00 | 4.52 | 5.47 | 1.43 | 124.07 | 578. | 18 | |
| 92 | 3.00 | 0.00 | 0.00 | 1.03 | 1.25 | 0.00 | 0.000 | 549. | 12 | |
| 93 | 3.00 | 0.00 | 0.00 | 2.65 | 3.20 | 0.00 | 3.184 | 578. | 12 | |
| 94 | 3.00 | 0.00 | 0.00 | 3.95 | 4.79 | 0.00 | 95.186 | 532. | 13 | |
| 95 | 3.00 | 2.32 | 5.08 | 0.00 | 0.00 | 0.00 | 33.490 | 584. | 11 | |
| 96 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 566. | 24 | |
| 97 | 3.00 | 0.74 | 1.67 | 0.00 | 0.00 | 0.00 | 0.000 | 551. | 11 | |
| 98 | 3.00 | 0.00 | 0.00 | 1.11 | 1.34 | 0.00 | 0.000 | 559. | 13 | |
| 99 | 3.00 | 0.41 | 0.36 | 1.82 | 2.16 | 0.00 | 33.967 | 528. | 9 | |
| 100 | 3.00 | 0.00 | 0.00 | 1.55 | 1.88 | 0.43 | 33.490 | 552. | 11 | |
| 101 | 3.00 | 0.00 | 0.00 | 0.06 | 0.07 | 0.00 | 0.000 | 514. | 16 | |
| 102 | 3.00 | 0.00 | 0.00 | 0.70 | 0.85 | 0.10 | 95.548 | 562. | 19 | |
| 103 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.77 | 0.000 | 576. | 28 | 2SB08A #32 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|------------------|------|------|------|------|------|------|--------|------|-----|------------|
| 104 | 3.00 | 2.26 | 4.92 | 0.00 | 0.00 | 0.43 | 0.000 | 589. | 13 | |
| 105 | 3.00 | 0.00 | 0.00 | 0.50 | 0.60 | 0.00 | 0.000 | 572. | 16 | 2SB08A #34 |
| (1 missing vial) | | | | | | | | | | |
| 107 | 3.00 | 0.00 | 0.00 | 2.58 | 3.12 | 0.00 | 69.354 | 537. | 13 | 2SB08B #1 |
| 108 | 3.00 | 0.00 | 0.00 | 2.22 | 2.69 | 1.43 | 201.95 | 548. | 11 | |
| 109 | 3.00 | 0.00 | 0.00 | 2.58 | 3.13 | 0.00 | 973.54 | 537. | 11 | |
| 110 | 3.00 | 0.00 | 0.00 | 0.34 | 0.41 | 0.00 | 0.000 | 558. | 9 | |
| 111 | 3.00 | 0.00 | 0.00 | 2.97 | 3.59 | 0.00 | 185.26 | 580. | 2 | |
| 112 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.10 | 0.000 | 569. | 16 | |
| 113 | 3.00 | 0.98 | 2.18 | 0.00 | 0.00 | 0.00 | 0.000 | 571. | 12 | |
| 114 | 3.00 | 0.43 | 0.92 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 11 | |
| 115 | 3.00 | 1.26 | 1.85 | 3.00 | 3.48 | 0.00 | 70.353 | 576. | 6 | |
| 116 | 3.00 | 2.15 | 4.70 | 0.00 | 0.00 | 0.00 | 50.138 | 585. | 16 | |
| 117 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 14 | |
| 118 | 3.00 | 0.19 | 0.00 | 1.40 | 1.67 | 0.00 | 8.793 | 580. | 7 | |
| 119 | 3.00 | 0.76 | 1.68 | 0.00 | 0.00 | 1.43 | 715.01 | 579. | 13 | |
| 120 | 3.00 | 0.72 | 1.45 | 0.56 | 0.59 | 0.00 | 0.000 | 559. | 6 | |
| 121 | 3.00 | 0.12 | 0.26 | 0.02 | 0.01 | 0.00 | 0.000 | 583. | 14 | |
| 122 | 3.00 | 0.00 | 0.00 | 0.62 | 0.75 | 0.00 | 448.79 | 583. | 22 | |
| 123 | 3.00 | 0.00 | 0.00 | 1.75 | 2.12 | 0.80 | 242.72 | 608. | 11 | |
| 124 | 3.00 | 0.16 | 0.00 | 3.79 | 4.56 | 1.10 | 86.373 | 599. | 5 | |
| 125 | 3.00 | 0.19 | 0.00 | 1.79 | 2.14 | 0.00 | 102.96 | 556. | 4 | |
| 126 | 3.00 | 0.00 | 0.00 | 1.88 | 2.28 | 0.00 | 0.000 | 545. | 9 | |
| 127 | 3.00 | 0.53 | 0.33 | 2.80 | 3.33 | 0.00 | 49.918 | 554. | 2 | |
| 128 | 3.00 | 1.37 | 2.89 | 0.88 | 0.90 | 0.00 | 13.572 | 531. | 7 | |
| 129 | 3.00 | 1.68 | 3.56 | 0.94 | 0.93 | 0.00 | 48.843 | 537. | 5 | |
| 130 | 3.00 | 0.00 | 0.00 | 2.19 | 2.65 | 0.00 | 0.000 | 544. | 16 | |
| 131 | 3.00 | 3.50 | 7.15 | 2.51 | 2.60 | 1.43 | 18.697 | 549. | 2 | |
| 132 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 545. | 7 | |
| 133 | 3.00 | 3.07 | 6.69 | 0.22 | 0.00 | 0.77 | 86.485 | 578. | 5 | |
| 134 | 3.00 | 0.00 | 0.00 | 1.85 | 2.24 | 0.00 | 236.15 | 599. | 15 | 2SB8B# 28 |
| (1 missing vial) | | | | | | | | | | |
| 136 | 3.00 | 0.83 | 1.21 | 1.98 | 2.29 | 0.00 | 54.333 | 589. | 13 | 2SB09 #1 |
| 137 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.77 | 0.000 | 581. | 13 | |
| 138 | 3.00 | 0.76 | 1.61 | 0.22 | 0.17 | 0.00 | 11.260 | 579. | 4 | |
| 139 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 12 | |
| 140 | 3.00 | 1.23 | 2.31 | 1.33 | 1.46 | 0.00 | 65.231 | 576. | 8 | |
| 141 | 3.00 | 0.00 | 0.00 | 2.55 | 3.08 | 1.10 | 141.90 | 585. | 15 | |
| 142 | 3.00 | 1.37 | 2.24 | 2.55 | 2.92 | 0.00 | 142.38 | 577. | 6 | |
| 143 | 3.00 | 0.00 | 0.00 | 2.55 | 3.08 | 1.77 | 378.81 | 588. | 15 | |
| 144 | 3.00 | 0.00 | 0.00 | 1.25 | 1.51 | 0.00 | 0.000 | 589. | 4 | |
| 145 | 3.00 | 0.75 | 1.63 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 2 | |
| 146 | 3.00 | 0.43 | 0.36 | 1.88 | 2.23 | 0.00 | 73.528 | 582. | 4 | |
| 147 | 3.00 | 2.29 | 4.71 | 0.96 | 0.90 | 2.10 | 43.947 | 588. | 7 | |
| 148 | 3.00 | 1.03 | 2.24 | 0.00 | 0.00 | 0.00 | 106.58 | 588. | 6 | |
| 149 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 9 | |
| 150 | 3.00 | 0.85 | 1.86 | 0.00 | 0.00 | 1.43 | 0.000 | 586. | 13 | |
| 151 | 3.00 | 0.37 | 0.52 | 0.91 | 1.06 | 0.00 | 0.000 | 589. | 6 | |
| 152 | 3.00 | 1.09 | 2.38 | 0.00 | 0.00 | 0.00 | 75.713 | 592. | 4 | |
| 153 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 12 | |
| 154 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 11 | |
| 155 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 12 | |
| 156 | 3.00 | 0.00 | 0.00 | 2.55 | 3.09 | 1.77 | 167.59 | 578. | 12 | |
| 157 | 3.00 | 0.00 | 0.00 | 0.93 | 1.13 | 0.00 | 0.000 | 586. | 13 | |
| 158 | 3.00 | 1.48 | 2.51 | 2.41 | 2.74 | 0.00 | 81.030 | 584. | 8 | |
| 159 | 3.00 | 3.50 | 7.26 | 1.40 | 1.28 | 0.00 | 8.662 | 580. | 8 | |

30f8

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|---------------|------|------|-------|------|------|------|--------|------|-----|------------|
| 160 | 3.00 | 0.09 | 0.00 | 1.25 | 1.50 | 0.00 | 0.000 | 589. | 2 | |
| 161 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.10 | 0.000 | 570. | 9 | |
| 162 | 3.00 | 2.82 | 6.02 | 0.00 | 0.00 | 0.43 | 43.216 | 611. | 0 | |
| 163 | 3.00 | 1.75 | 3.12 | 2.14 | 2.39 | 0.00 | 48.043 | 605. | 8 | |
| 164 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.43 | 0.000 | 586. | 9 | |
| 165 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 11 | * |
| 166 | 3.00 | 1.96 | 4.25 | 0.00 | 0.00 | 0.00 | 166.28 | 595. | 13 | |
| 167 | 3.00 | 0.00 | 0.00 | 3.88 | 4.69 | 2.77 | 207.59 | 598. | 13 | |
| 168 | 3.00 | 3.39 | 7.37 | 0.00 | 0.00 | 4.10 | 77.219 | 592. | 5 | |
| 169 | 3.00 | 0.00 | 0.00 | 0.52 | 0.63 | 0.00 | 0.000 | 595. | 19 | |
| 170 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.000 | 584. | 22 | |
| 171 | 3.00 | 0.00 | 0.00 | 0.61 | 0.74 | 0.00 | 148.19 | 587. | 11 | |
| 172 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10 | 0.000 | 597. | 15 | |
| 173 | 3.00 | 0.00 | 0.00 | 3.57 | 4.32 | 0.00 | 93.588 | 592. | 7 | |
| 174 | 3.00 | 0.00 | 0.00 | 5.55 | 6.71 | 0.43 | 19.118 | 609. | 9 | |
| 175 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 7 | * |
| 176 | 3.00 | 2.78 | 5.97 | 0.00 | 0.00 | 0.00 | 57.759 | 604. | 7 | |
| 177 | 3.00 | 0.00 | 0.00 | 2.22 | 2.68 | 0.00 | 107.63 | 613. | 11 | |
| 178 | 3.00 | 0.88 | 1.66 | 0.77 | 0.83 | 0.00 | 0.000 | 600. | 4 | |
| 179 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 18 | |
| 180 | 3.00 | 0.00 | 0.00 | 2.22 | 2.68 | 0.10 | 526.95 | 605. | 12 | |
| 181 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 12 | |
| 182 | 3.00 | 0.00 | 0.00 | 1.83 | 2.21 | 0.00 | 0.000 | 598. | 13 | |
| 183 | 3.00 | 0.10 | 0.00 | 3.75 | 4.52 | 0.00 | 164.43 | 603. | 7 | |
| 184 | 3.00 | 2.45 | 4.95 | 1.22 | 1.19 | 1.43 | 50.853 | 595. | 2 | |
| 185 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 7 | * |
| 186 | 3.00 | 0.97 | 1.84 | 0.81 | 0.87 | 0.77 | 40.713 | 604. | 15 | |
| 187 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 | 0.000 | 599. | 7 | |
| 188 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10 | 0.000 | 611. | 21 | |
| 189 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.43 | 0.000 | 597. | 12 | |
| 190 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 9 | |
| 191 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 14 | |
| 192 | 3.00 | 0.00 | 0.00 | 0.54 | 0.65 | 1.77 | 143.43 | 596. | 8 | |
| 193 | 3.00 | 0.00 | 0.00 | 2.17 | 2.62 | 0.00 | 3.258 | 601. | 19 | |
| 194 | 3.00 | 0.00 | 0.00 | 1.59 | 1.92 | 0.00 | 204.66 | 608. | 16 | * |
| 195 | 3.00 | 0.26 | 0.56 | 0.00 | 0.00 | 0.00 | 2230.4 | 604. | 15 | * |
| 196 | 3.00 | 0.00 | 0.00 | 2.88 | 3.48 | 0.00 | 137.97 | 613. | 16 | |
| 197 | 3.00 | 5.91 | 12.68 | 0.00 | 0.00 | 1.77 | 0.000 | 606. | 5 | |
| 198 | 3.00 | 3.11 | 6.66 | 0.00 | 0.00 | 0.00 | 27.448 | 607. | 9 | |
| 199 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 24 | |
| 200 | 3.00 | 2.29 | 4.96 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 13 | |
| 201 | 3.00 | 1.32 | 2.82 | 0.00 | 0.00 | 2.77 | 221.12 | 608. | 11 | |
| 202 | 3.00 | 1.59 | 3.45 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 14 | |
| 203 | 3.00 | 0.00 | 0.00 | 2.88 | 3.49 | 0.00 | 97.862 | 597. | 14 | |
| 204 | 3.00 | 0.90 | 1.88 | 0.22 | 0.16 | 0.00 | 84.095 | 596. | 15 | * |
| 205 | 3.00 | 1.16 | 1.97 | 1.71 | 1.93 | 0.00 | 71.546 | 606. | 10 | * |
| 206 | 3.00 | 0.00 | 0.00 | 2.88 | 3.48 | 0.00 | 182.07 | 604. | 11 | |
| 207 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 13 | |
| 208 | 3.00 | 0.00 | 0.00 | 5.35 | 6.46 | 0.00 | 121.01 | 601. | 10 | |
| 209 | 3.00 | 2.92 | 6.27 | 0.00 | 0.00 | 1.77 | 78.316 | 605. | 17 | |
| 210 | 3.00 | 4.08 | 8.84 | 0.00 | 0.00 | 0.00 | 12.307 | 596. | 5 | |
| 211 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 25 | |
| 212 | 3.00 | 0.26 | 0.50 | 0.22 | 0.23 | 0.00 | 0.000 | 602. | 14 | -25B09 #77 |
| missing vial) | | | | | | | | | | |
| 214 | 3.00 | 1.41 | 2.20 | 2.79 | 3.20 | 2.10 | 118.57 | 601. | 9 | -25B09 #79 |
| 215 | 3.00 | 0.72 | 1.00 | 1.79 | 2.08 | 0.00 | 106.81 | 607. | 12 | * |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|------------------|------|------|------|------|------|------|--------|------|-----|------------|
| 216 | 3.00 | 1.92 | 3.83 | 0.88 | 0.84 | 0.00 | 47.883 | 615. | 11 | |
| 217 | 3.00 | 0.45 | 0.93 | 0.09 | 0.05 | 0.10 | 0.000 | 612. | 11 | |
| 218 | 3.00 | 0.00 | 0.00 | 0.64 | 0.78 | 0.77 | 0.000 | 611. | 17 | |
| 219 | 3.00 | 2.17 | 4.60 | 0.06 | 0.00 | 1.43 | 33.588 | 616. | 9 | |
| 220 | 3.00 | 0.00 | 0.00 | 0.78 | 0.94 | 0.00 | 0.000 | 609. | 10 | |
| 221 | 3.00 | 0.00 | 0.00 | 0.86 | 1.04 | 0.00 | 0.000 | 597. | 11 | |
| 222 | 3.00 | 4.17 | 8.30 | 2.11 | 2.07 | 1.43 | 40.605 | 609. | 4 | |
| 223 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 20 | X |
| 224 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 12 | |
| 225 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 18 | e |
| 226 | 3.00 | 0.30 | 0.35 | 0.96 | 1.12 | 0.00 | 0.000 | 612. | 7 | |
| 227 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.000 | 615. | 24 | |
| 228 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 15 | |
| 229 | 3.00 | 0.00 | 0.00 | 0.85 | 1.03 | 1.77 | 0.000 | 599. | 16 | |
| 230 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 12 | |
| 231 | 3.00 | 0.00 | 0.00 | 0.55 | 0.67 | 0.00 | 0.000 | 602. | 13 | |
| 232 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.000 | 599. | 17 | |
| 233 | 3.00 | 0.00 | 0.00 | 1.20 | 1.45 | 0.00 | 1154.5 | 595. | 11 | X |
| 234 | 3.00 | 0.00 | 0.00 | 1.55 | 1.87 | 0.00 | 0.000 | 594. | 15 | |
| 235 | 3.00 | 1.76 | 3.76 | 0.19 | 0.02 | 0.77 | 1.005 | 596. | 5 | b |
| 236 | 3.00 | 0.38 | 0.57 | 0.80 | 0.92 | 0.77 | 50.720 | 606. | 12 | |
| 237 | 3.00 | 0.12 | 0.22 | 0.11 | 0.12 | 1.43 | 246.03 | 609. | 10 | |
| 238 | 3.00 | 1.34 | 2.81 | 0.22 | 0.11 | 0.43 | 75.234 | 610. | 9 | |
| 239 | 3.00 | 0.00 | 0.00 | 0.12 | 0.15 | 0.00 | 0.000 | 607. | 18 | |
| 240 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 17.8 | 40 | E |
| 241 | 3.00 | 0.91 | 1.40 | 1.90 | 2.19 | 0.00 | 49.911 | 591. | 13 | |
| 242 | 3.00 | 0.04 | 0.00 | 0.55 | 0.66 | 0.00 | 405.17 | 579. | 8 | |
| 243 | 3.00 | 0.44 | 0.89 | 0.15 | 0.13 | 0.00 | 0.000 | 603. | 8 | X |
| 244 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.43 | 0.000 | 602. | 9 | |
| 245 | 3.00 | 0.59 | 0.88 | 1.31 | 1.51 | 0.10 | 0.000 | 587. | 9 | . |
| 246 | 3.00 | 0.00 | 0.00 | 2.49 | 3.00 | 2.10 | 303.71 | 603. | 18 | |
| 247 | 3.00 | 0.00 | 0.00 | 1.22 | 1.47 | 1.43 | 0.000 | 576. | 19 | |
| 248 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 14 | |
| 249 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 10 | |
| 250 | 3.00 | 1.95 | 4.23 | 0.00 | 0.00 | 0.77 | 0.000 | 595. | 14 | |
| 251 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 12 | |
| 252 | 3.00 | 0.00 | 0.00 | 0.19 | 0.23 | 2.10 | 0.000 | 598. | 12 | |
| 253 | 3.00 | 1.68 | 3.64 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 10 | X |
| 254 | 3.00 | 2.07 | 4.51 | 0.00 | 0.00 | 0.10 | 0.000 | 587. | 6 | |
| 255 | 3.00 | 1.32 | 2.85 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 12 | f |
| 256 | 3.00 | 0.33 | 0.71 | 0.00 | 0.00 | 0.77 | 0.000 | 591. | 10 | |
| 257 | 3.00 | 0.49 | 0.41 | 2.12 | 2.51 | 0.00 | 113.08 | 623. | 5 | |
| 258 | 3.00 | 0.94 | 2.03 | 0.00 | 0.00 | 1.77 | 0.000 | 595. | 14 | |
| 259 | 3.00 | 0.00 | 0.00 | 0.88 | 1.07 | 0.00 | 172.21 | 579. | 22 | |
| 260 | 3.00 | 0.28 | 0.52 | 0.28 | 0.31 | 0.43 | 41.072 | 584. | 9 | |
| 261 | 3.00 | 1.02 | 2.15 | 0.18 | 0.10 | 0.00 | 115.63 | 599. | 11 | |
| 262 | 3.00 | 0.00 | 0.00 | 1.55 | 1.87 | 0.00 | 597.91 | 592. | 19 | |
| 263 | 3.00 | 2.63 | 5.13 | 1.88 | 1.96 | 1.77 | 19.443 | 594. | 11 | X |
| 264 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 13 | |
| 265 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 13 | 2SR09 #13c |
| (1 missing vial) | | | | | | | | | | |
| 267 | 3.00 | 0.29 | 0.23 | 1.33 | 1.57 | 0.00 | 121.62 | 576. | 6 | -15B12A#1 |
| 268 | 3.00 | 0.44 | 0.51 | 1.54 | 1.81 | 2.10 | 16.435 | 543. | 4 | |
| 269 | 3.00 | 0.00 | 0.00 | 1.57 | 1.91 | 0.77 | 155.52 | 538. | 4 | |
| 270 | 3.00 | 1.93 | 4.26 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 7 | |
| 271 | 3.00 | 0.00 | 0.00 | 0.38 | 0.46 | 0.43 | 0.000 | 568. | 4 | |

5 of 8

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|-------|------|------|------|--------|------|-----|------|
| 272 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 530. | 16 | |
| 273 | 3.00 | 3.72 | 8.24 | 0.95 | 0.69 | 0.00 | 0.000 | 538. | 2 | |
| 274 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 534. | 5 | |
| 275 | 3.00 | 0.00 | 0.00 | 1.97 | 2.39 | 0.00 | 17.892 | 551. | 10 | |
| 276 | 3.00 | 1.73 | 3.83 | 0.00 | 0.00 | 0.00 | 0.000 | 574. | 6 | |
| 277 | 3.00 | 1.45 | 3.19 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 2 | |
| 278 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 556. | 7 | |
| 279 | 3.00 | 0.00 | 0.00 | 1.22 | 1.47 | 0.00 | 241.31 | 549. | 4 | |
| 280 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 548. | 11 | |
| 281 | 3.00 | 0.00 | 0.00 | 0.22 | 0.26 | 1.77 | 0.000 | 560. | 2 | |
| 282 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 13 | |
| 283 | 3.00 | 0.21 | 0.46 | 0.00 | 0.00 | 0.00 | 0.000 | 555. | 2 | |
| 284 | 3.00 | 0.00 | 0.00 | 1.88 | 2.28 | 0.00 | 94.686 | 541. | 11 | |
| 285 | 3.00 | 0.47 | 0.00 | 4.10 | 4.92 | 0.00 | 36.277 | 545. | 5 | |
| 286 | 3.00 | 1.79 | 2.89 | 3.80 | 4.38 | 0.00 | 5.379 | 545. | 6 | |
| 287 | 3.00 | 1.40 | 3.11 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 7 | |
| 288 | 3.00 | 0.19 | 0.43 | 0.00 | 0.00 | 0.43 | 0.000 | 561. | 6 | |
| 289 | 3.00 | 0.61 | 1.40 | 0.00 | 0.00 | 0.00 | 0.000 | 537. | 8 | |
| 290 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 555. | 12 | |
| 291 | 3.00 | 0.00 | 0.00 | 2.16 | 2.62 | 0.00 | 138.87 | 550. | 7 | |
| 292 | 3.00 | 0.95 | 2.22 | 0.00 | 0.00 | 2.77 | 0.000 | 526. | 10 | |
| 293 | 3.00 | 1.60 | 3.28 | 1.21 | 1.27 | 0.00 | 26.461 | 542. | 13 | |
| 294 | 3.00 | 0.60 | 1.39 | 0.00 | 0.00 | 0.00 | 0.000 | 530. | 10 | |
| 295 | 3.00 | 0.00 | 0.00 | 1.06 | 1.29 | 0.00 | 0.000 | 514. | 18 | |
| 296 | 3.00 | 0.93 | 1.79 | 1.29 | 1.45 | 0.00 | 29.590 | 510. | 9 | |
| 297 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 520. | 22 | |
| 298 | 3.00 | 0.10 | 0.01 | 0.73 | 0.88 | 0.00 | 0.000 | 475. | 12 | |
| 299 | 3.00 | 0.00 | 0.00 | 1.08 | 1.31 | 1.10 | 0.000 | 497. | 7 | |
| 300 | 3.00 | 2.43 | 5.66 | 0.00 | 0.00 | 0.00 | 1.544 | 525. | 16 | |
| 301 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.43 | 0.000 | 534. | 10 | |
| 302 | 3.00 | 5.33 | 11.61 | 0.59 | 0.08 | 0.00 | 6.077 | 574. | 6 | |
| 303 | 3.00 | 1.09 | 1.46 | 3.36 | 3.95 | 0.00 | 63.751 | 519. | 13 | |
| 304 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 16 | |
| 305 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 23 | |
| 306 | 3.00 | 0.00 | 0.00 | 3.99 | 4.83 | 0.00 | 39.457 | 577. | 5 | |
| 307 | 3.00 | 1.62 | 3.56 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 8 | |
| 308 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.54 | 0.000 | 572. | 9 | |
| 309 | 3.00 | 1.50 | 2.40 | 3.00 | 3.46 | 0.00 | 58.482 | 570. | 11 | |
| 310 | 3.00 | 2.01 | 4.43 | 0.00 | 0.00 | 1.43 | 6.852 | 578. | 9 | |
| 311 | 3.00 | 0.00 | 0.00 | 2.23 | 2.70 | 0.00 | 9022.2 | 591. | 19 | |
| 312 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 11 | |
| 313 | 3.00 | 0.00 | 0.00 | 0.22 | 0.26 | 0.77 | 0.000 | 564. | 15 | |
| 314 | 3.00 | 0.00 | 0.00 | 0.55 | 0.67 | 0.77 | 0.232 | 542. | 20 | |
| 315 | 3.00 | 2.49 | 5.72 | 0.00 | 0.00 | 0.00 | 16.013 | 538. | 18 | |
| 316 | 3.00 | 0.00 | 0.00 | 2.56 | 3.11 | 0.00 | 48.795 | 540. | 12 | |
| 317 | 3.00 | 0.00 | 0.00 | 3.88 | 4.70 | 0.10 | 90.845 | 552. | 14 | |
| 318 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 560. | 25 | |
| 319 | 3.00 | 0.59 | 0.55 | 2.55 | 3.02 | 0.00 | 46.318 | 541. | 13 | |
| 320 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.77 | 0.000 | 580. | 27 | |
| 321 | 3.00 | 0.00 | 0.00 | 0.55 | 0.67 | 0.00 | 156.02 | 541. | 25 | |
| 322 | 3.00 | 0.00 | 0.00 | 0.13 | 0.15 | 0.77 | 0.000 | 556. | 15 | |
| 323 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 546. | 18 | |
| 324 | 3.00 | 2.52 | 5.59 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 19 | |
| 325 | 3.00 | 0.39 | 0.58 | 0.93 | 1.07 | 0.10 | 107.68 | 564. | 22 | |
| 326 | 3.00 | 0.00 | 0.00 | 4.48 | 5.42 | 0.00 | 168.47 | 580. | 14 | |
| 327 | 3.00 | 1.17 | 1.75 | 2.59 | 3.00 | 0.00 | 94.179 | 587. | 15 | |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|------|------|------|------|--------|------|-----|------------|
| 328 | 3.00 | 0.00 | 0.00 | 2.13 | 2.58 | 0.00 | 196.21 | 600. | 21 | |
| 329 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 27 | |
| 330 | 3.00 | 0.00 | 0.00 | 0.70 | 0.85 | 0.00 | 0.000 | 570. | 16 | |
| 331 | 3.00 | 0.00 | 0.00 | 0.09 | 0.11 | 0.00 | 0.000 | 577. | 23 | |
| 332 | 3.00 | 0.21 | 0.46 | 0.00 | 0.00 | 0.77 | 0.000 | 559. | 11 | |
| 333 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 15 | |
| 334 | 3.00 | 0.00 | 0.00 | 2.42 | 2.93 | 0.00 | 207.06 | 562. | 25 | |
| 335 | 3.00 | 1.32 | 2.80 | 0.55 | 0.51 | 0.00 | 54.515 | 555. | 10 | |
| 336 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 569. | 28 | |
| 337 | 3.00 | 0.86 | 1.32 | 1.98 | 2.29 | 0.00 | 47.265 | 554. | 11 | |
| 338 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 17 | |
| 339 | 3.00 | 0.90 | 2.00 | 0.00 | 0.00 | 0.00 | 104.28 | 570. | 16 | |
| 340 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 557. | 26 | |
| 341 | 3.00 | 1.42 | 3.14 | 0.00 | 0.00 | 0.10 | 0.000 | 575. | 18 | |
| 342 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 15 | |
| 343 | 3.00 | 0.00 | 0.00 | 3.75 | 4.53 | 0.00 | 85.307 | 563. | 19 | |
| 344 | 3.00 | 0.64 | 0.64 | 2.53 | 2.98 | 0.00 | 78.092 | 582. | 11 | |
| 345 | 3.00 | 0.00 | 0.00 | 0.62 | 0.76 | 0.00 | 541.59 | 582. | 13 | |
| 346 | 3.00 | 0.79 | 1.76 | 0.00 | 0.00 | 0.10 | 0.000 | 568. | 13 | |
| 347 | 3.00 | 0.00 | 0.00 | 1.82 | 2.19 | 0.00 | 183.05 | 604. | 16 | |
| 348 | 3.00 | 0.90 | 0.79 | 3.88 | 4.59 | 0.00 | 35.210 | 577. | 13 | |
| 349 | 3.00 | 0.00 | 0.00 | 3.07 | 3.71 | 1.10 | 86.094 | 565. | 18 | |
| 350 | 3.00 | 0.94 | 2.14 | 0.00 | 0.00 | 0.00 | 0.000 | 549. | 16 | |
| 351 | 3.00 | 0.00 | 0.00 | 2.76 | 3.35 | 5.43 | 0.000 | 551. | 28 | |
| 352 | 3.00 | 2.25 | 4.96 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 9 | |
| 353 | 3.00 | 2.13 | 4.65 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 16 | |
| 354 | 3.00 | 1.29 | 2.78 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 13 | |
| 355 | 3.00 | 0.18 | 0.32 | 0.22 | 0.24 | 0.00 | 22.553 | 593. | 19 | |
| 356 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 347.26 | 586. | 22 | |
| 357 | 3.00 | 0.00 | 0.00 | 1.57 | 1.90 | 0.00 | 54.852 | 585. | 26 | |
| 358 | 3.00 | 3.05 | 6.59 | 0.00 | 0.00 | 0.00 | 4.232 | 600. | 8 | |
| 359 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10 | 0.000 | 592. | 14 | |
| 360 | 3.00 | 0.00 | 0.00 | 1.22 | 1.47 | 0.00 | 0.000 | 595. | 10 | |
| 361 | 3.00 | 0.40 | 0.60 | 0.88 | 1.02 | 0.00 | 233.90 | 594. | 6 | |
| 362 | 3.00 | 0.00 | 0.00 | 1.65 | 2.00 | 0.00 | 0.000 | 586. | 12 | |
| 363 | 3.00 | 3.64 | 7.86 | 0.31 | 0.00 | 0.00 | 3.279 | 586. | 5 | |
| 364 | 3.00 | 0.00 | 0.00 | 3.29 | 3.98 | 0.00 | 154.77 | 588. | 9 | |
| 365 | 3.00 | 3.31 | 7.22 | 0.00 | 0.00 | 0.00 | 44.471 | 589. | 8 | |
| 366 | 3.00 | 0.00 | 0.00 | 0.55 | 0.66 | 0.00 | 0.000 | 594. | 18 | |
| 367 | 3.00 | 0.00 | 0.00 | 2.97 | 3.59 | 0.00 | 165.18 | 603. | 6 | |
| 368 | 3.00 | 0.00 | 0.00 | 2.56 | 3.10 | 0.00 | 126.93 | 592. | 15 | |
| 369 | 3.00 | 0.00 | 0.00 | 1.88 | 2.28 | 0.00 | 163.08 | 593. | 13 | |
| 370 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 10 | |
| 371 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 20 | |
| 372 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 17 | |
| 373 | 3.00 | 0.00 | 0.00 | 2.63 | 3.17 | 0.00 | 334.23 | 588. | 7 | |
| 374 | 3.00 | 0.00 | 0.00 | 1.88 | 2.28 | 0.00 | 253.38 | 589. | 11 | |
| 375 | 3.00 | 2.62 | 5.24 | 1.88 | 1.97 | 0.00 | 58.843 | 571. | 11 | |
| 376 | 3.00 | 2.35 | 4.68 | 1.64 | 1.71 | 0.00 | 20.271 | 578. | 18 | |
| 377 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 17 | |
| 378 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 572. | 28 | 15B12A#112 |
| (6 missing vials) | | | | | | | | | | |
| 385 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 22 | |
| 386 | 3.00 | 0.00 | 0.00 | 2.22 | 2.68 | 0.00 | 209.77 | 591. | 7 | |
| 387 | 3.00 | 0.00 | 0.00 | 2.99 | 3.61 | 0.00 | 133.39 | 588. | 15 | |
| 388 | 3.00 | 0.00 | 0.00 | 1.03 | 1.25 | 0.00 | 0.000 | 582. | 18 | |

7 of 8

Leak Test Result
Not Related To Decompr

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|------|------|------|------|--------|------|-----|------|
| 389 | 3.00 | 0.00 | 0.00 | 0.79 | 0.96 | 0.00 | 0.000 | 613. | 4 | |
| 390 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 20 | |
| 391 | 3.00 | 0.00 | 0.00 | 0.22 | 0.26 | 0.00 | 0.000 | 631. | 8 | |
| 392 | 3.00 | 0.00 | 0.00 | 0.19 | 0.23 | 0.43 | 0.000 | 598. | 7 | |
| 393 | 3.00 | 2.13 | 4.25 | 1.15 | 1.15 | 0.00 | 15.099 | 599. | 5 | |

FRONT PIN JAM FWD

Lakeside Hosp. 15B1512SB Incinerator 716D

Protocol #:26 Name:Decommissioning2 18-Jun-2004 11:56
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|-----------|
| 1 | 10.00 | 7.12 | | 9.83 | | 8.70 | 54.906 | 580. | 10 | B |
| 2 | 3.00 | 16534.3 | 411.54 | 115290. | 134170. | 572.03 | 164.08 | 1011 | 0 | E |
| 3 | 3.00 | 105253. | 171432. | 8736.01 | 0.00 | 1.63 | 20.180 | 1004 | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 997. | 25 | E |
| (2 missing vials) | | | | | | | | | | |
| 7 | 3.00 | 3.19 | 6.81 | 0.00 | 0.00 | 0.00 | 0.000 | 611. | 12 | 15B13 #1 |
| 8 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.55 | 0.000 | 567. | 11 | |
| 9 | 3.00 | 1.87 | 3.81 | 1.23 | 1.26 | 0.97 | 17.572 | 563. | 15 | |
| 10 | 3.00 | 1.50 | 3.31 | 0.00 | 0.00 | 0.00 | 11.084 | 579. | 13 | |
| 11 | 3.00 | 0.58 | 1.28 | 0.00 | 0.00 | 1.63 | 41.171 | 582. | 14 | |
| 12 | 3.00 | 0.00 | 0.00 | 0.93 | 1.13 | 0.00 | 0.000 | 578. | 33 | |
| 13 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 30 | |
| 14 | 3.00 | 0.00 | 0.00 | 2.31 | 2.80 | 1.30 | 55.373 | 571. | 21 | |
| 15 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 29 | |
| 16 | 3.00 | 0.97 | 0.94 | 3.83 | 4.52 | 0.00 | 82.821 | 584. | 13 | |
| 17 | 3.00 | 0.00 | 0.00 | 2.83 | 3.43 | 0.00 | 124.63 | 579. | 19 | |
| 18 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 24 | |
| 19 | 3.00 | 3.96 | 8.09 | 1.90 | 1.83 | 0.00 | 38.611 | 584. | 10 | |
| 20 | 3.00 | 0.00 | 0.00 | 0.93 | 1.13 | 1.63 | 0.000 | 579. | 21 | |
| 21 | 3.00 | 0.37 | 0.21 | 1.94 | 2.30 | 0.00 | 94.025 | 578. | 22 | |
| 22 | 3.00 | 0.36 | 0.78 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 30 | |
| 23 | 3.00 | 0.00 | 0.00 | 0.86 | 1.04 | 0.00 | 297.91 | 589. | 18 | |
| 24 | 3.00 | 0.00 | 0.00 | 0.84 | 1.02 | 2.97 | 0.000 | 592. | 27 | |
| 25 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 50 | |
| 26 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 21 | |
| 27 | 3.00 | 1.35 | 2.95 | 0.00 | 0.00 | 1.30 | 0.000 | 590. | 13 | |
| 28 | 3.00 | 0.00 | 0.00 | 0.58 | 0.70 | 0.00 | 0.000 | 582. | 18 | |
| 29 | 3.00 | 1.35 | 2.95 | 0.00 | 0.00 | 0.30 | 0.000 | 584. | 9 | |
| 30 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 14 | |
| 31 | 3.00 | 0.00 | 0.00 | 1.19 | 1.44 | 2.63 | 1010.3 | 590. | 12 | |
| 32 | 3.00 | 0.00 | 0.00 | 2.15 | 2.60 | 0.63 | 295.95 | 577. | 6 | |
| 33 | 3.00 | 0.00 | 0.00 | 0.84 | 1.02 | 0.00 | 685.30 | 593. | 29 | |
| 34 | 3.00 | 3.93 | 8.00 | 1.95 | 1.90 | 0.00 | 30.110 | 584. | 9 | |
| 35 | 3.00 | 6.41 | 13.86 | 0.83 | 0.25 | 0.00 | 25.496 | 579. | 7 | |
| 36 | 3.00 | 0.00 | 0.00 | 2.31 | 2.79 | 1.30 | 169.77 | 607. | 11 | |
| 37 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 141.82 | 600. | 17 | |
| 38 | 3.00 | 2.29 | 5.04 | 0.00 | 0.00 | 0.00 | 37.089 | 580. | 11 | |
| 39 | 3.00 | 0.00 | 0.00 | 0.17 | 0.20 | 1.30 | 0.000 | 605. | 6 | |
| 40 | 3.00 | 0.38 | 0.48 | 1.17 | 1.37 | 0.00 | 140.05 | 594. | 11 | |
| 41 | 3.00 | 1.47 | 3.15 | 0.00 | 0.00 | 2.30 | 27.112 | 603. | 6 | |
| 42 | 3.00 | 0.99 | 1.69 | 1.50 | 1.70 | 0.00 | 105.64 | 602. | 13 | |
| 43 | 3.00 | 2.47 | 4.47 | 2.83 | 3.14 | 0.00 | 57.186 | 598. | 5 | |
| 44 | 3.00 | 0.71 | 1.52 | 0.00 | 0.00 | 1.97 | 72.205 | 608. | 10 | |
| 45 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 17 | |
| 46 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 610. | 15 | |
| 47 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.85 | 0.000 | 595. | 19 | 15B13 #41 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-----|---------------|
| 48 | 3.00 | 0.00 | 0.00 | 1.50 | 1.81 | 0.00 | 162.97 | 600. | 14 | ISB13# 42 |
| 49 | 3.00 | 4.52 | 9.22 | 1.72 | 1.56 | 0.00 | 76.823 | 602. | 7 | |
| 50 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.68 | 0.000 | 601. | 17 | |
| 51 | 3.00 | 0.70 | 0.00 | 6.24 | 7.46 | 0.00 | 94.193 | 603. | 6 | |
| 52 | 3.00 | 0.87 | 1.86 | 0.00 | 0.00 | 0.30 | 86.899 | 607. | 8 | |
| 53 | 3.00 | 1.05 | 2.27 | 0.00 | 0.00 | 0.30 | 0.000 | 599. | 13 | |
| 54 | 3.00 | 1.43 | 2.51 | 1.87 | 2.09 | 0.00 | 48.156 | 608. | 5 | |
| 55 | 3.00 | 3.10 | 6.68 | 0.00 | 0.00 | 0.00 | 10.378 | 604. | 7 | |
| 56 | 3.00 | 1.47 | 3.16 | 0.00 | 0.00 | 1.30 | 15.247 | 602. | 13 | |
| 57 | 3.00 | 1.96 | 4.25 | 0.00 | 0.00 | 2.63 | 12.208 | 592. | 16 | |
| 58 | 3.00 | 0.00 | 0.00 | 2.92 | 3.53 | 1.30 | 93.412 | 605. | 7 | |
| 59 | 3.00 | 0.76 | 1.63 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 14 | |
| 60 | 3.00 | 0.00 | 0.00 | 0.84 | 1.01 | 0.30 | 0.000 | 593. | 14 | |
| 61 | 3.00 | 0.74 | 1.57 | 0.17 | 0.12 | 0.00 | 218.21 | 587. | 9 | |
| 62 | 3.00 | 0.00 | 0.00 | 1.92 | 2.32 | 1.30 | 67.800 | 581. | 14 | |
| 63 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.000 | 596. | 15 | |
| 64 | 3.00 | 0.69 | 1.50 | 0.00 | 0.00 | 0.00 | 3.551 | 588. | 13 | |
| 65 | 3.00 | 2.27 | 4.44 | 1.50 | 1.55 | 0.00 | 54.483 | 602. | 15 | |
| 66 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 36 | |
| 67 | 3.00 | 0.00 | 0.00 | 0.43 | 0.51 | 0.00 | 0.000 | 605. | 10 | |
| 68 | 3.00 | 5.46 | 11.34 | 1.87 | 1.62 | 0.00 | 29.808 | 589. | 3 | |
| 69 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 437.12 | 596. | 16 | |
| 70 | 3.00 | 0.00 | 0.00 | 0.17 | 0.20 | 0.00 | 0.000 | 596. | 20 | |
| 71 | 3.00 | 2.84 | 6.01 | 0.46 | 0.22 | 0.32 | 87.483 | 597. | 5 | |
| 72 | 3.00 | 0.53 | 0.48 | 2.27 | 2.68 | 0.97 | 95.697 | 578. | 14 | |
| 73 | 3.00 | 1.42 | 3.06 | 0.00 | 0.00 | 0.30 | 155.17 | 600. | 11 | |
| 74 | 3.00 | 0.36 | 0.11 | 2.19 | 2.61 | 0.00 | 67.403 | 590. | 10 | |
| 75 | 3.00 | 3.96 | 8.60 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 15 | |
| 76 | 3.00 | 4.47 | 9.41 | 0.50 | 0.09 | 0.00 | 97.546 | 608. | 5 | |
| 77 | 3.00 | 0.88 | 1.92 | 0.00 | 0.00 | 0.30 | 0.000 | 592. | 22 | |
| 78 | 3.00 | 0.66 | 0.77 | 2.17 | 2.54 | 0.00 | 140.70 | 595. | 13 | |
| 79 | 3.00 | 2.66 | 5.74 | 0.00 | 0.00 | 0.00 | 33.764 | 600. | 14 | |
| 80 | 3.00 | 0.00 | 0.00 | 2.48 | 3.00 | 0.00 | 259.50 | 597. | 18 | |
| 81 | 3.00 | 2.80 | 4.91 | 3.75 | 4.21 | 0.00 | 117.08 | 600. | 8 | |
| 82 | 3.00 | 0.80 | 1.75 | 0.00 | 0.00 | 2.63 | 0.000 | 594. | 7 | ISB13 #76 |
| (2 missing vials) | | | | | | | | | | |
| 85 | 3.00 | 3.53 | 6.14 | 4.74 | 5.32 | 0.00 | 46.972 | 607. | 5 | 2SB Inc #1 |
| 86 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 2 | |
| 87 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 13 | |
| 88 | 3.00 | 0.00 | 0.00 | 2.36 | 2.86 | 0.00 | 260.03 | 586. | 7 | |
| 89 | 3.00 | 0.00 | 0.00 | 0.53 | 0.64 | 2.97 | 0.000 | 590. | 16 | |
| 90 | 3.00 | 0.61 | 1.34 | 0.02 | 0.00 | 0.63 | 216.34 | 579. | 6 | |
| 91 | 3.00 | 0.80 | 1.74 | 0.00 | 0.00 | 0.00 | 1.944 | 590. | 6 | |
| 92 | 3.00 | 2.46 | 5.21 | 0.53 | 0.35 | 0.00 | 33.090 | 589. | 4 | |
| 93 | 3.00 | 1.71 | 3.74 | 0.00 | 0.00 | 0.00 | 19.265 | 584. | 7 | |
| 94 | 3.00 | 1.11 | 2.06 | 1.19 | 1.30 | 0.00 | 51.645 | 591. | 5 | |
| 95 | 3.00 | 1.08 | 2.36 | 0.00 | 0.00 | 0.63 | 196.93 | 585. | 6 | |
| 96 | 3.00 | 2.41 | 5.23 | 0.00 | 0.00 | 0.00 | 194.51 | 594. | 9 | |
| 97 | 3.00 | 0.00 | 0.00 | 3.56 | 4.31 | 0.00 | 490.90 | 584. | 12 | |
| 98 | 3.00 | 0.14 | 0.30 | 0.00 | 0.00 | 0.29 | 0.000 | 582. | 0 | |
| 99 | 3.00 | 0.00 | 0.00 | 2.52 | 3.04 | 0.00 | 231.17 | 592. | 7 | |
| 100 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.63 | 0.000 | 593. | 12 | |
| 101 | 3.00 | 0.00 | 0.00 | 1.01 | 1.22 | 0.00 | 0.000 | 580. | 9 | |
| 102 | 3.00 | 0.00 | 0.00 | 0.55 | 0.66 | 0.00 | 190.60 | 590. | 6 | |
| 103 | 3.00 | 0.00 | 0.00 | 0.89 | 1.08 | 0.00 | 232.87 | 589. | 6 | |
| 104 | 3.00 | 0.00 | 0.00 | 1.51 | 1.82 | 1.30 | 1382.4 | 593. | 14 | 2SB Incin #20 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-------|----------|
| 105 | 3.00 | 0.81 | 0.59 | 3.85 | 4.56 | 0.00 | 135.17 | 591. | 3-2SB | Incin#2' |
| 106 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 10 | |
| 107 | 3.00 | 0.13 | 0.29 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 5 | |
| 108 | 3.00 | 0.00 | 0.00 | 1.59 | 1.93 | 0.00 | 29.578 | 587. | 11 | |
| 109 | 3.00 | 4.63 | 10.12 | 0.00 | 0.00 | 1.30 | 0.000 | 587. | 10 | |
| 110 | 3.00 | 2.59 | 5.73 | 0.00 | 0.00 | 0.00 | 6.959 | 574. | 11 | |
| 111 | 3.00 | 0.04 | 0.09 | 0.00 | 0.00 | 0.00 | 44.626 | 574. | 10 | |
| 112 | 3.00 | 0.00 | 0.00 | 3.17 | 3.83 | 0.00 | 155.57 | 587. | 13 | |
| 113 | 3.00 | 2.08 | 4.51 | 0.00 | 0.00 | 0.00 | 127.71 | 593. | 9 | |
| 114 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 11. | |
| 115 | 3.00 | 0.00 | 0.00 | 1.68 | 2.03 | 0.63 | 372.00 | 580. | 6 | |
| 116 | 3.00 | 0.00 | 0.00 | 0.56 | 0.68 | 0.00 | 0.000 | 589. | 27 | |
| 117 | 3.00 | 1.21 | 2.69 | 0.00 | 0.00 | 1.30 | 146.40 | 569. | 12 | |
| 118 | 3.00 | 2.39 | 5.04 | 0.61 | 0.46 | 0.00 | 79.918 | 586. | 7 | |
| 119 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 13 | |
| 120 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 16 | |
| 121 | 3.00 | 0.10 | 0.00 | 1.45 | 1.74 | 0.00 | 158.31 | 550. | 11 | |
| 122 | 3.00 | 0.50 | 0.90 | 0.72 | 0.81 | 0.00 | 109.04 | 560. | 11 | |
| 123 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 559. | 27 | |
| 124 | 3.00 | 0.00 | 0.00 | 2.35 | 2.84 | 0.63 | 0.000 | 580. | 19* | |
| 125 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.000 | 524. | 12 | |
| 126 | 3.00 | 4.80 | 10.14 | 3.17 | 3.24 | 0.63 | 23.799 | 526. | 4 | |
| 127 | 3.00 | 0.41 | 0.67 | 0.83 | 0.96 | 0.00 | 0.000 | 550. | 9 | |
| 128 | 3.00 | 0.08 | 0.00 | 0.83 | 1.00 | 0.00 | 49.184 | 574. | 9 | |
| 129 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 12 | |
| 130 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 7 | |
| 131 | 3.00 | 0.83 | 1.54 | 0.89 | 0.97 | 0.00 | 74.124 | 590. | 0 | |
| 132 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 10 | |
| 133 | 3.00 | 0.17 | 0.38 | 0.00 | 0.00 | 1.63 | 0.000 | 565. | 14 | |
| 134 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 524. | 7. | |
| 135 | 3.00 | 0.00 | 0.00 | 3.17 | 3.85 | 0.00 | 299.12 | 514. | 2 | |
| 136 | 3.00 | 2.83 | 6.28 | 0.17 | 0.00 | 0.00 | 52.844 | 561. | 4 | |
| 137 | 3.00 | 0.00 | 0.00 | 0.26 | 0.31 | 0.00 | 4756.8 | 580. | 10 | |
| 138 | 3.00 | 1.04 | 2.26 | 0.26 | 0.18 | 0.00 | 60.357 | 561. | 6 | |
| 139 | 3.00 | 0.00 | 0.00 | 2.22 | 2.69 | 0.00 | 235.41 | 582. | 7 | |
| 140 | 3.00 | 0.25 | 0.06 | 1.63 | 1.94 | 0.00 | 153.98 | 584. | 10 | |
| 141 | 3.00 | 1.10 | 2.04 | 1.20 | 1.32 | 0.63 | 26.459 | 589. | 5 | |
| 142 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 14 | |
| 143 | 3.00 | 0.00 | 0.00 | 4.72 | 5.72 | 0.00 | 229.16 | 559. | 6 | |
| 144 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 14* | |
| 145 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.63 | 0.000 | 586. | 9 | |
| 146 | 3.00 | 0.00 | 0.00 | 3.56 | 4.30 | 0.00 | 0.000 | 585. | 10 | |
| 147 | 3.00 | 0.00 | 0.00 | 0.27 | 0.32 | 0.00 | 480.89 | 578. | 6 | |
| 148 | 3.00 | 2.71 | 5.84 | 0.17 | 0.00 | 0.00 | 9.582 | 593. | 10 | |
| 149 | 3.00 | 0.00 | 0.00 | 0.92 | 1.11 | 2.55 | 174.30 | 587. | 13 | |
| 150 | 3.00 | 2.67 | 5.39 | 1.60 | 1.62 | 0.00 | 49.519 | 578. | 6-2SB | Incin#66 |
| (6 missing vials) | | | | | | | | | | |
| 157 | 3.00 | 0.00 | 0.00 | 2.57 | 3.11 | 1.97 | 379.21 | 582. | 12 | 716D#1 |
| 158 | 3.00 | 0.08 | 0.17 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 10 | |
| 159 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 16 | |
| 160 | 3.00 | 3.62 | 6.67 | 3.76 | 4.13 | 0.00 | 42.245 | 599. | 0 | |
| 161 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.000 | 594. | 17 | |
| 162 | 3.00 | 1.13 | 2.19 | 0.83 | 0.88 | 0.00 | 132.55 | 603. | 5 | |
| 163 | 3.00 | 0.45 | 0.43 | 1.82 | 2.14 | 0.30 | 81.264 | 595. | 7 | |
| 164 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.000 | 587. | 17 | |
| 165 | 3.00 | 0.00 | 0.00 | 1.50 | 1.81 | 2.63 | 80.156 | 599. | 11 | 716D#9 |

3 of 6

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|------|------|------|------|--------|------|-----|---------|
| 166 | 3.00 | 0.41 | 0.23 | 2.17 | 2.57 | 0.30 | 183.67 | 589. | 8 | 716D#10 |
| 167 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.751 | 580. | 17 | |
| 168 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.000 | 595. | 13 | |
| 169 | 3.00 | 2.71 | 5.23 | 2.17 | 2.31 | 0.00 | 104.88 | 593. | 9 | |
| 170 | 3.00 | 1.48 | 3.21 | 0.00 | 0.00 | 0.00 | 158.04 | 597. | 6 | |
| 171 | 3.00 | 0.00 | 0.00 | 1.98 | 2.38 | 0.00 | 164.15 | 620. | 11 | |
| 172 | 3.00 | 0.10 | 0.21 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 10 | |
| 173 | 3.00 | 0.00 | 0.00 | 1.17 | 1.41 | 0.00 | 62.397 | 606. | 11 | |
| 174 | 3.00 | 1.56 | 3.35 | 0.00 | 0.00 | 0.97 | 0.000 | 607. | 12 | |
| 175 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 12 | |
| 176 | 3.00 | 0.07 | 0.00 | 4.79 | 5.77 | 1.97 | 89.371 | 601. | 10 | |
| 177 | 3.00 | 1.48 | 3.19 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 8 | |
| 178 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 15 | |
| 179 | 3.00 | 2.78 | 5.96 | 0.00 | 0.00 | 0.00 | 18.776 | 606. | 13 | |
| 180 | 3.00 | 0.05 | 0.00 | 1.83 | 2.21 | 0.30 | 342.95 | 598. | 10 | |
| 181 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 7 | |
| 182 | 3.00 | 1.38 | 2.96 | 0.00 | 0.00 | 0.97 | 185.88 | 609. | 12 | |
| 183 | 3.00 | 4.22 | 8.96 | 0.00 | 0.00 | 0.00 | 27.944 | 617. | 10 | |
| 184 | 3.00 | 2.13 | 4.59 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 9 | |
| 185 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 16 | |
| 186 | 3.00 | 3.92 | 7.73 | 2.43 | 2.49 | 0.00 | 34.712 | 599. | 2 | |
| 187 | 3.00 | 1.41 | 2.70 | 1.23 | 1.32 | 0.00 | 16.282 | 585. | 5 | |
| 188 | 3.00 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 14 | |
| 189 | 3.00 | 0.00 | 0.00 | 0.15 | 0.18 | 0.00 | 0.000 | 597. | 4 | |
| 190 | 3.00 | 0.56 | 0.98 | 0.74 | 0.83 | 1.30 | 250.10 | 607. | 6 | |
| 191 | 3.00 | 1.56 | 3.34 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 12 | |
| 192 | 3.00 | 2.86 | 5.54 | 2.11 | 2.21 | 0.00 | 52.185 | 599. | 5 | |
| 193 | 3.00 | 1.08 | 2.33 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 10 | |
| 194 | 3.00 | 0.00 | 0.00 | 0.39 | 0.47 | 0.00 | 0.000 | 600. | 14 | |
| 195 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 226.77 | 590. | 17 | |
| 196 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 9 | |
| 197 | 3.00 | 2.04 | 4.45 | 0.00 | 0.00 | 0.00 | 192.60 | 588. | 9 | |
| 198 | 3.00 | 0.44 | 0.94 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 8 | |
| 199 | 3.00 | 0.00 | 0.00 | 2.05 | 2.48 | 0.00 | 399.02 | 602. | 13 | |
| 200 | 3.00 | 0.53 | 1.14 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 5 | |
| 201 | 3.00 | 1.80 | 3.83 | 0.00 | 0.00 | 1.97 | 0.000 | 614. | 6 | |
| 202 | 3.00 | 0.00 | 0.00 | 0.17 | 0.20 | 0.00 | 0.000 | 604. | 9 | |
| 203 | 3.00 | 0.00 | 0.00 | 1.11 | 1.34 | 2.30 | 325.42 | 602. | 10 | |
| 204 | 3.00 | 0.00 | 0.00 | 0.49 | 0.59 | 1.63 | 663.96 | 595. | 12 | |
| 205 | 3.00 | 0.44 | 0.94 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 8 | |
| 206 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 16 | |
| 207 | 3.00 | 0.00 | 0.00 | 1.03 | 1.25 | 2.11 | 0.000 | 540. | 6 | |
| 208 | 3.00 | 1.15 | 1.27 | 4.18 | 4.92 | 0.00 | 85.010 | 567. | 3 | |
| 209 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.91 | 0.000 | 582. | 10 | |
| 210 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 14 | |
| 211 | 3.00 | 1.39 | 3.03 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 8 | |
| 212 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 6 | |
| 213 | 3.00 | 4.37 | 9.62 | 0.00 | 0.00 | 0.00 | 12.779 | 579. | 5 | |
| 214 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 9 | |
| 215 | 3.00 | 0.10 | 0.23 | 0.00 | 0.00 | 0.00 | 698.16 | 591. | 8 | |
| 216 | 3.00 | 0.00 | 0.00 | 0.02 | 0.03 | 0.97 | 0.000 | 579. | 11 | |
| 217 | 3.00 | 2.79 | 6.04 | 0.00 | 0.00 | 0.00 | 48.464 | 597. | 7 | |
| 218 | 3.00 | 0.00 | 0.00 | 3.50 | 4.23 | 0.00 | 126.46 | 590. | 9 | |
| 219 | 3.00 | 0.87 | 1.34 | 1.86 | 2.15 | 0.00 | 156.47 | 579. | 4 | |
| 220 | 3.00 | 0.00 | 0.00 | 1.73 | 2.10 | 0.00 | 153.35 | 601. | 11 | |
| 221 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 9 | 716D#65 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|-------|------|------|------|--------|------|-----|-----------|
| 222 | 3.00 | 1.41 | 2.71 | 1.11 | 1.18 | 0.00 | 39.818 | 598. | 12 | 716D# 66 |
| 223 | 3.00 | 0.00 | 0.00 | 5.24 | 6.34 | 0.00 | 154.63 | 582. | 7 | |
| 224 | 3.00 | 0.00 | 0.00 | 0.50 | 0.61 | 0.00 | 942.81 | 602. | 6 | |
| 225 | 3.00 | 0.00 | 0.00 | 0.17 | 0.20 | 0.00 | 0.000 | 591. | 10 | |
| 226 | 3.00 | 0.44 | 0.95 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 8 | |
| 227 | 3.00 | 0.00 | 0.00 | 1.83 | 2.22 | 0.00 | 453.67 | 597. | 15 | |
| 228 | 3.00 | 0.00 | 0.00 | 2.17 | 2.62 | 0.97 | 99.667 | 603. | 7 | |
| 229 | 3.00 | 3.44 | 6.84 | 2.17 | 2.22 | 0.00 | 29.936 | 589. | 6 | |
| 230 | 3.00 | 2.18 | 4.27 | 1.45 | 1.50 | 0.00 | 28.250 | 597. | 5 | |
| 231 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 12 | |
| 232 | 3.00 | 0.00 | 0.00 | 1.04 | 1.25 | 0.00 | 24.171 | 603. | 16 | |
| 233 | 3.00 | 0.00 | 0.00 | 2.83 | 3.43 | 0.00 | 229.22 | 598. | 10 | |
| 234 | 3.00 | 1.92 | 3.68 | 1.35 | 1.41 | 0.00 | 64.850 | 616. | 7 | |
| 235 | 3.00 | 1.62 | 3.18 | 0.93 | 0.94 | 0.00 | 28.305 | 610. | 10 | |
| 236 | 3.00 | 1.81 | 2.85 | 3.49 | 4.01 | 0.00 | 86.649 | 595. | 5 | |
| 237 | 3.00 | 0.91 | 1.93 | 0.00 | 0.00 | 0.30 | 0.000 | 613. | 8 | |
| 238 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 0.000 | 589. | 17 | |
| 239 | 3.00 | 0.22 | 0.47 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 11 | |
| 240 | 3.00 | 0.96 | 2.06 | 0.00 | 0.00 | 1.63 | 0.000 | 604. | 11 | |
| 241 | 3.00 | 1.38 | 3.01 | 0.00 | 0.00 | 2.63 | 29.287 | 589. | 11 | |
| 242 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 13 | |
| 243 | 3.00 | 0.47 | 1.01 | 0.00 | 0.00 | 0.00 | 183.21 | 598. | 6 | |
| 244 | 3.00 | 2.89 | 5.37 | 2.71 | 2.95 | 0.00 | 65.950 | 611. | 6 | |
| 245 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 9 | |
| 246 | 3.00 | 0.72 | 1.53 | 0.00 | 0.00 | 0.00 | 277.39 | 610. | 11 | |
| 247 | 3.00 | 0.49 | 1.05 | 0.00 | 0.00 | 1.63 | 33.580 | 614. | 12 | |
| 248 | 3.00 | 0.00 | 0.00 | 1.48 | 1.79 | 0.00 | 40.950 | 596. | 16 | |
| 249 | 3.00 | 0.00 | 0.00 | 2.71 | 3.28 | 0.00 | 370.73 | 603. | 4 | |
| 250 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 22 | |
| 251 | 3.00 | 2.63 | 5.57 | 0.17 | 0.00 | 0.00 | 96.805 | 611. | 14 | |
| 252 | 3.00 | 1.86 | 3.90 | 0.35 | 0.21 | 0.00 | 106.73 | 604. | 25 | |
| 253 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.30 | 0.000 | 604. | 16 | |
| 254 | 3.00 | 1.80 | 3.09 | 2.50 | 2.81 | 1.97 | 97.983 | 613. | 5 | |
| 255 | 3.00 | 0.08 | 0.17 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 10 | |
| 256 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 11 | 100 |
| 257 | 3.00 | 5.15 | 11.18 | 0.00 | 0.00 | 0.00 | 29.097 | 593. | 3 | |
| 258 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.30 | 0.000 | 603. | 7 | |
| 259 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 10 | |
| 260 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 13 | |
| 261 | 3.00 | 1.05 | 2.30 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 12 | |
| 262 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.000 | 598. | 9 | |
| 263 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 17 | |
| 264 | 3.00 | 1.51 | 3.21 | 0.00 | 0.00 | 0.00 | 99.235 | 615. | 12 | |
| 265 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 22 | |
| 266 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.000 | 607. | 16 | |
| 267 | 3.00 | 2.11 | 4.53 | 0.00 | 0.00 | 0.00 | 196.20 | 607. | 12 | |
| 268 | 3.00 | 2.46 | 4.87 | 1.45 | 1.46 | 0.00 | 59.324 | 602. | 8 | |
| 269 | 3.00 | 0.00 | 0.00 | 1.17 | 1.41 | 0.97 | 104.84 | 592. | 16 | |
| 270 | 3.00 | 1.25 | 2.70 | 0.00 | 0.00 | 0.00 | 206.22 | 594. | 18 | |
| 271 | 3.00 | 0.20 | 0.00 | 2.52 | 3.02 | 0.00 | 81.227 | 591. | 18 | |
| 272 | 3.00 | 0.00 | 0.00 | 0.64 | 0.77 | 1.97 | 23.981 | 573. | 18 | |
| 273 | 3.00 | 1.06 | 1.94 | 1.35 | 1.51 | 0.00 | 43.902 | 565. | 17 | |
| 274 | 3.00 | 2.10 | 4.15 | 1.17 | 1.17 | 0.00 | 97.163 | 609. | 7 | |
| 75 | 3.00 | 0.37 | 0.80 | 0.00 | 0.00 | 0.97 | 0.000 | 603. | 19 | |
| 276 | 3.00 | 0.65 | 1.45 | 0.00 | 0.00 | 0.30 | 0.000 | 573. | 16 | |
| 277 | 3.00 | 2.37 | 4.14 | 3.01 | 3.37 | 0.30 | 70.827 | 615. | 16 | 716D# 121 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|------|------|------|------|--------|------|-----|------------|
| 278 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 17 | 716D# 122 |
| 279 | 3.00 | 0.00 | 0.00 | 1.47 | 1.77 | 0.00 | 94.806 | 596. | 13 | |
| 280 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 16 | |
| 281 | 3.00 | 4.25 | 8.92 | 0.63 | 0.27 | 0.00 | 12.125 | 608. | 9 | |
| 282 | 3.00 | 0.88 | 1.43 | 1.56 | 1.79 | 0.00 | 110.63 | 591. | 16 | |
| 283 | 3.00 | 0.00 | 0.00 | 0.83 | 1.01 | 0.00 | 0.000 | 609. | 17 | |
| 284 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.000 | 598. | 11 | |
| 285 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.30 | 51.957 | 614. | 23 | |
| 286 | 3.00 | 0.00 | 0.00 | 1.46 | 1.77 | 0.00 | 38.159 | 597. | 22 | |
| 287 | 3.00 | 1.09 | 2.33 | 0.00 | 0.00 | 0.00 | 19.955 | 611. | 16 | |
| 288 | 3.00 | 1.73 | 3.36 | 1.12 | 1.16 | 0.00 | 74.380 | 611. | 11 | |
| 289 | 3.00 | 1.14 | 0.92 | 5.08 | 6.00 | 0.00 | 77.233 | 607. | | 9-716D 131 |
| (2 missing vials) | | | | | | | | | | |
| 292 | 3.00 | 2.82 | 6.08 | 0.00 | 0.00 | 0.30 | 0.000 | 601. | 7 | 716D 134 |
| 293 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 26 | |
| 294 | 3.00 | 0.61 | 0.18 | 3.72 | 4.43 | 0.00 | 85.239 | 602. | 3 | |
| 295 | 3.00 | 0.00 | 0.00 | 2.17 | 2.62 | 0.00 | 151.01 | 595. | 19 | |
| 296 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.30 | 0.000 | 620. | 32 | |
| 297 | 3.00 | 2.06 | 4.39 | 0.00 | 0.00 | 0.00 | 22.191 | 615. | 18 | |
| 298 | 3.00 | 0.00 | 0.00 | 0.74 | 0.90 | 0.30 | 823.91 | 606. | 19. | |
| 299 | 3.00 | 2.41 | 5.13 | 0.00 | 0.00 | 0.30 | 0.000 | 616. | 10 | |
| 300 | 3.00 | 0.63 | 1.35 | 0.00 | 0.00 | 0.00 | 63.020 | 614. | 16 | |
| 301 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 619. | 21 | |
| 302 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 81.222 | 599. | 22 | |
| 303 | 3.00 | 0.00 | 0.00 | 2.20 | 2.66 | 0.00 | 208.31 | 614. | 17 | |
| 304 | 3.00 | 0.00 | 0.00 | 2.83 | 3.43 | 0.00 | 245.49 | 571. | 11 | |
| 305 | 3.00 | 0.57 | 1.22 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 8 | |
| 306 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 633. | 8 | |
| 307 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 21 | |
| 308 | 3.00 | 2.74 | 5.85 | 0.00 | 0.00 | 0.30 | 25.109 | 614. | 8 | |
| 309 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 616. | 20 | |
| 310 | 3.00 | 0.00 | 0.00 | 0.19 | 0.23 | 0.30 | 321.97 | 590. | 17 | |
| 311 | 3.00 | 1.42 | 2.24 | 2.69 | 3.08 | 3.30 | 102.31 | 604. | 15 | |
| 312 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 616. | 20 | |
| 313 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 21 | |
| 314 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 21 | |
| 315 | 3.00 | 1.02 | 2.18 | 0.00 | 0.00 | 0.00 | 940.65 | 612. | 13 | |
| 316 | 3.00 | 0.68 | 0.53 | 3.09 | 3.65 | 0.00 | 74.014 | 622. | 15 | |
| 317 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.000 | 595. | 25 | |
| 318 | 3.00 | 2.44 | 5.02 | 0.83 | 0.72 | 0.00 | 43.537 | 596. | 7 | |
| 319 | 3.00 | 1.42 | 1.72 | 4.38 | 5.13 | 0.00 | 79.264 | 611. | 13 | |
| 320 | 3.00 | 1.71 | 3.67 | 0.00 | 0.00 | 0.00 | 34.859 | 604. | 16 | |
| 321 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 26 | |
| 322 | 3.00 | 0.00 | 0.00 | 0.17 | 0.20 | 0.00 | 0.000 | 605. | 24 | |
| 323 | 3.00 | 0.77 | 1.64 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 19 | |
| 324 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 14.2 | 66 | E |
| 325 | 3.00 | 0.00 | 0.00 | 2.29 | 2.76 | 0.00 | 109.20 | 623. | 9 | |
| 326 | 3.00 | 0.88 | 1.82 | 0.22 | 0.17 | 0.63 | 123.46 | 613. | 17 | |
| 327 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 22 | |
| 328 | 3.00 | 0.00 | 0.00 | 1.88 | 2.28 | 0.00 | 53.535 | 586. | 13 | |
| 329 | 3.00 | 1.49 | 3.25 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 21 | |
| 330 | 3.00 | 2.38 | 5.10 | 0.14 | 0.00 | 0.00 | 52.555 | 598. | 12 | |
| 331 | 3.00 | 0.00 | 0.00 | 1.83 | 2.22 | 0.30 | 0.000 | 572. | 19 | |
| 332 | 3.00 | 0.54 | 0.19 | 3.26 | 3.88 | 0.00 | 151.37 | 579. | 14 | |
| 333 | 3.00 | 0.00 | 0.00 | 0.64 | 0.78 | 0.00 | 263.53 | 620. | 27 | |
| 334 | 3.00 | 0.00 | 0.00 | 1.06 | 1.28 | 1.63 | 43.541 | 609. | 14 | 716D# 176 |

FRONT PIN JAM FWD

6 of 6

LH 718, 734, 734A,

Protocol #:26 Name:Decommissioning2 21-Jun-2004 10:36
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|---------|
| 1 | 10.00 | 7.86 | | 12.09 | | 9.50 | 61.715 | 582. | 14 | B |
| 2 | 3.00 | 16515.9 | 437.35 | 115047. | 133891. | 624.28 | 164.33 | 1011 | 0 | E |
| 3 | 3.00 | 105038. | 170469. | 8663.90 | 0.00 | 3.50 | 20.296 | 1011 | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 1001 | 21 | E |
| (2 missing vials) | | | | | | | | | | |
| 7 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 14 | 718 #1 |
| 8 | 3.00 | 0.00 | 0.00 | 0.24 | 0.30 | 0.00 | 0.000 | 590. | 20 | |
| 9 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 | 0.000 | 599. | 17 | |
| 10 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 21 | |
| 11 | 3.00 | 0.81 | 1.74 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 12 | |
| 12 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 13 | |
| 13 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 25 | |
| 14 | 3.00 | 0.39 | 0.83 | 0.00 | 0.00 | 0.00 | 0.000 | 611. | 6 | |
| 15 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 20 | |
| 16 | 3.00 | 3.42 | 6.72 | 2.33 | 2.41 | 0.75 | 95.374 | 591. | 3 | |
| 17 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 25 | |
| 18 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 12 | |
| 19 | 3.00 | 1.21 | 2.56 | 0.00 | 0.00 | 0.00 | 0.000 | 618. | 8 | |
| 20 | 3.00 | 0.00 | 0.00 | 1.00 | 1.21 | 0.00 | 1444.4 | 611. | 13 | |
| 21 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 9 | |
| 22 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 25 | |
| 23 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 13 | |
| 24 | 3.00 | 0.00 | 0.00 | 1.24 | 1.50 | 0.00 | 162.67 | 608. | 9 | |
| 25 | 3.00 | 0.51 | 1.09 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 12 | |
| 26 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 17 | |
| 27 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.17 | 0.000 | 598. | 30 | |
| 28 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 18 | |
| 29 | 3.00 | 0.00 | 0.00 | 1.08 | 1.31 | 0.00 | 0.000 | 605. | 17 | |
| 30 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 17 | |
| 31 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.83 | 0.000 | 612. | 13 | |
| 32 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 6 | |
| 33 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 12 | |
| 34 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 11 | |
| 35 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 7 | |
| 36 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 9 | |
| 37 | 3.00 | 0.00 | 0.00 | 0.74 | 0.90 | 0.00 | 0.000 | 606. | 4 | |
| 38 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 614. | 20 | |
| 39 | 3.00 | 0.37 | 0.78 | 0.00 | 0.00 | 0.00 | 0.000 | 610. | 15 | |
| 40 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 14 | |
| 41 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 19 | |
| 42 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 | 0.000 | 597. | 23 | |
| 43 | 3.00 | 1.06 | 2.29 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 16 | |
| 44 | 3.00 | 0.75 | 1.62 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 5 | |
| 45 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 19 | |
| 46 | 3.00 | 0.00 | 0.00 | 1.91 | 2.31 | 0.00 | 224.15 | 589. | 12 | |
| 47 | 3.00 | 2.45 | 5.23 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 14 | 718 #4) |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|------|------|------|------|--------|------|-----|--------|
| 48 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 7 | 718#42 |
| 49 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 16 | |
| 50 | 3.00 | 0.00 | 0.00 | 0.22 | 0.27 | 0.00 | 0.000 | 618. | 7 | |
| 51 | 3.00 | 0.94 | 1.83 | 0.58 | 0.59 | 0.00 | 0.000 | 617. | 11 | |
| 52 | 3.00 | 0.34 | 0.72 | 0.00 | 0.00 | 0.00 | 0.000 | 610. | 14 | |
| 53 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 611. | 24 | |
| 54 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 16 | |
| 55 | 3.00 | 0.05 | 0.11 | 0.00 | 0.00 | 0.00 | 0.000 | 616. | 14 | |
| 56 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 7 | |
| 57 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 10 | |
| 58 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 17 | |
| 59 | 3.00 | 0.78 | 1.30 | 1.18 | 1.34 | 0.50 | 308.65 | 627. | 5 | |
| 60 | 3.00 | 0.99 | 2.11 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 15 | |
| 61 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 14 | |
| 62 | 3.00 | 0.50 | 1.07 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 18 | |
| 63 | 3.00 | 1.97 | 4.20 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 20 | |
| 64 | 3.00 | 1.57 | 3.38 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 16 | |
| 65 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 17 | |
| 66 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 18 | |
| 67 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 617. | 21 | |
| 68 | 3.00 | 0.71 | 1.54 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 11 | |
| 69 | 3.00 | 2.29 | 4.93 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 5 | |
| 70 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 617. | 11 | |
| 71 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 22 | |
| 72 | 3.00 | 0.60 | 1.28 | 0.00 | 0.00 | 0.00 | 349.38 | 610. | 7 | |
| 73 | 3.00 | 0.00 | 0.00 | 1.91 | 2.31 | 0.00 | 186.24 | 609. | 14 | |
| 74 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 611. | 14 | |
| 75 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 17 | |
| 76 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 16 | |
| 77 | 3.00 | 2.71 | 5.77 | 0.00 | 0.00 | 0.83 | 76.338 | 615. | 13 | |
| 78 | 3.00 | 1.16 | 2.45 | 0.14 | 0.03 | 0.00 | 200.04 | 609. | 5 | |
| 79 | 3.00 | 0.00 | 0.00 | 0.06 | 0.07 | 0.00 | 0.000 | 619. | 13 | |
| 80 | 3.00 | 0.00 | 0.00 | 2.15 | 2.60 | 0.00 | 157.58 | 607. | 12 | |
| 81 | 3.00 | 0.00 | 0.00 | 0.20 | 0.24 | 0.00 | 0.000 | 600. | 5 | |
| 82 | 3.00 | 0.05 | 0.12 | 0.00 | 0.00 | 0.50 | 0.000 | 601. | 6 | |
| 83 | 3.00 | 0.32 | 0.68 | 0.00 | 0.00 | 1.83 | 0.000 | 611. | 19 | |
| 84 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 16 | |
| 85 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 11 | |
| 86 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 7 | |
| 87 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.06 | 0.000 | 613. | 14 | |
| 88 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 610. | 7 | |
| 89 | 3.00 | 3.24 | 6.89 | 0.00 | 0.00 | 0.17 | 79.566 | 616. | 12 | |
| 90 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 617. | 7 | |
| 91 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50 | 0.000 | 606. | 15 | |
| 92 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 15 | |
| 93 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 19 | |
| 94 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 611. | 11 | |
| 95 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 15 | |
| 96 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 19 | |
| 97 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 11 | |
| 98 | 3.00 | 1.45 | 3.11 | 0.00 | 0.00 | 0.00 | 144.98 | 608. | 5 | |
| 99 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 8 | |
| 100 | 3.00 | 0.00 | 0.00 | 0.91 | 1.10 | 0.17 | 0.000 | 616. | 16 | |
| 01 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 9 | |
| 02 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 20 | |
| 103 | 3.00 | 0.81 | 1.73 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 19 | 718#97 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-----|---------|
| 104 | 3.00 | 0.47 | 1.02 | 0.00 | 0.00 | 0.00 | 58.647 | 602. | 21 | 718#98 |
| 105 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 26 | |
| 06 | 3.00 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 10 | |
| 07 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 616. | 20 | |
| 108 | 3.00 | 1.67 | 3.59 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 8 | |
| 109 | 3.00 | 1.69 | 3.64 | 0.00 | 0.00 | 2.50 | 0.000 | 602. | 11 | |
| 110 | 3.00 | 1.84 | 3.91 | 0.00 | 0.00 | 0.00 | 38.223 | 613. | 14 | |
| 111 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 19 | |
| 112 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 613. | 12 | |
| 113 | 3.00 | 0.05 | 0.00 | 1.11 | 1.34 | 0.00 | 48.041 | 612. | 12 | |
| 114 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 25 | |
| 115 | 3.00 | 0.53 | 1.14 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 21 | |
| 116 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 27 | |
| 117 | 3.00 | 3.04 | 6.46 | 0.00 | 0.00 | 0.00 | 0.000 | 618. | 7 | |
| 118 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.17 | 0.000 | 597. | 10 | |
| 119 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 634. | 16 | |
| 120 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 615. | 21 | |
| 121 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 5 | |
| 122 | 3.00 | 3.45 | 7.33 | 0.00 | 0.00 | 0.00 | 0.000 | 617. | 12 | |
| 123 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 611. | 21 | |
| 124 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.000 | 605. | 30 | |
| 125 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 610. | 24 | |
| 126 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 10 | |
| 127 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 22 | |
| 128 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 14 | |
| 129 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 17 | |
| 130 | 3.00 | 1.93 | 4.12 | 0.00 | 0.00 | 1.50 | 0.000 | 615. | 20 | |
| 131 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.17 | 0.000 | 608. | 13 | |
| 32 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 616. | 17 | |
| 133 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 23 | |
| 134 | 3.00 | 0.97 | 2.10 | 0.00 | 0.00 | 0.17 | 0.000 | 600. | 10 | |
| 135 | 3.00 | 0.17 | 0.36 | 0.00 | 0.00 | 0.00 | 0.000 | 610. | 21 | |
| 136 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 16 | |
| 137 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 611. | 16 | |
| 138 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 22 | |
| 139 | 3.00 | 2.42 | 5.32 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 17 | 718#133 |
| (3 missing vials) | | | | | | | | | | |
| 143 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 14 | 734#1 |
| 144 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 11 | |
| 145 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 18 | |
| 146 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 19 | |
| 147 | 3.00 | 3.30 | 7.15 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 10 | |
| 148 | 3.00 | 2.58 | 5.63 | 0.00 | 0.00 | 0.51 | 0.000 | 590. | 10 | |
| 149 | 3.00 | 5.00 | 10.64 | 0.55 | 0.08 | 1.83 | 47.235 | 598. | 8 | |
| 150 | 3.00 | 2.34 | 5.06 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 9 | |
| 151 | 3.00 | 1.72 | 3.72 | 0.00 | 0.00 | 0.83 | 0.000 | 601. | 13 | |
| 152 | 3.00 | 1.13 | 2.44 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 12 | |
| 153 | 3.00 | 1.47 | 3.15 | 0.00 | 0.00 | 1.50 | 0.000 | 605. | 21 | |
| 154 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 16 | |
| 155 | 3.00 | 2.25 | 4.87 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 14 | |
| 156 | 3.00 | 0.00 | 0.00 | 1.84 | 2.22 | 0.00 | 0.000 | 604. | 21 | |
| 157 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 32 | |
| 158 | 3.00 | 3.78 | 8.22 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 19 | |
| 59 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 24 | |
| 160 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 16 | |
| 161 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 | 0.000 | 600. | 21 | 734#19 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|------|------|------|------|--------|------|-----|--------|
| 162 | 3.00 | 0.16 | 0.00 | 2.34 | 2.81 | 0.00 | 68.153 | 580. | 11 | 734#20 |
| 163 | 3.00 | 1.67 | 3.04 | 1.91 | 2.12 | 0.00 | 76.591 | 593. | 7 | |
| 164 | 3.00 | 1.68 | 3.63 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 11 | |
| 165 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.000 | 596. | 29 | |
| 166 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.000 | 599. | 31 | |
| 167 | 3.00 | 3.54 | 7.70 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 14 | |
| 168 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 21 | |
| 169 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 67.766 | 597. | 19 | |
| 170 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 19 | |
| 171 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.000 | 606. | 11 | |
| 172 | 3.00 | 2.42 | 5.23 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 5 | |
| 173 | 3.00 | 1.28 | 2.76 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 13 | |
| 174 | 3.00 | 0.69 | 1.51 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 8 | |
| 175 | 3.00 | 0.00 | 0.00 | 0.24 | 0.30 | 0.00 | 1052.3 | 602. | 19 | |
| 176 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 28 | |
| 177 | 3.00 | 0.19 | 0.42 | 0.00 | 0.00 | 0.00 | 469.16 | 596. | 17 | |
| 178 | 3.00 | 0.00 | 0.00 | 0.60 | 0.72 | 0.00 | 34.101 | 593. | 28 | |
| 179 | 3.00 | 1.39 | 3.03 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 21 | |
| 180 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 28 | |
| 181 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 15 | |
| 182 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 28 | |
| 183 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 21 | |
| 184 | 3.00 | 1.13 | 2.45 | 0.00 | 0.00 | 0.00 | 22.829 | 597. | 19 | |
| 185 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 24 | |
| 186 | 3.00 | 2.58 | 5.49 | 0.00 | 0.00 | 0.00 | 0.000 | 617. | 21 | |
| 187 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 12 | |
| 188 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 610. | 18 | |
| 189 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 13 | |
| 190 | 3.00 | 1.25 | 2.68 | 0.00 | 0.00 | 1.50 | 0.000 | 610. | 7 | |
| 191 | 3.00 | 1.53 | 3.27 | 0.00 | 0.00 | 0.00 | 0.000 | 610. | 4 | |
| 192 | 3.00 | 2.78 | 5.94 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 8 | |
| 193 | 3.00 | 0.64 | 0.96 | 1.43 | 1.66 | 0.00 | 0.000 | 601. | 15 | |
| 194 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 8 | |
| 195 | 3.00 | 1.02 | 2.20 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 12 | |
| 196 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 9 | |
| 197 | 3.00 | 2.24 | 4.84 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 14 | |
| 198 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 176.33 | 603. | 13 | |
| 199 | 3.00 | 0.36 | 0.77 | 0.00 | 0.00 | 1.17 | 0.000 | 604. | 8 | |
| 200 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 9 | |
| 201 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 8 | |
| 202 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.000 | 606. | 20 | |
| 203 | 3.00 | 3.05 | 6.08 | 1.58 | 1.55 | 0.00 | 93.666 | 606. | 4 | |
| 204 | 3.00 | 2.73 | 5.86 | 0.00 | 0.00 | 0.83 | 0.000 | 604. | 13 | |
| 205 | 3.00 | 1.93 | 4.16 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 17 | |
| 206 | 3.00 | 0.39 | 0.84 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 16 | |
| 207 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 611. | 13 | |
| 208 | 3.00 | 0.00 | 0.00 | 1.49 | 1.80 | 0.00 | 165.48 | 606. | 16 | |
| 209 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 8 | |
| 210 | 3.00 | 2.12 | 4.53 | 0.00 | 0.00 | 0.00 | 0.000 | 610. | 9 | |
| 211 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 11 | |
| 212 | 3.00 | 1.13 | 2.43 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 5 | |
| 213 | 3.00 | 1.11 | 2.39 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 2 | |
| 214 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 12 | |
| 215 | 3.00 | 2.28 | 4.91 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 11 | |
| 216 | 3.00 | 0.00 | 0.00 | 0.70 | 0.85 | 0.00 | 0.000 | 609. | 23 | |
| 217 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 17 | 734#75 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|---------------|------|------|------|------|------|------|--------|------|-----|-----------|
| 218 | 3.00 | 0.67 | 1.43 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 9 | 734# 76 |
| 219 | 3.00 | 0.00 | 0.00 | 3.85 | 4.65 | 0.00 | 17.156 | 603. | 11 | |
| 220 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 10 | |
| 221 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 13 | |
| 222 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 610. | 10 | |
| 223 | 3.00 | 1.31 | 2.86 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 9 | |
| 224 | 3.00 | 0.25 | 0.52 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 21 | |
| 225 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 25 | |
| 226 | 3.00 | 2.53 | 5.45 | 0.00 | 0.00 | 0.17 | 0.000 | 601. | 18 | |
| 227 | 3.00 | 1.36 | 2.94 | 0.00 | 0.00 | 0.50 | 0.000 | 599. | 8 | |
| 228 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 13 | |
| 229 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.000 | 606. | 12 | |
| 230 | 3.00 | 1.69 | 3.48 | 0.58 | 0.50 | 0.00 | 188.21 | 600. | 6 | |
| 231 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 7 | |
| 232 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 21 | |
| 233 | 3.00 | 0.00 | 0.00 | 0.28 | 0.33 | 0.00 | 0.000 | 589. | 8 | |
| 234 | 3.00 | 0.53 | 1.25 | 0.00 | 0.00 | 1.17 | 0.000 | 516. | 7 | |
| 235 | 3.00 | 0.55 | 1.19 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 15 | |
| 236 | 3.00 | 0.24 | 0.19 | 1.06 | 1.25 | 0.00 | 300.99 | 603. | 5 | |
| 237 | 3.00 | 0.00 | 0.00 | 1.28 | 1.54 | 0.00 | 176.63 | 589. | 13 | |
| 238 | 3.00 | 1.63 | 3.52 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 12 | |
| 239 | 3.00 | 0.53 | 1.15 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 10 | |
| 240 | 3.00 | 0.41 | 0.11 | 2.51 | 2.98 | 0.00 | 1.967 | 604. | 7 | |
| 241 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.000 | 600. | 13 | |
| 242 | 3.00 | 1.66 | 3.22 | 1.22 | 1.29 | 0.00 | 82.755 | 597. | 9 | |
| 243 | 3.00 | 1.73 | 3.74 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 5 | |
| 244 | 3.00 | 0.83 | 1.78 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 9 | |
| 245 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 20 | |
| 246 | 3.00 | 0.00 | 0.00 | 1.13 | 1.36 | 0.00 | 0.000 | 610. | 30 | |
| 247 | 3.00 | 2.30 | 4.99 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 11 | |
| 248 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 13 | |
| 249 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.000 | 595. | 21 | |
| 250 | 3.00 | 2.56 | 5.47 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 2 | |
| 251 | 3.00 | 0.00 | 0.00 | 0.54 | 0.65 | 0.00 | 0.000 | 600. | 6 | |
| 252 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 14 | |
| 253 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 10 | |
| 254 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 14 | |
| 255 | 3.00 | 0.00 | 0.00 | 0.58 | 0.70 | 0.17 | 0.000 | 604. | 17 | |
| 256 | 3.00 | 1.02 | 2.19 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 12 | |
| 257 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 19 | |
| 258 | 3.00 | 0.69 | 1.52 | 0.00 | 0.00 | 2.17 | 0.000 | 586. | 16 | |
| 259 | 3.00 | 0.71 | 1.55 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 5 | |
| 260 | 3.00 | 0.00 | 0.00 | 0.54 | 0.66 | 0.00 | 0.000 | 599. | 9 | |
| 261 | 3.00 | 0.00 | 0.00 | 2.24 | 2.72 | 0.00 | 1198.0 | 577. | 8 | |
| 262 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 12 | |
| 263 | 3.00 | 0.00 | 0.00 | 1.24 | 1.50 | 0.00 | 388.13 | 597. | 10 | |
| 264 | 3.00 | 0.00 | 0.00 | 0.55 | 0.66 | 0.00 | 0.000 | 598. | 18 | |
| 265 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 32 | |
| 266 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 23 | |
| 267 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.000 | 606. | 14 | |
| 268 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 11 | |
| 269 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 8 | |
| 270 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.000 | 582. | 5 | |
| 71 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 2 | 734# 129 |
| missing vial) | | | | | | | | | | |
| 273 | 3.00 | 1.08 | 2.41 | 0.00 | 0.00 | 0.00 | 0.000 | 568. | 3 | 734-1/A#1 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|-------|-------|------|------|------|--------|------|-----|-------------|
| 274 | 3.00 | 0.00 | 0.00 | 1.24 | 1.51 | 0.00 | 0.000 | 496. | 22 | 734-1-A #2 |
| 275 | 3.00 | 0.00 | 0.00 | 2.13 | 2.57 | 0.00 | 3.892 | 551. | 16 | |
| 276 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 37 | |
| 277 | 3.00 | 0.81 | 1.77 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 19 | |
| 278 | 3.00 | 1.86 | 4.15 | 0.00 | 0.00 | 0.00 | 0.000 | 563. | 13 | |
| 279 | 3.00 | 2.23 | 4.84 | 0.46 | 0.28 | 0.00 | 4.023 | 565. | 17 | |
| 280 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 565. | 23 | |
| 281 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 574. | 12 | |
| 282 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 29 | |
| 283 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 12 | |
| 284 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 553. | 41 | |
| 285 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 545. | 30 | |
| 286 | 3.00 | 1.58 | 3.47 | 0.00 | 0.00 | 0.83 | 0.000 | 585. | 22 | |
| 287 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 548. | 25 | |
| 288 | 3.00 | 1.56 | 3.46 | 0.00 | 0.00 | 0.83 | 0.000 | 574. | 14 | |
| 289 | 3.00 | 0.30 | 0.67 | 0.00 | 0.00 | 0.00 | 0.000 | 574. | 11 | |
| 290 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 571. | 13 | |
| 291 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 10 | |
| 292 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 555. | 12 | |
| 293 | 3.00 | 0.82 | 1.80 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 15 | |
| 294 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 547. | 20 | |
| 295 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 549. | 30 | |
| 296 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 32 | |
| 297 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 27 | |
| 298 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 20 | |
| 299 | 3.00 | 0.00 | 0.00 | 1.91 | 2.31 | 0.00 | 0.000 | 574. | 8 | |
| 300 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 563. | 18 | |
| 301 | 3.00 | 0.42 | 0.82 | 0.41 | 0.44 | 0.00 | 0.000 | 555. | 12 | |
| 302 | 3.00 | 0.00 | 0.00 | 0.62 | 0.75 | 0.00 | 0.000 | 582. | 19 | |
| 303 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.000 | 603. | 36 | |
| 304 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 610. | 30 | |
| 305 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 35 | |
| 306 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 15 | |
| 307 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 611. | 31 | |
| 308 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.000 | 598. | 22 | |
| 309 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 27 | |
| 310 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 29 | |
| 311 | 3.00 | 0.37 | 0.58 | 0.73 | 0.84 | 0.00 | 236.98 | 603. | 15 | |
| 312 | 3.00 | 0.35 | 0.72 | 0.17 | 0.16 | 0.00 | 0.000 | 580. | 11 | |
| 313 | 3.00 | 0.44 | 0.96 | 0.00 | 0.00 | 0.50 | 0.000 | 591. | 18 | |
| 314 | 3.00 | 0.00 | 0.00 | 0.65 | 0.78 | 0.00 | 0.000 | 589. | 27 | |
| 315 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 14 | |
| 316 | 3.00 | 1.01 | 2.13 | 0.23 | 0.16 | 0.83 | 16.889 | 596. | 23 | |
| 317 | 3.00 | 3.85 | 8.36 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 15 | |
| 318 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 24 | |
| 319 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50 | 0.000 | 575. | 13 | |
| 320 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 | 0.000 | 577. | 21 | |
| 321 | 3.00 | 0.00 | 0.00 | 0.56 | 0.67 | 0.00 | 0.000 | 597. | 19 | |
| 322 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 12 | |
| 323 | 3.00 | 1.66 | 3.61 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 7 | |
| 324 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 24 | |
| 325 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 15 | |
| 326 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 35 | |
| 27 | 3.00 | 24.78 | 53.09 | 1.55 | 0.00 | 0.00 | 10.121 | 598. | 10 | |
| 228 | 3.00 | 2.58 | 5.60 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 14 | |
| 329 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 15 | 734-1-A #57 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|------|------|------|------|-------|------|-----|------------|
| 330 | 3.00 | 2.10 | 4.52 | 0.00 | 0.00 | 0.17 | 0.000 | 604. | 14 | 734-1-A#58 |
| 331 | 3.00 | 3.06 | 6.84 | 0.00 | 0.00 | 0.00 | 0.000 | 565. | 11 | |
| 332 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.000 | 601. | 24 | |
| 333 | 3.00 | 1.60 | 3.47 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 11 | |
| 334 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 24 | |
| 335 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 26 | |
| 336 | 3.00 | 0.89 | 1.98 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 14 | |
| 337 | 3.00 | 1.81 | 3.90 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 5 | |
| 338 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 27 | |
| 339 | 3.00 | 0.00 | 0.00 | 0.91 | 1.10 | 0.00 | 0.000 | 579. | 15 | |
| 340 | 3.00 | 0.97 | 2.11 | 0.00 | 0.00 | 0.50 | 0.000 | 594. | 10 | |
| 341 | 3.00 | 0.25 | 0.55 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 7 | |
| 342 | 3.00 | 3.94 | 8.52 | 0.00 | 0.00 | 2.83 | 0.000 | 599. | 12 | |
| 343 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 24 | |
| 344 | 3.00 | 1.97 | 4.26 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 11 | |
| 345 | 3.00 | 1.51 | 3.32 | 0.00 | 0.00 | 0.28 | 0.000 | 583. | 14 | |
| 346 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 569. | 24 | |
| 347 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 566. | 26 | |
| 348 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.000 | 558. | 46 | |
| 349 | 3.00 | 0.51 | 1.15 | 0.00 | 0.00 | 0.00 | 0.000 | 551. | 24 | |
| 350 | 3.00 | 0.89 | 2.04 | 0.00 | 0.00 | 1.83 | 0.000 | 539. | 14 | |
| 351 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 559. | 32 | |
| 352 | 3.00 | 0.47 | 1.02 | 0.00 | 0.00 | 0.83 | 0.000 | 591. | 16 | |
| 353 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 536. | 15 | |
| 354 | 3.00 | 1.18 | 2.66 | 0.00 | 0.00 | 0.00 | 0.000 | 558. | 10 | |
| 355 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.83 | 0.000 | 580. | 14 | 734-1-A#83 |

| | | | | | | | | | | |
|-----|------|------|------|------|------|------|-------|------|----|-------------|
| 356 | 3.00 | 1.80 | 4.00 | 0.00 | 0.00 | 1.17 | 0.000 | 566. | 10 | 734-1-A #84 |
| 357 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 22 | |
| 358 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 13 | |
| 359 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 | 0.000 | 477. | 10 | |
| 360 | 3.00 | 0.00 | 0.00 | 0.72 | 0.88 | 1.50 | 0.000 | 571. | 12 | |
| 361 | 3.00 | 0.00 | 0.00 | 0.70 | 0.85 | 0.00 | 0.000 | 575. | 26 | |
| 362 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 546. | 21 | |
| 363 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 23 | |
| 364 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.83 | 0.000 | 578. | 11 | |
| 365 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 574. | 30 | |
| 366 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 22 | |
| 367 | 3.00 | 0.85 | 1.95 | 0.00 | 0.00 | 0.00 | 0.000 | 535. | 11 | |
| 368 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 19 | 734-1-A #91 |

LH 735, 830, 803

Protocol #:26 Name:Decommissioning2 22-Jun-2004 10:57
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 ime = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|---------|
| 1 | 10.00 | 7.81 | | 9.97 | | 8.50 | 55.346 | 579. | 14 | B |
| 2 | 3.00 | 16483.1 | 366.84 | 115125. | 133945. | 614.80 | 164.83 | 1016 | 0 | E |
| 3 | 3.00 | 105113. | 170299. | 8604.58 | 0.00 | 0.17 | 20.335 | 1014 | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 1005 | 25 | E |
| (4 missing vials) | | | | | | | | | | |
| 9 | 3.00 | 0.00 | 0.00 | 0.06 | 0.07 | 0.00 | 0.000 | 588. | 12 | 735 #1 |
| 10 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 564. | 9 | |
| 11 | 3.00 | 1.67 | 2.72 | 3.38 | 3.89 | 0.00 | 66.402 | 554. | 9 | |
| 12 | 3.00 | 0.00 | 0.00 | 0.36 | 0.44 | 0.00 | 0.000 | 531. | 12 | |
| 13 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 30 | |
| 14 | 3.00 | 3.22 | 7.20 | 0.00 | 0.00 | 0.00 | 0.000 | 564. | 3 | |
| 15 | 3.00 | 0.00 | 0.00 | 1.33 | 1.61 | 0.50 | 0.000 | 546. | 15 | |
| 16 | 3.00 | 0.08 | 0.00 | 1.69 | 2.04 | 0.00 | 0.000 | 542. | 7 | |
| 17 | 3.00 | 0.00 | 0.00 | 1.42 | 1.73 | 0.00 | 157.23 | 480. | 11 | |
| 18 | 3.00 | 0.00 | 0.00 | 2.15 | 2.61 | 0.00 | 240.74 | 558. | 13 | |
| 19 | 3.00 | 0.00 | 0.00 | 2.47 | 2.99 | 0.00 | 96.731 | 576. | 16 | |
| 20 | 3.00 | 1.50 | 3.32 | 0.00 | 0.00 | 0.00 | 0.000 | 572. | 21 | |
| 21 | 3.00 | 0.61 | 0.53 | 2.69 | 3.19 | 2.50 | 56.518 | 542. | 13 | |
| 22 | 3.00 | 0.12 | 0.00 | 4.87 | 5.88 | 0.00 | 79.342 | 567. | 11 | |
| 23 | 3.00 | 3.14 | 6.82 | 0.00 | 0.00 | 0.00 | 43.706 | 595. | 20 | |
| 24 | 3.00 | 3.64 | 7.91 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 10 | |
| 25 | 3.00 | 1.98 | 4.33 | 0.00 | 0.00 | 1.83 | 0.000 | 587. | 10 | |
| 26 | 3.00 | 0.00 | 0.00 | 0.73 | 0.88 | 0.00 | 847.52 | 588. | 30 | |
| 27 | 3.00 | 0.00 | 0.00 | 1.41 | 1.70 | 0.00 | 867.99 | 586. | 31 | |
| 28 | 3.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 991.41 | 597. | 18 | |
| 29 | 3.00 | 0.36 | 0.78 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 16 | |
| 30 | 3.00 | 0.00 | 0.00 | 2.09 | 2.53 | 0.00 | 49.490 | 583. | 20 | |
| 31 | 3.00 | 0.88 | 1.94 | 0.00 | 0.00 | 0.50 | 0.000 | 580. | 15 | |
| 32 | 3.00 | 1.55 | 1.61 | 5.73 | 6.74 | 0.00 | 55.733 | 592. | 24 | |
| 33 | 3.00 | 0.00 | 0.00 | 2.49 | 3.01 | 2.50 | 44.370 | 573. | 31 | |
| 34 | 3.00 | 0.00 | 0.00 | 4.66 | 5.64 | 0.17 | 152.20 | 596. | 25 | |
| 35 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 42 | |
| 36 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 557. | 34 | |
| 37 | 3.00 | 2.79 | 6.19 | 0.00 | 0.00 | 0.83 | 0.000 | 569. | 14 | |
| 38 | 3.00 | 0.00 | 0.00 | 0.66 | 0.80 | 1.26 | 0.000 | 585. | 22 | |
| 39 | 3.00 | 0.00 | 0.00 | 0.69 | 0.84 | 0.17 | 13.355 | 600. | 27 | |
| 40 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 | 0.000 | 589. | 26 | |
| 41 | 3.00 | 0.59 | 0.87 | 1.27 | 1.47 | 0.00 | 68.995 | 606. | 19 | |
| 42 | 3.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.000 | 606. | 24 | |
| 43 | 3.00 | 0.67 | 1.03 | 1.41 | 1.63 | 0.00 | 54.889 | 586. | 24 | |
| 44 | 3.00 | 0.00 | 0.00 | 0.84 | 1.02 | 0.50 | 0.000 | 619. | 28 | |
| 45 | 3.00 | 0.25 | 0.54 | 0.00 | 0.00 | 0.50 | 235.36 | 575. | 17 | |
| 46 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.000 | 614. | 30 | |
| 47 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 28 | |
| 48 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 18 | |
| 49 | 3.00 | 4.26 | 9.13 | 0.00 | 0.00 | 0.00 | 19.048 | 608. | 29 | 735 #41 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-------------------|------|------|------|------|------|------|--------|------|-----|---------------|
| 50 | 3.00 | 0.00 | 0.00 | 0.69 | 0.84 | 0.83 | 0.000 | 597. | 38 | 735# 42 |
| 51 | 3.00 | 2.75 | 6.03 | 0.00 | 0.00 | 0.00 | 46.627 | 581. | 23 | |
| 52 | 3.00 | 0.00 | 0.00 | 0.76 | 0.91 | 0.17 | 52899. | 584. | 31 | |
| 53 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 | 0.000 | 566. | 48 | |
| 54 | 3.00 | 0.26 | 0.58 | 0.01 | 0.00 | 0.17 | 0.000 | 569. | 31 | |
| 55 | 3.00 | 0.75 | 1.02 | 1.94 | 2.26 | 0.00 | 39.083 | 606. | 25 | |
| 56 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 28 | |
| 57 | 3.00 | 0.64 | 1.45 | 0.00 | 0.00 | 0.83 | 0.000 | 546. | 29 | |
| 58 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 37 | |
| 59 | 3.00 | 0.00 | 0.00 | 0.94 | 1.14 | 0.00 | 0.000 | 605. | 25 | |
| 60 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 551. | 44 | |
| 61 | 3.00 | 1.77 | 3.39 | 1.64 | 1.78 | 0.00 | 0.000 | 579. | 23 | |
| 62 | 3.00 | 1.85 | 3.88 | 0.95 | 0.92 | 0.00 | 28.360 | 554. | 21 | |
| 63 | 3.00 | 0.48 | 1.06 | 0.00 | 0.00 | 4.50 | 0.000 | 578. | 34 | |
| 64 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 33 | 735# 50 |
| (2 missing vials) | | | | | | | | | | |
| 67 | 3.00 | 4.00 | 8.59 | 0.00 | 0.00 | 0.00 | 24.800 | 604. | 11 | -850 #1 |
| 68 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 13 | |
| 69 | 3.00 | 1.01 | 2.16 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 8 | |
| 70 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 11 | |
| 71 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 | 0.000 | 605. | 16 | |
| 72 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 25 | |
| 73 | 3.00 | 3.94 | 8.40 | 0.00 | 0.00 | 0.00 | 48.174 | 613. | 11 | |
| 74 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 614. | 22 | |
| 75 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 29 | |
| 76 | 3.00 | 0.00 | 0.00 | 0.36 | 0.43 | 0.00 | 0.000 | 612. | 25 | |
| 77 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 39 | |
| 78 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 35 | |
| 79 | 3.00 | 0.21 | 0.10 | 1.20 | 1.42 | 0.00 | 98.628 | 616. | 24 | |
| 80 | 3.00 | 0.00 | 0.00 | 1.69 | 2.05 | 0.00 | 160.50 | 605. | 26 | |
| 81 | 3.00 | 2.88 | 6.19 | 0.00 | 0.00 | 0.00 | 45.131 | 605. | 21 | |
| 82 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 29 | |
| 83 | 3.00 | 0.00 | 0.00 | 0.18 | 0.22 | 0.00 | 1812.6 | 607. | 30 | |
| 84 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 611. | 33 | |
| 85 | 3.00 | 0.00 | 0.00 | 0.52 | 0.63 | 0.00 | 0.000 | 606. | 42 | |
| 86 | 3.00 | 0.00 | 0.00 | 0.36 | 0.44 | 0.00 | 0.000 | 609. | 36 | |
| 87 | 3.00 | 0.00 | 0.00 | 3.69 | 4.46 | 0.17 | 95.555 | 616. | 38 | |
| 88 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.17 | 0.000 | 616. | 40 | |
| 89 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.000 | 625. | 50 | |
| 90 | 3.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.000 | 617. | 33 | |
| 91 | 3.00 | 0.00 | 0.00 | 3.76 | 4.55 | 0.00 | 231.86 | 612. | 25 | |
| 92 | 3.00 | 0.00 | 0.00 | 0.56 | 0.68 | 0.00 | 0.000 | 603. | 22 | |
| 93 | 3.00 | 0.00 | 0.00 | 0.26 | 0.31 | 0.00 | 0.000 | 608. | 35 | |
| 94 | 3.00 | 0.00 | 0.00 | 0.69 | 0.84 | 0.00 | 0.000 | 597. | 46 | -850#28 |
| 95 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 565. | 23 | -850 Sink Pip |
| (1 missing vial) | | | | | | | | | | |
| 97 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 84.458 | 596. | 17 | 803#1 |
| 98 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 17 | |
| 99 | 3.00 | 0.00 | 0.00 | 2.29 | 2.77 | 0.00 | 700.54 | 604. | 9 | |
| 100 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.50 | 0.000 | 604. | 30 | |
| 101 | 3.00 | 0.00 | 0.00 | 0.54 | 0.65 | 0.17 | 0.000 | 605. | 18 | |
| 102 | 3.00 | 1.11 | 2.40 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 6 | |
| 103 | 3.00 | 2.32 | 5.02 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 15 | |
| 104 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 28 | |
| 105 | 3.00 | 0.00 | 0.00 | 4.60 | 5.55 | 0.00 | 89.887 | 601. | 21 | |
| 106 | 3.00 | 0.00 | 0.00 | 1.67 | 2.02 | 2.83 | 36.123 | 595. | 19 | 803#10 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|--------|--------|--------|--------|------|--------|------|-----|----------|
| 107 | 3.00 | 0.59 | 1.27 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 19 | 803 #11 |
| 108 | 3.00 | 1.16 | 2.51 | 0.00 | 0.00 | 0.83 | 0.000 | 593. | 22 | |
| 109 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.000 | 606. | 28 | |
| 110 | 3.00 | 0.00 | 0.00 | 1.03 | 1.24 | 0.00 | 357.58 | 594. | 27 | |
| 111 | 3.00 | 128.32 | 170.94 | 346.67 | 404.06 | 1.17 | 63.890 | 605. | 1 | ← #15 |
| 112 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 619. | 24 | See |
| 113 | 3.00 | 3.33 | 7.05 | 0.36 | 0.05 | 0.00 | 44.684 | 604. | 11 | Next |
| 114 | 3.00 | 2.93 | 4.59 | 5.62 | 6.46 | 0.00 | 65.004 | 604. | 14 | Page |
| 115 | 3.00 | 1.72 | 3.68 | 0.00 | 0.00 | 0.00 | 532.33 | 607. | 9 | (#177) |
| 116 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 20. | |
| 117 | 3.00 | 0.00 | 0.00 | 1.30 | 1.57 | 0.83 | 161.06 | 603. | 21 | |
| 118 | 3.00 | 0.00 | 0.00 | 0.36 | 0.43 | 0.00 | 100.09 | 605. | 22 | |
| 119 | 3.00 | 0.00 | 0.00 | 0.58 | 0.70 | 0.00 | 0.000 | 610. | 31 | |
| 120 | 3.00 | 0.00 | 0.00 | 1.36 | 1.64 | 1.17 | 133.90 | 607. | 35 | |
| 121 | 3.00 | 0.00 | 0.00 | 0.68 | 0.82 | 0.00 | 0.000 | 618. | 46 | |
| 122 | 3.00 | 0.05 | 0.00 | 0.69 | 0.83 | 0.00 | 145.44 | 601. | 25 | |
| 123 | 3.00 | 0.92 | 2.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 20 | |
| 124 | 3.00 | 0.00 | 0.00 | 1.03 | 1.24 | 0.00 | 292.80 | 609. | 22 | |
| 125 | 3.00 | 0.00 | 0.00 | 2.93 | 3.54 | 0.50 | 193.34 | 601. | 24 | |
| 126 | 3.00 | 0.00 | 0.00 | 2.24 | 2.70 | 0.00 | 181.08 | 603. | 31 | |
| 127 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 26 | |
| 128 | 3.00 | 0.46 | 0.61 | 1.23 | 1.44 | 0.00 | 160.65 | 603. | 26 | |
| 129 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 43 | |
| 130 | 3.00 | 1.76 | 3.29 | 1.63 | 1.77 | 0.17 | 39.251 | 603. | 34 | |
| 131 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.000 | 593. | 26 | |
| 132 | 3.00 | 0.00 | 0.00 | 1.00 | 1.20 | 1.17 | 0.000 | 619. | 42 | |
| 133 | 3.00 | 0.05 | 0.11 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 29 | |
| 134 | 3.00 | 3.51 | 6.93 | 1.90 | 1.89 | 0.00 | 96.684 | 612. | 21 | |
| 135 | 3.00 | 2.61 | 5.56 | 0.00 | 0.00 | 3.17 | 49.590 | 614. | 15 | |
| 136 | 3.00 | 0.00 | 0.00 | 2.84 | 3.44 | 2.17 | 203.15 | 607. | 13. | |
| 137 | 3.00 | 1.27 | 2.24 | 1.69 | 1.90 | 1.17 | 102.97 | 599. | 14 | |
| 138 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.17 | 0.000 | 611. | 60 | |
| 139 | 3.00 | 0.39 | 0.22 | 2.03 | 2.40 | 0.00 | 69.117 | 604. | 34 | |
| 140 | 3.00 | 0.00 | 0.00 | 0.33 | 0.40 | 0.00 | 0.000 | 607. | 37 | |
| 141 | 3.00 | 0.00 | 0.00 | 0.17 | 0.21 | 0.00 | 0.000 | 603. | 32 | |
| 142 | 3.00 | 0.00 | 0.00 | 2.36 | 2.85 | 0.00 | 225.04 | 603. | 31 | |
| 143 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.50 | 0.000 | 594. | 32 | |
| 144 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.000 | 602. | 27 | |
| 145 | 3.00 | 1.64 | 3.34 | 0.60 | 0.54 | 0.50 | 1.636 | 606. | 17 | |
| 146 | 3.00 | 1.14 | 2.46 | 0.00 | 0.00 | 2.50 | 0.000 | 598. | 24. | |
| 147 | 3.00 | 0.97 | 1.68 | 1.36 | 1.53 | 0.00 | 9.718 | 601. | 27 | |
| 148 | 3.00 | 0.00 | 0.00 | 0.24 | 0.28 | 0.00 | 0.000 | 603. | 41 | |
| 149 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 43 | |
| 150 | 3.00 | 2.39 | 5.19 | 0.00 | 0.00 | 2.50 | 0.000 | 595. | 27 | |
| 151 | 3.00 | 0.00 | 0.00 | 0.23 | 0.28 | 0.00 | 145.92 | 612. | 26 | |
| 152 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.17 | 0.000 | 611. | 49 | |
| 153 | 3.00 | 0.00 | 0.00 | 2.28 | 2.76 | 0.00 | 175.77 | 597. | 31 | |
| 154 | 3.00 | 0.27 | 0.58 | 0.00 | 0.00 | 0.17 | 0.000 | 609. | 27 | |
| 155 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.17 | 0.000 | 624. | 27 | |
| 156 | 3.00 | 0.00 | 0.00 | 2.29 | 2.77 | 0.50 | 0.000 | 604. | 37. | |
| 157 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.83 | 0.000 | 603. | 65 | |
| 158 | 3.00 | 3.08 | 6.64 | 0.00 | 0.00 | 1.17 | 0.000 | 602. | 35 | |
| 159 | 3.00 | 0.00 | 0.00 | 0.36 | 0.43 | 2.50 | 228.71 | 622. | 30 | |
| 160 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 615. | 25 | |
| 161 | 3.00 | 1.47 | 3.12 | 0.00 | 0.00 | 0.00 | 60.210 | 617. | 21 | |
| 162 | 3.00 | 0.00 | 0.00 | 0.64 | 0.77 | 0.00 | 0.000 | 602. | 13 | 803 # 66 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-------------------|------|------|------|------|------|------|--------|------|-----|--------------------|
| 163 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.17 | 0.000 | 605. | 23 | 803#67 |
| 164 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 22 | |
| 165 | 3.00 | 0.00 | 0.00 | 2.36 | 2.85 | 0.17 | 292.71 | 606. | 18 | |
| 166 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 31 | |
| 167 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 34 | |
| 168 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 43 | |
| 169 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 35 | |
| 170 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.17 | 0.000 | 619. | 53 | |
| 171 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.000 | 618. | 53 | |
| 172 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.000 | 610. | 33 | |
| 173 | 3.00 | 0.00 | 0.00 | 3.35 | 4.05 | 0.00 | 111.26 | 595. | 36 | |
| 174 | 3.00 | 0.00 | 0.00 | 2.69 | 3.25 | 0.17 | 67.650 | 596. | 33 | |
| 175 | 3.00 | 0.00 | 0.00 | 0.69 | 0.84 | 0.00 | 0.000 | 584. | 37 | |
| 176 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.83 | 0.000 | 588. | 22 | 803#80 |
| 177 | 3.00 | 0.00 | 0.00 | 2.77 | 3.35 | 0.00 | 165.24 | 611. | 37 | 803#15 after Decon |
| (3 missing vials) | | | | | | | | | | |
| 181 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.83 | 0.000 | 488. | 13 | |
| 182 | 3.00 | 1.41 | 3.16 | 0.00 | 0.00 | 0.00 | 0.000 | 563. | 8 | |
| 183 | 3.00 | 3.39 | 7.75 | 0.00 | 0.00 | 1.50 | 0.000 | 543. | 10 | |
| 184 | 3.00 | 0.59 | 1.37 | 0.00 | 0.00 | 0.00 | 0.000 | 531. | 13 | |
| 185 | 3.00 | 0.61 | 1.35 | 0.00 | 0.00 | 0.50 | 0.000 | 569. | 15 | |
| 186 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 572. | 9 | |
| 187 | 3.00 | 0.00 | 0.00 | 0.75 | 0.91 | 0.17 | 0.000 | 485. | 16 | |

#181

182

183

184

185

186

187

W1 - 300 MSB

W2

W3 - 302, 303 MSB

W4 - 304, 305 MSB

E1

312 MSB Exhaust

MSB Vacuum Pump Exhaust

Lakeside Hosp.
257, 258, 260

Protocol #:26 Name:Decommissioning2 23-Jun-2004 08:38
Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
VA Lakeside Campus Packard LSC A2100 SNo 414354
Conventional DPM
Nuclide 1 = 273850 Nuclide 2 = 127200
Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|----------|
| 1 | 10.00 | 7.22 | | 10.40 | | 7.70 | 65.050 | 577. | 17 | B |
| 2 | 3.00 | 16775.1 | 931.05 | 114757. | 133608. | 549.14 | 161.11 | 1000 | 0 | E |
| 3 | 3.00 | 105594. | 172733. | 8283.84 | 0.00 | 1.30 | 19.881 | 998. | 0 | E |
| 4 | 3.00 | 0.87 | 1.45 | 0.00 | 0.00 | 0.63 | 0.000 | 989. | 12 | E |
| (2 missing vials) | | | | | | | | | | |
| 7 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | 0.000 | 573. | 11 | 257 #1 |
| 8 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.000 | 581. | 10 | |
| 9 | 3.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.000 | 508. | 4 | |
| 10 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 554. | 12 | |
| 11 | 3.00 | 1.73 | 3.45 | 1.52 | 1.62 | 0.30 | 65.434 | 549. | 8 | |
| 12 | 3.00 | 2.24 | 4.97 | 0.00 | 0.00 | 1.30 | 0.000 | 570. | 4 | |
| 13 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 13 | |
| 14 | 3.00 | 0.00 | 0.00 | 0.71 | 0.86 | 0.00 | 0.000 | 577. | 6 | |
| 15 | 3.00 | 0.51 | 1.11 | 0.00 | 0.00 | 0.00 | 183.53 | 586. | 14 | |
| 16 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.000 | 586. | 19 | |
| 17 | 3.00 | 0.95 | 2.10 | 0.00 | 0.00 | 0.97 | 63.447 | 572. | 11 | |
| 18 | 3.00 | 0.50 | 0.26 | 2.77 | 3.29 | 0.00 | 208.98 | 581. | 6 | |
| 19 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 24 | |
| 20 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 549. | 23 | |
| 21 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 566. | 18 | |
| 22 | 3.00 | 2.86 | 6.20 | 0.41 | 0.15 | 0.00 | 0.000 | 575. | 6 | |
| 23 | 3.00 | 0.23 | 0.00 | 5.01 | 6.03 | 1.30 | 158.02 | 588. | 7 | |
| 24 | 3.00 | 0.61 | 1.34 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 11 | |
| 25 | 3.00 | 1.14 | 1.91 | 1.94 | 2.21 | 0.00 | 0.000 | 581. | 16 | |
| 26 | 3.00 | 2.36 | 5.24 | 0.00 | 0.00 | 0.00 | 0.000 | 571. | 5 | |
| 27 | 3.00 | 0.00 | 0.00 | 0.70 | 0.85 | 0.00 | 0.000 | 578. | 27 | |
| 28 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.000 | 582. | 16 | |
| 29 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 569. | 12 | |
| 30 | 3.00 | 1.58 | 3.32 | 0.60 | 0.54 | 2.63 | 0.000 | 573. | 11 | |
| 31 | 3.00 | 0.00 | 0.00 | 0.70 | 0.85 | 2.97 | 359.30 | 578. | 11 | |
| 32 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 17 | |
| 33 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 562. | 14 | |
| 34 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 560. | 5 | |
| 35 | 3.00 | 0.00 | 0.00 | 3.01 | 3.64 | 0.00 | 168.86 | 582. | 13 | |
| 36 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 12.5 | 46 | E 257 30 |
| (1 missing vial) | | | | | | | | | | |
| 38 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 21 | 30A 30A |
| 39 | 3.00 | 0.00 | 0.00 | 1.82 | 2.20 | 2.30 | 152.07 | 560. | 12 | 30B |
| 40 | 3.00 | 1.72 | 3.74 | 0.19 | 0.03 | 0.00 | 9.352 | 574. | 8 | 30C |
| 41 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.000 | 566. | 15 | 30D |
| 42 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 554. | 13 | 30E |
| (1 missing vial) | | | | | | | | | | |
| 44 | 3.00 | 0.00 | 0.00 | 1.94 | 2.34 | 2.97 | 0.000 | 566. | 8 | 31 |
| 45 | 3.00 | 0.00 | 0.00 | 2.46 | 2.97 | 0.63 | 0.000 | 579. | 10 | |
| 46 | 3.00 | 0.72 | 1.32 | 1.14 | 1.30 | 0.00 | 0.000 | 510. | 12 | 33 |
| (2 missing vials) | | | | | | | | | | |
| 49 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.000 | 553. | 12 | 33A |

1056

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-----|---------|
| 50 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 467. | 20 | 257#33B |
| (2 missing vials) | | | | | | | | | | |
| 53 | 3.00 | 2.28 | 5.01 | 0.00 | 0.00 | 0.30 | 0.000 | 583. | 13 | -257#34 |
| 54 | 3.00 | 1.53 | 3.24 | 0.27 | 0.15 | 0.00 | 0.000 | 592. | 14 | |
| 55 | 3.00 | 0.00 | 0.00 | 0.29 | 0.36 | 1.63 | 0.000 | 590. | 19 | |
| 56 | 3.00 | 2.53 | 5.46 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 16 | |
| 57 | 3.00 | 0.00 | 0.00 | 0.39 | 0.48 | 0.30 | 0.000 | 575. | 8 | |
| 58 | 3.00 | 0.00 | 0.00 | 0.94 | 1.13 | 1.63 | 0.000 | 598. | 11 | |
| 59 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.30 | 0.000 | 587. | 9 | |
| 60 | 3.00 | 0.00 | 0.00 | 1.60 | 1.94 | 0.00 | 0.000 | 564. | 11 | |
| 61 | 3.00 | 2.86 | 6.29 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 5 | |
| 62 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 0.000 | 585. | 12 | |
| 63 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 7 | |
| 64 | 3.00 | 1.02 | 2.21 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 6 | |
| 65 | 3.00 | 1.36 | 2.99 | 0.00 | 0.00 | 1.30 | 0.000 | 583. | 6 | |
| 66 | 3.00 | 0.00 | 0.00 | 1.41 | 1.71 | 0.00 | 0.000 | 589. | 18 | |
| 67 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 7 | |
| 68 | 3.00 | 0.28 | 0.22 | 1.27 | 1.50 | 0.00 | 0.000 | 597. | 10 | |
| 69 | 3.00 | 1.38 | 3.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 2 | |
| 70 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 18 | |
| 71 | 3.00 | 0.00 | 0.00 | 0.27 | 0.33 | 0.97 | 187.28 | 587. | 12 | |
| 72 | 3.00 | 0.00 | 0.00 | 0.31 | 0.37 | 0.00 | 0.000 | 588. | 10 | |
| 73 | 3.00 | 0.00 | 0.00 | 0.60 | 0.73 | 0.00 | 0.000 | 577. | 6 | |
| 74 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.000 | 586. | 14 | |
| 75 | 3.00 | 3.98 | 8.65 | 0.00 | 0.00 | 0.63 | 0.000 | 592. | 7 | |
| 76 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.000 | 582. | 19 | |
| 77 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.000 | 581. | 16 | |
| 78 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.000 | 605. | 21 | |
| 79 | 3.00 | 3.98 | 7.95 | 2.29 | 2.31 | 3.30 | 61.878 | 592. | 6 | |
| 80 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 0.000 | 586. | 23 | |
| 81 | 3.00 | 1.33 | 2.89 | 0.00 | 0.00 | 0.30 | 373.44 | 595. | 7 | |
| 82 | 3.00 | 2.18 | 4.75 | 0.04 | 0.00 | 0.00 | 15.985 | 586. | 10 | |
| 83 | 3.00 | 3.06 | 6.76 | 0.00 | 0.00 | 2.63 | 0.000 | 578. | 16 | |
| 84 | 3.00 | 0.00 | 0.00 | 1.66 | 2.00 | 1.30 | 0.000 | 585. | 27 | |
| 85 | 3.00 | 0.17 | 0.37 | 0.00 | 0.00 | 0.97 | 0.000 | 576. | 12 | |
| 86 | 3.00 | 0.24 | 0.51 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 12 | |
| 87 | 3.00 | 0.61 | 0.83 | 1.72 | 2.00 | 0.00 | 50.562 | 559. | 4 | |
| 88 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 15 | |
| 89 | 3.00 | 2.64 | 5.68 | 0.27 | 0.02 | 0.00 | 13.096 | 589. | 8 | |
| 90 | 3.00 | 4.25 | 9.36 | 0.00 | 0.00 | 0.63 | 0.000 | 578. | 11 | |
| 91 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 15 | |
| 92 | 3.00 | 2.33 | 5.26 | 0.00 | 0.00 | 0.97 | 0.000 | 554. | 12 | |
| 93 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 31 | |
| 94 | 3.00 | 5.41 | 11.77 | 0.09 | 0.00 | 0.00 | 16.703 | 588. | 11 | |
| 95 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.000 | 589. | 26 | |
| 96 | 3.00 | 1.28 | 2.81 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 10 | |
| 97 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 19 | |
| 98 | 3.00 | 2.82 | 6.06 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 5 | |
| 99 | 3.00 | 3.86 | 7.49 | 2.91 | 3.06 | 0.00 | 4.309 | 595. | 13 | |
| 100 | 3.00 | 0.00 | 0.00 | 0.63 | 0.76 | 0.30 | 0.000 | 589. | 25 | |
| 101 | 3.00 | 0.00 | 0.00 | 0.94 | 1.13 | 1.63 | 0.000 | 592. | 15 | |
| 102 | 3.00 | 1.29 | 2.81 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 9 | |
| 103 | 3.00 | 0.00 | 0.00 | 0.97 | 1.17 | 0.30 | 0.000 | 588. | 28 | |
| 104 | 3.00 | 1.53 | 3.16 | 0.60 | 0.55 | 0.00 | 0.000 | 586. | 14 | |
| 105 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.30 | 0.000 | 564. | 39 | |
| 106 | 3.00 | 1.20 | 2.64 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 9 | |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-----|-----------|
| 107 | 3.00 | 0.00 | 0.00 | 0.88 | 1.06 | 0.00 | 62.463 | 551. | 9 | |
| 108 | 3.00 | 0.94 | 1.87 | 0.88 | 0.95 | 0.00 | 0.000 | 545. | 12 | |
| 09 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.000 | 556. | 21 | |
| 110 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.97 | 0.000 | 577. | 33 | |
| 111 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 25 | |
| 112 | 3.00 | 0.00 | 0.00 | 1.55 | 1.88 | 0.97 | 240.03 | 572. | 11 | |
| 113 | 3.00 | 5.87 | 12.94 | 0.00 | 0.00 | 2.30 | 0.000 | 577. | 8 | |
| 114 | 3.00 | 0.69 | 1.24 | 0.89 | 1.00 | 0.00 | 0.000 | 579. | 9 | |
| 115 | 3.00 | 0.84 | 1.86 | 0.00 | 0.00 | 3.30 | 0.000 | 566. | 18 | |
| 116 | 3.00 | 0.00 | 0.00 | 0.30 | 0.36 | 0.00 | 0.000 | 590. | 16 | |
| 117 | 3.00 | 0.00 | 0.00 | 3.49 | 4.23 | 0.30 | 0.000 | 582. | 21 | |
| 118 | 3.00 | 1.58 | 3.53 | 0.00 | 0.00 | 0.42 | 0.000 | 568. | 12 | |
| 119 | 3.00 | 0.00 | 0.00 | 0.24 | 0.29 | 0.30 | 0.000 | 598. | 11 | |
| 120 | 3.00 | 0.00 | 0.00 | 0.49 | 0.60 | 1.97 | 0.000 | 559. | 23 | |
| 121 | 3.00 | 0.00 | 0.00 | 0.05 | 0.07 | 2.97 | 0.000 | 575. | 20 | |
| 122 | 3.00 | 0.76 | 1.68 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 4 | |
| 123 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 18 | |
| 124 | 3.00 | 1.28 | 2.89 | 0.00 | 0.00 | 0.00 | 0.000 | 550. | 17 | |
| 125 | 3.00 | 1.72 | 3.71 | 0.00 | 0.00 | 0.63 | 0.000 | 602. | 26 | |
| 126 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.000 | 591. | 12 | 257 #107 |
| (2 missing vials) | | | | | | | | | | |
| 129 | 3.00 | 0.00 | 0.00 | 0.67 | 0.80 | 1.30 | 0.000 | 584. | 13 | 257A #1 |
| 130 | 3.00 | 4.25 | 9.40 | 0.00 | 0.00 | 1.30 | 0.000 | 574. | 12 | |
| 131 | 3.00 | 0.00 | 0.00 | 0.60 | 0.73 | 0.00 | 0.000 | 593. | 11 | |
| 132 | 3.00 | 1.84 | 4.02 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 17 | |
| 133 | 3.00 | 0.00 | 0.00 | 0.60 | 0.73 | 0.00 | 0.000 | 592. | 11 | |
| 134 | 3.00 | 0.76 | 1.65 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 0 | |
| 135 | 3.00 | 3.39 | 7.26 | 0.24 | 0.00 | 0.00 | 0.000 | 598. | 5 | |
| 136 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 9 | |
| 137 | 3.00 | 0.00 | 0.00 | 1.24 | 1.50 | 0.00 | 0.000 | 598. | 16 | |
| 138 | 3.00 | 2.49 | 5.32 | 0.40 | 0.19 | 0.00 | 0.000 | 584. | 10 | |
| 139 | 3.00 | 0.00 | 0.00 | 2.00 | 2.42 | 1.97 | 80.318 | 584. | 17 | |
| 140 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 30 | |
| 141 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.000 | 600. | 11 | 257A #15 |
| 142 | 3.00 | 1.47 | 3.22 | 0.00 | 0.00 | 0.63 | 0.000 | 589. | 19 | 257A #107 |
| 143 | 3.00 | 0.00 | 0.00 | 1.47 | 1.78 | 0.63 | 0.000 | 573. | 16 | 257A #1 |
| (1 missing vial) | | | | | | | | | | |
| 145 | 3.00 | 2.75 | 6.34 | 0.00 | 0.00 | 1.97 | 0.000 | 534. | 2 | 257A #1 |
| 146 | 3.00 | 1.46 | 3.25 | 0.00 | 0.00 | 3.63 | 57.930 | 568. | 10 | 258 #1 |
| 147 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.000 | 566. | 20 | |
| 148 | 3.00 | 0.00 | 0.00 | 2.87 | 3.48 | 2.63 | 0.000 | 545. | 12 | |
| 149 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 0.000 | 562. | 10 | |
| 150 | 3.00 | 0.00 | 0.00 | 1.05 | 1.28 | 1.97 | 0.000 | 575. | 15 | |
| 151 | 3.00 | 2.31 | 5.00 | 0.27 | 0.05 | 2.30 | 0.000 | 579. | 8 | |
| 152 | 3.00 | 1.20 | 2.67 | 0.00 | 0.00 | 0.00 | 18.069 | 565. | 16 | |
| 153 | 3.00 | 0.00 | 0.00 | 1.37 | 1.65 | 0.00 | 0.000 | 579. | 12 | |
| 154 | 3.00 | 0.00 | 0.00 | 0.10 | 0.13 | 3.30 | 0.000 | 568. | 14 | |
| 155 | 3.00 | 0.47 | 1.04 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 12 | |
| 156 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 11 | |
| 157 | 3.00 | 1.37 | 3.08 | 0.00 | 0.00 | 1.30 | 0.000 | 561. | 12 | |
| 158 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 614. | 20 | |
| 159 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 615. | 12 | |
| 160 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 9 | |
| 161 | 3.00 | 2.78 | 6.15 | 0.11 | 0.00 | 0.00 | 0.000 | 567. | 10 | |
| 162 | 3.00 | 0.50 | 1.13 | 0.00 | 0.00 | 0.00 | 0.000 | 564. | 7 | |
| 163 | 3.00 | 0.95 | 2.11 | 0.00 | 0.00 | 0.00 | 0.000 | 574. | 2 | |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|--------|------|-------|------|--------|------|-----|----------|
| 164 | 3.00 | 0.00 | 0.00 | 1.27 | 1.54 | 0.63 | 0.000 | 534. | 9 | |
| 165 | 3.00 | 0.00 | 0.00 | 1.94 | 2.34 | 1.97 | 198.48 | 581. | 12 | |
| 166 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.000 | 585. | 17 | |
| 167 | 3.00 | 1.54 | 3.42 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 7 | |
| 168 | 3.00 | 2.19 | 4.80 | 0.00 | 0.00 | 0.30 | 0.000 | 582. | 7 | |
| 169 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 545. | 7 | |
| 170 | 3.00 | 0.58 | 1.09 | 0.60 | 0.66 | 1.30 | 0.000 | 586. | 12 | |
| 171 | 3.00 | 0.03 | 0.06 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 8 | |
| 172 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 13 | |
| 173 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.000 | 587. | 12 | |
| 174 | 3.00 | 2.63 | 5.75 | 0.00 | 0.00 | 1.97 | 0.000 | 586. | 4 | |
| 175 | 3.00 | 1.77 | 3.05 | 2.80 | 3.18 | 1.63 | 32.384 | 578. | 8 | |
| 176 | 3.00 | 0.00 | 0.00 | 0.60 | 0.73 | 0.00 | 0.000 | 584. | 8 | |
| 177 | 3.00 | 2.61 | 5.69 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 10 | |
| 178 | 3.00 | 2.03 | 4.49 | 0.00 | 0.00 | 0.63 | 0.000 | 575. | 5 | |
| 179 | 3.00 | 0.15 | 0.02 | 1.01 | 1.21 | 0.00 | 0.000 | 582. | 13 | |
| 180 | 3.00 | 0.25 | 0.56 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 13 | |
| 181 | 3.00 | 4.06 | 8.92 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 16 | |
| 182 | 3.00 | 0.00 | 0.00 | 0.27 | 0.33 | 0.00 | 0.000 | 551. | 19 | |
| 183 | 3.00 | 0.00 | 0.00 | 0.36 | 0.44 | 0.87 | 0.000 | 595. | 18 | |
| 184 | 3.00 | 2.36 | 5.25 | 0.00 | 0.00 | 0.97 | 0.000 | 569. | 6 | |
| 185 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.000 | 570. | 12 | |
| 186 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.000 | 565. | 33 | |
| 187 | 3.00 | 2.66 | 5.75 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 11 | |
| 188 | 3.00 | 0.00 | 0.00 | 0.65 | 0.79 | 0.00 | 0.000 | 564. | 10 | |
| 189 | 3.00 | 0.00 | 0.00 | 1.27 | 1.54 | 0.00 | 0.000 | 590. | 13 | |
| 190 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.000 | 580. | 13 | |
| 191 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 0.000 | 594. | 14 | |
| 192 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.000 | 587. | 21 | |
| 193 | 3.00 | 2.58 | 5.22 | 1.23 | 1.19 | 0.00 | 81.589 | 593. | 11 | |
| 194 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 543. | 25 | |
| 195 | 3.00 | 0.00 | 310.52 | 7.91 | 50.41 | 0.00 | 0.000 | 9.57 | 7 | E |
| 196 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 14 | |
| 197 | 3.00 | 0.17 | 0.36 | 0.00 | 0.00 | 2.02 | 0.000 | 589. | 17 | |
| 198 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.000 | 571. | 14 | |
| 199 | 3.00 | 0.00 | 0.00 | 0.94 | 1.13 | 3.97 | 0.000 | 589. | 17 | |
| 200 | 3.00 | 0.73 | 1.35 | 0.82 | 0.91 | 1.97 | 0.000 | 577. | 10 | |
| 201 | 3.00 | 2.32 | 4.31 | 2.51 | 2.76 | 0.00 | 26.029 | 584. | 11 | |
| 202 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 552. | 22 | |
| 203 | 3.00 | 1.72 | 3.02 | 2.77 | 3.14 | 0.00 | 55.227 | 555. | 12 | |
| 204 | 3.00 | 0.67 | 1.48 | 0.00 | 0.00 | 1.30 | 0.000 | 579. | 15 | |
| 205 | 3.00 | 0.00 | 0.00 | 2.90 | 3.52 | 3.63 | 197.68 | 547. | 20 | |
| 206 | 3.00 | 1.25 | 2.78 | 0.00 | 0.00 | 1.63 | 0.000 | 569. | 12 | |
| 207 | 3.00 | 0.95 | 1.31 | 2.63 | 3.06 | 0.30 | 57.910 | 566. | 8 | |
| 208 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.97 | 0.000 | 587. | 11 | -258#64✓ |
| (8 missing vials) | | | | | | | | | | |
| 217 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.30 | 0.000 | 574. | 17 | -260#1 |
| 218 | 3.00 | 0.08 | 0.00 | 3.15 | 3.81 | 0.20 | 49.572 | 575. | 14 | |
| 219 | 3.00 | 1.20 | 2.12 | 1.74 | 1.96 | 0.00 | 12.359 | 573. | 7 | |
| 220 | 3.00 | 1.45 | 2.88 | 1.27 | 1.36 | 0.00 | 0.000 | 548. | 0 | |
| 221 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.000 | 560. | 19 | |
| 222 | 3.00 | 0.00 | 0.00 | 1.86 | 2.24 | 0.00 | 154.68 | 574. | 17 | 260#6 |
| (1 missing vial) | | | | | | | | | | |
| 224 | 3.00 | 0.00 | 0.00 | 0.79 | 0.96 | 0.00 | 0.000 | 564. | 8 | 260#10 |
| 225 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.000 | 588. | 13 | |
| 226 | 3.00 | 0.00 | 0.00 | 0.35 | 0.42 | 1.63 | 0.000 | 571. | 15 | 260#12 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-----|------|------|-------|------|------|------|--------|------|-----|--------|
| 227 | 3.00 | 0.00 | 0.00 | 0.27 | 0.33 | 2.97 | 0.000 | 544. | 10 | 260#13 |
| 228 | 3.00 | 0.00 | 0.00 | 0.10 | 0.12 | 2.30 | 0.000 | 555. | 11 | |
| 229 | 3.00 | 1.31 | 2.84 | 0.27 | 0.17 | 0.30 | 0.000 | 563. | 9 | |
| 230 | 3.00 | 0.15 | 0.21 | 0.40 | 0.47 | 0.00 | 0.000 | 558. | 11 | |
| 231 | 3.00 | 0.00 | 0.00 | 0.24 | 0.29 | 0.00 | 0.000 | 570. | 22 | |
| 232 | 3.00 | 0.00 | 0.00 | 0.47 | 0.57 | 0.00 | 0.000 | 562. | 6 | |
| 233 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 563. | 16 | |
| 234 | 3.00 | 2.72 | 6.02 | 0.00 | 0.00 | 2.97 | 10.746 | 573. | 18 | |
| 235 | 3.00 | 4.96 | 10.83 | 0.00 | 0.00 | 1.30 | 0.000 | 587. | 7 | |
| 236 | 3.00 | 0.58 | 0.71 | 1.94 | 2.27 | 0.00 | 9.975 | 561. | 11 | |
| 237 | 3.00 | 0.78 | 1.74 | 0.00 | 0.00 | 2.30 | 0.000 | 563. | 10 | |
| 238 | 3.00 | 0.69 | 0.96 | 1.86 | 2.17 | 0.00 | 0.000 | 574. | 10 | |
| 239 | 3.00 | 1.40 | 3.07 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 14 | |
| 240 | 3.00 | 0.49 | 1.11 | 0.00 | 0.00 | 2.97 | 0.000 | 548. | 21 | |
| 241 | 3.00 | 2.18 | 3.95 | 3.26 | 3.68 | 0.00 | 24.698 | 544. | 14 | |
| 242 | 3.00 | 0.12 | 0.27 | 0.00 | 0.00 | 1.30 | 0.000 | 589. | 15 | |
| 243 | 3.00 | 2.08 | 4.02 | 1.78 | 1.91 | 1.97 | 31.383 | 580. | 11 | |
| 244 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 17 | |
| 245 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 6 | |
| 246 | 3.00 | 3.39 | 7.32 | 0.27 | 0.00 | 1.63 | 35.539 | 588. | 3 | |
| 247 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.63 | 0.000 | 591. | 9 | |
| 248 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 10 | |
| 249 | 3.00 | 2.82 | 6.24 | 0.00 | 0.00 | 0.00 | 0.000 | 574. | 10 | |
| 250 | 3.00 | 0.00 | 0.00 | 0.94 | 1.13 | 2.97 | 37.482 | 579. | 15 | |
| 251 | 3.00 | 0.00 | 0.00 | 1.68 | 2.03 | 0.00 | 0.000 | 575. | 11 | |
| 252 | 3.00 | 3.61 | 7.55 | 1.27 | 1.11 | 0.97 | 0.000 | 581. | 9 | |
| 253 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 561. | 15 | |
| 254 | 3.00 | 1.00 | 1.90 | 0.94 | 1.02 | 0.97 | 0.000 | 589. | 7 | |
| 255 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 562. | 13 | |
| 256 | 3.00 | 2.04 | 4.43 | 0.00 | 0.00 | 0.63 | 0.000 | 591. | 4 | |
| 257 | 3.00 | 0.00 | 0.00 | 0.27 | 0.33 | 0.00 | 0.000 | 554. | 11 | |
| 258 | 3.00 | 1.50 | 3.28 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 13 | |
| 259 | 3.00 | 1.20 | 2.12 | 1.71 | 1.93 | 0.30 | 60.310 | 577. | 8 | |
| 260 | 3.00 | 2.95 | 6.34 | 0.94 | 0.78 | 0.00 | 0.000 | 557. | 9 | |
| 261 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.000 | 576. | 14 | |
| 262 | 3.00 | 1.77 | 3.93 | 0.00 | 0.00 | 0.97 | 0.000 | 571. | 12 | |
| 263 | 3.00 | 1.26 | 2.82 | 0.00 | 0.00 | 3.63 | 0.000 | 567. | 11 | |
| 264 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 10 | |
| 265 | 3.00 | 3.75 | 7.37 | 2.60 | 2.71 | 0.00 | 44.120 | 590. | 1 | |
| 266 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 10 | |
| 267 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 16 | |
| 268 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.000 | 578. | 15 | |
| 269 | 3.00 | 0.00 | 0.00 | 0.27 | 0.33 | 0.00 | 0.000 | 586. | 17 | |
| 270 | 3.00 | 0.00 | 0.00 | 0.06 | 0.08 | 0.00 | 0.000 | 574. | 6 | |
| 271 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.63 | 0.000 | 585. | 10 | |
| 272 | 3.00 | 1.46 | 2.87 | 1.14 | 1.21 | 0.97 | 23.159 | 578. | 7 | |
| 273 | 3.00 | 0.00 | 0.00 | 2.27 | 2.75 | 1.30 | 0.000 | 581. | 14 | |
| 274 | 3.00 | 0.41 | 0.00 | 3.14 | 3.75 | 0.63 | 57.551 | 583. | 9 | |
| 275 | 3.00 | 0.00 | 0.00 | 0.61 | 0.74 | 0.00 | 0.000 | 593. | 6 | |
| 276 | 3.00 | 1.15 | 2.51 | 0.00 | 0.00 | 0.00 | 52.067 | 586. | 15 | |
| 277 | 3.00 | 0.00 | 0.00 | 0.94 | 1.13 | 0.63 | 0.000 | 586. | 14 | |
| 278 | 3.00 | 2.42 | 5.28 | 0.13 | 0.00 | 0.00 | 0.000 | 578. | 10 | |
| 279 | 3.00 | 0.00 | 0.00 | 1.40 | 1.70 | 0.00 | 0.000 | 573. | 18 | |
| 280 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 565. | 20 | |
| 281 | 3.00 | 0.00 | 0.00 | 3.60 | 4.36 | 1.30 | 17.071 | 588. | 8 | |
| 282 | 3.00 | 0.00 | 0.00 | 2.06 | 2.50 | 0.97 | 6584.0 | 574. | 25 | |

5 of 6

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|------|------|------|------|-------|------|-----|--------|
| 283 | 3.00 | 3.60 | 7.77 | 0.39 | 0.05 | 0.00 | 0.000 | 584. | 3 | |
| 284 | 3.00 | 1.01 | 2.18 | 0.00 | 0.00 | 2.30 | 0.000 | 600. | 15 | |
| 85 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 17 | 260#71 |

ONT PIN JAM FWD

Lakeside Hosp. 813, 254, 254A, 255

Protocol #:26 Name:Decommissioning2 25-Jun-2004 09:00
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|---------|
| 1 | 10.00 | 7.75 | | 10.78 | | 8.30 | 56.443 | 573. | 16 | B |
| 2 | 3.00 | 16638.1 | 657.13 | 114959. | 133906. | 575.51 | 160.88 | 995. | 0 | E |
| 3 | 3.00 | 105220. | 172678. | 8274.36 | 0.00 | 0.00 | 19.804 | 992. | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.70 | 0.000 | 985. | 16 | E |
| (2 missing vials) | | | | | | | | | | |
| 7 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 4 | 813 #1 |
| 8 | 3.00 | 0.05 | 0.11 | 0.00 | 0.00 | 0.03 | 0.000 | 585. | 2 | |
| 9 | 3.00 | 3.44 | 7.45 | 0.00 | 0.00 | 0.37 | 0.000 | 598. | 11 | |
| 10 | 3.00 | 1.83 | 3.98 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 5 | |
| 11 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 9 | |
| 12 | 3.00 | 2.66 | 5.59 | 0.79 | 0.64 | 0.00 | 62.841 | 582. | 2 | |
| 13 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 10 | |
| 14 | 3.00 | 1.33 | 2.90 | 0.00 | 0.00 | 2.70 | 0.000 | 594. | 16 | |
| 15 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.000 | 598. | 8 | |
| 16 | 3.00 | 5.52 | 12.00 | 0.00 | 0.00 | 0.00 | 22.626 | 592. | 3 | |
| 17 | 3.00 | 1.04 | 2.09 | 0.60 | 0.60 | 1.03 | 111.37 | 587. | 10 | |
| 18 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.03 | 0.000 | 577. | 16 | |
| 19 | 3.00 | 0.00 | 0.00 | 0.64 | 0.77 | 0.70 | 1930.6 | 587. | 13 | |
| 20 | 3.00 | 0.52 | 0.64 | 1.57 | 1.84 | 0.00 | 160.86 | 593. | 3 | |
| 21 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.03 | 0.000 | 578. | 9 | |
| 22 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.37 | 0.000 | 591. | 16 | |
| 23 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.000 | 586. | 20 | |
| 24 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.03 | 0.000 | 586. | 6 | |
| 25 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.000 | 595. | 17 | |
| 26 | 3.00 | 0.00 | 0.00 | 0.23 | 0.28 | 1.37 | 20.875 | 592. | 11 | |
| 27 | 3.00 | 0.00 | 0.00 | 0.47 | 0.57 | 1.37 | 280.67 | 600. | 7 | |
| 28 | 3.00 | 1.98 | 4.31 | 0.00 | 0.00 | 0.03 | 0.000 | 590. | 16 | |
| 29 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 16 | |
| 30 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 0.000 | 587. | 19 | |
| 31 | 3.00 | 0.47 | 0.55 | 1.56 | 1.82 | 0.00 | 180.54 | 598. | 7 | |
| 32 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 15 | |
| 33 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.03 | 0.000 | 590. | 8 | |
| 34 | 3.00 | 1.87 | 4.07 | 0.00 | 0.00 | 0.03 | 0.000 | 590. | 2 | |
| 35 | 3.00 | 0.00 | 0.00 | 0.43 | 0.52 | 1.03 | 0.000 | 603. | 15 | |
| 36 | 3.00 | 0.00 | 0.00 | 2.18 | 2.64 | 0.00 | 73.290 | 600. | 13 | |
| 37 | 3.00 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 8 | |
| 38 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.03 | 0.000 | 589. | 16 | |
| 39 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 18 | |
| 40 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.000 | 585. | 14 | |
| 41 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 4 | |
| 42 | 3.00 | 0.39 | 0.67 | 0.59 | 0.66 | 0.70 | 0.000 | 589. | 10 | |
| 43 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.000 | 586. | 6 | |
| 44 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 11 | |
| 45 | 3.00 | 0.50 | 1.08 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 6 | |
| 46 | 3.00 | 0.24 | 0.52 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 4 | |
| 47 | 3.00 | 0.17 | 0.37 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 9 | 813 #41 |

1087

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|------|------|------|------|--------|------|-----|-----------|
| 48 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 15 | 813#42 |
| 49 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 7 | |
| 50 | 3.00 | 0.11 | 0.24 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 6 | |
| 51 | 3.00 | 0.00 | 0.00 | 1.58 | 1.91 | 0.00 | 0.000 | 592. | 15 | |
| 52 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 1077.9 | 591. | 14 | |
| 53 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 2 | |
| 54 | 3.00 | 0.00 | 0.00 | 0.22 | 0.27 | 0.00 | 0.000 | 590. | 4 | |
| 55 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.37 | 0.000 | 604. | 6 | |
| 56 | 3.00 | 0.00 | 0.00 | 1.48 | 1.79 | 0.00 | 313.90 | 599. | 4 | |
| 57 | 3.00 | 0.00 | 0.00 | 1.86 | 2.25 | 0.00 | 0.000 | 598. | 10 | |
| 58 | 3.00 | 1.86 | 4.01 | 0.00 | 0.00 | 2.37 | 0.000 | 603. | 4 | |
| 59 | 3.00 | 0.86 | 1.84 | 0.00 | 0.00 | 0.00 | 0.000 | 611. | 4 | |
| 60 | 3.00 | 0.00 | 0.00 | 0.25 | 0.30 | 0.00 | 0.000 | 593. | 6 | |
| 61 | 3.00 | 0.55 | 0.80 | 1.29 | 1.50 | 0.00 | 3.017 | 591. | 16 | |
| 62 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 14 | |
| 63 | 3.00 | 0.84 | 0.64 | 3.83 | 4.54 | 0.00 | 44.048 | 598. | 7 | |
| 64 | 3.00 | 0.00 | 0.00 | 0.56 | 0.68 | 0.00 | 0.000 | 593. | 10 | |
| 65 | 3.00 | 0.19 | 0.42 | 0.00 | 0.00 | 0.70 | 0.000 | 598. | 6 | |
| 66 | 3.00 | 0.52 | 1.12 | 0.00 | 0.00 | 0.37 | 275.58 | 595. | 5 | |
| 67 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 9 | |
| 68 | 3.00 | 0.20 | 0.43 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 5 | |
| 69 | 3.00 | 0.84 | 1.79 | 0.00 | 0.00 | 1.70 | 0.000 | 606. | 6 | |
| 70 | 3.00 | 2.87 | 6.20 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 5 | |
| 71 | 3.00 | 0.76 | 1.45 | 0.58 | 0.61 | 2.70 | 83.589 | 605. | 8 | |
| 72 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.16 | 0.000 | 600. | 14 | |
| 73 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 13 | |
| 74 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.000 | 595. | 17 | |
| 75 | 3.00 | 0.23 | 0.50 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 6 | |
| 76 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 22 | |
| 77 | 3.00 | 1.49 | 3.23 | 0.00 | 0.00 | 1.37 | 0.000 | 596. | 8 | |
| 78 | 3.00 | 0.80 | 1.73 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 12 | |
| 79 | 3.00 | 0.00 | 0.00 | 1.49 | 1.80 | 0.00 | 0.000 | 599. | 5 | |
| 80 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.37 | 0.000 | 599. | 13 | |
| 81 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 12 | |
| 82 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.000 | 601. | 11 | |
| 83 | 3.00 | 1.59 | 3.44 | 0.00 | 0.00 | 1.03 | 0.000 | 599. | 2 | |
| 84 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.70 | 0.000 | 597. | 15 | |
| 85 | 3.00 | 2.26 | 4.53 | 1.08 | 1.04 | 0.00 | 80.891 | 604. | 8 | |
| 86 | 3.00 | 0.20 | 0.43 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 4 | |
| 87 | 3.00 | 0.18 | 0.39 | 0.00 | 0.00 | 1.37 | 0.000 | 603. | 9 | |
| 88 | 3.00 | 2.57 | 5.53 | 0.00 | 0.00 | 0.37 | 0.000 | 604. | 5 | |
| 89 | 3.00 | 0.00 | 0.00 | 0.56 | 0.67 | 1.03 | 0.000 | 601. | 11 | |
| 90 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.37 | 0.000 | 603. | 15 | |
| 91 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.000 | 609. | 17 | |
| 92 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 13 | |
| 93 | 3.00 | 0.45 | 0.89 | 0.22 | 0.22 | 0.00 | 23.734 | 604. | 9 | |
| 94 | 3.00 | 0.00 | 0.00 | 0.52 | 0.62 | 1.03 | 0.000 | 600. | 19 | |
| 95 | 3.00 | 1.89 | 4.14 | 0.00 | 0.00 | 1.70 | 101.22 | 585. | 2 | |
| 96 | 3.00 | 1.92 | 3.78 | 1.16 | 1.19 | 0.70 | 110.53 | 602. | 3 | |
| 97 | 3.00 | 2.14 | 4.27 | 1.23 | 1.23 | 0.00 | 45.983 | 594. | 6 | |
| 98 | 3.00 | 0.00 | 0.00 | 2.56 | 3.09 | 0.00 | 216.51 | 596. | 5 | |
| 99 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 7 | |
| 100 | 3.00 | 0.00 | 0.00 | 1.52 | 1.83 | 1.70 | 274.22 | 597. | 15 | |
| 101 | 3.00 | 2.11 | 4.64 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 4 | |
| 102 | 3.00 | 0.00 | 0.00 | 1.90 | 2.30 | 0.00 | 0.000 | 592. | 12 | |
| 103 | 3.00 | 0.00 | 0.00 | 0.31 | 0.38 | 0.00 | 0.000 | 590. | 10 | Rm 813#97 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM FLAG |
|-----|------|------|-------|------|------|------|--------|------|--------------|
| 104 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.90 | 0.000 | 591. | 6Rm813 #98 |
| 105 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 13 |
| 106 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.000 | 601. | 9 |
| 107 | 3.00 | 0.00 | 0.00 | 0.48 | 0.58 | 0.00 | 0.000 | 574. | 18 |
| 108 | 3.00 | 0.78 | 1.63 | 0.20 | 0.15 | 0.00 | 64.492 | 596. | 10 |
| 109 | 3.00 | 1.00 | 2.16 | 0.00 | 0.00 | 0.00 | 17.031 | 605. | 16 |
| 110 | 3.00 | 0.00 | 0.00 | 0.50 | 0.61 | 0.00 | 0.000 | 598. | 16 |
| 111 | 3.00 | 0.00 | 0.00 | 1.16 | 1.40 | 0.70 | 237.50 | 603. | 12 |
| 112 | 3.00 | 2.87 | 6.20 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 7 |
| 113 | 3.00 | 0.00 | 0.00 | 0.54 | 0.66 | 1.03 | 0.000 | 596. | 12 |
| 114 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.37 | 0.000 | 585. | 31 |
| 115 | 3.00 | 1.09 | 2.19 | 0.58 | 0.57 | 4.03 | 62.575 | 590. | 8 |
| 116 | 3.00 | 2.45 | 5.35 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 5 |
| 117 | 3.00 | 0.43 | 0.94 | 0.00 | 0.00 | 1.37 | 0.000 | 591. | 9 |
| 118 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 20 |
| 119 | 3.00 | 0.00 | 0.00 | 0.20 | 0.24 | 1.67 | 0.000 | 602. | 7 |
| 120 | 3.00 | 1.65 | 3.24 | 1.38 | 1.47 | 0.00 | 65.711 | 569. | 6 |
| 121 | 3.00 | 0.76 | 1.66 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 6 |
| 122 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.000 | 581. | 13 |
| 123 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 16 |
| 124 | 3.00 | 0.06 | 0.12 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 11 |
| 125 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.000 | 587. | 13 |
| 126 | 3.00 | 0.00 | 0.00 | 0.46 | 0.56 | 0.00 | 0.000 | 575. | 18 |
| 127 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 12 |
| 128 | 3.00 | 3.14 | 6.89 | 0.00 | 0.00 | 0.37 | 0.000 | 582. | 7 |
| 129 | 3.00 | 2.93 | 6.30 | 0.00 | 0.00 | 1.70 | 29.062 | 603. | 6 |
| 130 | 3.00 | 0.00 | 0.00 | 1.46 | 1.77 | 0.00 | 0.000 | 607. | 11 |
| 131 | 3.00 | 0.00 | 0.00 | 1.56 | 1.89 | 0.00 | 12.350 | 537. | 7 |
| 132 | 3.00 | 0.32 | 0.71 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 13 |
| 133 | 3.00 | 5.51 | 12.15 | 0.00 | 0.00 | 1.03 | 0.000 | 578. | 16 |
| 134 | 3.00 | 2.57 | 5.56 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 2 |
| 135 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.03 | 0.000 | 574. | 10 |
| 136 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 545. | 14 |
| 137 | 3.00 | 0.00 | 0.00 | 0.55 | 0.67 | 0.00 | 124.23 | 594. | 19 |
| 138 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 13 |
| 139 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 23 |
| 140 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 21 |
| 141 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 14 |
| 142 | 3.00 | 0.34 | 0.73 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 17 |
| 143 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 24 |
| 144 | 3.00 | 0.45 | 0.91 | 0.19 | 0.18 | 0.00 | 391.68 | 595. | 10 |
| 145 | 3.00 | 1.00 | 2.18 | 0.00 | 0.00 | 0.00 | 35.058 | 589. | 13 |
| 146 | 3.00 | 0.00 | 0.00 | 1.31 | 1.58 | 0.66 | 0.000 | 590. | 16 |
| 147 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.000 | 591. | 21 |
| 148 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 12 |
| 149 | 3.00 | 1.11 | 2.43 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 9 |
| 150 | 3.00 | 0.00 | 0.00 | 2.89 | 3.49 | 0.00 | 159.74 | 580. | 17 |
| 151 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.000 | 567. | 13 |
| 152 | 3.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 11 |
| 153 | 3.00 | 1.11 | 2.36 | 0.23 | 0.15 | 0.00 | 174.00 | 590. | 7 |
| 154 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.37 | 0.000 | 598. | 11 |
| 155 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.000 | 602. | 13 |
| 156 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.000 | 583. | 11 |
| 157 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.03 | 0.000 | 599. | 13 |
| 158 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 16 |
| 159 | 3.00 | 0.00 | 0.00 | 1.50 | 1.81 | 0.00 | 0.000 | 602. | 12Rm813 #153 |

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| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-------------------|------|--------|--------|---------|---------|------|--------|------|-----|-------------|
| 160 | 3.00 | 0.00 | 0.00 | 2.42 | 2.93 | 0.70 | 60.189 | 563. | 11 | Rm 813 #154 |
| 161 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 10 | |
| 162 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.000 | 589. | 4 | |
| 163 | 3.00 | 2.65 | 5.84 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 5 | |
| 164 | 3.00 | 0.00 | 0.00 | 0.66 | 0.79 | 0.37 | 0.000 | 554. | 9 | |
| 165 | 3.00 | 2.70 | 5.81 | 0.30 | 0.05 | 0.00 | 73.917 | 588. | 8 | |
| 166 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.03 | 0.000 | 568. | 19 | |
| 167 | 3.00 | 0.06 | 0.13 | 0.00 | 0.00 | 0.70 | 0.000 | 590. | 12 | |
| 168 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 10 | |
| 169 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 9 | |
| 170 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.000 | 574. | 14 | |
| 171 | 3.00 | 3.11 | 6.81 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 5 | |
| 172 | 3.00 | 10.09 | 22.09 | 2.44 | 1.72 | 0.00 | 16.038 | 550. | 10 | 813 #167 |
| 173 | 3.00 | 105.33 | 231.79 | 4.26 | 0.00 | 0.00 | 11.477 | 574. | 2 | 813 #125 Af |
| 174 | 3.00 | 1.81 | 3.88 | 0.00 | 0.00 | 0.37 | 65.874 | 605. | 12 | 813 #148 |
| 175 | 3.00 | 491.95 | 843.11 | 1020.18 | 1178.83 | 0.00 | 49.383 | 498. | 0 | 813 #148 |
| 176 | 3.00 | 0.00 | 0.00 | 1.21 | 1.46 | 0.00 | 0.000 | 596. | 9 | 813 #148 |
| (4 missing vials) | | | | | | | | | | |
| 181 | 3.00 | 0.00 | 0.00 | 1.26 | 1.53 | 0.00 | 0.000 | 590. | 19 | After Decar |
| 182 | 3.00 | 2.28 | 4.92 | 0.34 | 0.14 | 1.70 | 4.413 | 576. | 11 | 254 #1 |
| 183 | 3.00 | 1.84 | 4.04 | 0.00 | 0.00 | 2.37 | 0.000 | 581. | 16 | |
| 184 | 3.00 | 2.66 | 5.75 | 0.00 | 0.00 | 2.37 | 0.000 | 596. | 18 | |
| 185 | 3.00 | 0.00 | 0.00 | 3.23 | 3.90 | 0.70 | 63.771 | 593. | 22 | |
| 186 | 3.00 | 0.31 | 0.67 | 0.00 | 0.00 | 0.00 | 127.50 | 594. | 17 | |
| 187 | 3.00 | 4.43 | 9.60 | 0.00 | 0.00 | 1.37 | 0.000 | 595. | 10 | |
| 188 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.03 | 0.000 | 594. | 32 | |
| 189 | 3.00 | 0.91 | 1.98 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 20 | |
| 190 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.70 | 0.000 | 575. | 34 | |
| 191 | 3.00 | 0.03 | 0.07 | 0.00 | 0.00 | 0.37 | 0.000 | 595. | 14 | |
| 192 | 3.00 | 0.10 | 0.00 | 1.90 | 2.29 | 2.70 | 100.42 | 593. | 23 | #20 |
| 193 | 3.00 | 0.00 | 0.00 | 0.25 | 0.30 | 0.00 | 0.000 | 589. | 22 | Missing |
| 194 | 3.00 | 1.61 | 3.51 | 0.00 | 0.00 | 0.03 | 0.000 | 591. | 17 | |
| 195 | 3.00 | 0.84 | 1.81 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 24 | |
| 196 | 3.00 | 4.40 | 9.45 | 0.18 | 0.00 | 0.00 | 62.420 | 600. | 11 | |
| 197 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.000 | 575. | 23 | |
| 198 | 3.00 | 0.00 | 0.00 | 1.56 | 1.88 | 0.70 | 0.000 | 594. | 20 | |
| 199 | 3.00 | 0.00 | 0.00 | 1.61 | 1.94 | 0.03 | 344.10 | 591. | 13 | |
| 200 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 13 | |
| 201 | 3.00 | 1.72 | 3.75 | 0.00 | 0.00 | 0.03 | 0.000 | 589. | 9 | |
| 202 | 3.00 | 0.01 | 0.03 | 0.00 | 0.00 | 2.37 | 0.000 | 582. | 13 | |
| 203 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 178.05 | 588. | 16 | |
| 204 | 3.00 | 0.35 | 0.76 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 11 | |
| 205 | 3.00 | 1.72 | 3.74 | 0.00 | 0.00 | 0.00 | 155.98 | 596. | 12 | |
| 206 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 32 | |
| 207 | 3.00 | 0.00 | 0.00 | 1.89 | 2.28 | 0.00 | 0.000 | 594. | 6 | |
| 208 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.000 | 586. | 19 | |
| 209 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 10 | |
| 210 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 29 | |
| 211 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.000 | 619. | 26 | |
| 212 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.03 | 0.000 | 600. | 26 | |
| 213 | 3.00 | 2.10 | 3.89 | 2.23 | 2.45 | 1.37 | 63.717 | 592. | 7 | |
| 214 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 14 | |
| 215 | 3.00 | 1.86 | 4.01 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 10 | |
| 16 | 3.00 | 0.00 | 0.00 | 2.54 | 3.07 | 2.70 | 267.78 | 595. | 17 | |
| 17 | 3.00 | 2.12 | 3.23 | 4.64 | 5.36 | 0.00 | 81.213 | 581. | 17 | |
| 218 | 3.00 | 0.00 | 0.00 | 0.51 | 0.62 | 0.00 | 0.000 | 601. | 35 | Rm 254 #39 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-----|------|------|------|------|------|------|--------|------|-----|------------|
| 219 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.37 | 0.000 | 597. | 22 | Rm 254 #40 |
| 220 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.70 | 0.000 | 595. | 10 | |
| 221 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.03 | 0.000 | 599. | 17 | |
| 222 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 4 | |
| 223 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 5 | |
| 224 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 12 | |
| 225 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 18 | |
| 226 | 3.00 | 2.39 | 5.14 | 0.00 | 0.00 | 0.37 | 0.000 | 604. | 12 | |
| 227 | 3.00 | 0.06 | 0.13 | 0.00 | 0.00 | 1.37 | 0.000 | 601. | 12 | |
| 228 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.000 | 572. | 16 | |
| 229 | 3.00 | 0.00 | 0.00 | 0.22 | 0.27 | 0.00 | 0.000 | 594. | 23 | |
| 230 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.03 | 0.000 | 583. | 15 | |
| 231 | 3.00 | 2.81 | 5.60 | 1.50 | 1.49 | 1.03 | 0.000 | 602. | 9 | |
| 232 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 14 | |
| 233 | 3.00 | 0.32 | 0.69 | 0.00 | 0.00 | 0.83 | 0.000 | 600. | 20 | |
| 234 | 3.00 | 1.12 | 2.43 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 14 | |
| 235 | 3.00 | 0.53 | 1.15 | 0.00 | 0.00 | 0.03 | 0.000 | 600. | 22 | |
| 236 | 3.00 | 0.27 | 0.45 | 0.48 | 0.55 | 0.00 | 60.088 | 600. | 21 | |
| 237 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 24 | |
| 238 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 21 | |
| 239 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.000 | 579. | 19 | |
| 240 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 14 | |
| 241 | 3.00 | 0.00 | 0.00 | 0.81 | 0.97 | 0.03 | 0.000 | 596. | 12 | |
| 242 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.000 | 596. | 18 | |
| 243 | 3.00 | 1.64 | 3.55 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 19 | |
| 244 | 3.00 | 0.00 | 0.00 | 0.89 | 1.08 | 0.00 | 205.96 | 593. | 21 | |
| 245 | 3.00 | 0.81 | 1.74 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 9 | |
| 246 | 3.00 | 3.17 | 6.84 | 0.00 | 0.00 | 0.37 | 122.54 | 600. | 5 | |
| 247 | 3.00 | 1.61 | 3.48 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 20 | |
| 248 | 3.00 | 0.00 | 0.00 | 0.73 | 0.88 | 1.37 | 0.000 | 585. | 36 | |
| 249 | 3.00 | 2.72 | 5.91 | 0.00 | 0.00 | 2.03 | 0.000 | 593. | 12 | |
| 250 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.03 | 0.000 | 587. | 28 | |
| 251 | 3.00 | 0.00 | 0.00 | 1.89 | 2.28 | 1.03 | 218.31 | 602. | 14 | |
| 252 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 16 | |
| 253 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.18 | 0.000 | 603. | 14 | |
| 254 | 3.00 | 0.03 | 0.00 | 0.84 | 1.01 | 0.00 | 65.004 | 602. | 16 | |
| 255 | 3.00 | 0.72 | 1.49 | 0.23 | 0.19 | 1.37 | 49.052 | 593. | 12 | |
| 256 | 3.00 | 0.61 | 1.04 | 0.97 | 1.10 | 0.03 | 89.880 | 587. | 13 | |
| 257 | 3.00 | 1.52 | 3.28 | 0.00 | 0.00 | 0.37 | 0.000 | 601. | 7 | |
| 258 | 3.00 | 0.98 | 1.75 | 1.22 | 1.36 | 0.00 | 82.905 | 593. | 15 | |
| 259 | 3.00 | 0.00 | 0.00 | 0.56 | 0.67 | 0.00 | 0.000 | 601. | 8 | |
| 260 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 22 | |
| 261 | 3.00 | 0.62 | 0.95 | 1.38 | 1.60 | 0.00 | 0.000 | 569. | 8 | |
| 262 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 26 | |
| 263 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 13 | |
| 264 | 3.00 | 0.00 | 0.00 | 1.20 | 1.45 | 0.70 | 0.000 | 595. | 10 | |
| 265 | 3.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.03 | 85.016 | 575. | 14 | |
| 266 | 3.00 | 0.00 | 0.00 | 0.13 | 0.15 | 0.00 | 27.463 | 601. | 15 | |
| 267 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.37 | 0.000 | 561. | 17 | |
| 268 | 3.00 | 0.00 | 0.00 | 2.15 | 2.59 | 0.00 | 0.000 | 600. | 18 | |
| 269 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.000 | 601. | 25 | |
| 270 | 3.00 | 3.59 | 7.72 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 4 | |
| 271 | 3.00 | 0.69 | 1.48 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 16 | |
| 272 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.000 | 599. | 24 | |
| 273 | 3.00 | 0.88 | 1.90 | 0.00 | 0.00 | 0.03 | 27.374 | 601. | 5 | |
| 274 | 3.00 | 1.86 | 3.66 | 1.26 | 1.30 | 0.03 | 0.000 | 588. | 2 | Rm 254 #95 |

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| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|------|------|------|------|--------|------|-----|---------|
| 275 | 3.00 | 0.00 | 0.00 | 0.86 | 1.04 | 3.03 | 341.73 | 595. | 19 | 254#96 |
| 276 | 3.00 | 0.00 | 0.00 | 0.09 | 0.11 | 0.00 | 0.000 | 603. | 23 | |
| 77 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 50 | |
| 278 | 3.00 | 1.17 | 2.52 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 24 | |
| 279 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 16 | |
| 280 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.03 | 0.000 | 609. | 21 | |
| 281 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 22 | |
| 282 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 24 | |
| 283 | 3.00 | 2.39 | 5.24 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 4 | |
| 284 | 3.00 | 1.42 | 3.08 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 11 | 254#105 |
| (2 missing vials) | | | | | | | | | | |
| 287 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 32 | 254A#1 |
| 288 | 3.00 | 0.00 | 0.00 | 0.25 | 0.31 | 0.70 | 0.000 | 589. | 14 | |
| 289 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.000 | 575. | 20 | |
| 290 | 3.00 | 0.00 | 0.00 | 1.86 | 2.25 | 0.00 | 74.546 | 598. | 5 | |
| 291 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.000 | 583. | 4 | |
| 292 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 8 | |
| 293 | 3.00 | 0.00 | 0.00 | 1.22 | 1.48 | 0.00 | 0.000 | 588. | 9 | |
| 294 | 3.00 | 0.00 | 0.00 | 2.54 | 3.07 | 0.00 | 175.41 | 596. | 14 | |
| 295 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 10 | |
| 296 | 3.00 | 0.00 | 0.00 | 2.88 | 3.48 | 0.70 | 64.047 | 595. | 22 | |
| 297 | 3.00 | 1.34 | 2.91 | 0.00 | 0.00 | 0.37 | 0.000 | 590. | 15 | |
| 298 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.37 | 0.000 | 605. | 32 | |
| 299 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 20 | |
| 300 | 3.00 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 14 | |
| 301 | 3.00 | 1.10 | 2.38 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 14 | |
| 302 | 3.00 | 0.00 | 0.00 | 0.55 | 0.66 | 0.03 | 14.088 | 595. | 18 | |
| 303 | 3.00 | 0.00 | 0.00 | 2.15 | 2.60 | 1.37 | 1079.3 | 604. | 32 | |
| 304 | 3.00 | 1.98 | 4.27 | 0.00 | 0.00 | 1.37 | 0.000 | 603. | 18 | |
| 305 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.000 | 595. | 18 | |
| 306 | 3.00 | 3.00 | 6.48 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 14 | |
| 307 | 3.00 | 0.03 | 0.07 | 0.00 | 0.00 | 0.03 | 0.000 | 598. | 14 | |
| 308 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.000 | 596. | 17 | |
| 309 | 3.00 | 0.77 | 1.68 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 7 | |
| 310 | 3.00 | 4.07 | 8.46 | 1.63 | 1.49 | 0.00 | 9.980 | 578. | 6 | |
| 311 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 14 | |
| 312 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 15 | |
| 313 | 3.00 | 0.00 | 0.00 | 0.57 | 0.69 | 2.03 | 0.000 | 591. | 7 | |
| 314 | 3.00 | 0.34 | 0.14 | 1.94 | 2.31 | 0.70 | 173.90 | 590. | 11 | |
| 315 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 20 | |
| 316 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 19 | |
| 317 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.18 | 0.000 | 592. | 16 | |
| 318 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 8 | |
| 319 | 3.00 | 0.40 | 0.85 | 0.00 | 0.00 | 2.37 | 0.000 | 602. | 9 | |
| 320 | 3.00 | 0.83 | 1.78 | 0.00 | 0.00 | 0.70 | 0.000 | 605. | 11 | |
| 321 | 3.00 | 2.27 | 4.89 | 0.00 | 0.00 | 0.70 | 0.000 | 601. | 6 | |
| 322 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 9 | |
| 323 | 3.00 | 1.34 | 2.41 | 1.56 | 1.72 | 0.00 | 24.249 | 601. | 13 | |
| 324 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 22 | |
| 325 | 3.00 | 2.71 | 5.62 | 0.85 | 0.71 | 0.00 | 8.250 | 596. | 13 | |
| 326 | 3.00 | 0.00 | 0.00 | 1.20 | 1.46 | 0.00 | 133.67 | 595. | 17 | |
| 327 | 3.00 | 3.72 | 8.05 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 12 | |
| 328 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 22 | |
| 29 | 3.00 | 3.04 | 6.33 | 0.97 | 0.81 | 0.00 | 56.505 | 588. | 7 | |
| 330 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.000 | 592. | 21 | |
| 331 | 3.00 | 3.42 | 7.39 | 0.00 | 0.00 | 0.70 | 0.000 | 599. | 11 | 254A#45 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-----|-----------|
| 332 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 31 | 254A # 46 |
| (4 missing vials) | | | | | | | | | | |
| 37 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.000 | 586. | 20 | 255 # 1 |
| 38 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.000 | 566. | 11 | |
| 339 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 19 | |
| 340 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 15 | |
| 341 | 3.00 | 3.41 | 7.47 | 0.00 | 0.00 | 0.00 | 168.05 | 584. | 7 | |
| 342 | 3.00 | 2.12 | 4.73 | 0.00 | 0.00 | 4.03 | 9.965 | 563. | 13 | |
| 343 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 23 | |
| 344 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 17 | |
| 345 | 3.00 | 0.00 | 0.00 | 0.54 | 0.65 | 0.00 | 121.30 | 596. | 19 | |
| 346 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 33 | |
| 347 | 3.00 | 0.00 | 0.00 | 1.19 | 1.43 | 0.00 | 11.063 | 597. | 15 | |
| 348 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.000 | 594. | 22 | |
| 349 | 3.00 | 0.30 | 0.66 | 0.00 | 0.00 | 0.37 | 0.000 | 593. | 18 | |
| 350 | 3.00 | 2.42 | 5.25 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 10 | |
| 351 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 12 | |
| 352 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.03 | 0.000 | 572. | 34 | |
| 353 | 3.00 | 1.03 | 1.88 | 1.22 | 1.36 | 0.00 | 121.77 | 588. | 12 | |
| 354 | 3.00 | 0.06 | 0.13 | 0.00 | 0.00 | 1.37 | 0.000 | 597. | 16 | |
| 355 | 3.00 | 2.11 | 4.57 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 11 | |
| 356 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 15 | |
| 357 | 3.00 | 0.00 | 0.00 | 0.72 | 0.88 | 0.37 | 0.000 | 585. | 23 | |
| 358 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 17 | |
| 359 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 4 | |
| 360 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.46 | 0.000 | 593. | 17 | |
| 361 | 3.00 | 1.72 | 3.71 | 0.00 | 0.00 | 2.70 | 0.000 | 600. | 16 | |
| 362 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 871.91 | 589. | 17 | |
| 363 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 24 | |
| 364 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 18 | |
| 365 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 11 | |
| 366 | 3.00 | 4.98 | 10.77 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 14 | |
| 367 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 25 | |
| 368 | 3.00 | 0.47 | 1.02 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 11 | |
| 369 | 3.00 | 0.27 | 0.25 | 1.15 | 1.36 | 0.00 | 79.603 | 574. | 20 | |
| 370 | 3.00 | 2.91 | 6.14 | 0.48 | 0.24 | 0.37 | 46.602 | 600. | 5 | |
| 371 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.70 | 0.000 | 587. | 17 | |
| 372 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 16 | |
| 373 | 3.00 | 1.32 | 2.90 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 10 | |
| 374 | 3.00 | 2.00 | 4.36 | 0.00 | 0.00 | 0.00 | 26.970 | 592. | 28 | |
| 375 | 3.00 | 0.37 | 0.79 | 0.00 | 0.00 | 0.22 | 0.000 | 603. | 30 | |
| 376 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 32 | |
| 377 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.000 | 579. | 14 | |
| 378 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.000 | 588. | 24 | |
| 379 | 3.00 | 0.00 | 0.00 | 1.51 | 1.83 | 0.03 | 74.228 | 600. | 7 | |
| 380 | 3.00 | 0.45 | 0.60 | 1.20 | 1.39 | 0.03 | 194.73 | 598. | 10 | |
| 381 | 3.00 | 0.33 | 0.72 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 15 | |
| 382 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 337.81 | 601. | 19 | |
| 383 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.000 | 608. | 16 | |
| 384 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 13 | |
| 385 | 3.00 | 0.00 | 0.00 | 1.28 | 1.55 | 0.37 | 0.000 | 584. | 20 | |
| 386 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.03 | 0.000 | 608. | 12 | 255 # 50 |

FRONT PIN JAM FWD

7057

Lakeside Hosp - 848, 845, Misc 809 Regular
Closeout prior to

Protocol #:26 Name:Decommissioning2 29-Jun-2004 14:45
Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
VA Lakeside Campus Packard LSC A2100 SNo 414354
Conventional DPM
Nuclide 1 = 273850 Nuclide 2 = 127200
Luminescence Correction On

Decomm.
Survey.

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|------------------|
| 1 | 10.00 | 6.89 | | 11.10 | | 9.90 | 62.646 | 569. | 7 | B |
| 2 | 3.00 | 16708.7 | 840.08 | 114677. | 133534. | 527.40 | 161.04 | 999. | 0 | E |
| 3 | 3.00 | 105592. | 172472. | 8292.51 | 0.00 | 0.10 | 19.891 | 1001 | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.43 | 0.000 | 985. | 40 | E |
| (3 missing vials) | | | | | | | | | | |
| 8 | 3.00 | 3.11 | 7.80 | 0.85 | 0.64 | 0.00 | 0.000 | 442. | | 3-809 Freezer Ic |
| 9 | 3.00 | 4.19 | 9.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | | 0809 Left Cabin |
| 10 | 3.00 | 6.64 | 14.23 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | | 8809 Right Cabin |
| (2 missing vials) | | | | | | | | | | |
| 13 | 3.00 | 0.00 | 0.00 | 1.57 | 1.89 | 0.00 | 191.74 | 584. | | 12-848 #1 |
| 14 | 3.00 | 0.71 | 1.54 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 4 | |
| 15 | 3.00 | 2.02 | 4.41 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 4 | |
| 16 | 3.00 | 3.23 | 7.09 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 10 | |
| 17 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.43 | 0.000 | 580. | 13 | |
| 18 | 3.00 | 0.09 | 0.18 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 7 | |
| 19 | 3.00 | 1.33 | 2.30 | 1.96 | 2.21 | 0.00 | 50.282 | 584. | 3 | |
| 20 | 3.00 | 0.06 | 0.12 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 7 | |
| 21 | 3.00 | 2.79 | 6.10 | 0.00 | 0.00 | 0.00 | 112.08 | 588. | 15 | |
| 22 | 3.00 | 0.58 | 1.27 | 0.00 | 0.00 | 0.00 | 245.99 | 588. | 6 | |
| 23 | 3.00 | 1.75 | 3.88 | 0.00 | 0.00 | 0.00 | 0.000 | 572. | 6 | |
| 24 | 3.00 | 1.19 | 2.11 | 1.68 | 1.89 | 0.00 | 0.000 | 576. | 8 | |
| 25 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 54.481 | 590. | 14 | |
| 26 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 10 | |
| 27 | 3.00 | 0.00 | 0.00 | 0.69 | 0.83 | 0.00 | 0.000 | 575. | 12 | |
| 28 | 3.00 | 1.61 | 3.46 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 11 | |
| 29 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 3 | |
| 30 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 17 | |
| 31 | 3.00 | 1.68 | 3.72 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 12 | |
| 32 | 3.00 | 0.00 | 0.00 | 1.23 | 1.49 | 0.00 | 136.11 | 589. | 9 | |
| 33 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 6 | |
| 34 | 3.00 | 0.36 | 0.78 | 0.00 | 0.00 | 0.00 | 58.934 | 584. | 6 | |
| 35 | 3.00 | 0.00 | 0.00 | 0.35 | 0.43 | 0.00 | 0.000 | 584. | 6 | |
| 36 | 3.00 | 0.53 | 1.18 | 0.00 | 0.00 | 0.00 | 0.000 | 564. | 4 | |
| 37 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 610. | 12 | |
| 38 | 3.00 | 1.36 | 2.91 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 6 | |
| 39 | 3.00 | 0.66 | 1.26 | 0.57 | 0.61 | 0.00 | 0.000 | 602. | 7 | |
| 40 | 3.00 | 1.84 | 3.94 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 7 | |
| 41 | 3.00 | 1.72 | 3.65 | 0.18 | 0.02 | 0.00 | 58.504 | 602. | 7 | |
| 42 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 15 | |
| 43 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 10 | |
| 44 | 3.00 | 0.02 | 0.05 | 0.00 | 0.00 | 4.43 | 0.000 | 580. | 7 | |
| 45 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.000 | 528. | 2 | |
| 46 | 3.00 | 0.39 | 0.84 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 4 | |
| 47 | 3.00 | 0.00 | 0.00 | 0.14 | 0.17 | 0.00 | 0.000 | 593. | 16 | |
| 48 | 3.00 | 2.08 | 4.52 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 2 | |
| 49 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 12 | Rm 848 #37 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|------|------|------|------|--------|------|-----|------------|
| 50 | 3.00 | 2.77 | 5.97 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 0 | Rm848 # 38 |
| 51 | 3.00 | 0.96 | 2.10 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 8 | |
| 52 | 3.00 | 0.00 | 0.00 | 0.23 | 0.28 | 0.43 | 0.000 | 600. | 0 | |
| 53 | 3.00 | 0.05 | 0.10 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 7 | |
| 54 | 3.00 | 0.02 | 0.00 | 1.16 | 1.39 | 1.77 | 57.104 | 605. | 10 | |
| 55 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 2 | |
| 56 | 3.00 | 3.26 | 7.12 | 0.00 | 0.00 | 0.00 | 106.40 | 587. | 8 | |
| 57 | 3.00 | 1.36 | 2.95 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 6 | |
| 58 | 3.00 | 2.49 | 5.32 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 6 | |
| 59 | 3.00 | 0.07 | 0.00 | 1.08 | 1.30 | 0.77 | 112.64 | 615. | 12 | |
| 60 | 3.00 | 1.77 | 3.85 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 0 | |
| 61 | 3.00 | 0.61 | 0.64 | 2.23 | 2.63 | 0.00 | 75.898 | 591. | 9 | |
| 62 | 3.00 | 1.75 | 3.52 | 0.90 | 0.88 | 0.00 | 82.976 | 594. | 2 | |
| 63 | 3.00 | 1.26 | 2.77 | 0.00 | 0.00 | 1.43 | 0.000 | 582. | 2 | |
| 64 | 3.00 | 0.00 | 0.00 | 0.37 | 0.45 | 0.00 | 0.000 | 572. | 10 | |
| 65 | 3.00 | 0.00 | 0.00 | 3.55 | 4.30 | 0.00 | 154.73 | 596. | 7 | |
| 66 | 3.00 | 0.00 | 0.00 | 2.68 | 3.25 | 0.00 | 138.54 | 575. | 11 | |
| 67 | 3.00 | 0.66 | 1.44 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 8 | |
| 68 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 7 | |
| 69 | 3.00 | 2.69 | 5.83 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 5 | |
| 70 | 3.00 | 2.53 | 5.43 | 0.37 | 0.15 | 0.00 | 2.846 | 583. | 6 | |
| 71 | 3.00 | 0.02 | 0.06 | 0.00 | 0.00 | 0.00 | 0.000 | 564. | 7 | |
| 72 | 3.00 | 1.66 | 3.29 | 1.58 | 1.70 | 0.00 | 0.000 | 540. | 6 | |
| 73 | 3.00 | 0.05 | 0.11 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 5 | |
| 74 | 3.00 | 0.00 | 0.00 | 0.67 | 0.81 | 0.00 | 0.000 | 586. | 11 | |
| 75 | 3.00 | 3.69 | 7.93 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 5 | |
| 76 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 9 | -848 # 64 |
| (2 missing vials) | | | | | | | | | | |
| 79 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 12 | -845 # 1 |
| 80 | 3.00 | 0.35 | 0.77 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 5 | |
| 81 | 3.00 | 1.69 | 3.27 | 1.43 | 1.53 | 4.57 | 90.387 | 584. | 5 | |
| 82 | 3.00 | 1.13 | 2.46 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 18 | |
| 83 | 3.00 | 2.72 | 6.08 | 0.00 | 0.00 | 0.00 | 37.327 | 562. | 3 | |
| 84 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 548. | 2 | |
| 85 | 3.00 | 3.36 | 7.23 | 0.23 | 0.00 | 0.00 | 1.057 | 595. | 5 | |
| 86 | 3.00 | 2.63 | 4.58 | 4.27 | 4.85 | 0.00 | 59.040 | 557. | 6 | |
| 87 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 542. | 10 | |
| 88 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 8 | |
| 89 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 6 | |
| 90 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 566. | 10 | |
| 91 | 3.00 | 0.72 | 1.56 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 4 | |
| 92 | 3.00 | 1.76 | 3.82 | 0.11 | 0.00 | 0.00 | 32.051 | 583. | 8 | |
| 93 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 | 0.000 | 586. | 12 | |
| 94 | 3.00 | 0.00 | 0.00 | 0.32 | 0.38 | 0.00 | 0.000 | 572. | 7 | |
| 95 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 565. | 19 | |
| 96 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 566. | 18 | |
| 97 | 3.00 | 1.02 | 2.22 | 0.00 | 0.00 | 0.00 | 148.50 | 595. | 6 | |
| 98 | 3.00 | 3.52 | 7.75 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 4 | |
| 99 | 3.00 | 0.69 | 1.51 | 0.00 | 0.00 | 0.10 | 0.000 | 590. | 6 | |
| 100 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.43 | 0.000 | 584. | 2 | |
| 101 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 13 | |
| 102 | 3.00 | 1.15 | 2.54 | 0.17 | 0.06 | 0.00 | 0.000 | 552. | 2 | |
| 103 | 3.00 | 1.69 | 3.75 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 9 | |
| 104 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 9 | |
| 105 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.000 | 586. | 10 | |
| 106 | 3.00 | 0.60 | 1.29 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 15 | 845 # 28 |

2 of 4

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|-------|------|------|------|--------|------|-----|----------|
| 107 | 3.00 | 1.28 | 2.22 | 1.90 | 2.15 | 0.00 | 30.269 | 582. | 9 | Rm845#29 |
| 108 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 568. | 8 | |
| 109 | 3.00 | 2.94 | 6.49 | 0.00 | 0.00 | 0.00 | 28.449 | 577. | 10 | |
| 110 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 7 | |
| 111 | 3.00 | 2.30 | 4.98 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 10 | |
| 112 | 3.00 | 0.69 | 1.43 | 0.23 | 0.20 | 0.00 | 81.650 | 594. | 5 | |
| 113 | 3.00 | 0.49 | 1.05 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 0 | |
| 114 | 3.00 | 0.55 | 1.20 | 0.00 | 0.00 | 0.00 | 4.465 | 598. | 14 | |
| 115 | 3.00 | 1.28 | 2.74 | 0.00 | 0.00 | 1.43 | 0.000 | 604. | 11 | |
| 116 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 9 | |
| 117 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 560. | 17 | |
| 118 | 3.00 | 1.16 | 2.55 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 13 | |
| 119 | 3.00 | 1.58 | 3.46 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 2 | |
| 120 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 2 | |
| 121 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 12 | |
| 122 | 3.00 | 0.36 | 0.81 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 8 | |
| 123 | 3.00 | 1.04 | 2.25 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 5 | |
| 124 | 3.00 | 1.41 | 2.98 | 0.21 | 0.09 | 0.00 | 138.33 | 597. | 4 | |
| 125 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 563. | 15 | |
| 126 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 4 | |
| 127 | 3.00 | 2.64 | 5.47 | 0.92 | 0.81 | 0.00 | 29.195 | 590. | 6 | |
| 128 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 13 | |
| 129 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 10 | |
| 130 | 3.00 | 2.02 | 4.21 | 0.49 | 0.36 | 0.00 | 0.000 | 598. | 10 | |
| 131 | 3.00 | 3.31 | 7.34 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 4 | |
| 132 | 3.00 | 2.66 | 5.92 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 8 | |
| 133 | 3.00 | 0.73 | 1.57 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 8 | |
| 134 | 3.00 | 2.39 | 5.12 | 0.00 | 0.00 | 0.77 | 0.000 | 605. | 4 | |
| 135 | 3.00 | 0.64 | 1.41 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 4 | |
| 136 | 3.00 | 0.00 | 0.00 | 0.53 | 0.64 | 0.00 | 0.000 | 599. | 8 | |
| 137 | 3.00 | 1.75 | 3.78 | 0.00 | 0.00 | 1.77 | 96.920 | 598. | 4 | |
| 138 | 3.00 | 2.87 | 6.27 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 5 | |
| 139 | 3.00 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 7 | |
| 140 | 3.00 | 0.36 | 0.79 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 6 | |
| 141 | 3.00 | 0.72 | 1.56 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 4 | |
| 142 | 3.00 | 1.39 | 3.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 6 | |
| 143 | 3.00 | 0.00 | 0.00 | 0.17 | 0.21 | 0.00 | 0.000 | 573. | 14 | |
| 144 | 3.00 | 2.97 | 6.57 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 5 | |
| 145 | 3.00 | 0.00 | 0.00 | 1.11 | 1.35 | 2.77 | 64.951 | 561. | 9 | |
| 146 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 534. | 11 | |
| 147 | 3.00 | 0.33 | 0.75 | 0.00 | 0.00 | 0.00 | 0.000 | 543. | 8 | |
| 148 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 7 | |
| 149 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 18 | |
| 150 | 3.00 | 4.56 | 10.06 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 6 | |
| 151 | 3.00 | 0.57 | 1.24 | 0.00 | 0.00 | 0.00 | 31.012 | 597. | 14 | |
| 152 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.000 | 528. | 5 | |
| 153 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 530. | 15 | |
| 154 | 3.00 | 4.84 | 10.18 | 1.44 | 1.18 | 0.00 | 100.29 | 583. | 3 | |
| 155 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 8 | |
| 156 | 3.00 | 1.31 | 2.72 | 0.92 | 0.95 | 0.00 | 0.000 | 539. | 7 | |
| 157 | 3.00 | 3.62 | 7.93 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 2 | |
| 158 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 16 | |
| 159 | 3.00 | 0.00 | 0.00 | 0.61 | 0.74 | 0.00 | 553.11 | 587. | 7 | |
| 160 | 3.00 | 0.64 | 1.43 | 0.00 | 0.00 | 1.10 | 216.77 | 559. | 9 | |
| 161 | 3.00 | 3.00 | 6.60 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 7 | |
| 162 | 3.00 | 1.51 | 3.02 | 1.03 | 1.06 | 0.00 | 36.648 | 574. | 8 | 845#84 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|------|------|------|------|--------|------|-----|----------|
| 163 | 3.00 | 1.00 | 2.29 | 0.00 | 0.00 | 0.00 | 0.000 | 540. | 7 | Rm845#85 |
| 164 | 3.00 | 2.00 | 3.88 | 1.57 | 1.66 | 0.00 | 29.122 | 589. | 6 | |
| 65 | 3.00 | 0.44 | 0.97 | 0.00 | 0.00 | 0.43 | 0.000 | 584. | 0 | |
| 66 | 3.00 | 1.97 | 4.26 | 0.00 | 0.00 | 0.00 | 673.64 | 598. | 9 | |
| 167 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 14 | |
| 168 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 534. | 13 | |
| 169 | 3.00 | 2.57 | 5.89 | 0.00 | 0.00 | 0.00 | 4.198 | 541. | 12 | |
| 170 | 3.00 | 0.41 | 0.54 | 1.18 | 1.38 | 0.00 | 20.500 | 579. | 5 | |
| 171 | 3.00 | 1.22 | 2.70 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 8 | 845#93 |

Lakeside - 804 Utr Aerocil Cabinet (tile cabinet) 842

Protocol #:26 Name:Decommissioning2 01-Jul-2004 15:03
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|---------------|
| 1 | 10.00 | 6.12 | | 10.20 | | 8.35 | 62.265 | 568. | 16 | B |
| 2 | 3.00 | 16751.3 | 881.95 | 114800. | 133693. | 527.75 | 160.67 | 996. | 0 | E |
| 3 | 3.00 | 105286. | 172315. | 8131.87 | 0.00 | 0.00 | 19.814 | 997. | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.98 | 0.000 | 979. | 55 | E |
| (1 missing vial) | | | | | | | | | | |
| 6 | 3.00 | 1.45 | 2.69 | 1.37 | 1.49 | 0.32 | 56.456 | 607. | 12 | 809 L Top 3dr |
| 7 | 3.00 | 4.47 | 9.06 | 1.80 | 1.66 | 0.32 | 43.546 | 603. | 5 | 809 L Bot 3dr |
| 8 | 3.00 | 2.71 | 5.79 | 0.00 | 0.00 | 2.65 | 0.000 | 609. | 4 | 809 R Top 3dr |
| 9 | 3.00 | 3.18 | 6.86 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 6 | 809 R Bot 3dr |
| 10 | 3.00 | 2.22 | 4.79 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 4 | 809 Cab Side |
| (2 missing vials) | | | | | | | | | | |
| 13 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 18 | 842 #1 |
| 14 | 3.00 | 2.08 | 4.51 | 0.00 | 0.00 | 4.32 | 0.000 | 594. | 11 | |
| 15 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 7 | |
| 16 | 3.00 | 0.83 | 1.37 | 1.41 | 1.60 | 0.00 | 232.86 | 599. | 7 | |
| 17 | 3.00 | 4.34 | 9.08 | 1.56 | 1.38 | 0.32 | 0.000 | 579. | 6 | |
| 18 | 3.00 | 2.83 | 5.09 | 3.44 | 3.82 | 0.00 | 35.280 | 596. | 5 | |
| 19 | 3.00 | 3.29 | 7.19 | 0.00 | 0.00 | 1.65 | 0.000 | 587. | 7 | |
| 20 | 3.00 | 3.08 | 6.60 | 0.52 | 0.26 | 0.00 | 0.000 | 582. | 5 | |
| 21 | 3.00 | 2.47 | 5.33 | 0.47 | 0.27 | 0.00 | 17.057 | 571. | 5 | |
| 22 | 3.00 | 0.08 | 0.17 | 0.00 | 0.00 | 0.98 | 0.000 | 587. | 11 | |
| 23 | 3.00 | 4.15 | 9.01 | 0.00 | 0.00 | 0.32 | 0.000 | 593. | 4 | |
| 24 | 3.00 | 2.20 | 4.76 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 2 | |
| 25 | 3.00 | 0.10 | 0.06 | 0.50 | 0.60 | 0.32 | 90.344 | 588. | 6 | |
| 26 | 3.00 | 3.56 | 7.65 | 0.10 | 0.00 | 2.65 | 0.000 | 599. | 2 | |
| 27 | 3.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.98 | 0.000 | 603. | 7 | |
| 28 | 3.00 | 0.74 | 1.67 | 0.00 | 0.00 | 0.00 | 0.000 | 560. | 11 | |
| 29 | 3.00 | 1.08 | 2.00 | 1.13 | 1.24 | 0.00 | 136.13 | 594. | 9 | |
| 30 | 3.00 | 5.42 | 11.80 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 7 | |
| 31 | 3.00 | 2.13 | 4.61 | 0.00 | 0.00 | 0.00 | 134.62 | 597. | 6 | |
| 32 | 3.00 | 0.00 | 0.00 | 2.06 | 2.49 | 1.32 | 122.17 | 604. | 6 | |
| 33 | 3.00 | 2.44 | 4.57 | 2.55 | 2.80 | 0.00 | 104.17 | 580. | 2 | |
| 34 | 3.00 | 2.49 | 4.14 | 4.13 | 4.71 | 0.00 | 65.648 | 597. | 3 | |
| 35 | 3.00 | 0.09 | 0.19 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 13 | |
| 36 | 3.00 | 5.13 | 11.27 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 5 | |
| 37 | 3.00 | 5.13 | 11.23 | 0.13 | 0.00 | 0.00 | 26.008 | 581. | 5 | |
| 38 | 3.00 | 4.80 | 10.01 | 1.47 | 1.21 | 0.00 | 30.306 | 590. | 5 | |
| 39 | 3.00 | 3.82 | 8.30 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 4 | |
| 40 | 3.00 | 2.73 | 5.96 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 9 | |
| 41 | 3.00 | 3.09 | 6.37 | 1.24 | 1.13 | 0.00 | 21.984 | 586. | 2 | |
| 42 | 3.00 | 2.39 | 5.24 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 7 | |
| 43 | 3.00 | 4.43 | 9.67 | 0.00 | 0.00 | 0.00 | 19.640 | 589. | 5 | |
| 44 | 3.00 | 0.38 | 0.00 | 3.13 | 3.75 | 0.00 | 127.40 | 582. | 10 | |
| 45 | 3.00 | 0.00 | 0.00 | 0.04 | 0.04 | 0.98 | 0.000 | 608. | 15 | |
| 46 | 3.00 | 3.83 | 8.21 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 9 | |
| 47 | 3.00 | 1.89 | 3.85 | 0.69 | 0.61 | 0.00 | 57.457 | 602. | 7 | 842 #35 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-----|------|------|-------|------|------|------|--------|------|-----|--------|
| 48 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 3 | 842#36 |
| 49 | 3.00 | 0.00 | 0.00 | 1.34 | 1.62 | 0.00 | 66.771 | 603. | 4 | |
| 50 | 3.00 | 4.84 | 9.67 | 2.84 | 2.87 | 1.32 | 64.532 | 590. | 0 | |
| 51 | 3.00 | 0.00 | 0.00 | 5.47 | 6.60 | 1.65 | 78.887 | 608. | 6 | |
| 52 | 3.00 | 4.52 | 9.69 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 2. | |
| 53 | 3.00 | 0.59 | 0.91 | 1.29 | 1.49 | 0.98 | 25.721 | 570. | 9 | |
| 54 | 3.00 | 3.49 | 7.51 | 0.00 | 0.00 | 3.65 | 0.000 | 604. | 4 | |
| 55 | 3.00 | 0.00 | 0.00 | 0.80 | 0.97 | 2.98 | 0.000 | 602. | 7 | |
| 56 | 3.00 | 2.14 | 4.63 | 0.00 | 0.00 | 0.00 | 52.496 | 600. | 8 | |
| 57 | 3.00 | 1.55 | 2.60 | 2.36 | 2.67 | 0.00 | 66.326 | 609. | 7 | |
| 58 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 | 0.000 | 602. | 9 | |
| 59 | 3.00 | 0.27 | 0.59 | 0.00 | 0.00 | 0.00 | 0.000 | 610. | 4 | |
| 60 | 3.00 | 0.16 | 0.35 | 0.00 | 0.00 | 0.32 | 0.000 | 603. | 4 | |
| 61 | 3.00 | 0.60 | 1.30 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 4 | |
| 62 | 3.00 | 5.19 | 11.15 | 0.00 | 0.00 | 0.32 | 0.000 | 605. | 2. | |
| 63 | 3.00 | 1.80 | 3.83 | 0.13 | 0.00 | 0.65 | 0.000 | 604. | 6 | |
| 64 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 18 | |
| 65 | 3.00 | 0.00 | 0.00 | 0.64 | 0.77 | 0.00 | 0.000 | 606. | 9 | |
| 66 | 3.00 | 0.41 | 0.54 | 1.13 | 1.32 | 0.32 | 135.23 | 605. | 9 | |
| 67 | 3.00 | 4.08 | 8.89 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 7 | |
| 68 | 3.00 | 0.00 | 0.00 | 3.08 | 3.72 | 0.32 | 126.79 | 602. | 10 | |
| 69 | 3.00 | 0.49 | 1.07 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 4 | |
| 70 | 3.00 | 1.52 | 3.30 | 0.00 | 0.00 | 1.65 | 112.91 | 594. | 2 | |
| 71 | 3.00 | 0.00 | 0.00 | 0.37 | 0.45 | 0.32 | 0.000 | 601. | 8 | |
| 72 | 3.00 | 2.77 | 6.00 | 0.00 | 0.00 | 0.65 | 0.000 | 596. | 8. | |
| 73 | 3.00 | 0.00 | 0.00 | 2.47 | 2.98 | 0.98 | 130.38 | 604. | 6 | |
| 74 | 3.00 | 1.15 | 2.46 | 0.00 | 0.00 | 0.00 | 50.113 | 608. | 12 | |
| 75 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 8 | |
| 76 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 15 | |
| 77 | 3.00 | 0.59 | 1.27 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 2 | |
| 78 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 9 | |
| 79 | 3.00 | 1.84 | 3.64 | 1.15 | 1.18 | 0.00 | 23.091 | 591. | 2 | |
| 80 | 3.00 | 2.47 | 5.29 | 0.00 | 0.00 | 0.00 | 132.91 | 606. | 6 | |
| 81 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 10 | |
| 82 | 3.00 | 1.13 | 1.91 | 1.80 | 2.04 | 0.65 | 26.796 | 595. | 5. | |
| 83 | 3.00 | 0.76 | 1.65 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 10 | |
| 84 | 3.00 | 2.95 | 6.55 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 9 | |
| 85 | 3.00 | 2.23 | 4.78 | 0.00 | 0.00 | 1.98 | 0.000 | 608. | 6 | |
| 86 | 3.00 | 0.81 | 1.75 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 11 | |
| 87 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 11 | |
| 88 | 3.00 | 2.47 | 5.27 | 0.13 | 0.00 | 0.00 | 57.160 | 602. | 5 | |
| 89 | 3.00 | 1.83 | 3.97 | 0.00 | 0.00 | 2.32 | 69.177 | 593. | 4 | |
| 90 | 3.00 | 0.76 | 1.65 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 15 | |
| 91 | 3.00 | 1.16 | 2.51 | 0.00 | 0.00 | 0.98 | 20.853 | 598. | 6 | |
| 92 | 3.00 | 2.49 | 5.24 | 0.47 | 0.28 | 0.00 | 14.490 | 600. | 4. | |
| 93 | 3.00 | 0.00 | 0.00 | 0.13 | 0.16 | 0.00 | 62.204 | 594. | 15 | |
| 94 | 3.00 | 4.18 | 9.05 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 4 | |
| 95 | 3.00 | 1.72 | 3.29 | 1.47 | 1.57 | 0.00 | 69.492 | 591. | 10 | |
| 96 | 3.00 | 0.86 | 1.84 | 0.00 | 0.00 | 0.98 | 261.23 | 604. | 2 | |
| 97 | 3.00 | 0.41 | 0.89 | 0.00 | 0.00 | 0.00 | 74.066 | 602. | 10 | |
| 98 | 3.00 | 0.61 | 0.98 | 1.05 | 1.19 | 0.00 | 59.162 | 622. | 2 | |
| 99 | 3.00 | 2.08 | 4.49 | 0.00 | 0.00 | 0.32 | 119.55 | 599. | 9 | |
| 100 | 3.00 | 0.74 | 1.61 | 0.00 | 0.00 | 0.65 | 52.522 | 595. | 10 | |
| 101 | 3.00 | 1.03 | 1.23 | 3.29 | 3.85 | 0.00 | 18.520 | 603. | 2 | |
| 102 | 3.00 | 0.89 | 1.82 | 0.32 | 0.28 | 0.00 | 11.550 | 604. | 9. | |
| 103 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 114.64 | 581. | 10 | 842#91 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-----|---------|
| 104 | 3.00 | 4.05 | 8.53 | 1.21 | 0.99 | 0.65 | 0.000 | 582. | 5 | 824#92 |
| 105 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 8 | |
| 106 | 3.00 | 0.00 | 0.00 | 1.80 | 2.18 | 0.00 | 65.868 | 605. | 6 | |
| 107 | 3.00 | 2.80 | 6.07 | 0.00 | 0.00 | 0.32 | 0.000 | 595. | 6 | |
| 108 | 3.00 | 2.90 | 5.70 | 1.70 | 1.72 | 0.00 | 21.375 | 608. | 5 | |
| 109 | 3.00 | 3.02 | 6.52 | 0.19 | 0.00 | 2.98 | 35.511 | 589. | 8 | |
| 110 | 3.00 | 1.80 | 3.90 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 7 | 842#98 |
| (2 missing vials) | | | | | | | | | | |
| 113 | 3.00 | 3.33 | 7.33 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 10 | 732#1 |
| 114 | 3.00 | 0.00 | 0.00 | 1.13 | 1.37 | 0.00 | 153.36 | 584. | 6 | ↓ |
| 115 | 3.00 | 1.68 | 3.67 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 10 | Re- |
| 116 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 6 | Counted |
| 117 | 3.00 | 0.00 | 0.00 | 0.16 | 0.20 | 2.65 | 94.029 | 589. | 12 | With |
| 118 | 3.00 | 3.75 | 8.00 | 0.60 | 0.29 | 0.00 | 46.392 | 587. | 0 | Remaind |
| 119 | 3.00 | 1.13 | 2.47 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 2 | of |
| 120 | 3.00 | 2.07 | 4.57 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 2 | Room |
| 121 | 3.00 | 0.00 | 0.00 | 3.52 | 4.25 | 0.00 | 58.451 | 590. | 4 | Samples |
| 122 | 3.00 | 5.48 | 11.02 | 2.79 | 2.73 | 0.65 | 18.553 | 596. | 4 | |
| 123 | 3.00 | 1.06 | 2.31 | 0.00 | 0.00 | 0.32 | 0.000 | 591. | 10 | |
| 124 | 3.00 | 1.05 | 2.27 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 15 | |
| 125 | 3.00 | 0.38 | 0.18 | 2.13 | 2.54 | 0.32 | 248.09 | 587. | 10 | |
| 126 | 3.00 | 2.46 | 5.09 | 0.78 | 0.66 | 3.98 | 12.756 | 597. | 7 | |
| 127 | 3.00 | 3.52 | 7.61 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 8 | |
| 128 | 3.00 | 2.11 | 4.58 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 6 | |
| 129 | 3.00 | 2.33 | 4.81 | 0.96 | 0.89 | 0.32 | 54.320 | 585. | 4 | |
| 130 | 3.00 | 1.99 | 3.79 | 1.89 | 2.05 | 2.32 | 16.250 | 580. | 8 | |
| 131 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 9 | |
| 132 | 3.00 | 0.00 | 0.00 | 0.47 | 0.57 | 0.00 | 0.000 | 593. | 7 | |
| 133 | 3.00 | 5.05 | 10.93 | 0.00 | 0.00 | 0.00 | 10.132 | 597. | 9 | |
| 134 | 3.00 | 0.38 | 0.83 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 13 | |
| 135 | 3.00 | 1.41 | 3.05 | 0.13 | 0.00 | 0.00 | 123.95 | 583. | 9 | |
| 136 | 3.00 | 0.76 | 1.60 | 0.18 | 0.12 | 0.00 | 0.000 | 587. | 6 | |
| 137 | 3.00 | 0.00 | 0.00 | 1.05 | 1.26 | 0.98 | 0.000 | 597. | 8 | |
| 138 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 9 | |
| 139 | 3.00 | 0.00 | 0.00 | 1.88 | 2.27 | 0.00 | 261.06 | 588. | 12 | |
| 140 | 3.00 | 2.08 | 4.20 | 1.13 | 1.13 | 3.65 | 143.05 | 584. | 8 | |
| 141 | 3.00 | 2.68 | 5.87 | 0.00 | 0.00 | 0.65 | 0.000 | 584. | 6 | |
| 142 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 16 | |
| 143 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.32 | 0.000 | 585. | 11 | |
| 144 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 11 | |
| 145 | 3.00 | 0.61 | 1.34 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 14 | |
| 146 | 3.00 | 0.37 | 0.56 | 0.81 | 0.94 | 0.00 | 97.542 | 592. | 11 | |
| 147 | 3.00 | 1.36 | 1.90 | 3.47 | 4.03 | 0.00 | 68.904 | 585. | 11 | |
| 148 | 3.00 | 0.14 | 0.00 | 2.49 | 2.99 | 0.00 | 92.341 | 593. | 4 | |
| 149 | 3.00 | 2.45 | 5.32 | 0.00 | 0.00 | 1.32 | 0.000 | 595. | 8 | |
| 150 | 3.00 | 0.11 | 0.00 | 0.90 | 1.07 | 0.55 | 345.48 | 595. | 8 | |
| 151 | 3.00 | 0.00 | 0.00 | 2.33 | 2.81 | 0.00 | 695.45 | 604. | 21 | |
| 152 | 3.00 | 1.53 | 3.27 | 0.07 | 0.00 | 0.00 | 29.452 | 603. | 6 | |
| 153 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 13 | |
| 154 | 3.00 | 2.60 | 5.07 | 1.72 | 1.78 | 0.65 | 56.221 | 605. | 2 | |
| 155 | 3.00 | 3.23 | 6.95 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 4 | |
| 156 | 3.00 | 1.48 | 3.17 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 12 | |
| 157 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 17 | |
| 158 | 3.00 | 4.49 | 9.64 | 0.14 | 0.00 | 0.00 | 26.116 | 602. | 3 | |
| 159 | 3.00 | 0.83 | 1.77 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 5 | |
| 160 | 3.00 | 0.54 | 1.03 | 0.40 | 0.42 | 0.32 | 117.39 | 604. | 6 | |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-----|------|------|-------|------|------|------|--------|------|-----|--------|
| 161 | 3.00 | 0.16 | 0.33 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 10 | |
| 162 | 3.00 | 3.94 | 8.42 | 0.03 | 0.00 | 0.00 | 20.054 | 609. | 3 | |
| 163 | 3.00 | 2.60 | 4.80 | 2.62 | 2.86 | 0.00 | 32.089 | 603. | 8 | |
| 164 | 3.00 | 5.26 | 11.31 | 0.00 | 0.00 | 0.00 | 14.406 | 604. | 2 | |
| 165 | 3.00 | 6.65 | 14.52 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 6 | |
| 166 | 3.00 | 3.76 | 7.83 | 1.14 | 0.94 | 0.00 | 0.000 | 593. | 6 | |
| 167 | 3.00 | 1.16 | 2.51 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 5 | |
| 168 | 3.00 | 3.96 | 8.32 | 0.69 | 0.38 | 0.65 | 17.157 | 602. | 2 | |
| 169 | 3.00 | 2.83 | 6.06 | 0.13 | 0.00 | 0.00 | 27.431 | 599. | 4 | |
| 170 | 3.00 | 3.20 | 5.79 | 3.70 | 4.10 | 1.32 | 63.340 | 601. | 6 | |
| 171 | 3.00 | 4.33 | 8.92 | 1.35 | 1.13 | 0.00 | 65.892 | 603. | 0 | |
| 172 | 3.00 | 3.47 | 7.46 | 0.00 | 0.00 | 0.00 | 89.350 | 603. | 6 | |
| 173 | 3.00 | 3.02 | 6.49 | 0.00 | 0.00 | 0.00 | 3.474 | 606. | 2 | |
| 174 | 3.00 | 5.08 | 10.49 | 1.47 | 1.19 | 0.00 | 31.885 | 603. | 7 | |
| 175 | 3.00 | 0.89 | 1.89 | 0.00 | 0.00 | 0.00 | 71.553 | 613. | 10 | |
| 176 | 3.00 | 2.19 | 4.20 | 2.02 | 2.19 | 0.00 | 12.076 | 576. | 8 | |
| 177 | 3.00 | 0.00 | 0.00 | 0.13 | 0.16 | 0.00 | 0.000 | 603. | 12 | |
| 178 | 3.00 | 0.90 | 1.01 | 3.06 | 3.59 | 0.98 | 90.669 | 604. | 3 | |
| 179 | 3.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.000 | 609. | 17 | |
| 180 | 3.00 | 0.85 | 1.63 | 0.66 | 0.70 | 0.00 | 3.971 | 604. | 11 | |
| 181 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 15 | |
| 182 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 | 0.000 | 588. | 20 | |
| 183 | 3.00 | 1.72 | 3.70 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 12 | |
| 184 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.65 | 0.000 | 608. | 13 | |
| 185 | 3.00 | 0.49 | 1.06 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 11 | |
| 186 | 3.00 | 0.00 | 0.00 | 2.89 | 3.50 | 0.00 | 105.96 | 587. | 18 | |
| 187 | 3.00 | 2.14 | 4.62 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 8 | |
| 188 | 3.00 | 1.49 | 3.21 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 4 | |
| 189 | 3.00 | 0.36 | 0.76 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 14 | |
| 190 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 | 0.000 | 604. | 2 | |
| 191 | 3.00 | 0.00 | 0.00 | 1.39 | 1.68 | 0.32 | 0.000 | 605. | 4 | |
| 192 | 3.00 | 1.74 | 3.73 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 15 | 732#80 |

Lakeside 732, 829B, 829C, 218MSB

Protocol #:26 Name:Decommissioning2 13-Jul-2004 10:32
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|---------|
| 1 | 10.00 | 6.80 | | 10.58 | | 7.90 | 69.696 | 578. | 8 | B |
| 2 | 3.00 | 16619.9 | 655.84 | 114839. | 133697. | 543.05 | 161.92 | 1003 | 0 | E |
| 3 | 3.00 | 104743. | 170749. | 8221.20 | 0.00 | 3.43 | 19.999 | 1004 | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 | 0.000 | 992. | 17 | E |
| (2 missing vials) | | | | | | | | | | |
| 7 | 3.00 | 0.68 | 1.33 | 0.52 | 0.55 | 0.00 | 0.000 | 577. | 6 | 732 #1 |
| 8 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10 | 0.000 | 586. | 7 | |
| 9 | 3.00 | 1.42 | 3.08 | 0.00 | 0.00 | 2.43 | 0.000 | 593. | 8 | |
| 10 | 3.00 | 0.37 | 0.57 | 0.80 | 0.92 | 1.77 | 0.000 | 586. | 7 | |
| 11 | 3.00 | 2.71 | 5.81 | 0.52 | 0.30 | 1.43 | 27.627 | 578. | 3 | |
| 12 | 3.00 | 2.22 | 4.49 | 1.26 | 1.26 | 0.43 | 63.406 | 580. | 8 | |
| 13 | 3.00 | 2.34 | 5.17 | 0.00 | 0.00 | 0.17 | 0.000 | 577. | 5 | |
| 14 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 2 | |
| 15 | 3.00 | 3.67 | 8.04 | 0.00 | 0.00 | 0.10 | 0.000 | 585. | 2 | |
| 16 | 3.00 | 3.77 | 8.20 | 0.00 | 0.00 | 0.43 | 0.000 | 592. | 5 | |
| 17 | 3.00 | 2.45 | 5.35 | 0.00 | 0.00 | 5.10 | 0.000 | 584. | 2 | |
| 18 | 3.00 | 0.06 | 0.13 | 0.00 | 0.00 | 0.00 | 168.98 | 592. | 8 | |
| 19 | 3.00 | 0.37 | 0.81 | 0.00 | 0.00 | 2.43 | 0.000 | 594. | 11 | |
| 20 | 3.00 | 0.00 | 0.00 | 1.08 | 1.30 | 0.43 | 0.000 | 595. | 16 | |
| 21 | 3.00 | 0.36 | 0.25 | 1.75 | 2.08 | 1.10 | 92.869 | 593. | 10 | |
| 22 | 3.00 | 0.08 | 0.00 | 0.79 | 0.94 | 0.43 | 0.000 | 592. | 6 | |
| 23 | 3.00 | 4.03 | 8.73 | 0.15 | 0.00 | 1.77 | 0.000 | 589. | 6 | |
| 24 | 3.00 | 0.12 | 0.00 | 1.08 | 1.30 | 1.43 | 0.000 | 576. | 6 | |
| 25 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 9 | |
| 26 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 10 | |
| 27 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 11 | |
| 28 | 3.00 | 1.42 | 3.12 | 0.00 | 0.00 | 0.10 | 0.000 | 583. | 8 | |
| 29 | 3.00 | 2.16 | 4.79 | 0.00 | 0.00 | 2.10 | 0.000 | 573. | 7 | |
| 30 | 3.00 | 0.00 | 0.00 | 0.47 | 0.57 | 1.77 | 0.000 | 590. | 12 | |
| 31 | 3.00 | 0.63 | 0.86 | 1.66 | 1.93 | 0.21 | 3.086 | 592. | 13 | |
| 32 | 3.00 | 1.12 | 2.47 | 0.00 | 0.00 | 2.08 | 0.000 | 574. | 6 | |
| 33 | 3.00 | 0.00 | 0.00 | 0.08 | 0.10 | 0.00 | 0.000 | 577. | 6 | |
| 34 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 | 0.000 | 571. | 9 | |
| 35 | 3.00 | 0.66 | 1.44 | 0.00 | 0.00 | 4.10 | 0.000 | 577. | 0 | |
| 36 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 18 | |
| 37 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 0 | |
| 38 | 3.00 | 1.78 | 3.85 | 0.00 | 0.00 | 0.97 | 0.000 | 595. | 8 | |
| 39 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 11 | |
| 40 | 3.00 | 0.00 | 0.00 | 0.85 | 1.03 | 1.77 | 0.000 | 586. | 8 | |
| 41 | 3.00 | 0.59 | 1.23 | 0.24 | 0.23 | 0.10 | 0.000 | 581. | 7 | |
| 42 | 3.00 | 0.00 | 0.00 | 1.15 | 1.39 | 0.00 | 218.60 | 588. | 7 | |
| 43 | 3.00 | 1.58 | 3.44 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 12 | |
| 44 | 3.00 | 2.17 | 4.71 | 0.00 | 0.00 | 0.77 | 0.000 | 594. | 2 | |
| 45 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 17 | |
| 46 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 12 | |
| 47 | 3.00 | 0.12 | 0.25 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 7 | 732 #41 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-----|------|------|-------|------|------|------|--------|------|------|--------|
| 48 | 3.00 | 3.12 | 6.69 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 5732 | #42 |
| 49 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 | 0.000 | 597. | 12 | |
| 50 | 3.00 | 0.14 | 0.30 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 10 | |
| 51 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.10 | 0.000 | 601. | 14 | |
| 52 | 3.00 | 0.73 | 1.56 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 10 | |
| 53 | 3.00 | 1.23 | 2.65 | 0.00 | 0.00 | 1.10 | 0.000 | 602. | 2 | |
| 54 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 11 | |
| 55 | 3.00 | 1.88 | 4.04 | 0.00 | 0.00 | 0.77 | 0.000 | 601. | 11 | |
| 56 | 3.00 | 2.09 | 4.49 | 0.08 | 0.00 | 0.00 | 103.33 | 599. | 7 | |
| 57 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 14 | |
| 58 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 10 | |
| 59 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 | 0.000 | 589. | 10 | |
| 60 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.43 | 0.000 | 593. | 18 | |
| 61 | 3.00 | 0.43 | 0.93 | 0.00 | 0.00 | 0.10 | 0.000 | 597. | 10 | |
| 62 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 9 | |
| 63 | 3.00 | 2.81 | 5.95 | 0.42 | 0.18 | 0.43 | 0.000 | 599. | 3 | |
| 64 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 12 | |
| 65 | 3.00 | 0.76 | 1.60 | 0.08 | 0.01 | 0.77 | 214.22 | 605. | 7 | |
| 66 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.77 | 0.000 | 596. | 17 | |
| 67 | 3.00 | 0.64 | 1.39 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 16 | |
| 68 | 3.00 | 1.46 | 2.94 | 0.68 | 0.66 | 0.00 | 29.182 | 604. | 8 | |
| 69 | 3.00 | 0.00 | 0.00 | 0.97 | 1.17 | 0.00 | 0.000 | 609. | 9 | |
| 70 | 3.00 | 0.20 | 0.45 | 0.00 | 0.00 | 1.77 | 0.000 | 546. | 2 | |
| 71 | 3.00 | 3.42 | 7.39 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 8 | |
| 72 | 3.00 | 1.12 | 2.40 | 0.00 | 0.00 | 0.10 | 0.000 | 604. | 6 | |
| 73 | 3.00 | 2.48 | 5.35 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 4 | |
| 74 | 3.00 | 1.51 | 3.24 | 0.00 | 0.00 | 2.10 | 0.000 | 607. | 8 | |
| 75 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.10 | 0.000 | 589. | 11 | |
| 76 | 3.00 | 2.06 | 4.53 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 4 | |
| 77 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 16 | |
| 78 | 3.00 | 2.74 | 5.03 | 2.79 | 3.06 | 0.00 | 37.654 | 608. | 5 | |
| 79 | 3.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 17 | |
| 80 | 3.00 | 0.00 | 0.00 | 1.24 | 1.50 | 2.10 | 0.000 | 581. | 14 | |
| 81 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 18 | |
| 82 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 599. | 19 | |
| 83 | 3.00 | 2.07 | 4.36 | 0.41 | 0.26 | 0.10 | 9.567 | 595. | 8 | |
| 84 | 3.00 | 0.66 | 1.42 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 17 | |
| 85 | 3.00 | 1.70 | 3.15 | 1.75 | 1.92 | 0.00 | 9.694 | 597. | 9 | |
| 86 | 3.00 | 3.48 | 7.49 | 0.00 | 0.00 | 0.00 | 0.000 | 602. | 7 | |
| 87 | 3.00 | 0.00 | 0.00 | 1.81 | 2.19 | 0.10 | 100.26 | 589. | 11 | |
| 88 | 3.00 | 0.81 | 1.42 | 1.08 | 1.22 | 1.10 | 0.000 | 601. | 4 | |
| 89 | 3.00 | 1.12 | 1.90 | 1.64 | 1.85 | 0.10 | 66.838 | 610. | 11 | |
| 90 | 3.00 | 3.63 | 7.31 | 1.54 | 1.44 | 5.10 | 0.000 | 609. | 6 | |
| 91 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.000 | 602. | 13 | |
| 92 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.10 | 0.000 | 592. | 21 | |
| 93 | 3.00 | 4.19 | 8.50 | 1.68 | 1.54 | 0.00 | 0.000 | 604. | 4 | |
| 94 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.43 | 0.000 | 607. | 10 | |
| 95 | 3.00 | 2.28 | 3.89 | 3.42 | 3.86 | 2.10 | 52.860 | 599. | 12 | |
| 96 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.10 | 0.000 | 583. | 17 | |
| 97 | 3.00 | 1.67 | 3.63 | 0.00 | 0.00 | 1.10 | 0.000 | 592. | 14 | |
| 98 | 3.00 | 1.58 | 3.51 | 0.00 | 0.00 | 0.77 | 0.000 | 570. | 13 | |
| 99 | 3.00 | 3.78 | 8.19 | 0.42 | 0.06 | 0.77 | 0.000 | 581. | 5 | |
| 100 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 20 | |
| 101 | 3.00 | 0.93 | 1.99 | 0.00 | 0.00 | 0.77 | 0.000 | 616. | 17 | |
| 102 | 3.00 | 5.42 | 11.78 | 0.11 | 0.00 | 3.43 | 0.000 | 589. | 5 | |
| 103 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 36 | 732#97 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-----|-------------|
| 104 | 3.00 | 0.78 | 0.97 | 2.36 | 2.76 | 0.00 | 33.400 | 602. | 8 | 732 #98 |
| 105 | 3.00 | 0.00 | 0.00 | 0.08 | 0.10 | 4.10 | 0.000 | 580. | 14 | |
| 06 | 3.00 | 2.42 | 5.26 | 0.00 | 0.00 | 2.10 | 0.000 | 593. | 7 | |
| 07 | 3.00 | 1.45 | 3.17 | 0.00 | 0.00 | 1.10 | 0.000 | 585. | 2 | |
| 108 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 4 | |
| 109 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.10 | 0.000 | 597. | 21 | |
| 110 | 3.00 | 3.12 | 6.76 | 0.00 | 0.00 | 0.77 | 62.589 | 595. | 5 | |
| 111 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.77 | 0.000 | 595. | 10 | |
| 112 | 3.00 | 0.00 | 0.00 | 0.40 | 0.48 | 0.00 | 0.000 | 597. | 21 | |
| 113 | 3.00 | 4.07 | 8.68 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 4 | |
| 114 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.43 | 0.000 | 595. | 23 | 732108 |
| 115 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10 | 0.000 | 573. | 24 | 732 109 Vac |
| 116 | 3.00 | 0.00 | 0.00 | 1.24 | 1.50 | 0.00 | 17.971 | 570. | 15 | 732 110 Vac |
| 117 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 558. | 12 | 732 Equip 1 |
| 118 | 3.00 | 0.00 | 0.00 | 0.75 | 0.91 | 1.77 | 0.000 | 583. | 14 | 732 Equip 2 |
| 119 | 3.00 | 1.00 | 2.20 | 0.00 | 0.00 | 0.43 | 0.000 | 580. | 7 | 732 Equip 3 |
| (1 missing vial) | | | | | | | | | | |
| 121 | 3.00 | 0.04 | 0.00 | 1.80 | 2.17 | 2.10 | 6.988 | 587. | 7 | 829B #1 |
| 122 | 3.00 | 1.30 | 1.28 | 5.15 | 6.07 | 0.00 | 49.272 | 584. | 8 | |
| 123 | 3.00 | 1.60 | 3.45 | 0.00 | 0.00 | 2.10 | 0.000 | 605. | 6 | |
| 124 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.000 | 590. | 14 | |
| 125 | 3.00 | 0.03 | 0.06 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 11 | |
| 126 | 3.00 | 1.12 | 1.89 | 1.75 | 1.99 | 2.43 | 0.000 | 595. | 5 | |
| 127 | 3.00 | 0.00 | 0.00 | 0.76 | 0.92 | 2.10 | 124.86 | 592. | 11 | |
| 128 | 3.00 | 0.00 | 0.00 | 0.51 | 0.61 | 0.00 | 0.000 | 579. | 8 | |
| 129 | 3.00 | 0.31 | 0.65 | 0.08 | 0.06 | 0.10 | 0.000 | 599. | 14 | |
| 130 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 17 | |
| 31 | 3.00 | 1.78 | 3.63 | 0.76 | 0.71 | 0.10 | 0.000 | 592. | 5 | |
| 32 | 3.00 | 0.00 | 0.00 | 0.39 | 0.47 | 4.10 | 178.39 | 598. | 11 | |
| 133 | 3.00 | 1.30 | 2.80 | 0.12 | 0.00 | 1.10 | 0.000 | 592. | 12 | |
| 134 | 3.00 | 0.81 | 1.79 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 5 | |
| 135 | 3.00 | 1.88 | 4.25 | 0.00 | 0.00 | 0.00 | 0.000 | 551. | 8 | |
| 136 | 3.00 | 0.00 | 0.00 | 2.08 | 2.52 | 0.00 | 42.129 | 573. | 10 | |
| 137 | 3.00 | 2.45 | 5.47 | 0.00 | 0.00 | 1.77 | 0.000 | 565. | 6 | |
| 138 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.23 | 0.000 | 588. | 10 | |
| 139 | 3.00 | 0.00 | 0.00 | 0.08 | 0.10 | 0.43 | 0.000 | 594. | 16 | |
| 140 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 569. | 2 | 829B #20 |
| (2 missing vials) | | | | | | | | | | |
| 143 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.000 | 582. | 11 | 829C #1 |
| 144 | 3.00 | 0.78 | 1.71 | 0.00 | 0.00 | 1.10 | 0.000 | 588. | 7 | |
| 145 | 3.00 | 5.07 | 10.99 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 8 | |
| 146 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 | 0.000 | 578. | 9 | |
| 147 | 3.00 | 0.73 | 1.60 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 9 | |
| 148 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 7 | |
| 149 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 11 | |
| 150 | 3.00 | 2.55 | 5.62 | 0.00 | 0.00 | 0.00 | 0.000 | 578. | 7 | |
| 151 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 14 | |
| 152 | 3.00 | 0.00 | 0.00 | 3.42 | 4.14 | 1.10 | 0.689 | 565. | 11 | |
| 153 | 3.00 | 2.81 | 6.09 | 0.00 | 0.00 | 0.43 | 0.000 | 596. | 4 | |
| 154 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.77 | 0.000 | 602. | 2 | |
| 155 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 8 | |
| 156 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.10 | 0.000 | 573. | 11 | |
| 157 | 3.00 | 0.26 | 0.59 | 0.00 | 0.00 | 0.00 | 0.000 | 564. | 7 | |
| 58 | 3.00 | 2.78 | 5.66 | 2.03 | 2.12 | 0.77 | 41.855 | 550. | 8 | |
| 159 | 3.00 | 0.00 | 0.00 | 1.42 | 1.71 | 1.43 | 0.000 | 574. | 2 | |
| 160 | 3.00 | 3.36 | 7.09 | 1.17 | 1.02 | 3.77 | 5.108 | 572. | 5 | 829C #18 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|------|------|------|------|--------|------|-----|----------|
| 161 | 3.00 | 0.00 | 0.00 | 0.59 | 0.71 | 0.00 | 0.000 | 567. | 6 | 829C #19 |
| 162 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 15 | |
| 163 | 3.00 | 2.98 | 6.60 | 0.00 | 0.00 | 3.77 | 0.000 | 572. | 5 | |
| 164 | 3.00 | 0.39 | 0.84 | 0.08 | 0.05 | 0.10 | 146.12 | 577. | 9 | |
| 165 | 3.00 | 0.48 | 0.31 | 2.42 | 2.87 | 0.00 | 3.286 | 583. | 3 | |
| 166 | 3.00 | 1.25 | 2.75 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 7 | |
| 167 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.000 | 583. | 5 | |
| 168 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 14 | 829C #26 |
| (2 missing vials) | | | | | | | | | | |
| 171 | 3.00 | 3.10 | 6.57 | 0.85 | 0.66 | 0.00 | 0.000 | 578. | 0 | 218 #1 |
| 172 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 7 | |
| 173 | 3.00 | 0.26 | 0.28 | 0.92 | 1.08 | 0.00 | 0.000 | 581. | 7 | |
| 174 | 3.00 | 1.50 | 3.25 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 4 | |
| 175 | 3.00 | 0.54 | 1.18 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 12 | |
| 176 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 11 | |
| 177 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.77 | 0.000 | 600. | 5 | |
| 178 | 3.00 | 2.12 | 4.60 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 6 | |
| 179 | 3.00 | 1.43 | 3.12 | 0.00 | 0.00 | 3.77 | 0.000 | 590. | 4 | |
| 180 | 3.00 | 0.00 | 0.00 | 3.80 | 4.59 | 0.10 | 61.261 | 586. | 8 | |
| 181 | 3.00 | 4.51 | 9.10 | 2.08 | 1.99 | 0.77 | 22.978 | 598. | 1 | |
| 182 | 3.00 | 0.00 | 0.00 | 0.42 | 0.50 | 1.77 | 69.748 | 576. | 6 | |
| 183 | 3.00 | 0.42 | 0.91 | 0.00 | 0.00 | 0.10 | 0.000 | 604. | 8 | |
| 184 | 3.00 | 0.73 | 1.59 | 0.00 | 0.00 | 1.10 | 0.000 | 584. | 10 | |
| 185 | 3.00 | 1.67 | 3.01 | 1.89 | 2.09 | 0.77 | 8.740 | 607. | 3 | |
| 186 | 3.00 | 1.18 | 2.60 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 7 | |
| 187 | 3.00 | 0.70 | 1.53 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 10 | |
| 188 | 3.00 | 2.04 | 4.44 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 9 | |
| 189 | 3.00 | 2.43 | 5.29 | 0.00 | 0.00 | 0.10 | 0.000 | 591. | 6 | |
| 190 | 3.00 | 1.64 | 3.57 | 0.00 | 0.00 | 0.43 | 0.000 | 594. | 14 | |
| 191 | 3.00 | 0.78 | 1.72 | 0.00 | 0.00 | 0.10 | 0.000 | 581. | 7 | |
| 192 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 | 0.000 | 586. | 10 | |
| 193 | 3.00 | 0.41 | 0.89 | 0.00 | 0.00 | 1.10 | 0.000 | 597. | 12 | |
| 194 | 3.00 | 2.76 | 6.03 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 7 | |
| 195 | 3.00 | 0.00 | 0.00 | 2.10 | 2.53 | 1.10 | 51.518 | 592. | 9 | |
| 196 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10 | 0.000 | 588. | 0 | |
| 197 | 3.00 | 0.00 | 0.00 | 1.09 | 1.32 | 0.43 | 20.240 | 605. | 11 | |
| 198 | 3.00 | 0.81 | 1.62 | 0.42 | 0.41 | 0.00 | 0.000 | 600. | 4 | |
| 199 | 3.00 | 3.13 | 6.76 | 0.07 | 0.00 | 0.00 | 0.000 | 595. | 5 | |
| 200 | 3.00 | 0.12 | 0.00 | 3.42 | 4.12 | 0.77 | 74.295 | 595. | 5 | |
| 201 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 8 | |
| 202 | 3.00 | 0.00 | 0.00 | 1.09 | 1.31 | 0.00 | 99.144 | 593. | 15 | |
| 203 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.10 | 0.000 | 601. | 9 | |
| 204 | 3.00 | 0.45 | 0.98 | 0.00 | 0.00 | 0.77 | 0.000 | 594. | 6 | |
| 205 | 3.00 | 0.00 | 0.00 | 0.75 | 0.91 | 0.43 | 0.000 | 601. | 12 | |
| 206 | 3.00 | 0.12 | 0.04 | 0.75 | 0.89 | 0.10 | 0.000 | 594. | 6 | |
| 207 | 3.00 | 0.08 | 0.14 | 0.10 | 0.11 | 0.00 | 0.000 | 592. | 8 | |
| 208 | 3.00 | 1.27 | 2.78 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 8 | |
| 209 | 3.00 | 2.82 | 6.11 | 0.00 | 0.00 | 0.10 | 0.000 | 597. | 5 | 218 #39 |

Lakeside Hosp.

811

Protocol #:26 Name:Decommissioning2 20-Jul-2004 11:40
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|---------|
| 1 | 10.00 | 7.49 | | 10.49 | | 9.95 | 62.398 | 569. | 8 | B |
| 2 | 3.00 | 16662.3 | 824.64 | 114415. | 133256. | 594.46 | 161.35 | 995. | 0 | E |
| 3 | 3.00 | 104587. | 170689. | 8262.19 | 0.00 | 1.72 | 19.940 | 1002 | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 988. | 14 | E |
| (2 missing vials) | | | | | | | | | | |
| 7 | 3.00 | 3.25 | 7.28 | 0.00 | 0.00 | 0.00 | 0.000 | 562. | 4 | 811 #) |
| 8 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.39 | 0.000 | 582. | 15 | |
| 9 | 3.00 | 0.00 | 0.00 | 0.94 | 1.14 | 0.00 | 85.751 | 579. | 15 | |
| 10 | 3.00 | 1.42 | 3.26 | 0.00 | 0.00 | 0.00 | 0.000 | 541. | 6 | |
| 11 | 3.00 | 0.53 | 0.83 | 1.11 | 1.28 | 0.05 | 0.000 | 573. | 4 | |
| 12 | 3.00 | 2.48 | 5.41 | 1.18 | 1.12 | 0.00 | 0.000 | 525. | 2 | |
| 13 | 3.00 | 0.00 | 0.00 | 0.59 | 0.72 | 0.39 | 0.000 | 562. | 14 | |
| 14 | 3.00 | 0.00 | 0.00 | 3.81 | 4.61 | 0.00 | 86.532 | 548. | 19 | |
| 15 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 563. | 11 | |
| 16 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 17 | |
| 17 | 3.00 | 0.00 | 0.00 | 3.18 | 3.85 | 0.00 | 0.000 | 555. | 10 | |
| 18 | 3.00 | 0.07 | 0.00 | 1.18 | 1.42 | 0.00 | 160.56 | 563. | 7 | |
| 19 | 3.00 | 0.14 | 0.09 | 0.72 | 0.85 | 0.39 | 12.874 | 548. | 10 | |
| 20 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 19 | |
| 21 | 3.00 | 0.00 | 0.00 | 1.26 | 1.52 | 0.00 | 0.000 | 582. | 14 | |
| 22 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 8 | |
| 23 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 564. | 6 | |
| 24 | 3.00 | 2.68 | 5.73 | 1.18 | 1.10 | 0.00 | 34.708 | 545. | 9 | |
| 25 | 3.00 | 0.00 | 0.00 | 0.85 | 1.02 | 0.00 | 0.000 | 579. | 10 | |
| 26 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 13 | |
| 27 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 547. | 7 | |
| 28 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 548. | 15 | |
| 29 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 563. | 11 | |
| 30 | 3.00 | 2.43 | 4.07 | 4.34 | 4.96 | 0.00 | 0.000 | 569. | 12 | |
| 31 | 3.00 | 1.29 | 2.89 | 0.00 | 0.00 | 0.00 | 0.000 | 559. | 22 | |
| 32 | 3.00 | 0.81 | 1.27 | 1.69 | 1.95 | 0.00 | 79.672 | 563. | 11 | |
| 33 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 566. | 18 | |
| 34 | 3.00 | 2.91 | 5.92 | 1.95 | 2.01 | 0.00 | 60.557 | 560. | 9 | |
| 35 | 3.00 | 0.00 | 0.00 | 2.52 | 3.05 | 0.00 | 0.000 | 573. | 8 | |
| 36 | 3.00 | 5.04 | 11.24 | 0.00 | 0.00 | 0.00 | 0.000 | 565. | 6 | |
| 37 | 3.00 | 0.06 | 0.14 | 0.00 | 0.00 | 0.00 | 0.000 | 554. | 13 | |
| 38 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 30 | |
| 39 | 3.00 | 0.28 | 0.61 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 7 | |
| 40 | 3.00 | 0.00 | 0.00 | 0.51 | 0.62 | 0.00 | 1529.7 | 577. | 7 | |
| 41 | 3.00 | 0.13 | 0.08 | 0.65 | 0.77 | 0.39 | 0.000 | 583. | 15 | |
| 42 | 3.00 | 0.05 | 0.11 | 0.00 | 0.00 | 1.62 | 0.000 | 547. | 14 | |
| 43 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 11 | |
| 44 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 565. | 25 | |
| 45 | 3.00 | 1.65 | 3.70 | 0.00 | 0.00 | 0.00 | 0.000 | 560. | 12 | |
| 46 | 3.00 | 0.73 | 1.56 | 0.18 | 0.13 | 0.00 | 0.000 | 578. | 7 | |
| 47 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 10 | 811 #41 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|------|------|------|------|--------|------|-----|----------|
| 48 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.000 | 561. | 4 | 811 # 43 |
| 49 | 3.00 | 3.71 | 7.82 | 0.85 | 0.59 | 0.00 | 0.000 | 590. | 7 | |
| 50 | 3.00 | 2.35 | 5.18 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 10 | |
| 51 | 3.00 | 0.62 | 1.37 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 7 | |
| 52 | 3.00 | 2.01 | 4.07 | 1.51 | 1.59 | 0.00 | 0.000 | 554. | 9 | |
| 53 | 3.00 | 1.82 | 3.91 | 0.00 | 0.00 | 0.00 | 0.000 | 605. | 17 | |
| 54 | 3.00 | 1.01 | 2.08 | 0.51 | 0.50 | 0.39 | 64.021 | 575. | 10 | |
| 55 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.000 | 599. | 25 | |
| 56 | 3.00 | 0.00 | 0.00 | 0.99 | 1.19 | 0.00 | 0.000 | 572. | 8 | |
| 57 | 3.00 | 0.04 | 0.09 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 10 | |
| 58 | 3.00 | 0.73 | 1.39 | 0.85 | 0.94 | 0.00 | 35.018 | 552. | 7 | |
| 59 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 553. | 13 | |
| 60 | 3.00 | 1.43 | 3.28 | 0.00 | 0.00 | 0.00 | 0.000 | 539. | 5 | |
| 61 | 3.00 | 0.00 | 0.00 | 0.05 | 0.06 | 0.00 | 0.000 | 562. | 9 | |
| 62 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 512. | 11 | |
| 63 | 3.00 | 1.54 | 3.09 | 0.93 | 0.94 | 0.00 | 0.000 | 588. | 12 | |
| 64 | 3.00 | 1.35 | 2.89 | 0.18 | 0.06 | 0.00 | 0.000 | 585. | 10 | |
| 65 | 3.00 | 0.23 | 0.50 | 0.00 | 0.00 | 0.00 | 0.000 | 571. | 10 | |
| 66 | 3.00 | 0.46 | 0.96 | 0.18 | 0.16 | 0.00 | 0.000 | 568. | 4 | |
| 67 | 3.00 | 0.00 | 0.00 | 2.18 | 2.64 | 0.05 | 245.34 | 577. | 2 | |
| 68 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 569. | 17 | |
| 69 | 3.00 | 1.64 | 2.81 | 2.64 | 3.00 | 2.39 | 98.051 | 574. | 5 | |
| 70 | 3.00 | 3.16 | 6.95 | 0.09 | 0.00 | 0.00 | 0.000 | 575. | 6 | |
| 71 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 7 | |
| 72 | 3.00 | 0.00 | 0.00 | 0.17 | 0.21 | 0.00 | 0.000 | 595. | 6 | |
| 73 | 3.00 | 0.00 | 0.00 | 2.19 | 2.65 | 0.00 | 91.687 | 576. | 7 | |
| 74 | 3.00 | 0.00 | 0.00 | 0.96 | 1.16 | 0.00 | 0.000 | 577. | 4 | |
| 75 | 3.00 | 0.79 | 1.18 | 1.85 | 2.14 | 0.00 | 114.23 | 569. | 3 | |
| 76 | 3.00 | 1.73 | 3.91 | 0.00 | 0.00 | 0.72 | 0.000 | 554. | 7 | |
| 77 | 3.00 | 0.07 | 0.15 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 8 | |
| 78 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 564. | 0 | |
| 79 | 3.00 | 0.00 | 0.00 | 3.18 | 3.84 | 0.00 | 99.951 | 591. | 4 | |
| 80 | 3.00 | 0.00 | 0.00 | 1.18 | 1.43 | 0.00 | 142.23 | 567. | 14 | |
| 81 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 9 | |
| 82 | 3.00 | 0.00 | 0.00 | 0.85 | 1.02 | 0.00 | 0.000 | 568. | 2 | |
| 83 | 3.00 | 2.18 | 4.79 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 4 | |
| 84 | 3.00 | 0.49 | 0.46 | 2.09 | 2.47 | 0.00 | 24.625 | 564. | 7 | |
| 85 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 10 | |
| 86 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 571. | 11 | |
| 87 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.39 | 0.000 | 580. | 12 | |
| 88 | 3.00 | 0.03 | 0.00 | 1.52 | 1.84 | 0.00 | 52.336 | 593. | 8 | |
| 89 | 3.00 | 0.00 | 0.00 | 1.59 | 1.92 | 0.00 | 0.000 | 588. | 2 | |
| 90 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.000 | 573. | 9 | |
| 91 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 6 | |
| 92 | 3.00 | 0.71 | 1.55 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 10 | |
| 93 | 3.00 | 0.15 | 0.27 | 0.16 | 0.17 | 0.00 | 0.000 | 595. | 4 | |
| 94 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 10 | |
| 95 | 3.00 | 1.02 | 2.24 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 6 | |
| 96 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.39 | 0.000 | 574. | 8 | |
| 97 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 15 | |
| 98 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 9 | |
| 99 | 3.00 | 0.76 | 1.61 | 0.18 | 0.13 | 0.00 | 0.000 | 583. | 5 | |
| 100 | 3.00 | 0.12 | 0.27 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 4 | |
| 101 | 3.00 | 3.96 | 8.77 | 0.00 | 0.00 | 0.00 | 0.000 | 572. | 5 | |
| 102 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 237.94 | 571. | 15 | |
| 103 | 3.00 | 2.99 | 5.89 | 2.28 | 2.41 | 0.00 | 61.137 | 578. | 4 | 811 # 97 |

2 of 3

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|--------|------|-------|------|--------|------|-----|----------|
| 104 | 3.00 | 0.00 | 0.00 | 0.68 | 0.82 | 2.72 | 0.000 | 568. | 6 | 811-98 |
| 105 | 3.00 | 0.04 | 0.00 | 2.85 | 3.44 | 1.39 | 0.000 | 568. | 8 | X |
| 106 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 512. | 14 | " |
| 107 | 3.00 | 0.00 | 0.00 | 2.26 | 2.73 | 0.00 | 218.63 | 581. | 9 | |
| 108 | 3.00 | 0.00 | 0.00 | 0.51 | 0.62 | 0.00 | 0.000 | 499. | 10 | |
| 109 | 3.00 | 0.00 | 0.00 | 5.90 | 7.15 | 0.00 | 39.865 | 563. | 14 | |
| 110 | 3.00 | 1.37 | 3.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 9 | |
| 111 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 566. | 16 | |
| 112 | 3.00 | 0.09 | 0.20 | 0.00 | 0.00 | 0.00 | 0.000 | 593. | 6 | |
| 113 | 3.00 | 0.38 | 0.05 | 2.51 | 2.99 | 0.00 | 0.000 | 594. | 8 | |
| 114 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 33 | |
| 115 | 3.00 | 0.68 | 1.51 | 0.00 | 0.00 | 0.00 | 0.000 | 571. | 12 | X |
| 116 | 3.00 | 0.00 | 0.00 | 0.86 | 1.03 | 0.00 | 0.000 | 593. | 7 | X |
| 117 | 3.00 | 0.04 | 0.09 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 10 | |
| 118 | 3.00 | 0.76 | 1.64 | 0.00 | 0.00 | 0.00 | 0.000 | 601. | 6 | |
| 119 | 3.00 | 0.00 | 0.00 | 3.13 | 3.79 | 0.00 | 147.31 | 550. | 0 | |
| 120 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 24 | |
| 121 | 3.00 | 2.18 | 4.69 | 0.24 | 0.03 | 0.00 | 0.000 | 585. | 15 | |
| 122 | 3.00 | 0.78 | 1.71 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 10 | |
| 123 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 22 | |
| 124 | 3.00 | 3.12 | 6.82 | 0.00 | 0.00 | 0.72 | 0.000 | 588. | 21 | |
| 125 | 3.00 | 0.00 | 0.00 | 2.94 | 3.56 | 2.05 | 40.718 | 579. | 22 | X |
| 126 | 3.00 | 1.35 | 3.05 | 0.00 | 0.00 | 0.00 | 0.000 | 548. | 10 | X |
| 127 | 3.00 | 0.00 | 0.00 | 0.18 | 0.22 | 0.00 | 0.000 | 571. | 7 | |
| 128 | 3.00 | 0.20 | 0.44 | 0.00 | 0.00 | 0.00 | 0.000 | 566. | 11 | |
| 129 | 3.00 | 3.40 | 7.71 | 0.00 | 0.00 | 0.00 | 0.000 | 549. | 6 | |
| 130 | 3.00 | 0.46 | 0.56 | 1.51 | 1.78 | 0.00 | 0.000 | 555. | 20 | |
| 131 | 3.00 | 0.00 | 0.00 | 1.49 | 1.81 | 0.00 | 58.049 | 543. | 21 | |
| 132 | 3.00 | 3.73 | 7.16 | 4.85 | 5.42 | 0.00 | 33.305 | 522. | 18 | |
| 133 | 3.00 | 5.21 | 10.75 | 3.18 | 3.21 | 0.00 | 29.412 | 554. | 13 | |
| 134 | 3.00 | 1.92 | 4.43 | 0.00 | 0.00 | 0.05 | 0.000 | 535. | 10 | |
| 135 | 3.00 | 0.00 | 0.00 | 1.51 | 1.87 | 0.00 | 0.000 | 403. | 33 | -811#129 |
| 136 | 3.00 | 0.00 | 112.60 | 2.86 | 18.23 | 0.00 | 0.000 | 9.62 | 9 | → E |

Wrong

Wrong

811 16.
Decan

No fluid

Recount
on

next
round of
Counting

Lakeside Hospital Waste Room ~~Stack~~ Traps - Samples with Cotton Tipped Applicators

Protocol #:26 Name:Decommissioning2 20-Jul-2004 10:46
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction ~~On~~

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG | |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|--------------|--------|
| 1 | 10.00 | 8.20 | | 10.45 | | 9.20 | 60.024 | 573. | 9 | B | -BG |
| 2 | 3.00 | 16604.5 | 654.57 | 114733. | 133612. | 553.30 | 161.57 | 998. | 0 | E | } Stds |
| 3 | 3.00 | 104596. | 170829. | 8284.25 | 0.00 | 1.47 | 19.949 | 1001 | 0 | E | |
| 4 | 3.00 | 1.58 | 2.63 | 0.00 | 0.00 | 0.00 | 0.000 | 988. | 31 | E | |
| (2 missing vials) | | | | | | | | | | | |
| 7 | 3.00 | 0.00 | 0.00 | 2.00 | 2.43 | 0.00 | 0.000 | 522. | 13 | } 25BG2 Trap | |
| 8 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 517. | 13 | | |
| 9 | 3.00 | 0.00 | 0.00 | 0.17 | 0.20 | 0.00 | 0.000 | 519. | 8 | } 850 trap | |
| 10 | 3.00 | 0.00 | 0.00 | 3.37 | 4.09 | 0.00 | 284.46 | 517. | 12 | | |

P1091

Lakeside 256, 311, 809, 839, 841
MSB

Protocol #:26 Name:Decommissioning2 05-Aug-2004 10:06
Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
VA Lakeside Campus Packard LSC A2100 SNo 414354
Conventional DPM
Nuclide 1 = 273850 Nuclide 2 = 127200
Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|-------|-----|---------|
| 1 | 10.00 | 5.43 | | 9.23 | | 7.70 | 65.190 | 571. | 11 | B |
| 2 | 3.00 | 16594.4 | 668.56 | 114606. | 133372. | 538.42 | 162.35 | 1010 | 0 | E |
| 3 | 3.00 | 104102. | 169263. | 8156.95 | 0.00 | 4.97 | 20.055 | 1009 | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.63 | 579.02 | 994. | 42 | E |
| (2 missing vials) | | | | | | | | | | |
| 7 | 3.00 | 2.76 | 5.49 | 1.77 | 1.82 | 0.00 | 0.000 | 589. | 9 | -256 #1 |
| 8 | 3.00 | 2.04 | 4.38 | 0.00 | 0.00 | 1.63 | 0.000 | 606. | 2 | |
| 9 | 3.00 | 1.99 | 4.27 | 0.00 | 0.00 | 0.97 | 0.000 | 604. | 17 | |
| 10 | 3.00 | 0.13 | 0.18 | 0.30 | 0.35 | 1.43 | 0.000 | 592. | 9 | |
| 11 | 3.00 | 2.76 | 5.55 | 1.33 | 1.28 | 0.63 | 71.368 | 602. | 15 | |
| 12 | 3.00 | 2.10 | 4.68 | 0.00 | 0.00 | 0.30 | 80.550 | 567. | 10 | |
| 13 | 3.00 | 4.80 | 10.33 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 10 | |
| 14 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 618. | 25 | |
| 15 | 3.00 | 0.00 | 0.00 | 1.18 | 1.42 | 0.00 | 0.000 | 583. | 12 | |
| 16 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 16. | |
| 17 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 566. | 10 | |
| 18 | 3.00 | 1.35 | 2.78 | 0.47 | 0.41 | 0.63 | 87.327 | 591. | 13 | |
| 19 | 3.00 | 2.31 | 4.95 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 2 | |
| 20 | 3.00 | 2.49 | 4.74 | 2.44 | 2.65 | 2.63 | 55.203 | 576. | 5 | |
| 21 | 3.00 | 0.00 | 0.00 | 3.77 | 4.55 | 0.00 | 135.91 | 613. | 6 | |
| 22 | 3.00 | 0.17 | 0.00 | 1.98 | 2.37 | 2.63 | 50.333 | 611. | 13 | |
| 23 | 3.00 | 1.16 | 1.77 | 2.38 | 2.74 | 0.00 | 10.250 | 603. | 9 | |
| 24 | 3.00 | 1.16 | 1.73 | 2.65 | 3.07 | 1.30 | 88.063 | 582. | 12 | |
| 25 | 3.00 | 1.07 | 2.09 | 0.77 | 0.81 | 0.63 | 0.000 | 591. | 12 | |
| 26 | 3.00 | 5.72 | 11.67 | 2.85 | 2.77 | 0.97 | 29.695 | 582. | 6. | |
| 27 | 3.00 | 4.38 | 9.49 | 0.00 | 0.00 | 0.63 | 35.534 | 594. | 12 | |
| 28 | 3.00 | 0.70 | 1.16 | 1.39 | 1.60 | 1.63 | 7.694 | 544. | 16 | |
| 29 | 3.00 | 0.00 | 0.00 | 1.13 | 1.37 | 0.00 | 82.999 | 589. | 24 | |
| 30 | 3.00 | 0.00 | 0.00 | 2.40 | 2.91 | 0.63 | 24.227 | 596. | 14 | |
| 31 | 3.00 | 1.91 | 3.71 | 1.51 | 1.60 | 0.00 | 34.981 | 590. | 15 | |
| 32 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 17 | |
| 33 | 3.00 | 3.62 | 6.96 | 3.27 | 3.53 | 0.00 | 34.762 | 581. | 6 | |
| 34 | 3.00 | 0.93 | 0.98 | 3.44 | 4.05 | 0.00 | 107.84 | 595. | 17 | |
| 35 | 3.00 | 2.09 | 3.38 | 3.75 | 4.29 | 0.00 | 65.927 | 597. | 10 | |
| 36 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 10.8. | 78. | E |
| 37 | 3.00 | 0.79 | 1.71 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 32 | |
| 38 | 3.00 | 2.63 | 5.09 | 2.26 | 2.42 | 1.97 | 36.374 | 581. | 7 | |
| 39 | 3.00 | 0.76 | 1.06 | 2.10 | 2.46 | 2.63 | 80.771 | 562. | 9 | |
| 40 | 3.00 | 1.02 | 2.13 | 0.46 | 0.44 | 2.97 | 20.963 | 566. | 14 | |
| 41 | 3.00 | 2.64 | 5.44 | 1.21 | 1.15 | 0.00 | 0.000 | 578. | 11 | |
| 42 | 3.00 | 2.43 | 4.91 | 1.10 | 1.05 | 0.00 | 48.470 | 601. | 9 | |
| 43 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 14 | |
| 44 | 3.00 | 1.07 | 2.43 | 0.00 | 0.00 | 0.00 | 0.000 | 548. | 13 | |
| 45 | 3.00 | 2.44 | 5.24 | 0.00 | 0.00 | 0.97 | 0.000 | 603. | 14 | |
| 46 | 3.00 | 0.00 | 0.00 | 0.84 | 1.01 | 1.63 | 0.000 | 583. | 15. | |
| 47 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.000 | 582. | 31 | 256 #41 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-----|---------------|
| 48 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 7 | 256#42 |
| 49 | 3.00 | 1.29 | 2.79 | 0.00 | 0.00 | 1.97 | 35.727 | 602. | 19 | |
| 50 | 3.00 | 0.00 | 0.00 | 1.49 | 1.81 | 0.00 | 141.71 | 563. | 19 | |
| 51 | 3.00 | 2.04 | 3.94 | 1.97 | 2.14 | 2.63 | 0.000 | 563. | 0 | |
| 52 | 3.00 | 1.45 | 3.02 | 1.09 | 1.14 | 0.00 | 35.214 | 525. | 10 | |
| 53 | 3.00 | 0.07 | 0.16 | 0.00 | 0.00 | 0.00 | 0.000 | 536. | 14 | 256#48 |
| 54 | 3.00 | 3.28 | 7.31 | 0.00 | 0.00 | 1.97 | 0.000 | 565. | 9 | |
| (6 missing vials) | | | | | | | | | | |
| 61 | 3.00 | 0.81 | 1.76 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 7 | 311#1 |
| 62 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 17 | MSB |
| 63 | 3.00 | 2.61 | 5.31 | 1.59 | 1.61 | 0.00 | 0.000 | 570. | 9 | |
| 64 | 3.00 | 1.51 | 1.56 | 5.77 | 6.80 | 0.30 | 75.515 | 578. | 3 | |
| 65 | 3.00 | 5.26 | 11.53 | 0.00 | 0.00 | 2.30 | 0.000 | 582. | 10 | |
| 66 | 3.00 | 2.49 | 5.58 | 0.00 | 0.00 | 0.00 | 102.75 | 559. | 6 | |
| 67 | 3.00 | 1.01 | 2.22 | 0.00 | 0.00 | 2.97 | 0.000 | 575. | 9 | |
| 68 | 3.00 | 1.69 | 3.93 | 0.00 | 0.00 | 0.00 | 0.000 | 525. | 9 | |
| 69 | 3.00 | 0.00 | 0.00 | 0.76 | 0.92 | 0.31 | 97.465 | 562. | 11 | |
| 70 | 3.00 | 0.00 | 0.00 | 0.59 | 0.71 | 0.97 | 0.000 | 571. | 9 | |
| 71 | 3.00 | 2.69 | 4.77 | 3.90 | 4.39 | 0.00 | 34.002 | 570. | 5 | |
| 72 | 3.00 | 3.46 | 7.61 | 0.00 | 0.00 | 0.00 | 29.682 | 581. | 2 | |
| 73 | 3.00 | 1.65 | 2.62 | 3.25 | 3.73 | 1.97 | 84.145 | 586. | 7 | |
| 74 | 3.00 | 2.79 | 6.06 | 0.00 | 0.00 | 0.96 | 0.000 | 594. | 8 | |
| 75 | 3.00 | 1.69 | 2.80 | 2.79 | 3.18 | 0.00 | 76.607 | 602. | 12 | |
| 76 | 3.00 | 2.42 | 5.26 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 8 | |
| 77 | 3.00 | 4.20 | 9.09 | 0.03 | 0.00 | 0.00 | 0.000 | 597. | 7 | |
| 78 | 3.00 | 3.55 | 6.66 | 3.60 | 3.93 | 2.97 | 68.461 | 585. | 10 | |
| 79 | 3.00 | 4.04 | 8.77 | 0.00 | 0.00 | 1.97 | 74.713 | 595. | 12 | |
| 80 | 3.00 | 4.16 | 8.79 | 1.38 | 1.17 | 1.63 | 58.225 | 572. | 8 | |
| 81 | 3.00 | 0.76 | 1.02 | 2.10 | 2.45 | 2.97 | 63.109 | 595. | 9 | |
| 82 | 3.00 | 0.00 | 0.00 | 2.87 | 3.48 | 1.63 | 175.02 | 578. | 15 | |
| 83 | 3.00 | 1.67 | 3.53 | 0.56 | 0.47 | 0.97 | 0.000 | 575. | 8 | |
| 84 | 3.00 | 5.24 | 10.29 | 3.40 | 3.50 | 0.00 | 28.629 | 599. | 2 | |
| 85 | 3.00 | 0.68 | 1.44 | 0.16 | 0.11 | 1.30 | 0.000 | 585. | 12 | |
| 86 | 3.00 | 1.88 | 3.74 | 1.10 | 1.12 | 0.00 | 90.337 | 594. | 2 | |
| 87 | 3.00 | 7.14 | 15.03 | 1.42 | 0.89 | 0.00 | 22.221 | 596. | 6 | |
| 88 | 3.00 | 2.56 | 5.21 | 1.39 | 1.38 | 0.00 | 27.338 | 579. | 4 | |
| 89 | 3.00 | 0.67 | 1.13 | 1.08 | 1.23 | 4.30 | 47.093 | 597. | 17 | |
| 90 | 3.00 | 2.76 | 6.10 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 10 | |
| 91 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 600. | 8 | |
| 92 | 3.00 | 1.93 | 3.12 | 3.30 | 3.77 | 0.97 | 66.246 | 613. | 7 | |
| 93 | 3.00 | 0.95 | 2.10 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 12 | |
| 94 | 3.00 | 1.71 | 2.67 | 3.46 | 3.99 | 3.63 | 103.76 | 592. | 10 | |
| 95 | 3.00 | 3.95 | 8.49 | 0.00 | 0.00 | 0.00 | 7.825 | 605. | 2 | |
| 96 | 3.00 | 4.21 | 8.87 | 0.66 | 0.31 | 0.30 | 14.758 | 602. | 8 | |
| 97 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.63 | 0.000 | 600. | 19 | |
| 98 | 3.00 | 3.40 | 6.86 | 1.89 | 1.89 | 0.00 | 51.883 | 584. | 4 | |
| 99 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 0.000 | 575. | 13 | |
| 100 | 3.00 | 4.13 | 8.38 | 1.77 | 1.66 | 0.97 | 12.949 | 598. | 7 | |
| 101 | 3.00 | 1.24 | 2.66 | 0.16 | 0.05 | 0.63 | 13.305 | 585. | 18 | |
| 102 | 3.00 | 0.25 | 0.47 | 0.26 | 0.29 | 0.30 | 0.000 | 569. | 13 | |
| 103 | 3.00 | 4.39 | 8.77 | 2.14 | 2.08 | 1.97 | 60.412 | 608. | 8 | |
| 104 | 3.00 | 2.70 | 5.87 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 13 | |
| 105 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.000 | 571. | 21 | |
| 106 | 3.00 | 1.39 | 2.48 | 1.78 | 1.99 | 0.63 | 71.229 | 592. | 11 | |
| 107 | 3.00 | 0.00 | 0.00 | 0.10 | 0.13 | 1.30 | 0.000 | 529. | 19 | |
| 108 | 3.00 | 0.45 | 0.00 | 4.67 | 5.61 | 0.00 | 31.992 | 549. | 13 | 311#48 MSB |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tsIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-----|-------------------|
| (2 missing vials) | | | | | | | | | | |
| 111 | 3.00 | 5.84 | 12.19 | 1.37 | 0.97 | 0.97 | 31.603 | 599. | 8 | 211#49 |
| 112 | 3.00 | 4.40 | 9.32 | 0.33 | 0.00 | 0.30 | 23.896 | 609. | 16 | |
| 113 | 3.00 | 1.35 | 2.50 | 1.43 | 1.58 | 1.97 | 14.867 | 594. | 14 | 809#1 |
| 114 | 3.00 | 0.36 | 0.76 | 0.00 | 0.00 | 0.00 | 62.966 | 626. | 19 | 809 |
| 115 | 3.00 | 6.27 | 13.36 | 0.00 | 0.00 | 2.30 | 0.263 | 613. | 7 | |
| 116 | 3.00 | 3.31 | 6.96 | 0.53 | 0.26 | 0.00 | 0.000 | 605. | 11 | |
| 117 | 3.00 | 1.04 | 1.97 | 0.78 | 0.82 | 0.00 | 190.25 | 616. | 13 | |
| 118 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 27 | |
| 119 | 3.00 | 1.67 | 3.64 | 0.00 | 0.00 | 1.30 | 2.155 | 593. | 15 | |
| 120 | 3.00 | 0.90 | 1.65 | 0.89 | 0.97 | 0.63 | 36.084 | 619. | 15 | |
| 121 | 3.00 | 6.72 | 14.45 | 0.42 | 0.00 | 0.00 | 0.000 | 594. | 10 | |
| 122 | 3.00 | 9.74 | 20.77 | 1.10 | 0.20 | 0.00 | 25.428 | 595. | 8 | |
| 123 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 615. | 25 | |
| 124 | 3.00 | 1.62 | 3.42 | 0.00 | 0.00 | 0.63 | 0.000 | 623. | 12 | |
| 125 | 3.00 | 1.74 | 3.74 | 0.00 | 0.00 | 0.00 | 0.000 | 607. | 17 | |
| 126 | 3.00 | 1.51 | 2.99 | 0.75 | 0.73 | 0.30 | 18.379 | 618. | 6 | |
| 127 | 3.00 | 4.63 | 9.70 | 1.07 | 0.76 | 1.30 | 29.099 | 596. | 16 | |
| 128 | 3.00 | 2.31 | 3.75 | 4.09 | 4.68 | 0.00 | 17.613 | 596. | 15 | |
| 129 | 3.00 | 5.91 | 12.69 | 0.43 | 0.00 | 0.00 | 3.950 | 595. | 17 | |
| 130 | 3.00 | 5.13 | 11.13 | 0.10 | 0.00 | 4.97 | 4.862 | 591. | 23 | |
| 131 | 3.00 | 0.00 | 0.00 | 1.12 | 1.36 | 2.30 | 83.484 | 609. | 34 | |
| 132 | 3.00 | 0.88 | 1.66 | 0.77 | 0.83 | 0.00 | 25.605 | 598. | 36 | |
| 133 | 3.00 | 0.00 | 0.00 | 1.04 | 1.26 | 0.00 | 205.00 | 580. | 28 | |
| 134 | 3.00 | 1.93 | 3.59 | 1.88 | 2.05 | 0.63 | 30.585 | 605. | 27 | |
| 135 | 3.00 | 4.65 | 9.31 | 2.30 | 2.24 | 0.30 | 47.735 | 604. | 19 | |
| 136 | 3.00 | 0.00 | 0.00 | 2.87 | 3.47 | 0.00 | 109.92 | 579. | 16 | |
| 137 | 3.00 | 0.74 | 0.56 | 3.44 | 4.07 | 0.30 | 30.600 | 593. | 26 | |
| 138 | 3.00 | 1.60 | 3.45 | 0.00 | 0.00 | 2.63 | 0.000 | 599. | 34 | |
| 139 | 3.00 | 1.49 | 3.22 | 0.00 | 0.00 | 0.00 | 45.074 | 598. | 28 | |
| 140 | 3.00 | 2.65 | 5.75 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 33 | |
| 141 | 3.00 | 3.04 | 6.56 | 0.00 | 0.00 | 1.63 | 0.000 | 601. | 29 | |
| 142 | 3.00 | 2.96 | 6.32 | 0.10 | 0.00 | 0.00 | 34.171 | 606. | 17 | |
| 143 | 3.00 | 4.14 | 8.30 | 2.59 | 2.64 | 1.63 | 34.177 | 582. | 14 | |
| 144 | 3.00 | 0.39 | 0.00 | 2.98 | 3.56 | 0.00 | 73.433 | 611. | 18 | |
| 145 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.000 | 608. | 21 | |
| 146 | 3.00 | 2.70 | 5.23 | 2.17 | 2.31 | 0.63 | 43.848 | 589. | 24 | |
| 147 | 3.00 | 4.36 | 8.61 | 2.32 | 2.30 | 2.30 | 17.373 | 610. | 17 | |
| 148 | 3.00 | 1.01 | 2.19 | 0.00 | 0.00 | 0.00 | 325.87 | 592. | 16 | |
| 149 | 3.00 | 2.85 | 6.19 | 0.00 | 0.00 | 2.30 | 0.000 | 593. | 23 | |
| 150 | 3.00 | 1.87 | 4.02 | 0.12 | 0.00 | 0.00 | 0.000 | 593. | 22 | |
| 151 | 3.00 | 0.00 | 0.00 | 3.61 | 4.36 | 0.00 | 118.79 | 605. | 25 | |
| 152 | 3.00 | 3.96 | 8.76 | 0.00 | 0.00 | 1.30 | 0.000 | 573. | 16 | |
| 153 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 36 | |
| 154 | 3.00 | 5.14 | 11.14 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 23 | |
| 155 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.63 | 0.000 | 583. | 45 | |
| 156 | 3.00 | 0.00 | 0.00 | 1.15 | 1.38 | 0.00 | 30.344 | 590. | 36 | |
| 157 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 606. | 43 | |
| 158 | 3.00 | 0.00 | 0.00 | 0.22 | 0.27 | 0.00 | 21.481 | 604. | 42 | |
| 159 | 3.00 | 3.04 | 6.53 | 0.00 | 0.00 | 1.97 | 0.000 | 606. | 32 | |
| 160 | 3.00 | 4.37 | 9.46 | 0.00 | 0.00 | 2.30 | 0.000 | 598. | 31 | |
| 161 | 3.00 | 0.00 | 0.00 | 0.99 | 1.19 | 0.00 | 681.05 | 610. | 48 | |
| 162 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 609. | 28 | |
| 163 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 39 | |
| 164 | 3.00 | 0.09 | 0.00 | 3.28 | 3.95 | 1.97 | 48.920 | 615. | 32 | |
| 165 | 3.00 | 0.79 | 1.31 | 1.22 | 1.38 | 0.00 | 38.223 | 624. | 34 | 809#55 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-----|--------|
| 166 | 3.00 | 0.00 | 0.00 | 0.10 | 0.13 | 0.97 | 0.000 | 607. | 32 | 809#50 |
| 167 | 3.00 | 2.94 | 6.12 | 0.70 | 0.51 | 0.00 | 0.000 | 604. | 33 | |
| 68 | 3.00 | 3.38 | 7.21 | 0.00 | 0.00 | 1.35 | 0.000 | 611. | 28 | |
| 169 | 3.00 | 1.88 | 3.97 | 0.55 | 0.44 | 0.97 | 18.782 | 576. | 31 | |
| 170 | 3.00 | 0.00 | 0.00 | 0.69 | 0.83 | 0.63 | 111.05 | 555. | 41 | |
| 171 | 3.00 | 3.20 | 6.83 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 28 | |
| 172 | 3.00 | 5.27 | 11.00 | 1.43 | 1.11 | 2.63 | 39.023 | 595. | 16 | |
| 173 | 3.00 | 0.00 | 0.00 | 2.10 | 2.54 | 0.00 | 117.20 | 588. | 32 | |
| 174 | 3.00 | 0.00 | 0.00 | 2.17 | 2.62 | 0.00 | 112.01 | 584. | 32 | |
| 175 | 3.00 | 2.29 | 4.87 | 0.00 | 0.00 | 0.00 | 0.000 | 619. | 19 | |
| 176 | 3.00 | 1.61 | 3.07 | 1.42 | 1.53 | 0.30 | 79.916 | 595. | 18 | |
| 177 | 3.00 | 0.00 | 0.00 | 0.10 | 0.13 | 0.00 | 0.000 | 610. | 51 | |
| 178 | 3.00 | 0.00 | 0.00 | 1.45 | 1.75 | 0.00 | 39.495 | 592. | 35 | |
| 179 | 3.00 | 1.47 | 3.18 | 0.00 | 0.00 | 0.30 | 0.000 | 600. | 11 | |
| 180 | 3.00 | 2.15 | 3.89 | 2.44 | 2.70 | 2.63 | 40.260 | 607. | 22 | |
| 181 | 3.00 | 0.00 | 0.00 | 1.22 | 1.48 | 0.97 | 595.35 | 609. | 18 | |
| 182 | 3.00 | 5.32 | 11.04 | 1.10 | 0.72 | 0.30 | 33.837 | 610. | 13 | |
| 183 | 3.00 | 3.47 | 6.71 | 2.32 | 2.41 | 0.00 | 27.018 | 610. | 26 | |
| 184 | 3.00 | 0.57 | 1.07 | 0.44 | 0.46 | 0.97 | 56.819 | 629. | 22 | |
| 185 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.000 | 616. | 38 | |
| 186 | 3.00 | 0.00 | 0.00 | 1.77 | 2.14 | 2.30 | 0.000 | 611. | 40 | |
| 187 | 3.00 | 1.56 | 3.44 | 0.06 | 0.00 | 0.97 | 0.000 | 571. | 24 | |
| 188 | 3.00 | 2.46 | 5.25 | 0.00 | 0.00 | 0.00 | 0.000 | 612. | 43 | |
| 189 | 3.00 | 2.82 | 5.91 | 1.03 | 0.91 | 2.97 | 17.538 | 574. | 26 | 809#79 |
| (3 missing vials) | | | | | | | | | | |
| 193 | 3.00 | 0.00 | 0.00 | 0.45 | 0.54 | 0.97 | 0.000 | 592. | 36 | 839#1 |
| 194 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 0.000 | 584. | 29 | |
| 195 | 3.00 | 0.45 | 0.00 | 3.29 | 3.92 | 0.00 | 70.195 | 584. | 30 | |
| 196 | 3.00 | 2.73 | 5.12 | 3.17 | 3.51 | 0.30 | 34.274 | 563. | 22 | |
| 197 | 3.00 | 4.46 | 9.02 | 2.10 | 2.02 | 0.00 | 39.035 | 596. | 32 | |
| 198 | 3.00 | 1.85 | 4.08 | 0.00 | 0.00 | 1.63 | 0.000 | 577. | 37 | |
| 199 | 3.00 | 0.63 | 1.34 | 0.10 | 0.05 | 1.30 | 0.000 | 587. | 45 | |
| 200 | 3.00 | 0.00 | 0.00 | 1.61 | 2.12 | 0.00 | 0.000 | 217. | 32 | |
| 201 | 3.00 | 0.46 | 1.01 | 0.00 | 0.00 | 1.30 | 0.000 | 583. | 41 | |
| 202 | 3.00 | 3.05 | 5.67 | 3.84 | 4.28 | 0.47 | 14.575 | 556. | 27 | |
| 203 | 3.00 | 4.05 | 10.94 | 0.12 | 0.00 | 1.97 | 0.000 | 419. | 26 | |
| 204 | 3.00 | 0.72 | 0.90 | 2.43 | 2.86 | 0.63 | 0.000 | 516. | 28 | |
| 205 | 3.00 | 0.96 | 1.63 | 1.77 | 2.03 | 2.97 | 37.422 | 544. | 42 | |
| 206 | 3.00 | 0.00 | 0.00 | 3.66 | 4.44 | 0.00 | 74.165 | 550. | 45 | |
| 207 | 3.00 | 5.52 | 10.52 | 4.44 | 4.73 | 0.97 | 34.737 | 604. | 28 | |
| 208 | 3.00 | 0.00 | 0.00 | 2.82 | 3.41 | 1.63 | 103.13 | 564. | 35 | |
| 209 | 3.00 | 0.80 | 1.74 | 0.00 | 0.00 | 1.63 | 0.000 | 585. | 47 | |
| 210 | 3.00 | 0.50 | 1.10 | 0.00 | 0.00 | 0.63 | 0.000 | 573. | 47 | |
| 211 | 3.00 | 1.57 | 3.36 | 0.00 | 0.00 | 0.00 | 0.000 | 613. | 53 | |
| 212 | 3.00 | 5.26 | 11.67 | 0.00 | 0.00 | 0.00 | 9.665 | 571. | 35 | |
| 213 | 3.00 | 4.71 | 10.23 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 38 | |
| 214 | 3.00 | 2.07 | 4.62 | 0.00 | 0.00 | 0.00 | 0.000 | 568. | 44 | |
| 215 | 3.00 | 0.00 | 0.00 | 3.11 | 3.76 | 0.00 | 35.613 | 592. | 42 | |
| 216 | 3.00 | 3.90 | 8.73 | 0.00 | 0.00 | 0.97 | 0.000 | 563. | 39 | |
| 217 | 3.00 | 0.32 | 0.71 | 0.00 | 0.00 | 0.30 | 0.000 | 585. | 47 | |
| 218 | 3.00 | 2.37 | 5.27 | 0.42 | 0.21 | 0.30 | 53.011 | 545. | 29 | |
| 219 | 3.00 | 1.60 | 3.70 | 0.00 | 0.00 | 0.63 | 0.000 | 535. | 45 | |
| 220 | 3.00 | 1.05 | 2.15 | 0.60 | 0.60 | 0.00 | 29.566 | 569. | 36 | |
| 221 | 3.00 | 0.72 | 1.61 | 0.00 | 0.00 | 0.00 | 0.000 | 564. | 37 | |
| 222 | 3.00 | 0.00 | 0.00 | 1.87 | 2.27 | 0.00 | 0.000 | 578. | 44 | |
| 223 | 3.00 | 0.00 | 0.00 | 0.16 | 0.20 | 1.97 | 0.000 | 585. | 53 | 839#31 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|-------|------|------|------|--------|------|-----|-----------|
| 224 | 3.00 | 0.00 | 0.00 | 1.46 | 1.76 | 1.97 | 0.000 | 591. | 45 | 839#32 |
| 225 | 3.00 | 0.08 | 0.00 | 0.82 | 0.99 | 0.97 | 0.000 | 564. | 48 | |
| 226 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 0.000 | 582. | 59 | |
| 227 | 3.00 | 0.00 | 0.00 | 3.37 | 4.09 | 0.30 | 19.636 | 521. | 38 | |
| 228 | 3.00 | 0.00 | 0.00 | 3.77 | 4.57 | 0.30 | 40.191 | 558. | 40 | |
| 229 | 3.00 | 0.68 | 1.51 | 0.00 | 0.00 | 2.30 | 13.514 | 578. | 44 | |
| 230 | 3.00 | 3.04 | 6.28 | 1.77 | 1.78 | 1.30 | 0.446 | 560. | 26 | |
| 231 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 45 | |
| 232 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 564. | 42 | |
| 233 | 3.00 | 2.77 | 6.03 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 26 | |
| 234 | 3.00 | 0.85 | 1.80 | 0.77 | 0.83 | 0.00 | 0.000 | 492. | 37 | |
| 235 | 3.00 | 3.71 | 8.62 | 3.44 | 3.74 | 1.63 | 25.384 | 428. | 24 | |
| 236 | 3.00 | 1.25 | 3.35 | 0.12 | 0.00 | 0.00 | 31.574 | 419. | 34 | |
| 237 | 3.00 | 0.16 | 0.37 | 0.00 | 0.00 | 0.00 | 0.000 | 540. | 52 | |
| 238 | 3.00 | 1.79 | 2.64 | 4.77 | 5.57 | 1.30 | 31.250 | 523. | 21 | |
| 239 | 3.00 | 0.85 | 1.47 | 1.44 | 1.64 | 0.00 | 118.82 | 547. | 4 | |
| 240 | 3.00 | 2.65 | 5.77 | 1.19 | 1.11 | 0.00 | 4.092 | 528. | 11 | 839#48 |
| (2 missing vials) | | | | | | | | | | |
| 243 | 3.00 | 2.64 | 5.51 | 2.01 | 2.11 | 0.30 | 0.000 | 523. | 20 | 84#1 (48) |
| 244 | 3.00 | 0.00 | 0.00 | 2.17 | 2.63 | 0.63 | 0.000 | 531. | 29 | |
| 245 | 3.00 | 2.90 | 6.59 | 0.00 | 0.00 | 1.97 | 0.000 | 548. | 23 | |
| 246 | 3.00 | 0.22 | 0.00 | 1.59 | 1.90 | 2.30 | 0.000 | 570. | 13 | |
| 247 | 3.00 | 0.56 | 1.10 | 0.78 | 0.88 | 0.00 | 0.000 | 488. | 21 | |
| 248 | 3.00 | 1.55 | 2.89 | 1.98 | 2.21 | 0.00 | 27.515 | 551. | 25 | |
| 249 | 3.00 | 0.13 | 0.00 | 3.19 | 3.87 | 4.63 | 91.744 | 477. | 21 | |
| 250 | 3.00 | 3.06 | 6.54 | 1.89 | 1.92 | 0.00 | 37.053 | 522. | 21 | |
| 251 | 3.00 | 0.00 | 0.00 | 2.02 | 2.45 | 1.30 | 20.982 | 504. | 34 | |
| 252 | 3.00 | 6.02 | 12.51 | 3.74 | 3.79 | 0.00 | 40.754 | 547. | 12 | |
| 253 | 3.00 | 0.00 | 0.00 | 2.55 | 3.09 | 4.91 | 13.650 | 534. | 16 | |
| 254 | 3.00 | 3.43 | 7.71 | 0.00 | 0.00 | 0.00 | 0.000 | 559. | 17 | |
| 255 | 3.00 | 1.75 | 3.68 | 0.64 | 0.57 | 0.00 | 0.000 | 573. | 18 | |
| 256 | 3.00 | 0.00 | 0.00 | 5.08 | 6.15 | 0.00 | 86.411 | 569. | 10 | |
| 257 | 3.00 | 1.63 | 3.15 | 1.44 | 1.55 | 0.63 | 21.728 | 576. | 17 | |
| 258 | 3.00 | 0.00 | 0.00 | 0.44 | 0.53 | 0.00 | 0.000 | 586. | 23 | |
| 259 | 3.00 | 3.63 | 7.47 | 0.99 | 0.77 | 0.30 | 36.489 | 610. | 4 | |
| 260 | 3.00 | 1.22 | 2.06 | 2.15 | 2.45 | 0.00 | 116.28 | 564. | 18 | |
| 261 | 3.00 | 1.52 | 3.19 | 0.44 | 0.35 | 0.00 | 0.000 | 583. | 23 | |
| 262 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.000 | 570. | 27 | |
| 263 | 3.00 | 4.09 | 8.84 | 0.53 | 0.16 | 1.30 | 19.177 | 579. | 4 | |
| 264 | 3.00 | 0.00 | 0.00 | 3.77 | 4.57 | 3.97 | 42.154 | 544. | 18 | |
| 265 | 3.00 | 1.00 | 1.32 | 2.98 | 3.48 | 0.30 | 28.739 | 562. | 20 | |
| 266 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 0.000 | 585. | 24 | |
| 267 | 3.00 | 0.15 | 0.08 | 0.83 | 0.98 | 2.30 | 0.000 | 585. | 23 | |
| 268 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 23 | |
| 269 | 3.00 | 0.62 | 1.40 | 0.00 | 0.00 | 2.97 | 0.000 | 559. | 20 | |
| 270 | 3.00 | 2.50 | 5.09 | 1.17 | 1.12 | 1.30 | 96.033 | 590. | 19 | |
| 271 | 3.00 | 0.00 | 0.00 | 1.31 | 1.59 | 3.30 | 0.000 | 561. | 16 | |
| 272 | 3.00 | 1.60 | 3.02 | 1.44 | 1.55 | 1.63 | 0.000 | 598. | 18 | |
| 273 | 3.00 | 5.54 | 12.11 | 0.00 | 0.00 | 0.63 | 0.000 | 587. | 21 | |
| 274 | 3.00 | 2.85 | 6.22 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 23 | |
| 275 | 3.00 | 0.60 | 1.27 | 0.10 | 0.06 | 1.63 | 0.000 | 588. | 21 | |
| 276 | 3.00 | 5.00 | 10.81 | 0.09 | 0.00 | 0.00 | 8.057 | 596. | 28 | |
| 277 | 3.00 | 4.53 | 8.90 | 3.14 | 3.27 | 0.00 | 27.062 | 591. | 16 | |
| 278 | 3.00 | 1.43 | 3.16 | 0.10 | 0.00 | 0.00 | 0.000 | 567. | 28 | |
| 279 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 568. | 30 | |
| 280 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.000 | 563. | 42 | 841#38 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|------|------|------|------|--------|------|-----|---------------|
| 281 | 3.00 | 3.90 | 8.51 | 0.00 | 0.00 | 0.97 | 0.000 | 589. | 31 | 841#51 |
| 282 | 3.00 | 2.66 | 6.02 | 0.00 | 0.00 | 0.63 | 0.000 | 551. | 20. | |
| 283 | 3.00 | 3.35 | 7.23 | 0.00 | 0.00 | 0.00 | 69.594 | 599. | 14 | |
| 284 | 3.00 | 2.86 | 6.01 | 1.35 | 1.28 | 0.30 | 60.163 | 556. | 9 | |
| 285 | 3.00 | 2.54 | 4.85 | 3.17 | 3.52 | 3.97 | 47.118 | 532. | 16 | |
| 286 | 3.00 | 0.68 | 0.86 | 2.10 | 2.46 | 0.00 | 29.921 | 578. | 29 | |
| 287 | 3.00 | 4.11 | 8.53 | 1.79 | 1.67 | 2.63 | 5.504 | 576. | 22 | |
| 288 | 3.00 | 1.30 | 2.87 | 0.00 | 0.00 | 0.00 | 73.055 | 572. | 28 | |
| 289 | 3.00 | 3.32 | 7.54 | 0.00 | 0.00 | 0.00 | 0.000 | 548. | 16 | |
| 290 | 3.00 | 2.78 | 6.55 | 0.00 | 0.00 | 0.97 | 0.000 | 517. | 28 | |
| 291 | 3.00 | 0.32 | 0.00 | 2.61 | 3.12 | 0.97 | 1.082 | 567. | 24 | |
| 292 | 3.00 | 0.65 | 1.45 | 0.00 | 0.00 | 0.63 | 0.000 | 561. | 13. | |
| 293 | 3.00 | 2.14 | 4.84 | 0.06 | 0.00 | 0.00 | 6.360 | 549. | 10 | |
| 294 | 3.00 | 0.17 | 0.00 | 2.82 | 3.39 | 0.63 | 30.636 | 564. | 21 | |
| 295 | 3.00 | 0.78 | 1.34 | 1.28 | 1.46 | 1.30 | 58.009 | 566. | 18 | |
| 296 | 3.00 | 4.38 | 9.75 | 0.00 | 0.00 | 0.00 | 9.371 | 567. | 12 | 841#54 |
| (3 missing vials) | | | | | | | | | | |
| 300 | 3.00 | 0.01 | 0.00 | 0.11 | 0.13 | 1.77 | 0.000 | 572. | 7- | Vacuum |
| FRONT PIN JAM FWD | | | | | | | | | | Pump, |
| | | | | | | | | | | MSB Basement, |
| | | | | | | | | | | Water Outlet |
| | | | | | | | | | | Vacuum side. |

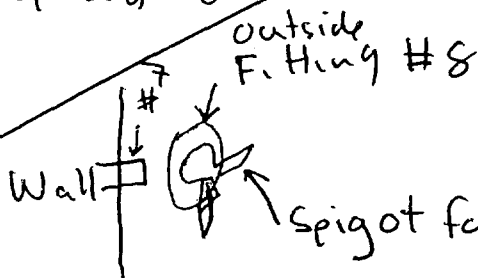
Vacuum outlet decontamination

Protocol #:26 Name:Decommissioning2 12-Aug-2004 09:48
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|------|
| 1 | 10.00 | 10.03 | | 9.01 | | 9.18 | 43.166 | 570. | 16 | B |
| 2 | 3.00 | 16637.7 | 684.85 | 114840. | 133694. | 532.41 | 162.17 | 1003 | 0 | E |
| 3 | 3.00 | 104066. | 169332. | 8284.90 | 0.00 | 2.15 | 20.069 | 1007 | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.99 | 1.17 | 0.00 | 0.000 | 994. | 46 | E |
| (2 missing vials) | | | | | | | | | | |
| 7 | 3.00 | 1.17 | 0.00 | 18.99 | 23.01 | 0.00 | 64.343 | 476. | 4 | MSB |
| 8 | 3.00 | 12.56 | 0.16 | 87.66 | 108.45 | 0.00 | 51.721 | 316. | 1 | MSB |
| 9 | 3.00 | 0.00 | 0.00 | 5.63 | 7.18 | 0.00 | 91.593 | 272. | 14 | |
| 10 | 3.00 | 281.18 | 779.00 | 33.31 | 4.50 | 0.00 | 12.130 | 399. | 1 | |
| 11 | 3.00 | 253.35 | 677.64 | 34.92 | 10.21 | 0.00 | 12.723 | 416. | 2 | |

7 Vacuum 302 Inside Pipe going into wall
 Point 79

8 Vacuum 302 Outside Fitting removed and
 Point 79
 disposed of as radioactive waste



9 ISB10 Floor Drain

10 Water from Left freezer compartment, ISB10A

11 Water from Right freezer compartment, ISB10A
 (Animal storage freezer)

Lakeside 1SB 10A, 811 Decon, MSB 237D No Fluid

Protocol #:26 Name:Decommissioning2 12-Aug-2004 10:31
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction On

Re-
count

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|-------------|
| 1 | 10.00 | 6.11 | | 10.85 | | 8.30 | 53.046 | 577. | 33 | B |
| 2 | 3.00 | 16628.0 | 670.93 | 114830. | 133713. | 581.05 | 162.14 | 1000 | 0 | E |
| 3 | 3.00 | 104063. | 169588. | 8493.09 | 0.00 | 1.03 | 20.113 | 1004 | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.000 | 990. | 44 | E |
| (2 missing vials) | | | | | | | | | | |
| 7 | 3.00 | 0.14 | 0.00 | 2.71 | 3.26 | 0.00 | 211.30 | 550. | 11 | 1SB 10A #1 |
| 8 | 3.00 | 3.78 | 8.36 | 0.00 | 0.00 | 1.03 | 0.000 | 575. | 7 | |
| 9 | 3.00 | 4.41 | 9.81 | 0.00 | 0.00 | 0.00 | 127.74 | 569. | 9 | |
| 10 | 3.00 | 2.96 | 6.58 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 8 | |
| 11 | 3.00 | 2.12 | 4.13 | 2.15 | 2.34 | 0.00 | 180.40 | 549. | 6 | |
| 12 | 3.00 | 0.42 | 0.96 | 0.00 | 0.00 | 0.00 | 0.000 | 549. | 11 | |
| 13 | 3.00 | 0.00 | 0.00 | 1.76 | 2.13 | 0.00 | 0.000 | 541. | 12 | |
| 14 | 3.00 | 0.49 | 1.13 | 0.00 | 0.00 | 0.70 | 0.000 | 540. | 5 | |
| 15 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 519. | 11 | |
| 16 | 3.00 | 3.15 | 6.74 | 1.47 | 1.39 | 0.37 | 0.000 | 542. | 50 | |
| 17 | 3.00 | 1.14 | 2.68 | 0.00 | 0.00 | 0.00 | 0.000 | 520. | 8 | |
| 18 | 3.00 | 1.78 | 4.09 | 0.00 | 0.00 | 0.00 | 0.000 | 538. | 9 | |
| 19 | 3.00 | 2.67 | 6.13 | 0.00 | 0.00 | 3.70 | 0.000 | 537. | 11 | |
| 20 | 3.00 | 3.44 | 7.80 | 0.00 | 0.00 | 0.03 | 0.000 | 548. | 10 | |
| 21 | 3.00 | 1.78 | 3.99 | 0.00 | 0.00 | 1.03 | 0.000 | 562. | 8 | |
| 22 | 3.00 | 0.00 | 0.00 | 2.03 | 2.46 | 0.00 | 347.87 | 551. | 20 | |
| 23 | 3.00 | 6.00 | 13.80 | 1.48 | 1.04 | 1.03 | 7.235 | 507. | 11 | |
| 24 | 3.00 | 3.13 | 6.69 | 1.49 | 1.42 | 0.00 | 40.462 | 541. | 5 | |
| 25 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 542. | 12 | |
| 26 | 3.00 | 2.73 | 6.15 | 0.00 | 0.00 | 0.00 | 0.000 | 554. | 12 | |
| 27 | 3.00 | 5.02 | 10.57 | 2.00 | 1.81 | 0.70 | 109.02 | 565. | 1 | |
| 28 | 3.00 | 1.92 | 3.78 | 1.67 | 1.79 | 0.00 | 0.000 | 563. | 7 | |
| 29 | 3.00 | 0.38 | 0.69 | 0.55 | 0.61 | 0.37 | 0.000 | 563. | 7 | |
| 30 | 3.00 | 2.49 | 5.66 | 0.00 | 0.00 | 0.17 | 0.000 | 548. | 8 | |
| 31 | 3.00 | 0.75 | 1.24 | 1.48 | 1.70 | 0.00 | 970.06 | 551. | 9 | |
| 32 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.37 | 0.000 | 548. | 24 | |
| 33 | 3.00 | 0.78 | 1.75 | 0.00 | 0.00 | 0.00 | 0.000 | 563. | 8 | |
| 34 | 3.00 | 0.85 | 1.98 | 0.00 | 0.00 | 2.37 | 0.000 | 527. | 13 | |
| 35 | 3.00 | 2.78 | 6.32 | 0.48 | 0.23 | 0.00 | 94.121 | 526. | 7 | |
| 36 | 3.00 | 2.50 | 5.72 | 0.00 | 0.00 | 0.70 | 0.000 | 543. | 4 | |
| 37 | 3.00 | 1.04 | 2.12 | 0.86 | 0.91 | 1.03 | 103.28 | 534. | 9 | |
| 38 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 562. | 19 | |
| 39 | 3.00 | 1.35 | 2.97 | 0.00 | 0.00 | 0.03 | 0.000 | 578. | 8 | |
| 40 | 3.00 | 0.00 | 0.00 | 0.97 | 1.18 | 1.70 | 0.000 | 569. | 6 | |
| 41 | 3.00 | 2.89 | 6.44 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 11 | |
| 42 | 3.00 | 2.16 | 4.90 | 0.00 | 0.00 | 0.00 | 0.000 | 550. | 13 | |
| 43 | 3.00 | 0.83 | 1.95 | 0.00 | 0.00 | 0.37 | 0.000 | 519. | 17 | |
| 44 | 3.00 | 3.39 | 7.69 | 0.00 | 0.00 | 0.00 | 6724.4 | 550. | 10 | |
| 45 | 3.00 | 1.08 | 2.48 | 0.07 | 0.00 | 5.37 | 0.000 | 528. | 14 | |
| 46 | 3.00 | 1.45 | 3.22 | 0.00 | 0.00 | 1.67 | 0.000 | 569. | 8 | |
| 47 | 3.00 | 2.56 | 5.67 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 13 | 1SB 10A #41 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|-------|------|------|------|--------|------|-----|------------|
| 48 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 565. | 19 | ISB10A #42 |
| 49 | 3.00 | 2.20 | 4.71 | 0.67 | 0.55 | 3.37 | 41.821 | 564. | 10 | |
| 50 | 3.00 | 5.14 | 10.52 | 3.15 | 3.19 | 0.00 | 89.333 | 563. | 4 | |
| 51 | 3.00 | 1.67 | 3.73 | 0.00 | 0.00 | 0.03 | 0.000 | 564. | 15 | |
| 52 | 3.00 | 2.22 | 4.94 | 0.00 | 0.00 | 0.00 | 0.000 | 566. | 12 | |
| 53 | 3.00 | 1.93 | 3.22 | 3.25 | 3.71 | 0.00 | 50.218 | 585. | 10 | |
| 54 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.000 | 587. | 15 | |
| 55 | 3.00 | 3.48 | 7.77 | 0.00 | 0.00 | 0.00 | 0.000 | 563. | 5 | |
| 56 | 3.00 | 1.53 | 2.99 | 1.35 | 1.45 | 1.37 | 273.10 | 562. | 10 | |
| 57 | 3.00 | 0.97 | 1.55 | 1.88 | 2.16 | 0.00 | 434.39 | 584. | 11 | |
| 58 | 3.00 | 0.37 | 0.80 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 17 | |
| 59 | 3.00 | 3.57 | 7.85 | 0.00 | 0.00 | 4.03 | 219.14 | 582. | 10 | |
| 60 | 3.00 | 0.00 | 0.00 | 2.52 | 3.04 | 0.00 | 0.000 | 588. | 18 | |
| 61 | 3.00 | 0.48 | 1.08 | 0.00 | 0.00 | 2.37 | 0.000 | 555. | 12 | |
| 62 | 3.00 | 2.03 | 3.80 | 2.15 | 2.36 | 0.00 | 178.61 | 582. | 11 | |
| 63 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 571. | 17 | |
| 64 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 17 | |
| 65 | 3.00 | 4.28 | 9.16 | 0.93 | 0.62 | 0.37 | 0.000 | 575. | 9 | |
| 66 | 3.00 | 0.00 | 0.00 | 0.15 | 0.18 | 0.70 | 0.000 | 587. | 13 | |
| 67 | 3.00 | 3.68 | 8.18 | 0.00 | 0.00 | 0.00 | 0.000 | 569. | 4 | |
| 68 | 3.00 | 1.43 | 3.16 | 0.00 | 0.00 | 0.00 | 0.000 | 575. | 8 | |
| 69 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.37 | 0.000 | 575. | 12 | |
| 70 | 3.00 | 3.75 | 7.51 | 2.48 | 2.55 | 0.00 | 142.65 | 578. | 7 | |
| 71 | 3.00 | 0.53 | 1.19 | 0.00 | 0.00 | 0.03 | 0.000 | 563. | 13 | |
| 72 | 3.00 | 4.21 | 9.44 | 0.00 | 0.00 | 1.37 | 156.52 | 561. | 8 | |
| 73 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.000 | 586. | 15 | |
| 74 | 3.00 | 1.25 | 1.75 | 3.28 | 3.81 | 0.00 | 286.57 | 583. | 16 | |
| 75 | 3.00 | 4.30 | 9.46 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 11 | |
| 76 | 3.00 | 3.07 | 6.52 | 0.50 | 0.25 | 0.03 | 353.02 | 591. | 8 | |
| 77 | 3.00 | 2.04 | 4.51 | 0.00 | 0.00 | 0.70 | 0.000 | 574. | 10 | |
| 78 | 3.00 | 1.68 | 3.63 | 0.00 | 0.00 | 3.03 | 0.000 | 599. | 17 | |
| 79 | 3.00 | 0.37 | 0.80 | 0.00 | 0.00 | 0.00 | 0.000 | 584. | 13 | |
| 80 | 3.00 | 0.33 | 0.71 | 0.00 | 0.00 | 0.37 | 0.000 | 593. | 15 | |
| 81 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.03 | 0.000 | 585. | 7 | |
| 82 | 3.00 | 0.00 | 0.00 | 2.81 | 3.40 | 0.00 | 0.000 | 604. | 17 | |
| 83 | 3.00 | 0.54 | 1.19 | 0.00 | 0.00 | 0.03 | 0.000 | 587. | 20 | |
| 84 | 3.00 | 2.50 | 5.34 | 0.81 | 0.68 | 0.70 | 68.107 | 564. | 3 | |
| 85 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 14 | |
| 86 | 3.00 | 1.47 | 3.22 | 0.00 | 0.00 | 1.03 | 0.000 | 584. | 2 | |
| 87 | 3.00 | 0.22 | 0.49 | 0.00 | 0.00 | 0.00 | 0.000 | 589. | 20 | |
| 88 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.000 | 594. | 18 | |
| 89 | 3.00 | 0.62 | 1.35 | 0.00 | 0.00 | 3.37 | 0.000 | 583. | 21 | |
| 90 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 19 | |
| 91 | 3.00 | 0.00 | 0.00 | 0.48 | 0.58 | 0.70 | 0.000 | 567. | 11 | |
| 92 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 590. | 23 | |
| 93 | 3.00 | 3.14 | 6.80 | 0.00 | 0.00 | 1.03 | 0.000 | 598. | 7 | |
| 94 | 3.00 | 5.33 | 11.30 | 2.02 | 1.80 | 0.03 | 30.332 | 562. | 1 | |
| 95 | 3.00 | 1.98 | 3.95 | 1.15 | 1.15 | 0.00 | 167.20 | 591. | 14 | |
| 96 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 14 | |
| 97 | 3.00 | 2.63 | 5.77 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 8 | |
| 98 | 3.00 | 1.06 | 2.29 | 0.00 | 0.00 | 0.03 | 0.000 | 601. | 12 | |
| 99 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 595. | 37 | |
| 100 | 3.00 | 1.98 | 4.32 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 16 | |
| 101 | 3.00 | 1.28 | 2.82 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 17 | |
| 102 | 3.00 | 0.00 | 0.00 | 2.59 | 3.13 | 0.37 | 262.17 | 585. | 21 | |
| 103 | 3.00 | 0.32 | 0.71 | 0.00 | 0.00 | 0.00 | 0.000 | 559. | 10 | ISB10A 907 |

20f3

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|------|------|------|------|--------|------|-----|----------------------|
| 104 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.70 | 0.000 | 569. | 19 | 185 ISB10A #96 |
| 105 | 3.00 | 1.29 | 2.26 | 1.89 | 2.14 | 0.70 | 111.75 | 572. | 11 | K |
| 06 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.37 | 0.000 | 579. | 18 | 0 |
| 07 | 3.00 | 1.21 | 2.66 | 0.00 | 0.00 | 0.03 | 0.000 | 577. | 10 | |
| 108 | 3.00 | 0.23 | 0.49 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 21 | |
| 109 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 586. | 22 | |
| 110 | 3.00 | 0.06 | 0.00 | 0.48 | 0.57 | 0.00 | 0.000 | 588. | 11 | |
| 111 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.37 | 0.000 | 592. | 24 | |
| 112 | 3.00 | 0.00 | 0.00 | 1.51 | 1.83 | 0.37 | 0.000 | 589. | 13 | |
| 113 | 3.00 | 2.17 | 4.70 | 0.00 | 0.00 | 0.00 | 0.000 | 596. | 4 | |
| 114 | 3.00 | 1.61 | 3.62 | 0.00 | 0.00 | 2.03 | 0.000 | 554. | 13 | |
| 115 | 3.00 | 0.34 | 0.75 | 0.00 | 0.00 | 3.03 | 0.000 | 581. | 11 | K |
| 116 | 3.00 | 0.17 | 0.38 | 0.00 | 0.00 | 0.03 | 0.000 | 581. | 4 | |
| 117 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 598. | 19 | |
| 118 | 3.00 | 1.73 | 3.16 | 2.15 | 2.39 | 0.00 | 57.272 | 572. | 9 | |
| 119 | 3.00 | 1.49 | 2.98 | 0.83 | 0.83 | 0.00 | 0.000 | 591. | 4 | |
| 120 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 580. | 5 | ISB10A #115 |
| (2 missing vials) | | | | | | | | | | Resurvey |
| 123 | 3.00 | 1.34 | 2.43 | 2.53 | 2.92 | 3.03 | 104.54 | 481. | 9 | ISB10A 19 |
| 124 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.37 | 0.000 | 530. | 14 | 20 |
| 125 | 3.00 | 3.51 | 8.36 | 0.00 | 0.00 | 2.70 | 0.000 | 507. | 16 | 21 |
| 126 | 3.00 | 0.78 | 1.66 | 0.48 | 0.48 | 3.70 | 0.000 | 530. | 7 | 34 |
| 127 | 3.00 | 1.53 | 2.82 | 2.48 | 2.82 | 0.00 | 22.629 | 510. | 2 | 35 |
| 128 | 3.00 | 1.48 | 3.56 | 0.00 | 0.00 | 0.00 | 0.000 | 498. | 6 | 36 |
| 129 | 3.00 | 2.10 | 5.00 | 0.00 | 0.00 | 0.37 | 0.000 | 508. | 9 | 37 |
| 130 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.37 | 0.000 | 564. | 11 | 38 |
| 131 | 3.00 | 2.81 | 6.36 | 0.00 | 0.00 | 0.70 | 0.000 | 552. | 6 | 39 |
| (3 missing vials) | | | | | | | | | | |
| 35 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.000 | 596. | 20 | 811 #16 Acc |
| 136 | 3.00 | 1.09 | 2.35 | 0.20 | 0.11 | 0.00 | 601.89 | 574. | 23 | 2370 #47 |
| | | | | | | | | | | (No fluid 1st count) |

Re-survey of area after
defrosting animal freezer and
transferring water from ICE, which
was contaminated with H-3.

[Signature]

Lakeside - 1SB10B, 1SB10A, 1SB16

Re-count

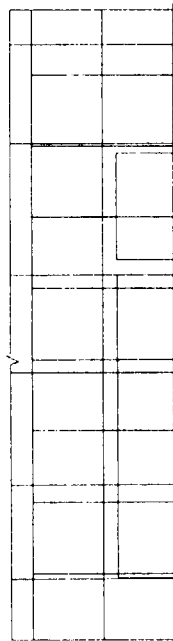
after Decan

Protocol #:26 Name:Decommissioning2 19-Aug-2004 09:42
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction On

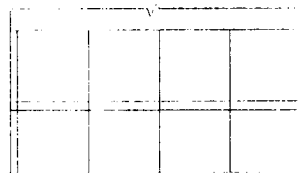
| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|----------|
| 1 | 10.00 | 8.67 | | 9.80 | | 9.40 | 54.372 | 576. | 9 | B |
| 2 | 3.00 | 16507.9 | 421.67 | 115051. | 133957. | 555.25 | 162.63 | 1003 | 0 | E |
| 3 | 3.00 | 103875. | 169332. | 8374.45 | 0.00 | 0.93 | 20.092 | 1004 | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.27 | 0.000 | 991. | 16 | E |
| (2 missing vials) | | | | | | | | | | |
| 7 | 3.00 | 0.00 | 0.00 | 0.20 | 0.24 | 0.00 | 0.000 | 596. | 8 | 1SB10B 1 |
| 8 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.93 | 0.000 | 588. | 11 | |
| 9 | 3.00 | 0.00 | 0.00 | 1.53 | 1.85 | 0.00 | 173.04 | 582. | 7 | |
| 10 | 3.00 | 0.00 | 0.00 | 0.87 | 1.05 | 0.00 | 355.88 | 587. | 4 | |
| 11 | 3.00 | 0.00 | 0.00 | 0.53 | 0.64 | 0.00 | 286.56 | 580. | 6 | |
| 12 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 7 | |
| 13 | 3.00 | 0.00 | 0.00 | 2.13 | 2.57 | 0.00 | 183.07 | 608. | 4 | |
| 14 | 3.00 | 0.53 | 1.17 | 0.00 | 0.00 | 0.00 | 0.000 | 582. | 4 | |
| 15 | 3.00 | 0.25 | 0.59 | 0.00 | 0.00 | 0.27 | 0.000 | 522. | 6 | |
| 16 | 3.00 | 0.19 | 0.42 | 0.00 | 0.00 | 0.00 | 0.000 | 587. | 4 | |
| 17 | 3.00 | 3.03 | 6.64 | 0.00 | 0.00 | 0.00 | 41.713 | 583. | 2 | |
| 18 | 3.00 | 0.00 | 0.00 | 0.87 | 1.05 | 0.00 | 0.000 | 550. | 6 | |
| 19 | 3.00 | 0.00 | 0.00 | 3.13 | 3.79 | 0.27 | 138.11 | 573. | 7 | |
| 20 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 | 0.000 | 558. | 5 | |
| 21 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 583. | 12 | |
| 22 | 3.00 | 0.00 | 0.00 | 1.77 | 2.14 | 0.00 | 94.762 | 549. | 4 | |
| 23 | 3.00 | 0.31 | 0.24 | 1.39 | 1.65 | 3.07 | 56.928 | 584. | 2 | |
| 24 | 3.00 | 1.18 | 2.30 | 0.96 | 1.03 | 0.00 | 161.41 | 578. | 3 | |
| 25 | 3.00 | 0.00 | 0.00 | 0.25 | 0.30 | 0.00 | 0.000 | 591. | 9 | |
| 26 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 585. | 8 | |
| 27 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.93 | 0.000 | 562. | 10 | |
| 28 | 3.00 | 0.00 | 0.00 | 1.53 | 1.86 | 0.00 | 0.000 | 562. | 13 | |
| 29 | 3.00 | 0.00 | 0.00 | 1.70 | 2.06 | 0.00 | 661.21 | 548. | 4 | |
| 30 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 558. | 10 | |
| 31 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 574. | 10 | |
| 32 | 3.00 | 0.00 | 0.00 | 3.21 | 3.89 | 0.00 | 127.95 | 576. | 7 | |
| 33 | 3.00 | 0.58 | 1.28 | 0.00 | 0.00 | 0.00 | 251.52 | 582. | 5 | |
| 34 | 3.00 | 1.15 | 2.34 | 0.60 | 0.60 | 0.00 | 52.375 | 583. | 7 | |
| 35 | 3.00 | 0.00 | 0.00 | 2.21 | 2.67 | 0.93 | 0.000 | 592. | 8 | |
| 36 | 3.00 | 0.00 | 0.00 | 2.86 | 3.46 | 0.27 | 102.99 | 594. | 13 | |
| 37 | 3.00 | 0.00 | 0.00 | 0.33 | 0.40 | 0.00 | 0.000 | 573. | 9 | |
| 38 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 569. | 10 | |
| 39 | 3.00 | 1.92 | 4.16 | 0.00 | 0.00 | 0.00 | 0.000 | 592. | 4 | |
| 40 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 604. | 9 | |
| 41 | 3.00 | 1.40 | 2.43 | 2.03 | 2.29 | 0.00 | 7.954 | 585. | 6 | |
| 42 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 569. | 12 | |
| 43 | 3.00 | 0.00 | 0.00 | 4.83 | 5.83 | 0.60 | 315.19 | 600. | 4 | |
| 44 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.93 | 0.000 | 539. | 8 | |
| 45 | 3.00 | 0.00 | 0.00 | 0.11 | 0.13 | 0.00 | 0.000 | 557. | 10 | |
| 46 | 3.00 | 0.00 | 0.00 | 1.13 | 1.37 | 0.60 | 388.29 | 597. | 7 | |
| 47 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 594. | 9 | 1SB10B41 |

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-------------------|------|------|------|------|------|------|--------|------|-----|--------------|
| 48 | 3.00 | 0.24 | 0.00 | 3.55 | 4.27 | 0.00 | 89.013 | 540. | 5 | ISB10B42 |
| 49 | 3.00 | 0.75 | 1.74 | 0.00 | 0.00 | 0.00 | 0.000 | 522. | 6 | |
| 50 | 3.00 | 0.00 | 0.00 | 0.86 | 1.04 | 0.00 | 0.000 | 543. | 11 | |
| 51 | 3.00 | 0.00 | 0.00 | 1.63 | 1.97 | 0.00 | 0.000 | 578. | 8 | ISB10B45 |
| (1 missing vial) | | | | | | | | | | |
| 53 | 3.00 | 0.00 | 0.00 | 2.17 | 2.62 | 0.00 | 98.978 | 596. | 5 | ISB10A #35/3 |
| 54 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 581. | 9 | ISB10A #36 |
| (6 missing vials) | | | | | | | | | | |
| 61 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 6 | ISB10 #1 |
| 62 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.93 | 0.000 | 563. | 8 | |
| 63 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 538. | 10 | |
| 64 | 3.00 | 0.00 | 0.00 | 0.94 | 1.15 | 0.00 | 0.000 | 510. | 2 | |
| 65 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 487. | 7 | |
| 66 | 3.00 | 0.00 | 0.00 | 1.41 | 1.71 | 0.00 | 0.000 | 516. | 17 | |
| 67 | 3.00 | 2.08 | 4.69 | 0.09 | 0.00 | 0.00 | 0.000 | 550. | 2 | |
| 68 | 3.00 | 1.67 | 3.65 | 0.50 | 0.40 | 0.00 | 0.000 | 544. | 2 | |
| 69 | 3.00 | 1.89 | 4.09 | 0.53 | 0.41 | 0.27 | 39.002 | 556. | 6 | |
| 70 | 3.00 | 0.00 | 0.00 | 0.87 | 1.05 | 0.60 | 0.000 | 528. | 6 | |
| 71 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 559. | 2 | |
| 72 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.93 | 0.000 | 515. | 7 | |
| 73 | 3.00 | 0.00 | 0.00 | 2.82 | 3.43 | 0.00 | 20.236 | 497. | 5 | |
| 74 | 3.00 | 0.00 | 0.00 | 2.53 | 3.07 | 0.00 | 0.000 | 535. | 12 | |
| 75 | 3.00 | 0.00 | 0.00 | 1.53 | 1.86 | 0.00 | 0.000 | 504. | 7 | |
| 76 | 3.00 | 0.92 | 2.11 | 0.00 | 0.00 | 0.00 | 0.000 | 537. | 2 | |
| 77 | 3.00 | 0.56 | 1.30 | 0.00 | 0.00 | 0.00 | 0.000 | 523. | 9 | |
| 78 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.93 | 0.000 | 533. | 7 | |
| 79 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 515. | 10 | X |
| 80 | 3.00 | 0.00 | 0.00 | 2.20 | 2.68 | 0.00 | 222.08 | 494. | 4 | |
| 81 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 544. | 7 | |
| 82 | 3.00 | 0.00 | 0.00 | 1.55 | 1.88 | 0.00 | 0.000 | 506. | 6 | |
| 83 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.27 | 0.000 | 539. | 7 | |
| 84 | 3.00 | 0.41 | 0.92 | 0.00 | 0.00 | 4.27 | 0.000 | 547. | 0 | |
| 85 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 503. | 8 | |
| 86 | 3.00 | 0.00 | 0.00 | 0.20 | 0.24 | 0.00 | 0.000 | 523. | 9 | |
| 87 | 3.00 | 0.00 | 0.00 | 0.53 | 0.64 | 0.00 | 0.000 | 581. | 15 | |
| 88 | 3.00 | 0.00 | 0.00 | 3.03 | 3.67 | 0.00 | 594.37 | 568. | 4 | |
| 89 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 597. | 6 | X |
| 90 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 591. | 15 | |
| 91 | 3.00 | 0.00 | 0.00 | 1.14 | 1.38 | 0.00 | 312.88 | 598. | 5 | |
| 92 | 3.00 | 0.00 | 0.00 | 4.20 | 5.08 | 0.27 | 227.84 | 594. | 7 | |
| 93 | 3.00 | 0.00 | 0.00 | 0.20 | 0.24 | 0.00 | 0.000 | 601. | 21 | |
| 94 | 3.00 | 0.00 | 0.00 | 0.53 | 0.64 | 0.00 | 419.97 | 606. | 2 | |
| 95 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 603. | 7 | |
| 96 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 608. | 7 | |
| 97 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1204.7 | 575. | 11 | |
| 98 | 3.00 | 0.89 | 1.95 | 0.00 | 0.00 | 0.00 | 0.000 | 588. | 2 | |
| 99 | 3.00 | 0.00 | 0.00 | 0.87 | 1.05 | 0.60 | 0.000 | 565. | 2 | X |
| 100 | 3.00 | 0.00 | 0.00 | 2.19 | 2.64 | 0.00 | 106.13 | 577. | 2 | |
| 101 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 128.38 | 579. | 11 | |
| 102 | 3.00 | 1.10 | 2.41 | 0.00 | 0.00 | 0.27 | 0.000 | 580. | 4 | |
| 103 | 3.00 | 0.00 | 0.00 | 0.85 | 1.02 | 0.00 | 0.000 | 595. | 13 | |
| 104 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 579. | 2 | |
| 105 | 3.00 | 0.00 | 0.00 | 1.53 | 1.85 | 0.60 | 82.025 | 569. | 5 | |
| 106 | 3.00 | 0.00 | 0.00 | 0.53 | 0.65 | 0.00 | 0.000 | 556. | 8 | |
| 107 | 3.00 | 0.00 | 0.00 | 2.10 | 2.54 | 1.93 | 0.000 | 558. | 7 | |
| 108 | 3.00 | 0.00 | 0.00 | 0.98 | 1.19 | 0.00 | 0.000 | 576. | 7 | ISB10 #48 |

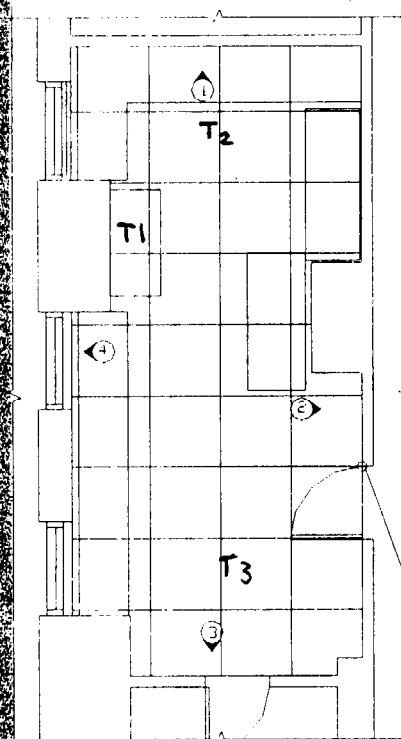
| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|-----|------|------|------|------|------|------|--------|------|------|----------|
| 109 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 577. | 11 | SRIG #49 |
| 110 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 560. | 14 | |
| 111 | 3.00 | 1.15 | 1.82 | 2.27 | 2.61 | 0.00 | 92.945 | 582. | 6 | |
| 112 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 570. | 7 | |
| 113 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 573. | 10 | |
| 114 | 3.00 | 0.00 | 0.00 | 3.06 | 3.70 | 0.60 | 0.000 | 564. | 6 | |
| 115 | 3.00 | 0.00 | 0.00 | 1.81 | 2.19 | 0.00 | 0.000 | 570. | 15 | |
| 116 | 3.00 | 0.00 | 0.00 | 1.87 | 2.26 | 0.60 | 281.11 | 555. | 4 | |
| 117 | 3.00 | 0.00 | 0.00 | 0.69 | 0.83 | 0.00 | 0.000 | 569. | 6 | |
| 118 | 3.00 | 0.00 | 0.00 | 0.53 | 0.65 | 0.00 | 0.000 | 557. | 7 | |
| 119 | 3.00 | 0.22 | 0.00 | 2.20 | 2.64 | 0.00 | 65.366 | 568. | 6X | |
| 120 | 3.00 | 0.00 | 0.00 | 0.87 | 1.05 | 0.00 | 0.000 | 585. | 6 | |
| 121 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 571. | 9 | |
| 122 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.93 | 0.000 | 596. | 10 | |
| 123 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 576. | 10 | |
| 124 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 567. | 7 | |
| 125 | 3.00 | 0.00 | 0.00 | 2.87 | 3.47 | 0.00 | 0.000 | 591. | 7 | |
| 126 | 3.00 | 0.00 | 0.00 | 1.53 | 1.85 | 0.93 | 0.000 | 592. | 11 | |
| 127 | 3.00 | 0.00 | 0.00 | 1.87 | 2.26 | 0.00 | 0.000 | 540. | 11 | |
| 128 | 3.00 | 0.00 | 0.00 | 0.87 | 1.05 | 0.00 | 0.000 | 527. | 10 | |
| 129 | 3.00 | 0.00 | 0.00 | 0.15 | 0.19 | 0.00 | 0.000 | 497. | 17XX | |
| 130 | 3.00 | 0.41 | 0.95 | 0.00 | 0.00 | 0.00 | 0.000 | 527. | 11 | |
| 131 | 3.00 | 0.00 | 0.00 | 1.69 | 2.06 | 0.00 | 0.000 | 516. | 4 | |
| 132 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 564. | 14 | |
| 133 | 3.00 | 0.00 | 0.00 | 0.15 | 0.18 | 0.00 | 0.000 | 497. | 13 | |
| 134 | 3.00 | 1.27 | 2.90 | 0.00 | 0.00 | 0.62 | 79.621 | 545. | 6 | |
| 135 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 449. | 10 | |
| 136 | 3.00 | 0.00 | 0.00 | 1.06 | 1.29 | 0.00 | 80.005 | 549. | 15 | |
| 137 | 3.00 | 0.00 | 0.00 | 1.18 | 1.43 | 0.00 | 286.49 | 545. | 7 | |
| 138 | 3.00 | 0.34 | 0.21 | 1.80 | 2.14 | 0.00 | 26.044 | 552. | 3 | |
| 139 | 3.00 | 0.00 | 0.00 | 0.42 | 0.51 | 0.00 | 0.000 | 507. | 18 | |
| 140 | 3.00 | 0.00 | 0.00 | 5.48 | 6.68 | 0.00 | 80.466 | 468. | 5 | |
| 141 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 572. | 11 | SRIG #81 |



④ ELEVATION

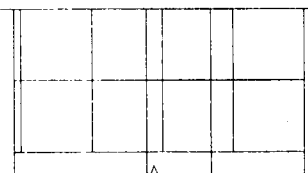


① ELEVATION

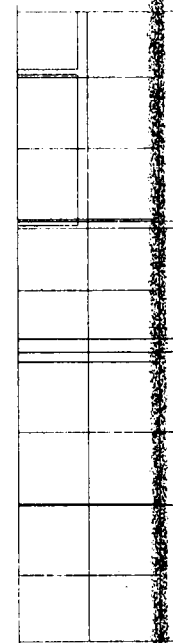


ROOM 813

START GRID HERE —



③ ELEVATION



② ELEVATION

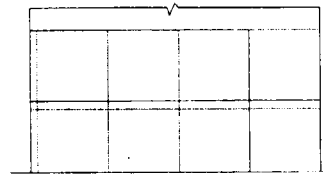
Tritium Readings

T₁: Sink (Stainless) - 323

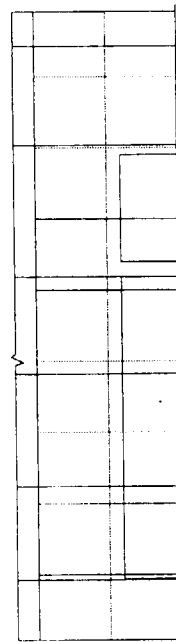
T₂: Floor (Vinyl Tile) - 380

T₃: Bench Top (Stone) - 246

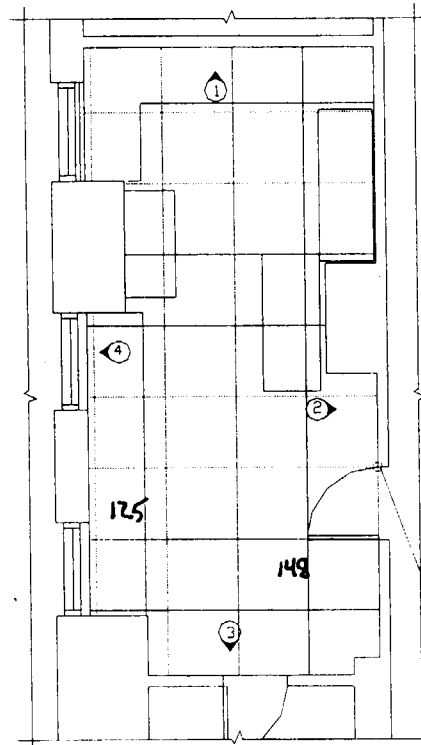
7.30.04 Ae



① ELEVATION

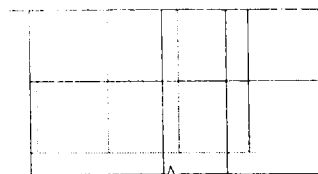


④ ELEVATION

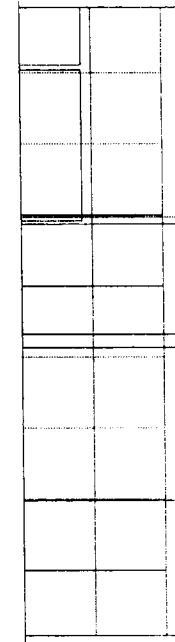


ROOM 813

START GRID HERE



③ ELEVATION



② ELEVATION

Post-Decontamination Tritium Reading 5

125 = 329

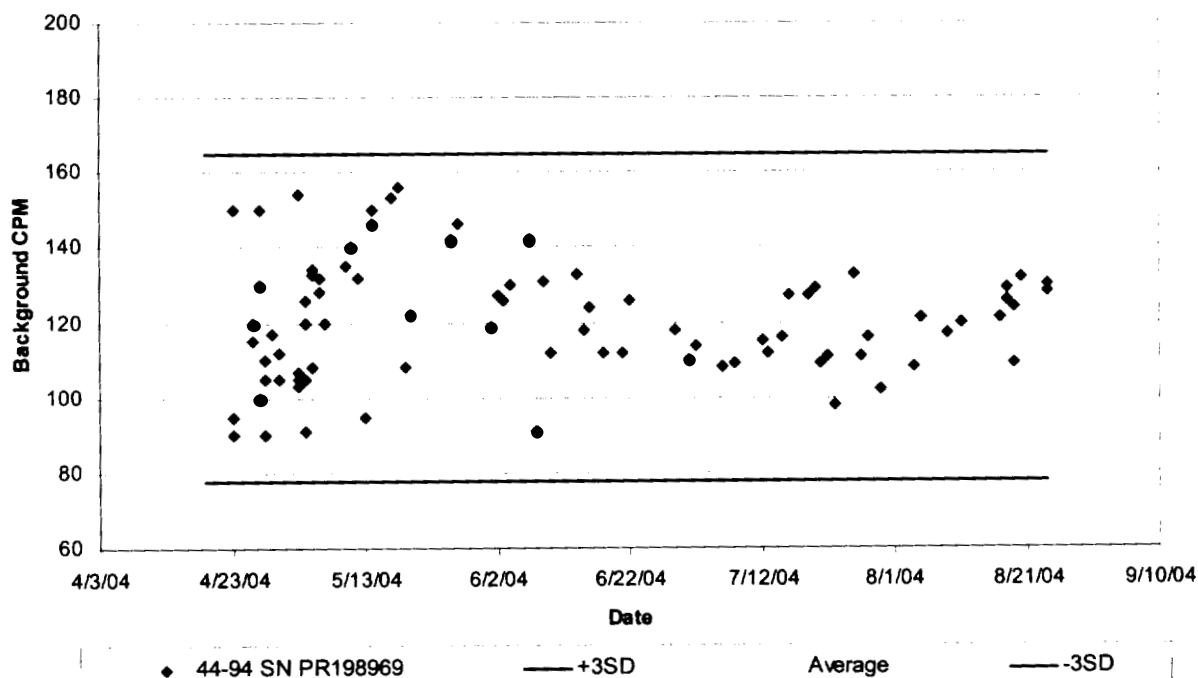
148 = No reading taken (cabinet door)

9.2.04
AC

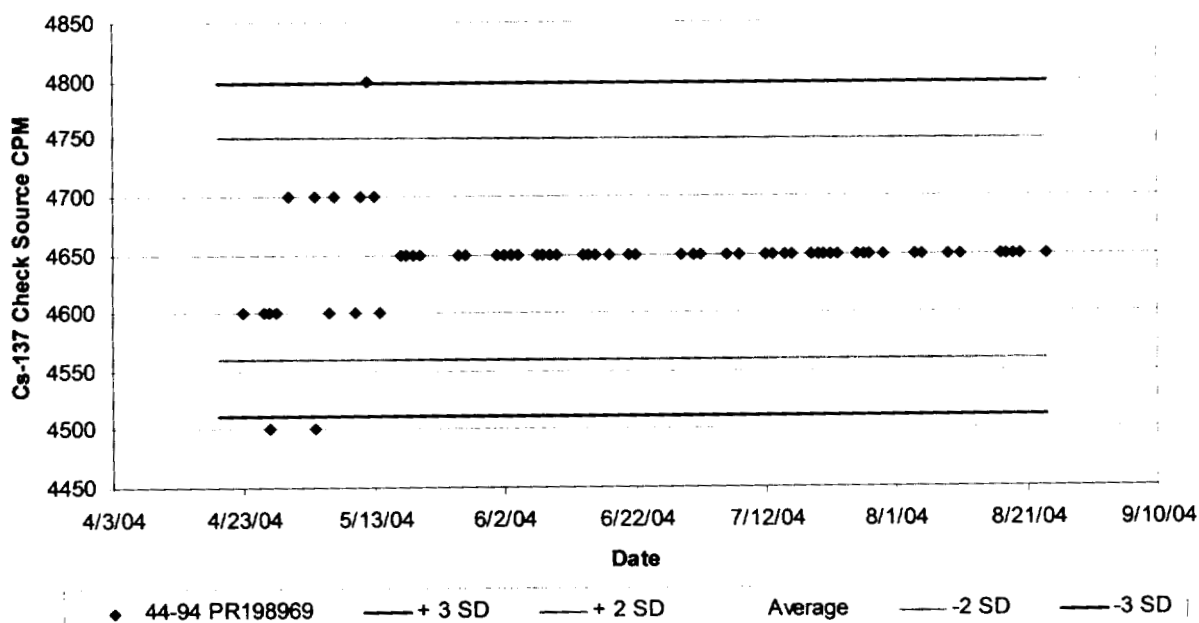
APPENDIX C

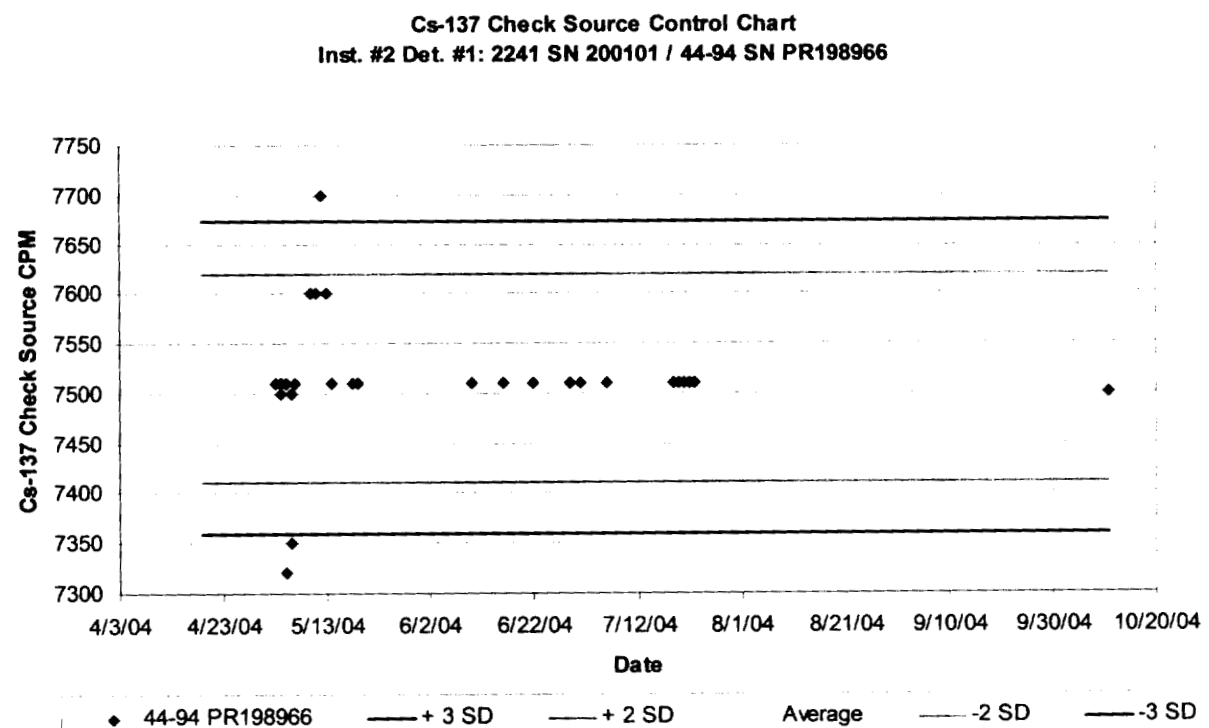
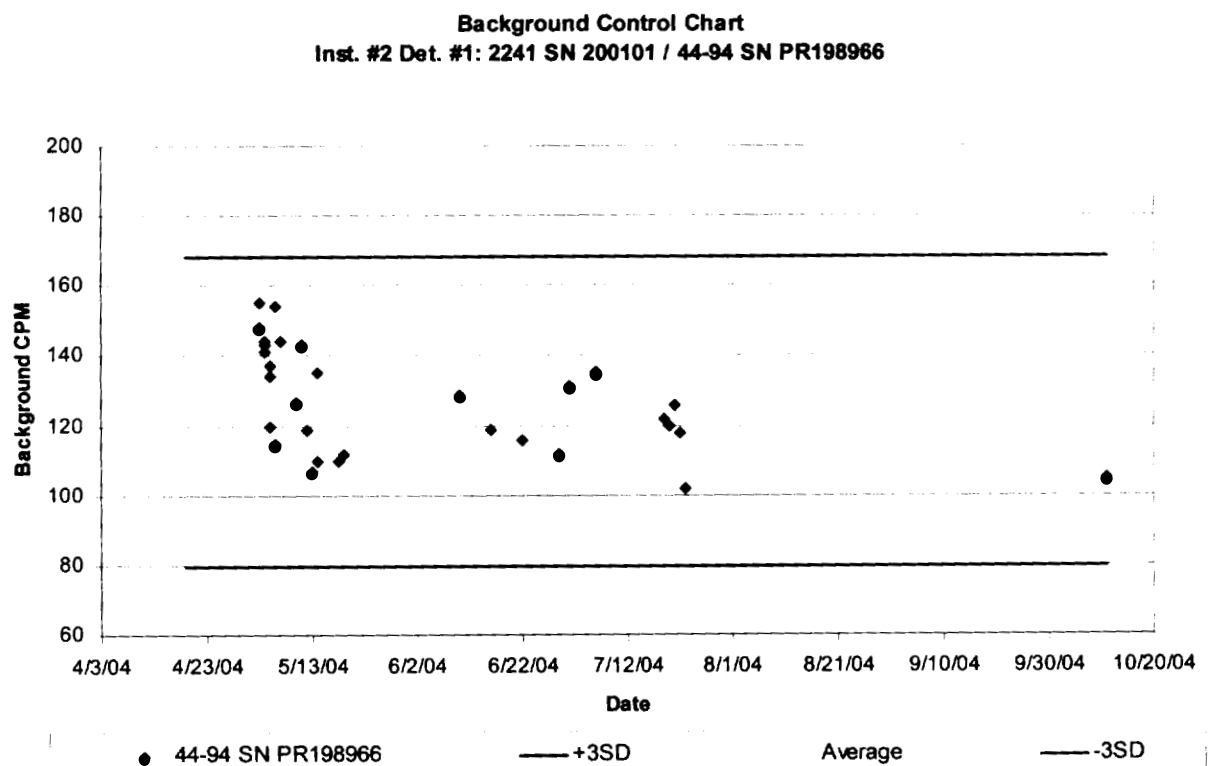
Survey Instrument QC Charts and Calibration Certificates

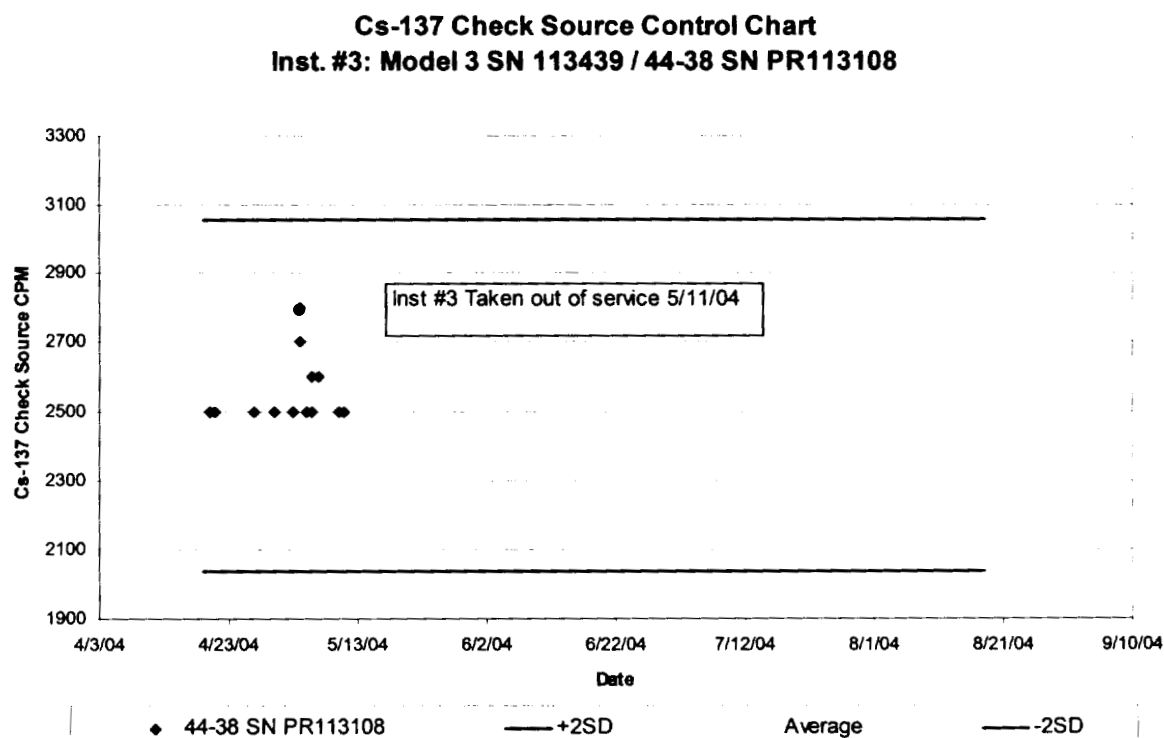
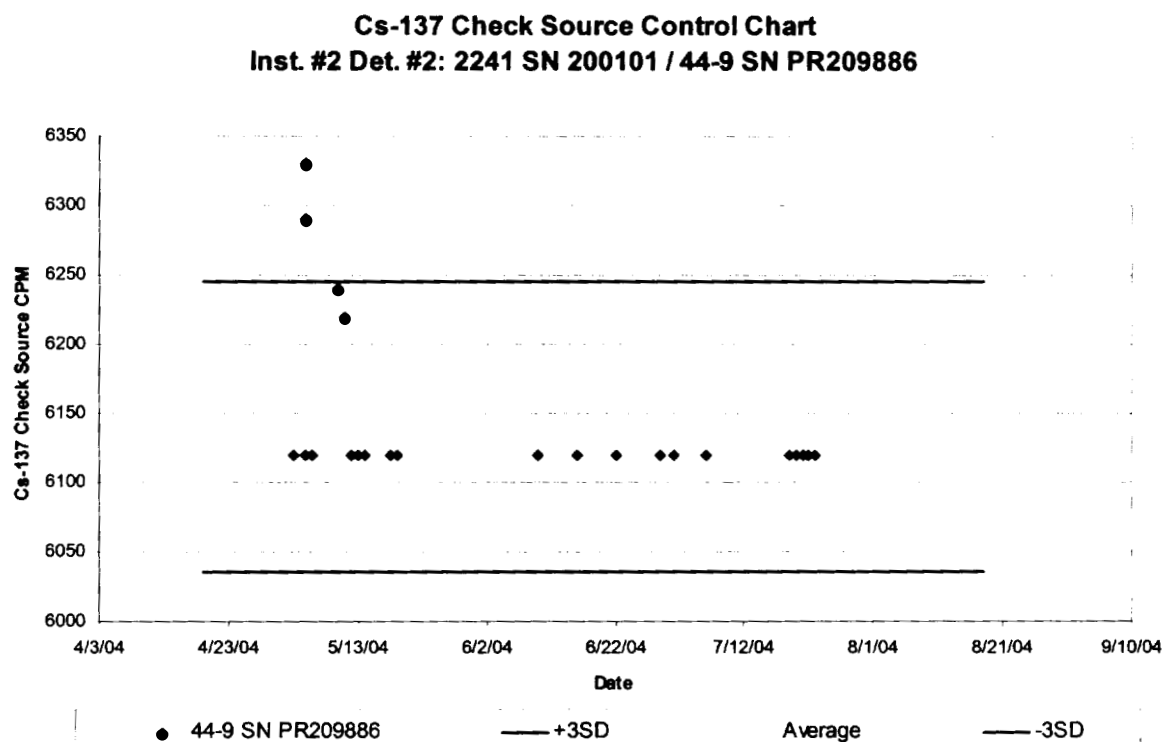
Background Control Chart
Inst. #1: 2241 SN 203640 / 44-94 SN PR198969



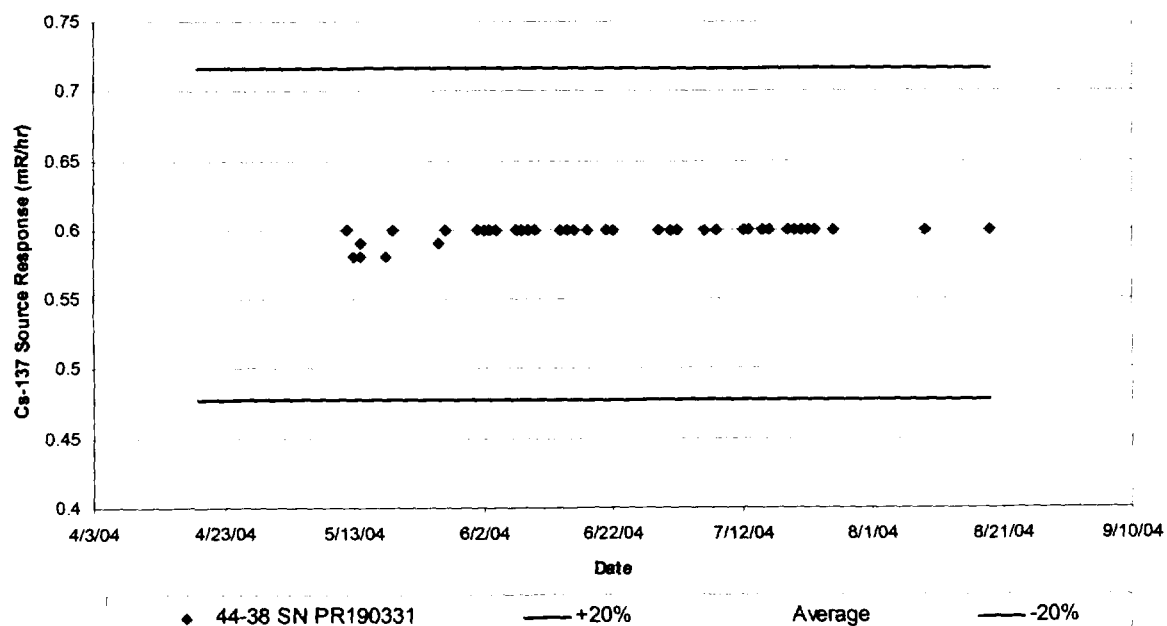
Cs-137 Check Source Control Chart
Inst. #1: 2241 SN 203640 / 44-94 SN PR198969



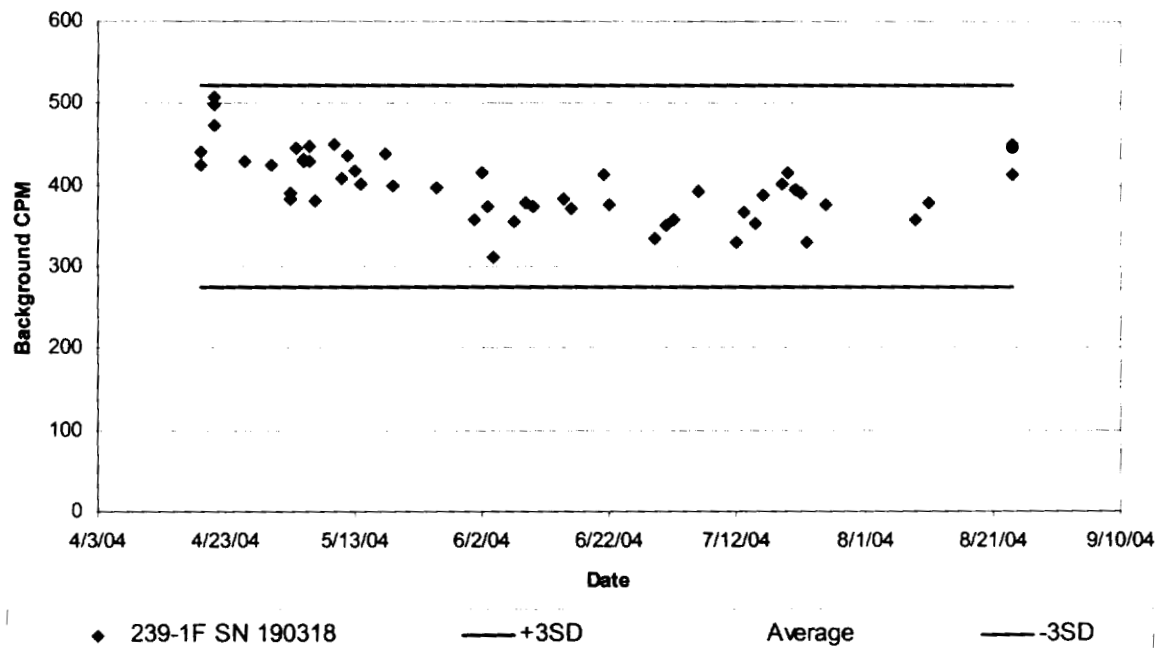




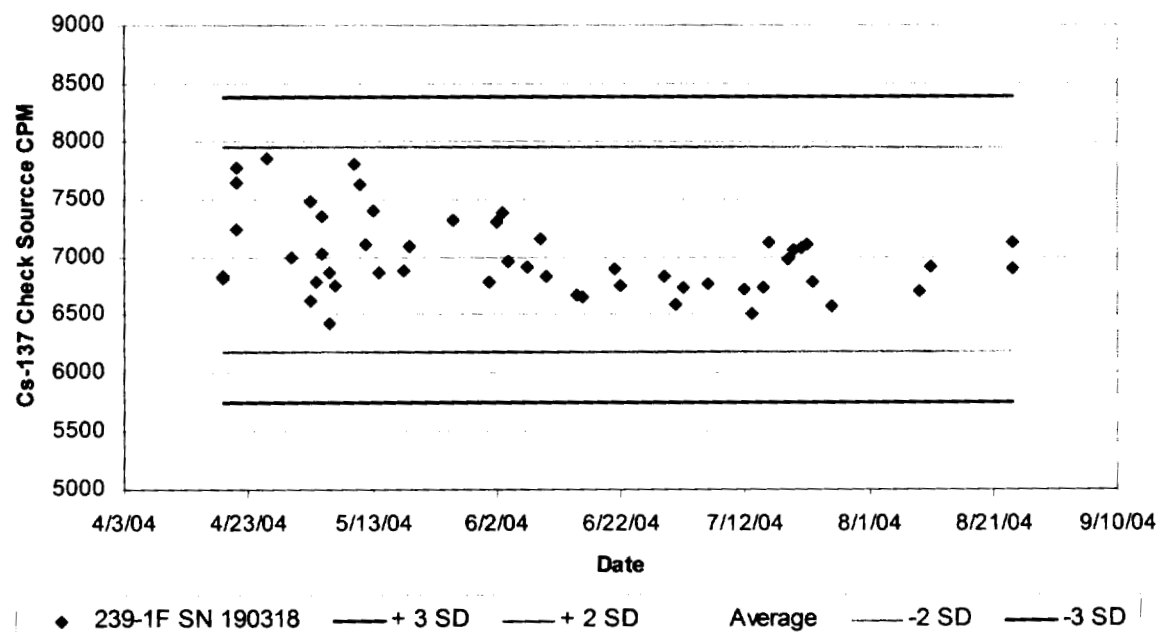
Cs-137 Check Source Control Chart
Inst. #4: Model 14C SN 113052 / 44-38 SN PR190331



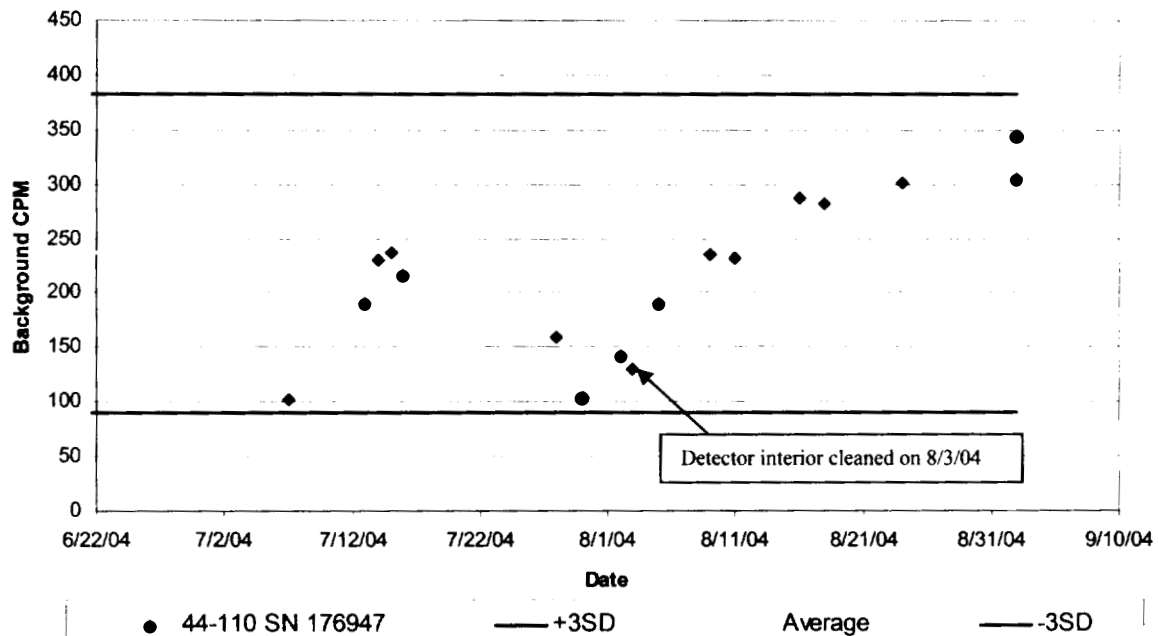
Background Control Chart
Floor Monitor: 239-1F SN 190318



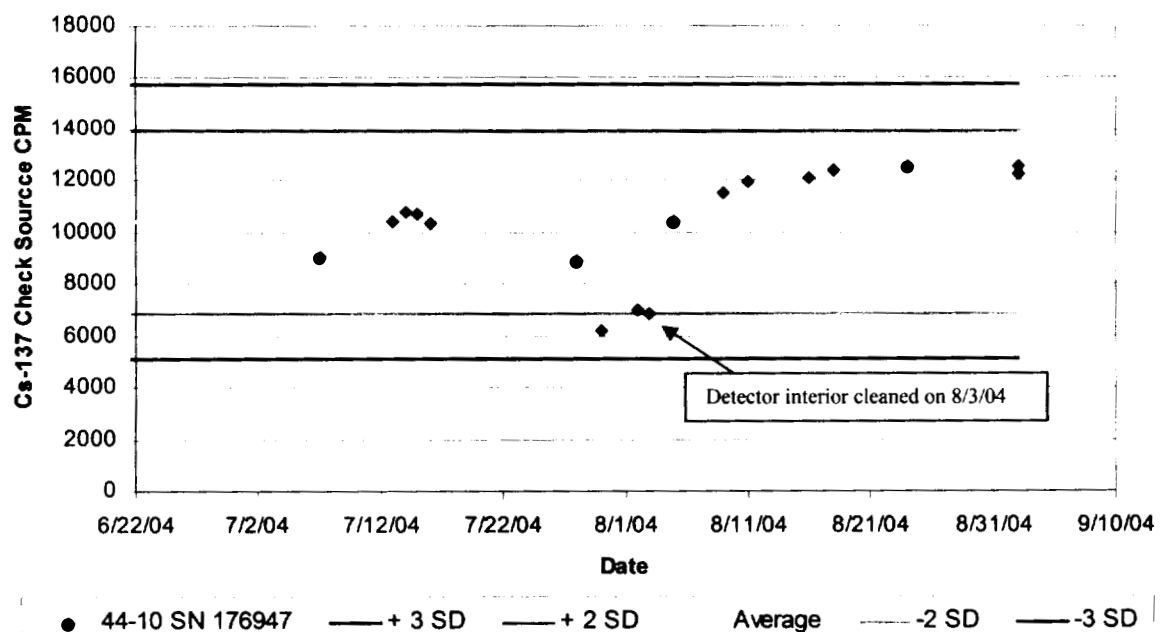
Cs-137 Check Source Control Chart
Floor Monitor: 239-1F SN 190318



Background Control Chart
Tritium Monitor: 2121 SN 176947 / 44-110 SN PR178079



Cs-137 Check Source Control Chart
Tritium Monitor: 2121 SN 176947 / 44-110 SN PR178079



Instrument # 1

PANCAKE CLUSTER RE-CALIBRATION

Right pancake tube broken, replaced 07/07/04

Date: 7/7/2004

Calibration By: D. Derenzo

| Meter Identification | |
|----------------------|---------------------------------|
| Make: | Ludlum |
| Model: | 2241 |
| Serial Number: | 208640 203640 <i>07/7/04</i> |

| Detector Identification | |
|-------------------------|--------------------|
| Make: | Ludlum |
| Model: | 44094 |
| Serial No.: | PR198969 |
| Detector Area: | 50 cm ² |

| | | | |
|--------------------------|-----|-----|-----------------------|
| 1 Min. Background Counts | 134 | 141 | Average BG: 137.5 cpm |
|--------------------------|-----|-----|-----------------------|

| Calibration Source Information | | | | | | |
|--------------------------------|----------|--------|---------------|-------------------------------|------------|------------------|
| Manufacturer | Model # | S/N | Radio-nuclide | Calibration Activity μ Ci | Cal Date | Current Activity |
| DuPont Pharma | NES-200A | 122294 | C-14 | 0.146 | 12/22/1994 | 5.3958 kBq |
| DuPont Pharma | NES-200D | 112294 | Cl-36 | 0.0208 | 11/22/1994 | 0.7698 kBq |
| DuPont Pharma | NES-133S | 011095 | Na-22 | 1.12 | 1/10/1995 | 3.3081 kBq |

| | COUNT RATE, CPM | | | | | AVERAGE 4 π EFFICIENCY |
|-------|-----------------|--------|-------|-------|---------|----------------------------|
| | TOP | BOTTOM | RIGHT | LEFT | AVERAGE | |
| C-14 | 20900 | 20672 | 22691 | 22644 | 21756 | 0.0668 |
| | 20903 | 20575 | 23069 | 22594 | | |
| Cl-36 | | | | | 0 | N/A |
| Na-22 | | | | | 0 | N/A |

PANCAKE CLUSTER CALIBRATION

Date: 7/1/2004

Calibration By: D. Derenzo

| Meter Identification | |
|----------------------|--------|
| Make: | Ludlum |
| Model: | 2241 |
| Serial Number: | 208640 |

| Detector Identification | |
|-------------------------|--------------------|
| Make: | Ludlum |
| Model: | 44094 |
| Serial No.: | PR198969 |
| Detector Area: | 15 cm ² |

| | | | |
|--------------------------|-----|-----|-----------------------|
| 1 Min. Background Counts | 202 | 178 | Average BG: 190.0 cpm |
|--------------------------|-----|-----|-----------------------|

| Calibration Source Information | | | | | | |
|--------------------------------|----------|--------|---------------|-------------------------------|------------|------------------|
| Manufacturer | Model # | S/N | Radio-nuclide | Calibration Activity μ Ci | Cal Date | Current Activity |
| DuPont Pharma | NES-200A | 122294 | C-14 | 0.146 | 12/22/1994 | 5.3958 kBq |
| DuPont Pharma | NES-200D | 112294 | Cl-36 | 0.0208 | 11/22/1994 | 0.7698 kBq |
| DuPont Pharma | NES-133S | 011095 | Na-22 | 1.12 | 1/10/1995 | 3.3226 kBq |

| | COUNT RATE, CPM | | | | | AVERAGE 4 π EFFICIENCY |
|-------|-----------------|--------|-------|-------|-----------|----------------------------|
| | TOP | BOTTOM | RIGHT | LEFT | AVERAGE | |
| C-14 | 21884 | 20863 | 22561 | 22256 | 21662.875 | 0.0663 |
| | 20499 | 20597 | 22564 | 22079 | | |
| Cl-36 | 17357 | 18110 | 19355 | 17949 | 18132.125 | 0.3885 |
| | 17396 | 17770 | 19392 | 17728 | | |
| Na-22 | 2110 | 2377 | 2265 | 2275 | 2254.5 | 0.0104 |
| | 2147 | 2273 | 2329 | 2260 | | |

Dave Derenzo



Scientific and Industrial
Instruments

CERTIFICATE OF CALIBRATION

POST OFFICE BOX 810 PH. 325-235-5494
501 OAK STREET FAX NO. 325-235-4672
SWEETWATER, TEXAS 79556, U.S.A.

CUSTOMER V A MEDICAL CENTER

ORDER NO. 208667

Mfg. Ludlum Measurements, Inc. Model 2241

Serial No. 203640

Mfg. Ludlum Measurements, Inc. Model 44-94

Serial No. PR 198969

Cal. Date 11-Feb-04 Cal Due Date 11-Feb-05 Cal. Interval 1 Year Meterface NA

Check mark ☒ applies to applicable instr. and/or detector IAW mfg. spec. T. 74 °F RH 29 % Alt 701.8 mm Hg

☒ New Instrument Instrument Received ☐ Within Toler. $\pm 10\%$ ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☒ Mechanical ck. ☐ Meter Zeroed ☐ Background Subtract ☐ Input Sens. Linearity

☒ F/S Resp. ck. ☒ Reset ck. ☐ Window Operation

☒ Audio ck. ☒ Alarm Setting ck. ☒ Batt. ck. (Min. Volt) 2.2 VDC

☒ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89. ☐ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 900 V Input Sens. 35 mV Det. Oper. 900 V at 35 mV Threshold Dial Ratio = mV

COMMENTS:

Det.1(cpm) 44-94 Overload checked but not set.

Deadtime Correction: 61µSec Firmware#: P04-08

Calibration Constant: 100e-2

Ratemeter Alarm: 50.0kcpm

Ratemeter Alert: 20.0kcpm

Cs-137 ≈ 1 µCi check source SN 2883 reads ≈ 4.65 kcpm (this reading reflects an average of all 4 pancakes). Source reading was obtained by placing protective screen on source holder with holder door open. 2241 set to ratemeter position.

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

| RANGE/MULTIPLIER | REFERENCE CAL. POINT | INSTRUMENT REC'D "AS FOUND READING" | INSTRUMENT METER READING* |
|------------------|-------------------------|--|------------------------------|
| AUTO | | | |
| AUTO | | | |
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| " | | | |

*Uncertainty within $\pm 10\%$ C.F. within $\pm 20\%$

Range(s) Calibrated Electronically

| REFERENCE CAL. POINT | INSTRUMENT RECEIVED | INSTRUMENT METER READING* | REFERENCE CAL. POINT | INSTRUMENT RECEIVED | INSTRUMENT METER READING* |
|-------------------------|------------------------|------------------------------|-------------------------|------------------------|------------------------------|
| Ratemeter Readout | | | Scaler Readout | | |
| 800K cpm | | 799 Kc/m | 800K cpm | | 79946(0) |
| 200K cpm | | 199 Kc/m | 200K cpm | | 19983(0) |
| 80K cpm | | 79.9 Kc/m | 80K cpm | | 7995(0) |
| 20K cpm | | 19.9 Kc/m | 20K cpm | | 1998(0) |
| 8K cpm | | 7.99 Kc/m | 8K cpm | | 800(0) |
| 2K cpm | | 1.99 Kc/m | 2K cpm | | 199(0) |
| 800 cpm | | 800 C/m | 800 cpm | | 80(0) |
| 200 cpm | | 199 C/m | 200 cpm | | 20(0) |

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques. The calibration system conforms to the requirements of ANSI/NCCL Z540-1-1994 and ANSI N323-1978. State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources:

Cs-137 Gamma S/N ☐ 1162 ☐ G112 ☐ M565 ☐ 5105 ☐ T1008 ☐ T879 ☐ E552 ☐ E551 ☐ 720 ☐ 734 ☒ 1616 ☐ Neutron Am-241 Be S/N T-304

☐ Alpha S/N ☐ Beta S/N ☐ Other

☒ m 500 S/N 38120 ☐ Oscilloscope S/N ☒ Multimeter S/N 78401030

Calibrated By: Leana Ostegren Date 11-Feb-04

Reviewed By: Eric Nelson Date 11-Feb-04



CONVERSION CHART

Customer V A MEDICAL CENTER Date 11-Feb-04 Order # 208667

Model 2241 Serial No. 203640 Detector Model 44-94 Serial No. ⁴⁰AR 1988 PR 198969

Source CS-137 42.4 mCi

High Voltage 900 V

Count time 12 seconds Ratemeter

Input Sensitivity 35 mV

| Reference Point | "As Found" Readings: | | After Adjustment Readings: | |
|-----------------|----------------------|--------------|----------------------------|--------------|
| | with Deadtime | w/o Deadtime | with Deadtime | w/o Deadtime |
| <u>80 mR/hr</u> | | | <u>986 k c/m</u> | <u>NA</u> |
| <u>20 mR/hr</u> | | | <u>262 k c/m</u> | |
| <u>8 mR/hr</u> | | | <u>102 k c/m</u> | |
| <u>6 mR/hr</u> | | | <u>79.5 k c/m</u> | |
| <u>2 mR/hr</u> | | | <u>26.1 k c/m</u> | |
| <u>1 mR/hr</u> | | | <u>13.0 k c/m</u> | |
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Signature: Leona Ortega

Date 11-Feb-04

Instrument # 2A

PANCAKE CLUSTER CALIBRATION

Date: 7/12/2004

Calibration By: D. Derenzo

| Meter Identification | |
|----------------------|--------|
| Make: | Ludlum |
| Model: | 2241-3 |
| Serial Number: | 200101 |

| Detector Identification | |
|-------------------------|--------------------|
| Make: | Ludlum |
| Model: | 44-94 |
| Serial No.: | PR198966 |
| Detector Area: | 50 cm ² |

| | | | |
|--------------------------|-----|-----|-----------------------|
| 1 Min. Background Counts | 143 | 125 | Average BG: 134.0 cpm |
|--------------------------|-----|-----|-----------------------|

| Calibration Source Information | | | | | | |
|--------------------------------|----------|--------|---------------|-------------------------------|------------|------------------|
| Manufacturer | Model # | S/N | Radio-nuclide | Calibration Activity μ Ci | Cal Date | Current Activity |
| DuPont Pharma | NES-200A | 122294 | C-14 | 0.146 | 12/22/1994 | 5.3958 kBq |
| DuPont Pharma | NES-200D | 112294 | Cl-36 | 0.0208 | 11/22/1994 | 0.7698 kBq |
| DuPont Pharma | NES-261 | 122794 | Sr-90 | 0.0217 | 12/27/1994 | 0.6366 kBq |

| | COUNT RATE, CPM | | | | | AVERAGE 4 π EFFICIENCY |
|-------|-----------------|--------|-------|-------|----------|----------------------------|
| | TOP | BOTTOM | RIGHT | LEFT | AVERAGE | |
| C-14 | 21064 | 19705 | 20046 | 20394 | 20229.75 | 0.0621 |
| | 21120 | 19676 | 19490 | 20343 | | |
| Cl-36 | 18248 | 16268 | 16357 | 15729 | 16546.25 | 0.3554 |
| | 17975 | 15869 | 16284 | 15640 | | |
| Sr-90 | 30231 | 26421 | 26240 | 25645 | 26946.25 | 0.7019 |
| | 29860 | 25827 | 26330 | 25016 | | |

Instrument #2A

PANCAKE DETECTOR CALIBRATION

Date: 5/6/2004

Calibration By: D. Derenzo

| Meter Identification | |
|----------------------|--------|
| Make: | Ludlum |
| Model: | 2241-3 |
| Serial Number: | 200101 |

| Detector Identification | |
|-------------------------|--------------------|
| Make: | Ludlum |
| Model: | 44-9 |
| Serial No.: | PR209886 |
| Detector Area: | 12 cm ² |

| | | | |
|--------------------------|----|----|----------------------|
| 1 Min. Background Counts | 32 | 41 | Average BG: 36.5 cpm |
|--------------------------|----|----|----------------------|

| Calibration Source Information | | | | | | |
|--------------------------------|----------|--------|---------------|-------------------------------|------------|------------------|
| Manufacturer | Model # | S/N | Radio-nuclide | Calibration Activity μ Ci | Cal Date | Current Activity |
| DuPont Pharma | NES-200A | 122294 | C-14 | 0.146 | 12/22/1994 | 5.3959 kBq |
| DuPont Pharma | NES-250 | 042594 | Pm-147 | 0.114 | 4/25/1994 | 0.2979 kBq |
| DuPont Pharma | NES-200B | 052093 | Tc-99 | 0.037 | 5/20/1993 | 1.3690 kBq |
| DuPont Pharma | NES-200D | 112294 | Cl-36 | 0.0208 | 11/22/1994 | 0.7696 kBq |
| DuPont Pharma | NES-200F | 121093 | Bi-210 | 0.0176 | 12/10/1993 | 0.4713 kBq |
| DuPont Pharma | NES-261 | 122794 | Sr-90 | 0.0217 | 12/27/1994 | 0.6395 kBq |

| | COUNTS IN 1 MIN | | | AVERAGE 4 π EFFICIENCY |
|--------|-----------------|---------|---------|----------------------------|
| | Count 1 | Count 2 | Average | |
| C-14 | 16873 | 16858 | 16866 | 0.0520 |
| Pm-147 | 1638 | 1593 | 1616 | 0.0884 |
| Tc-99 | 13946 | 13641 | 13794 | 0.1675 |
| Cl-36 | 15006 | 14808 | 14907 | 0.3220 |
| Bi-210 | 8624 | 8569 | 8597 | 0.3027 |
| Sr-90 | 23817 | 23407 | 23612 | 0.6145 |



Scientific and Industrial
Instruments

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501 OAK STREET FAX NO. 325-235-4672
SWEETWATER, TEXAS 79556, U.S.A.

CUSTOMER V A MEDICAL CENTER

ORDER NO. 208667

Mfg. Ludlum Measurements, Inc. Model 2241-3 Serial No. 200101

Mfg. Ludlum Measurements, Inc. Model 44-94 Serial No. PR198966

Cal. Date 11-Feb-04 Cal Due Date 11-Feb-05 Cal. Interval 1 Year Meterface NA

Check mark ☒ applies to applicable instr. and/or detector IAW mfg. spec. T. 74 °F RH 29 % Alt 701.8 mm Hg

☒ New Instrument ☐ Instrument Received ☐ Within Toler. $\pm 10\%$ ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☒ Mechanical ck. ☐ Meter Zeroed ☐ Background Subtract ☐ Input Sens. Linearity

☒ F/S Resp. ck. ☒ Reset ck. ☐ Window Operation

☒ Audio ck. ☒ Alarm Setting ck. ☒ Batt. ck. (Min. Volt) 2.2 VDC

☒ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89. ☐ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set Comments V Input Sens. 30 mV Det. Oper. Comments V at 30 mV Threshold Dial Ratio = mV

COMMENTS:

| | Det.1 (cpm) | Det.2 (cpm) | Det.3 (cpm) | Det.4 (cpm) | Firmware#: |
|-----------------------|-------------|-------------|-------------|-------------|---|
| Deadtime Correction: | 67µSec | 80µSec | 5µSec | 5µSec | P-06-12 |
| Calibration Constant: | 100e-2 | 100e-2 | 100e-2 | 100e-2 | High Voltage for 44-10 and 44-17 set with detector connected. |
| Ratemeter Alarm: | 50.0kcpm | 50.0kcpm | 50.0kcpm | 20.0kcpm | |
| Ratemeter Alert: | 20.0kcpm | 20.0kcpm | 20.0kcpm | 20.0kcpm | |
| High Voltage: | 900v | 900v | 1200v | 1100v | |

Cs-137=1µCi check source SN 2796 reads in ratemeter position as follows: Det.1=7.51kcpm (this reading reflects an average of all 4 pancakes) with protective screen of 44-94 placed against open source holder. Det.2=6.12kcpm with protective screen of 44-9 placed against open source holder. Det.3=105kcpm with open end of 44-17 placed against open source holder. Det.4=213kcpm with detector end (crystal end) of 44-10 placed against open source holder.

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

| RANGE/MULTIPLIER | REFERENCE CAL. POINT | INSTRUMENT REC'D "AS FOUND READING" | INSTRUMENT METER READING* |
|------------------|-------------------------|--|------------------------------|
| Digital | | | |
| Digital | | | |
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*Uncertainty within $\pm 10\%$ C.F. within $\pm 20\%$

Range(s) Calibrated Electronically

| Ratemeter Readout | REFERENCE CAL. POINT | INSTRUMENT RECEIVED | INSTRUMENT METER READING* | Scaler Readout | REFERENCE CAL. POINT | INSTRUMENT RECEIVED | INSTRUMENT METER READING* |
|----------------------|-------------------------|------------------------|------------------------------|-------------------|-------------------------|------------------------|------------------------------|
| | 800K cpm | | 799 K/cpm | | 800K cpm | | 79912 (0) |
| | 200K cpm | | 199 K/cpm | | 200K cpm | | 19920 (0) |
| | 80K cpm | | 79.9 K/cpm | | 80K cpm | | 7998 (0) |
| | 20K cpm | | 19.9 K/cpm | | 20K cpm | | 1994 (0) |
| | 8K cpm | | 7.99 K/cpm | | 8K cpm | | 799 (0) |
| | 2K cpm | | 1.99 K/cpm | | 2K cpm | | 200 (0) |
| | 800 cpm | | 799 cpm | | 800 cpm | | 80 (0) |
| | 200 cpm | | 199 cpm | | 200 cpm | | 20 (0) |

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques. The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978. State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources:

Cs-137 Gamma S/N ☐ 1162 ☐ G112 ☐ M565 ☐ 5105 ☐ T1008 ☐ T879 ☐ E552 ☐ E551 ☐ 720 ☐ 734 ☒ 1616 ☐ Neutron Am-241 Be S/N T-304

☐ Alpha S/N ☐ Beta S/N ☒ Other J-129 #071387, Am241=0.87µCi

☒ m 500 S/N 38120 ☐ Oscilloscope S/N ☒ Multimeter S/N 78401030

Calibrated By: Leana Ortega Date 11 Feb. 04

Reviewed By: Emi Hester Date 11 Feb 04



CONVERSION CHART

Customer V A MEDICAL CENTER Date 11-Feb-04 Order # 208667

Model 2241-3 Serial No. 200101 Detector Model 44-94 Serial No. PR 198966

Source CS-137 42.4 mCi High Voltage 900 V

Count time 12 seconds ⁴⁰ Ratemeter Input Sensitivity 35 ⁴⁰ 30 mV

| Reference Point | "As Found" Readings: | | After Adjustment Readings: | |
|-----------------|----------------------|--------------|----------------------------|--------------|
| | with Deadtime | w/o Deadtime | with Deadtime | w/o Deadtime |
| <u>80 mR/hr</u> | | | <u>973 Kc/m</u> | <u>NA</u> |
| <u>20 mR/hr</u> | | | <u>253 Kc/m</u> | |
| <u>8 mR/hr</u> | | | <u>103 Kc/m</u> | |
| <u>6 mR/hr</u> | | | <u>74.8 Kc/m</u> | |
| <u>2 mR/hr</u> | | | <u>26.4 Kc/m</u> | |
| <u>1 mR/hr</u> | | | <u>13.1 Kc/m</u> | |
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Signature: Lema Lopez Date 11-Feb-04



CONVERSION CHART

Customer V A MEDICAL CENTER Date 11-Feb-04 Order # 208667

Model 2241-3 Serial No. 200101 Detector Model 44-9 Serial No. PR 209886

Source CS-137 42.4mCi

High Voltage 900 V

Count time Ratemeter

Input Sensitivity 35 30 mV

| Reference Point | "As Found" Readings (CPM): | | After Adjustment Readings (CPM): | |
|-----------------|----------------------------|--------------|----------------------------------|--------------|
| | with Deadtime | w/o Deadtime | with Deadtime | w/o Deadtime |
| 150 mR/hr | | | 473 k | NA |
| 50 mR/hr | | | 161 k | } |
| 15 mR/hr | | | 49.4 k | |
| 5 mR/hr | | | 16.4 k | |
| 1.5 mR/hr | | | 4.82 k | |
| 1.0 mR/hr | | | 3.20 k | |
| | | | | |
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Signature: Lema Ortega Date 11-Feb-04

Bench Test Data For Detector

Detector 44-17 Serial No. PR 209087

Customer V A MEDICAL CENTER

Order #. 208667

Counter 2241-3 Serial No. 200101

Counter Input Sensitivity 30 mV

Count Time 6 seconds Distance Source to Detector Surface

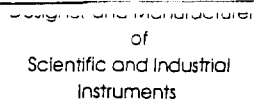
Other _____

High Voltage Background Isotope I-129 Isotope _____ Isotope _____ Isotope _____
Size 0.076 uCi Size _____ Size _____ Size _____

[illegible]

Signature Leann Ditey

Date 11-Feb-04



POST OFFICE BOX 810 PH. 325-235-5494
501 OAK STREET FAX NO. 325-235-4672
SWEETWATER, TEXAS 79556, U.S.A.

Detector 44-10 Serial No. PR 207987

Customer V A MEDICAL CENTER

Order #. 208667

Counter 2241-3 Serial No. 200/01

Counter Input Sensitivity 30 mV

Count Time 6 seconds Distance Source to Detector Surface

Other _____

High Voltage _____ Isotope Am 241 Isotope _____ Isotope _____ Isotope _____
Background _____ Size = 0.87 μ Ci Size _____ Size _____ Size _____

[illegible]

Signature Lena Ortega

Date 11-Feb-04

Instrument # 2B

PANCAKE DETECTOR CALIBRATION

Date: 5/6/2004

Calibration By: D. Derenzo

| Meter Identification | |
|----------------------|--------|
| Make: | Ludlum |
| Model: | 2241-3 |
| Serial Number: | 200101 |

| Detector Identification | |
|-------------------------|--------------------|
| Make: | Ludlum |
| Model: | 44-9 |
| Serial No.: | PR209886 |
| Detector Area: | 12 cm ² |

| | | | |
|--------------------------|----|----|----------------------|
| 1 Min. Background Counts | 32 | 41 | Average BG: 36.5 cpm |
|--------------------------|----|----|----------------------|

| Calibration Source Information | | | | | | |
|--------------------------------|----------|--------|---------------|-------------------------------|------------|------------------|
| Manufacturer | Model # | S/N | Radio-nuclide | Calibration Activity μ Ci | Cal Date | Current Activity |
| DuPont Pharma | NES-200A | 122294 | C-14 | 0.146 | 12/22/1994 | 5.3959 kBq |
| DuPont Pharma | NES-250 | 042594 | Pm-147 | 0.114 | 4/25/1994 | 0.2979 kBq |
| DuPont Pharma | NES-200B | 052093 | Tc-99 | 0.037 | 5/20/1993 | 1.3690 kBq |
| DuPont Pharma | NES-200D | 112294 | Cl-36 | 0.0208 | 11/22/1994 | 0.7696 kBq |
| DuPont Pharma | NES-200F | 121093 | Bi-210 | 0.0176 | 12/10/1993 | 0.4713 kBq |
| DuPont Pharma | NES-261 | 122794 | Sr-90 | 0.0217 | 12/27/1994 | 0.6395 kBq |

| | COUNTS IN 1 MIN | | | AVERAGE 4 π EFFICIENCY |
|--------|-----------------|---------|---------|----------------------------|
| | Count 1 | Count 2 | Average | |
| C-14 | 16873 | 16858 | 16866 | 0.0520 |
| Pm-147 | 1638 | 1593 | 1616 | 0.0884 |
| Tc-99 | 13946 | 13641 | 13794 | 0.1675 |
| Cl-36 | 15006 | 14808 | 14907 | 0.3220 |
| Bi-210 | 8624 | 8569 | 8597 | 0.3027 |
| Sr-90 | 23817 | 23407 | 23612 | 0.6145 |

RSSI

CERTIFICATE OF CALIBRATION

6312 West Oakton Street
Morton Grove, IL 60053-2723
847-965-1999
Fax 847-965-1991

Certificate No. 041343

VETERANS ADMINISTRATION LAKESIDE
MEDICAL CENTER
Attention: Ws - Rso

Manufacturer: LUDLUM
Model: 3
Serial No.: 113439
Probe(s): LUDLUM 44-38, Sn: PR113108

CALIBRATION DATA

| SOURCE* | SCALE | FIELD (mR/hr) | READING | | FIELD (mR/hr) | READING | |
|---------|-------|--------------------|---------|-------|--------------------|---------|------|
| | | | Pre | Post | | Pre | Post |
| 5 | x0.1 | 0.05 | 0.048 | 0.051 | 0.15 | 0.135 | 0.15 |
| 5 | x1 | 0.50 | 0.48 | 0.52 | 1.5 | 1.35 | 1.5 |
| 2 | x10 | 5.0 | 4.8 | 5.2 | 15 | 13.5 | 15 |
| 1 | x100 | 50 | 40 | 52 | 150 | 115 | 150 |

If the accuracy of a scale is not within +/-10% but is within +/-20% a correction factor is supplied.

Check Source: Cs-137 Reading: 0.5 mR/hr Probe Window: closed

Temperature: 24 °C Relative Humidity: 58 % Barometric Pressure: 988 mbar

Comments: The x0.1, x1 scales were electronically referenced to
the x10 scale at 1 mR/hr = 1097 cpm.

Calibrated by: Timothy Hall Date: 6/14/04

Calibration Frequency: Annual Recalibrate by: 6/14/05

| | | | | | | |
|---------------|--------------|-----------|-----------|------------|---------------|----------|
| *SOURCE | 1. Cs-137 | 2. Cs-137 | 3. Am-241 | 4. Cf-252 | 5. Electronic | 6. Other |
| Manufacturer | U.S. Nuclear | Eon Corp. | Amersham | Amersham | | |
| Model | CCs-D-20E | 64-764 | AMC 13446 | 100 | | |
| Serial Number | | 722 | 7510 LA | FTC-CF-001 | | |
| Activity | 11.5 Ci | 100 mCi | 100 mCi | 1801 µg | | |
| Date | 1/1994 | 5/2/78 | 6/3/84 | 10/8/85 | | |

Calibration authorized by Illinois Department of Nuclear Safety License No. IL-01429-01 and meets the requirements of ANSI 323-1978 and MIL-STD-45662A.
Exposure rate traceable to NIST with MDH model 1015 SN 109 transfer instrument. Radcal Cert. of Conf. 20300.

CERTIFICATE OF CALIBRATION

RSSI

6312 West Oakton Street
Morton Grove, IL 60053-2723
847-965-1999
Fax 847-965-1991

Certificate No. 041222

VETERANS ADMINISTRATION LAKESIDE
MEDICAL CENTER
Attention: Ws - Rso

Manufacturer: LUDLUM
Model: 14C
Serial No.: 113052
Probe(s): LUDLUM 44-38, Sn: PR110180

CALIBRATION DATA

| SOURCE* | SCALE | FIELD (mR/hr) | READING (mR/hr) | FIELD (mR/hr) | READING (mR/hr) |
|---------|-------|------------------|--------------------|------------------|--------------------|
| 5 | x0.1 | 0.05 | 0.05 | 0.15 | 0.15 |
| 5 | x1 | 0.5 | 0.5 | 1.5 | 1.5 |
| 2 | x10 | 5.0 | 5.0 | 15 | 15 |
| 1 | x100 | 50 | 50 | 150 | 150 |
| 1 | x1000 | 500 | 530 | 1500 | 1500 |

If the accuracy of a scale is not within +/-10% but is within +/-20% a correction factor is supplied.

Check Source: Cs-137 Reading: 0.6 mR/hr Probe Window: closed

Temperature: 23.5 °C Relative Humidity: 37 % Barometric Pressure: 987 mbar

Comments: The x0.1, x1 scales were electronically referenced to the x10 scale at 1 mR/hr = 1040 cpm.

Calibrated by: Timothy Hall Date: 4/30/04

Calibration Frequency: Annual Recalibrate by: 4/30/05

| | | | | | | |
|---------------|--------------|-----------|-----------|------------|---------------|----------|
| *SOURCE | 1. Cs-137 | 2. Cs-137 | 3. Am-241 | 4. Cf-252 | 5. Electronic | 6. Other |
| Manufacturer | U.S. Nuclear | Eon Corp. | Amersham | Amersham | | |
| Model | CCs-D-20E | 64-764 | AMC 13446 | 100 | | |
| Serial Number | | 722 | 7510 LA | FTC-CF-001 | | |
| Activity | 11.5 Ci | 100 mCi | 100 mCi | 1801 µg | | |
| Date | 1/1994 | 5/2/78 | 6/3/84 | 10/8/85 | | |

Calibration authorized by Illinois Department of Nuclear Safety License No. IL-01429-01 and meets the requirements of ANSI 323-1978 and MIL-STD-45662A. Exposure rate traceable to NIST with MDH model 1015 SN 109 transfer instrument. Radcal Cert. of Conf. 20300.

PREVENTIVE MAINTENANCE PERFORMED

| | | |
|----------------------------|---|-----------|
| BATTERIES/CONTACTS CHECKED | ✓ | |
| HIGH VOLTAGE MEASURED | ✓ | 908 VOLTS |
| SENSITIVITY MEASURED | ✓ | 32 mVOLTS |
| METER ZERO CHECKED | ✓ | |
| INSTRUMENT CLEANED | ✓ | |

Lab Reference: 21

FLOOR MONITOR CALIBRATION

Date: 5/6/2004

Calibration By: D. Derenzo

| Meter Identification |
|----------------------|
| Make: Ludlum |
| Model: 2241 |
| Serial No.: 203519 |

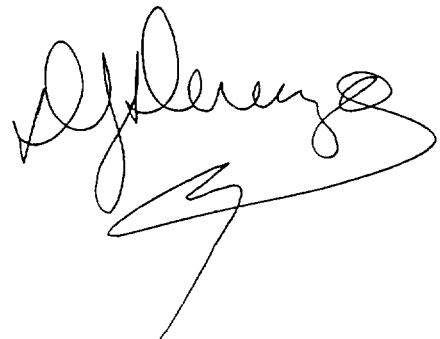
| Detector Identification |
|------------------------------------|
| Make: Ludlum |
| Model: 4337 |
| Serial No.: PR190331 |
| Detector Area: 548 cm ² |

| | |
|-----------------|---|
| Detector Height | 1 cm above the floor for BG measurements, 1 cm above the face of source for grid counts |
|-----------------|---|

| | | | | |
|--------------------|-----|-----|-------------|-----------|
| Background Counts, | 450 | 422 | Average BG: | 436.0 cpm |
|--------------------|-----|-----|-------------|-----------|

| C-14 Calibration Source Information | | | | | | |
|-------------------------------------|----------|-------|---------------|-------------------------------|-----------|------------------|
| Manufacturer | Model # | S/N | Radio-nuclide | Calibration Activity μ Ci | Cal Date | Current Activity |
| DuPont Pharma | NES-133S | 11095 | Na-22 | 1.120 | 1/10/1995 | 3.4611 kBq |

| Position | 1 minute counts | | | | | Average | Efficiency |
|----------|-----------------|------|------|------|------|--------------------|------------|
| A | 1764 | 1672 | 1677 | 1694 | 1705 | 1702.4 cpm | 0.0061 |
| B | 1895 | 1914 | 1886 | 1947 | 1930 | 1914.4 cpm | 0.0071 |
| C | 1674 | 1715 | 1736 | 1726 | 1713 | 1712.8 cpm | 0.0061 |
| | | | | | | Average Efficiency | 0.0065 |



FLOOR MONITOR CALIBRATION

Date: 4/14/2004

Calibration By: D. Derenzo, N. Bijedic, S. Nam

| Meter Identification |
|----------------------|
| Make: Ludlum |
| Model: 2241 |
| Serial No.: 203519 |

| Detector Identification |
|------------------------------------|
| Make: Ludlum |
| Model: 4337 |
| Serial No.: PR190331 |
| Detector Area: 548 cm ² |

| P-10 Gas Purge | Purge Flow Rate | Time Started | Time Ended | Operating Flow Rate |
|----------------|-----------------|--------------|------------|---------------------|
| | > 100 cc/min | 10:30 | 11:10 | 40 cc/min |

| Detector Height | 1 cm above the floor for BG measurements, 1 cm above the face of source for grid counts |
|-----------------|---|
|-----------------|---|

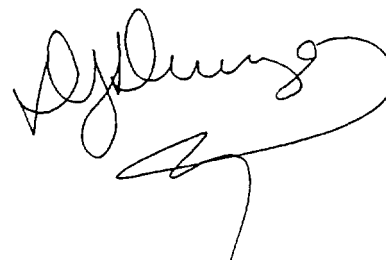
| Background Counts, 1 min each | 350 | 377 | |
|----------------------------------|-----|-----|-----------|
| | 376 | 426 | |
| | 383 | 380 | |
| | 380 | 387 | |
| | 376 | 388 | |
| Average BG: | | | 382.3 cpm |

| C-14 Calibration Source Information | | | | | | |
|-------------------------------------|----------|--------|---------------|-------------------------------|------------|----------------------|
| Manufacturer | Model # | S/N | Radio-nuclide | Calibration Activity μ Ci | Cal Date | Current Activity kBq |
| DuPont Pharma | NES-200A | 122294 | C-14 | 0.146 | 12/22/1994 | 5.3959 |

| Detector Grid Counts |
|--|
| The detector is approximately 46 cm wide by 16 cm deep. Using the center lines of the detector, a 5 cm grid pattern was established. Lines 1, 2, A, and E are 2 cm beyond the edges of the detector. An NIST traceable C-14 standard was counted for 1 minute in each of the locations obtaining the following data. |

| | A | B | C | D | E |
|----|-----|-------|-------|-------|------|
| 1 | 378 | 422 | 467 | 423 | 402 |
| 2 | 451 | 6550 | 5948 | 5794 | 466 |
| 3 | 519 | 22595 | 19148 | 24629 | 536 |
| 4 | 482 | 21110 | 18526 | 21197 | 514 |
| 5 | 500 | 23363 | 18893 | 21740 | 504 |
| 6 | 508 | 22808 | 20274 | 24435 | 518 |
| 7 | 451 | 22739 | 19484 | 21178 | 538 |
| 8 | 530 | 24151 | 19729 | 25581 | 552 |
| 9 | 496 | 24413 | 20199 | 24415 | 5129 |
| 10 | 433 | 6546 | 5415 | 8129 | 478 |
| 11 | 396 | 453 | 443 | 425 | 417 |

Entire Area 4 π C-14 Counting Efficiency: 0.0299 (All readings)
 Average 4 π C-14 Counting Efficiency: 0.0590 (B2-B10, C2-C10, D2-D10)
 Detector Center 4 π C-14 Counting Efficiency: 0.0691 (B3-B9, C3-C9, D3-D9)





Scientific and Industrial
Instruments

CERTIFICATE OF CALIBRATION

POST OFFICE BOX 810 PH. 325-235-5494
501 OAK STREET FAX NO. 325-235-4672
SWEETWATER, TEXAS 79556, U.S.A.

CUSTOMER V A MEDICAL CENTER ORDER NO. 208667
Mfg. Ludlum Measurements, Inc. Model 2241 Serial No. 203519
Mfg. Ludlum Measurements, Inc. Model 43-37 Serial No. PR 190331
Cal. Date 11-Feb-04 Cal Due Date 11-Feb-05 Cal. Interval 1 Year Meterface NA

Check mark ☒ applies to applicable instr. and/or detector IAW mfg. spec. T. 74 °F RH 29 % Alt 701.8 mm Hg

☒ New Instrument Instrument Received ☐ Within Toler. +10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☒ Mechanical ck. ☐ Meter Zeroed ☐ Background Subtract ☐ Input Sens. Linearity

☒ F/S Resp. ck

☒ Reset ck.

☐ Window Operation

☒ Audio ck.

☒ Alarm Setting ck.

☒ Batt. ck. (Min. Volt) 2.2 VDC

☒ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89.

☐ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set Comments V Input Sens. 4 mV Det. Oper. Comments V at 4 mV Threshold Dial Ratio = mV

COMMENTS:

Det. 1 (cpm)

High Voltage: Alpha=1250v

Deadtime Correction: NA

Beta=1700v

Calibration Constant: 100e-2

2241 currently set up for Beta operation.

Ratemeter Alarm: 50.0kcpm

Ratemeter Alert: 20.0kcpm

Overload checked but not set.

Firmware#: P-04-08

Calibrated with 6 ft. cable.

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER

REFERENCE CAL. POINT

INSTRUMENT REC'D "AS FOUND READING"

INSTRUMENT METER READING*

AUTO
AUTO
"
"
"
"
"
"

*Uncertainty within $\pm 10\%$ C.F. within $\pm 20\%$

Range(s) Calibrated Electronically

| | REFERENCE CAL. POINT | INSTRUMENT RECEIVED | INSTRUMENT METER READING* | | REFERENCE CAL. POINT | INSTRUMENT RECEIVED | INSTRUMENT METER READING* |
|----------------------|-------------------------|------------------------|------------------------------|-------------------|-------------------------|------------------------|------------------------------|
| | | | | | | | |
| Ratemeter Readout | 800K cpm | | 799 Kc/m | Scaler Readout | 800K cpm | | 79959 (0) |
| | 200K cpm | | 199 Kc/m | | 200K cpm | | 19967 (0) |
| | 80K cpm | | 79.9 Kc/m | | 80K cpm | | 7994 (0) |
| | 20K cpm | | 19.9 Kc/m | | 20K cpm | | 1996 (0) |
| | 8K cpm | | 7.99 Kc/m | | 8K cpm | | 800 (0) |
| | 2K cpm | | 1.99 Kc/m | | 2K cpm | | 199 (0) |
| | 800 cpm | | 799 c/m | | 800 cpm | | 80 (0) |
| | 200 cpm | | 199 c/m | | 200 cpm | | 20 (0) |

Ludlum Measurements, Inc. certifies that the above Instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques. The calibration system conforms to the requirements of ANSI/NCSS 2540-1-1994 and ANSI N323-1978. State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources:

Cs-137 Gamma S/N ☐ 1162 ☐ G112 ☐ M565 ☐ 5105 ☐ T1008 ☐ T879 ☐ E552 ☐ E551 ☐ 720 ☐ 734 ☐ 1616 ☐ Neutron Am-241 Be S/N T-304

☒ Alpha S/N #4337 Pu239 ☒ Beta S/N #635/83 Tc99 ☐ Other

☒ m 500 S/N 38120 ☐ Oscilloscope S/N ☒ Multimeter S/N 78401030

Calibrated By: Leana Ortega Date 11-Feb-04

Reviewed By: Scott Chandler Date 12-FEB-04



Designer and Manufacturer
of
Scientific and Industrial
Instruments

POST OFFICE BOX 810 PH. 325-235-5494
501 OAK STREET FAX NO. 325-235-4672
SWEETWATER, TEXAS 79556, U.S.A.

Functional Check

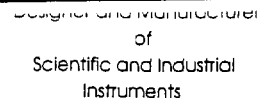
Customer V A MEDICAL CENTER

Order #. 208667

This Certifies that Ludlum Model 239-1F Serial No. 190318 has been functionally checked.
Refer to applicable instrument manuals for specific operating instructions.

Check performed by Laura D. Lopez

Date 11-Feb-04



POST OFFICE BOX 810 PH. 325-235-5494
501 OAK STREET FAX NO. 325-235-4672
SWEETWATER, TEXAS 79556, U.S.A.

Detector 43-37 Serial No. PR190331 Order #. 208667
Customer V A MEDICAL CENTER
Counter 2241 Serial No. 203519 Counter Input Sensitivity 4 mV
Count Time 1 minute Distance Source to Detector Surface
Other Plateaued with 6 ft. cable

[illegible]

☒ Gas proportional detector count rate decreased $\leq 10\%$ after 15 hour static test using 39" cable.

Signature Samir Ortega Date 11 Feb 04

Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques. Calibration system conforms to the requirements of ANSI/NCSL Z540-1:1994 and ANSI N323-1978. State of Texas Calibration License No. LO-1963



Designer and Manufacturer
of
Scientific and Industrial
Instruments

CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.
POST OFFICE BOX 810 PH. 325-235-5494
501 OAK STREET FAX NO. 325-235-4672
SWEETWATER, TEXAS 79556, U.S.A.

CUSTOMER CABRERA SERVICES ORDER NO. 209601/278538

Mfg. Ludlum Measurements, Inc. Model 2221 Serial No. 176947

Mfg. Ludlum Measurements, Inc. Model 44-110 Serial No. PR178079

Cal. Date 21-Jan-04 Cal Due Date 21-Jan-05 Cal. Interval 1 Year Meterface 202-159

Check mark ☒ applies to applicable Instr. and/or detector IAW mfg. spec. T. 74 °F RH 20 % Alt 709.8 mm Hg

☐ New Instrument Instrument Received ☒ Within Toler. +10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☒ Mechanical ck. ☒ Meter Zeroed ☐ Background Subtract ☒ Input Sens. Linearity

☒ F/S Resp. ck. ☒ Reset ck. ☒ Window Operation ☒ Geotropism

☒ Audio ck. ☐ Alarm Setting ck. ☒ Batt. ck. (Min. Volt) 4.4 VDC

☒ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89. ☐ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 1700 V Input Sens. 4 mV Det. Oper. 1700 V at 4 mV Threshold Dial Ratio 100 = 4 mV

☒ HV Readout (2 points) Ref./Inst. 500 / 500 V Ref./Inst. 2000 / 2002 V

COMMENTS:

C-14 ~ 0.149 µCi check source SN 1151 reads ~ 42571 cpm with source underneath probe after a 2 minute purge.
Cal'd with a 39 inch cable.

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

| RANGE/MULTIPLIER | REFERENCE CAL. POINT | INSTRUMENT REC'D "AS FOUND READING" | INSTRUMENT METER READING* |
|------------------|----------------------|-------------------------------------|---------------------------|
| X 1K | 400 Kcpm | <u>400</u> | <u>400</u> |
| X 1K | 100 Kcpm | <u>100</u> | <u>100</u> |
| X 100 | 40 Kcpm | <u>400</u> | <u>400</u> |
| X 100 | 10 Kcpm | <u>100</u> | <u>100</u> |
| X 10 | 4 Kcpm | <u>400</u> | <u>400</u> |
| X 10 | 1 Kcpm | <u>100</u> | <u>100</u> |
| X 1 | 400 cpm | <u>400</u> | <u>400</u> |
| X 1 | 100 cpm | <u>100</u> | <u>100</u> |

*Uncertainty within ± 10% C.F. within ± 20%

Range(s) Calibrated Electronically

| REFERENCE CAL. POINT | INSTRUMENT RECEIVED | INSTRUMENT METER READING* | REFERENCE CAL. POINT | INSTRUMENT RECEIVED | INSTRUMENT METER READING* |
|----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------------|
| Digital Readout | 400 Kcpm | <u>40078 (0)</u> | Log Scale | 500 Kcpm | <u>500K</u> |
| | 40 Kcpm | <u>4008</u> | | 50 Kcpm | <u>50K</u> |
| | 4 Kcpm | <u>400</u> | | 5 Kcpm | <u>5K</u> |
| | 400 cpm | <u>40</u> | | 500 cpm | <u>500</u> |
| | 40 cpm | <u>4</u> | | 50 cpm | <u>50</u> |

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques. The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978 State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources:

Cs-137 Gamma S/N ☐ 1162 ☐ G112 ☐ M565 ☐ 5105 ☐ T1008 ☐ T879 ☐ E552 ☐ E551 ☐ 720 ☐ 734 ☐ 1616 ☐ Neutron Am-241 Be S/N T-304

☐ Alpha S/N ☒ Beta S/N H3 SN LC306, C-14 SN 01884 ☐ Other

☒ m 500 S/N 132899 ☐ Oscilloscope S/N ☒ Multimeter S/N 82080087

Calibrated By: Josh Boston

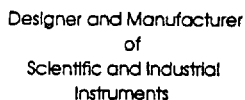
Date: 21 Jan 04

Reviewed By: Donna Martz

Date: 21-Jan-04

This certificate shall not be reproduced except in full, without the written approval of Ludlum Measurements, Inc. FORM C22A 11/26/2003

AC Inst. ☐ Passed Dielectric (Hi-Pot) and Continuity Test
Only ☐ Failed:



LUDLUM MEASUREMENTS, INC.
POST OFFICE BOX 810 PH. 325-235-5494
501 OAK STREET FAX NO. 325-235-4672
SWEETWATER, TEXAS 79556, U.S.A.

Detector 44-110 Serial No. PR178079

Customer CABRERA SERVICES

Order #. 209601/278538

Counter 2221 Serial No. 176947

Counter Input Sensitivity 4 mV

Count Time 1 minute

Distance Source to Detector Surface

Other

High
Voltage

Background

Isotope H-3
Size 1578 cpm

Isotope C-14
Size 193/50 cm

Isotope Size

Isotope
Size

Ln

Signature

Tash Boston

Date _____

21 Jan 04

LSC Counting Protocol

Protocol # = 25 Copy Protocol #? no
 Protocol Name? Decommissioning
 Cycles? 1
 Count Time? 3.00
 2 Sigma Coincidence? no
 # Counts/Vial? 1
 # Vials/Standard? 1 # Vials/Sample? 1
 1st Vial Background? yes
 Radionuclide? manual

| | LL | UL | Bkg | 2 Sigma% | LCR |
|-----------|------|------|------|----------|-----|
| Region A: | 0.0 | 12.0 | 0.00 | .00 | 0 |
| Region B: | 12.0 | 156. | 0.00 | .00 | 0 |
| Region C: | 156. | 2000 | 0.00 | .00 | 0 |

Qip? tSIE/AEC ES Terminator? count
 % of Reference? no
 Data Mode? dual dpm

Protocol # = 25 Protocol Name = Decommissioning
 Standards Data? use curve Constant Quench? no
 Replot? no Edit Stds?
 # Stds/Nuclide 1? 0 # Stds/Nuclide 2? 0
 Nuclide 1:DPM 223212 Nuclide 2:DPM 130300

| Qip | Eff A | Eff B |
|-------|-------|-------|
| 984.1 | 61.73 | 4.59 |
| 749.6 | 56.04 | 4.97 |
| 598.8 | 50.75 | 5.06 |
| 454.0 | 44.05 | 4.54 |
| 358.9 | 38.32 | 4.01 |
| 272.2 | 30.86 | 3.42 |
| 198.9 | 22.56 | 3.04 |
| 156.3 | 17.24 | 2.34 |
| 125.0 | 13.10 | 1.87 |
| 100.9 | 9.91 | 1.37 |

| Qip | Eff A | Eff B |
|-------|-------|-------|
| 967.7 | 12.37 | 84.17 |
| 741.3 | 12.00 | 83.47 |
| 593.1 | 11.61 | 83.38 |
| 450.9 | 11.71 | 82.37 |
| 355.7 | 11.76 | 81.27 |
| 271.5 | 11.88 | 79.58 |
| 204.4 | 11.41 | 77.52 |
| 159.1 | 11.62 | 74.21 |
| 128.7 | 12.00 | 71.07 |
| 102.2 | 12.58 | 65.81 |

Protocol # = 25 Protocol Name = Decommissioning
 Half Life ? A: 0.00 B: 0.00
 Ref Date ? A: 01/01/1990 B: 01/01/1990
 Ref Time ? A: 00:00 B: 00:00
 Single Photon Count ? no
 Colored Samples ? yes
 RS232 Computer Output ? no

Luminescence Correction ? yes

Data/Application Drive & Path ?

Save Data ?

Save Spectrum ? no

Run User Application ? no

File Name ?

Command String ?

Static controller ? on

Protocol #: 25 Name: Decommissioning

Additional Heading? VA Lakeside Campus Packard LSC A2100 SNo 414354

| C# | Name | Format | C# | Name | Format | C# | Name | Format | Equation |
|----|--------|--------|----|--------|--------|----|-------|--------|----------|
| 0 | CRLF | | 11 | C:2S% | BXX. | 21 | A:%CV | BXXX. | |
| 1 | PID | BX | 12 | C:%REF | BXXX. | 22 | B:%CV | BXXX. | |
| 2 | S# | BX | 13 | SIS | BXX.X | 23 | TOD | BXXXXX | |
| 3 | TIME | BXXX. | 14 | DPM1 | BXXXX. | 24 | | | |
| 4 | CPMA | BXXXX. | 15 | DPM2 | BXXXX. | 25 | | | |
| 5 | A:2S% | BXX. | 16 | ELTIME | BXXXX | 26 | | | |
| 6 | A:%REF | BXXX. | 17 | FLAG | BXX | 27 | | | |
| 7 | CPMB | BXXXX. | 18 | BLANK | BBBBBB | 28 | | | |
| 8 | B:2S% | BXX. | 19 | tSIE | B.X | 29 | | | |
| 9 | B:%REF | BXXX. | 20 | %LUM | BX | 30 | | | |
| 10 | CPMC | BXXXX. | | | | 31 | | | |

Define Cell #? 1 Name? Format? BXXX

Equation? (Operators: +,-,*,/,SQR,LN)

Print Cells? 2 3 4 14 7 15 10 13 19 20 17 0

SYSTEM NORMALIZED

C14 IPA DATA PROCESSED - 06-Aug-2004 17:44

C14 Eff (0-156 keV) = 96.29 %

14 CHI SQUARE IPA DATA PROCESSED - 06-Aug-2004 17:54

C14 Chi Square = 36.23

H3 IPA DATA PROCESSED - 06-Aug-2004 17:55

H3 Eff (0-18.6 keV) = 63.52 %

H3 CHI SQUARE IPA DATA PROCESSED - 06-Aug-2004 18:06

H3 Chi Square = 9.79

BKG IPA DATA PROCESSED - 06-Aug-2004 19:06

Bkg (0-18.6 keV) = 10.37 cpm

Bkg (0-156 keV) = 16.80 cpm

C14 E^2/B (1-156 keV) = 700.29

H3 E^2/B (1-18.6 keV) = 393.96

SYSTEM NORMALIZED

C14 IPA DATA PROCESSED - 22-Jun-2004 22:47

C14 Eff (0-156 keV) = 96.10 %

¹⁴C CHI SQUARE IPA DATA PROCESSED - 22-Jun-2004 22:57

C14 Chi Square = 9.57

H3 IPA DATA PROCESSED - 22-Jun-2004 22:58

H3 Eff (0-18.6 keV) = 63.70 %

H3 CHI SQUARE IPA DATA PROCESSED - 22-Jun-2004 23:09

H3 Chi Square = 15.84

BKG IPA DATA PROCESSED - 23-Jun-2004 00:09

Bkg (0-18.6 keV) = 10.30 cpm

Bkg (0-156 keV) = 15.62 cpm

C14 E^2/B (1-156 keV) = 745.97

H3 E^2/B (1-18.6 keV) = 389.70

SYSTEM NORMALIZED

C14 IPA DATA PROCESSED - 27-May-2004 14:59

C14 Eff (0-156 keV) = 96.19 %

H3 IPA DATA PROCESSED - 27-May-2004 15:00

H3 Eff (0-18.6 keV) = 63.97 %

BKG IPA DATA PROCESSED - 27-May-2004 16:01

Bkg (0-18.6 keV) = 9.85 cpm

Bkg (0-156 keV) = 15.33 cpm

C14 E^2/B (1-156 keV) = 745.39

H3 E^2/B (1-18.6 keV) = 417.65

After Preventive Maintenance Visit

SYSTEM NORMALIZED

C14 IPA DATA PROCESSED - 26-May-2004 09:48

C14 Eff (0-156 keV) = 96.14 %

H3 IPA DATA PROCESSED - 26-May-2004 09:50

H3 Eff (0-18.6 keV) = 62.98 %

BKG IPA DATA PROCESSED - 26-May-2004 10:50

Bkg (0-18.6 keV) = 9.40 cpm

Bkg (0-156 keV) = 15.72 cpm

C14 E²/B (1-156 keV) = 713.98

H3 E²/B (1-18.6 keV) = 417.42

Prior to preventative maintenance visit

SYSTEM NORMALIZED

C14 IPA DATA PROCESSED - 12-May-2004 15:30

C14 Eff (0-156 keV) = 96.09 %

H3 IPA DATA PROCESSED - 12-May-2004 15:32

H3 Eff (0-18.6 keV) = 63.07 %

BKG IPA DATA PROCESSED - 12-May-2004 16:32

Bkg (0-18.6 keV) = 10.32 cpm

Bkg (0-156 keV) = 16.37 cpm

C14 E^2/B (1-156 keV) = 708.88

H3 E^2/B (1-18.6 keV) = 386.73

SYSTEM NORMALIZED

C14 IPA DATA PROCESSED - 12-May-2004 09:10

C14 Eff (0-156 keV) = 96.22 %

IPA DATA PROCESSED - 12-May-2004 09:11

H3 Eff (0-18.6 keV) = 63.13 %

BKG IPA DATA PROCESSED - 12-May-2004 10:12

Bkg (0-18.6 keV) = 9.50 cpm

Bkg (0-156 keV) = 15.10 cpm

C14 E²/B (1-156 keV) = 777.09

H3 E²/B (1-18.6 keV) = 417.94

SYSTEM NORMALIZED

C14 IPA DATA PROCESSED - 11-May-2004 06:56

C14 Eff (0-156 keV) = 95.99 %

IPA DATA PROCESSED - 11-May-2004 06:57

H3 Eff (0-18.6 keV) = 63.38 %

BKG IPA DATA PROCESSED - 11-May-2004 07:57

Bkg (0-18.6 keV) = 9.85 cpm

Bkg (0-156 keV) = 15.63 cpm

C14 E^2/B (1-156 keV) = 746.38

H3 E^2/B (1-18.6 keV) = 407.77

FRONT PIN JAM FWD

SYSTEM NORMALIZED

C14 IPA DATA PROCESSED - 07-May-2004 05:59

C14 Eff (0-156 keV) = 96.28 %

IPA DATA PROCESSED - 07-May-2004 06:00

✓ H3 Eff (0-18.6 keV) = 63.44 %

BKG IPA DATA PROCESSED - 07-May-2004 07:01

Bkg (0-18.6 keV) = 9.72 cpm

Bkg (0-156 keV) = 15.15 cpm

C14 E^2/B (1-156 keV) = 748.00

H3 E^2/B (1-18.6 keV) = 413.60

FRONT PIN JAM FWD

SYSTEM NORMALIZED

C14 IPA DATA PROCESSED - 04-May-2004 12:31

C14 Eff (0-156 keV) = 95.99 %

H3 IPA DATA PROCESSED - 04-May-2004 12:32

H3 Eff (0-18.6 keV) = 63.42 %

Bkg IPA DATA PROCESSED - 04-May-2004 13:33

Bkg (0-18.6 keV) = 9.80 cpm

Bkg (0-156 keV) = 15.77 cpm

C14 E^2/B (1-156 keV) = 730.55

H3 E^2/B (1-18.6 keV) = 408.61

SYSTEM NORMALIZED

C14 IPA DATA PROCESSED - 06-May-04 17:29

C14 Eff (0-156 keV) = 96.24 %

C14 CHI SQUARE IPA DATA PROCESSED - 06-May-04 17:39

C14 Chi Square = 10.44

H3 IPA DATA PROCESSED - 06-May-04 17:41

H3 Eff (0-18.6 keV) = 63.72 %

WARNING: Questionable H3 Efficiency value - Please rerun quench curves
& view historic data

H3 CHI SQUARE IPA DATA PROCESSED - 06-May-04 17:51

H3 Chi Square = 21.03

BKG IPA DATA PROCESSED - 06-May-04 18:52

Bkg (0-18.6 keV) = 11.62 cpm

Bkg (0-156 keV) = 16.85 cpm

C14 E^2/B (1-156 keV) = 709.63

H3 E^2/B (1-18.6 keV) = 352.23

SYSTEM NORMALIZED

C14 IPA DATA PROCESSED - 30-Apr-2004 14:53

C14 Eff (0-156 keV) = 96.10 %

IPA DATA PROCESSED - 30-Apr-2004 14:54

H3 Eff (0-18.6 keV) = 63.67 %

BKG IPA DATA PROCESSED - 30-Apr-2004 15:54

Bkg (0-18.6 keV) = 10.47 cpm

Bkg (0-156 keV) = 15.98 cpm

C14 E^2/B (1-156 keV) = 732.68

H3 E^2/B (1-18.6 keV) = 387.68

Packard A2100

S.No. 414354

STEM NORMALIZED

C14 IPA DATA PROCESSED - 29-Apr-2004 11:59

C14 Eff (0-156 keV) = 96.20 %

C14 CHI SQUARE IPA DATA PROCESSED - 29-Apr-2004 12:09

C14 Chi Square = 19.89

H3 IPA DATA PROCESSED - 29-Apr-2004 12:10

H3 Eff (0-18.6 keV) = 63.39 %

H3 CHI SQUARE IPA DATA PROCESSED - 29-Apr-2004 12:21

H3 Chi Square = 23.73

BKG IPA DATA PROCESSED - 29-Apr-2004 13:21

Bkg (0-18.6 keV) = 9.75 cpm

Bkg (0-156 keV) = 15.88 cpm

C14 E²/B (1-156 keV) = 724.82

H3 E²/B (1-18.6 keV) = 414.21

Packard A2100
S.No. 414354

Standards Info: Cat. # 6008500

| | | |
|---------------------|-------------------------|-----------|
| S.No. 32(C-14) C-14 | 137,000 dpm $\pm 1.3\%$ | 20 Jan 97 |
| S.No. 32(H-3) H-3 | 268,900 dpm $\pm 1.6\%$ | 20 Jan 97 |

APPENDIX D

FSS Plan for VA Lakeside Campus

(Provided in Electronic Format on Accompanying Compact Disk)

APPENDIX E

Analytical Laboratory Results for Stack and Incinerator Samples

Lakeside Stack Wipes

Protocol #:26 Name:Decommissioning2 11-Oct-2004 16:12
 Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region B: LL-UL=12.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Region C: LL-UL=156.-2000 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00
 Time = 3.00 QIP = tSIE/AEC ES Terminator = Count
 VA Lakeside Campus Packard LSC A2100 SNo 414354
 Conventional DPM
 Nuclide 1 = 273850 Nuclide 2 = 127200
 Luminescence Correction On

| S# | TIME | CPMA | DPM1 | CPMB | DPM2 | CPMC | SIS | tSIE | LUM | FLAG |
|------------------|-------|---------|---------|---------|---------|--------|--------|------|-----|---------------|
| 1 | 10.00 | 7.08 | | 11.85 | | 7.10 | 66.603 | 584. | 10 | B |
| 2 | 3.00 | 16375.7 | 240.90 | 114912. | 133690. | 690.04 | 166.11 | 1017 | 0 | E |
| 3 | 3.00 | 103097. | 166179. | 8544.01 | 0.00 | 3.23 | 20.513 | 1023 | 0 | E |
| 4 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 1010 | 46 | E |
| 2 missing vials) | | | | | | | | | | |
| 7 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.57 | 0.000 | 526. | 18 | Floor 1 |
| 8 | 3.00 | 0.00 | 0.00 | 1.94 | 2.36 | 0.57 | 0.000 | 522. | 16 | Floor 2 |
| 9 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.90 | 0.000 | 433. | 8 | Floor 3 |
| 10 | 3.00 | 0.00 | 0.00 | 0.59 | 0.72 | 1.88 | 0.000 | 486. | 11 | Floor 4 |
| 11 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.57 | 0.000 | 484. | 16 | Floor 5 |
| 12 | 3.00 | 0.16 | 0.38 | 0.00 | 0.00 | 2.90 | 0.000 | 509. | 15 | East 1 |
| 13 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.90 | 0.000 | 461. | 19 | East 2 |
| 14 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 470. | 13 | East 3 |
| 15 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.57 | 0.000 | 486. | 13 | East 4 |
| 16 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.23 | 0.000 | 499. | 4 | East 5 |
| 17 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.23 | 0.000 | 544. | 14 | West 1 |
| 18 | 3.00 | 1.45 | 3.83 | 0.00 | 0.00 | 2.23 | 0.000 | 434. | 8 | West 2 |
| 19 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 502. | 19 | West 3 |
| 20 | 3.00 | 0.00 | 0.00 | 0.22 | 0.27 | 1.23 | 0.000 | 510. | 16 | West 4 |
| 21 | 3.00 | 1.24 | 2.78 | 0.53 | 0.48 | 0.90 | 0.000 | 505. | 16 | West 5 |
| 22 | 3.00 | 0.48 | 1.21 | 0.00 | 0.00 | 2.90 | 0.000 | 457. | 8 | North 1 |
| 23 | 3.00 | 0.72 | 1.73 | 0.00 | 0.00 | 3.23 | 0.000 | 497. | 16 | North 2 |
| 24 | 3.00 | 2.85 | 7.03 | 0.00 | 0.00 | 0.00 | 0.000 | 480. | 16 | North 3 |
| 25 | 3.00 | 2.80 | 6.67 | 0.00 | 0.00 | 1.90 | 0.000 | 508. | 8 | North 4 |
| 26 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 504. | 22 | North 5 |
| 27 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 466. | 25 | South 1 |
| 28 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.23 | 0.000 | 490. | 12 | South 2 |
| 29 | 3.00 | 0.58 | 1.37 | 0.00 | 0.00 | 1.57 | 0.000 | 510. | 9 | South 3 |
| 30 | 3.00 | 2.68 | 5.79 | 1.28 | 1.21 | 5.23 | 61.347 | 532. | 6 | South 4 |
| 31 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 507. | 20 | South 5 |
| 32 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.23 | 0.000 | 432. | 15 | West 7' Down |
| 33 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 482. | 7 | West Top |
| 34 | 3.00 | 0.00 | 0.00 | 0.83 | 1.01 | 0.00 | 0.000 | 540. | 16 | East 7' Down |
| 35 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.90 | 0.000 | 524. | 14 | East Top |
| 36 | 3.00 | 0.63 | 1.22 | 0.85 | 0.96 | 0.00 | 34.237 | 505. | 14 | South 7' Down |
| 37 | 3.00 | 0.18 | 0.41 | 0.00 | 0.00 | 2.04 | 0.000 | 552. | 9 | South Top |
| 38 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.90 | 0.000 | 489. | 12 | North 7' Down |
| 39 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.23 | 0.000 | 498. | 13 | North Top |

Samples collected

10/11/2004 by

Joe Weismann, Cabrera Services

Sangho Nam, RSSI

D. Deneung, RSO

Tritium Analysis By Liquid Scintillation Sample Results Summary

Client Name: CABRERA SERVICES-NY

Laboratory Name: Paragon Analytics

Page: 1 of 2

Client Project Name: VA Lakeside

PAI Work Order: 0410100

Reported on: Monday, November 15, 2004

Client Project Number: 04-3050.14/ Task 5

12:57:26 PM

| Lab Sample ID | Client Sample ID | Sample Type | Nuclide | Result +/- 2 s TPU | MDC | Units | Matrix | Prep Batch | Date Analyzed | Flags |
|---------------|------------------|-------------|---------|--------------------|-----|-------|--------|------------|---------------|-------|
| 0410100-1 | 1-SB-10A-FD1 | Sample | H-3 | 3.1 +/- 4.3 | 7.1 | pCi/g | SOLID | 3H041028-1 | 11/2/2004 | U |
| 0410100-2 | 1-SB-10A-FD2 | Sample | H-3 | 98 +/- 16 | 7 | pCi/g | SOLID | 3H041028-1 | 11/2/2004 | |
| 0410100-3 | ST- 1 | Sample | H-3 | -11.1 +/- 5.4 | 8.7 | pCi/g | SOLID | 3H041028-1 | 11/2/2004 | U |
| 0410100-4 | ST- 2 | Sample | H-3 | -5.0 +/- 5.1 | 8.5 | pCi/g | SOLID | 3H041028-1 | 11/2/2004 | U |
| 0410100-5 | ST- 3 | Sample | H-3 | -8.1 +/- 5.1 | 8.4 | pCi/g | SOLID | 3H041028-1 | 11/3/2004 | U |
| 0410100-6 | ST- 4 | Sample | H-3 | -3.2 +/- 4.7 | 7.9 | pCi/g | SOLID | 3H041028-1 | 11/3/2004 | U |
| 0410100-7 | ST- 5 | Sample | H-3 | -7.9 +/- 5.3 | 8.7 | pCi/g | SOLID | 3H041028-1 | 11/3/2004 | U |
| 0410100-8 | ST- 6 | Sample | H-3 | -6.0 +/- 5.2 | 8.6 | pCi/g | SOLID | 3H041028-1 | 11/3/2004 | U |
| 0410100-9 | ST- 7 | Sample | H-3 | -8.3 +/- 4.9 | 8.1 | pCi/g | SOLID | 3H041028-1 | 11/8/2004 | U |

Comments:

Data Package ID: h3w0410100-1

Qualifiers/Flags:

U - Result is less than the sample specific MDC.

LT - Result is less than Requested MDC, greater than sample specific MDC

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits.

M - The requested MDC was not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Printed: Monday, November 15, 2004

Paragon Analytics

Page 1 of 2

LIMS Version: 5.105A

3000

Tritium Analysis By Liquid Scintillation Sample Results Summary

Client Name: CABRERA SERVICES-NY

Laboratory Name: Paragon Analytics

Page: 2 of 2

Client Project Name: VA Lakeside

PAI Work Order: 0410100

Reported on: Monday, November 15, 2004

Client Project Number: 04-3050.14/ Task 5

12:57:26 PM

| Lab Sample ID | Client Sample ID | Sample Type | Nuclide | Result +/- 2 s TPU | MDC | Units | Matrix | Prep Batch | Date Analyzed | Flags |
|---------------|------------------|-------------|---------|--------------------|------|-------|--------|------------|---------------|-------|
| 0410100-10 | ST-8 | Sample | H-3 | -6.8 +/- 4.5 | 7.4 | pCi/g | SOLID | 3H041028-1 | 11/4/2004 | U |
| 0410100-11 | INC-1 | Sample | H-3 | -10.7 +/- 5.3 | 8.6 | pCi/g | SOLID | 3H041028-1 | 11/4/2004 | U |
| 0410100-12 | INC-2 | Sample | H-3 | -9.7 +/- 4.9 | 8.0 | pCi/g | SOLID | 3H041028-1 | 11/4/2004 | U |
| 0410100-13 | INC-3 | Sample | H-3 | -20.4 +/- 6.9 | 10.7 | pCi/g | SOLID | 3H041028-1 | 11/5/2004 | U,M |
| 0410100-14 | INC-4 | Sample | H-3 | -6.7 +/- 4.5 | 7.4 | pCi/g | SOLID | 3H041028-1 | 11/5/2004 | U |

Comments:

Data Package ID: h3w0410100-1

Qualifiers/Flags:

U - Result is less than the sample specific MDC.

LT - Result is less than Requested MDC, greater than sample specific MDC.

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits.

M - The requested MDC was not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Printed: Monday, November 15, 2004

Paragon Analytics

Page 2 of 2

LIMS Version: 5.105A

04-3050.14

Carbon-14 by Liquid Scintillation Sample Results Summary

Client Name: CABRERA SERVICES-NY

Laboratory Name: Paragon Analytics

Page: 1 of 2

Client Project Name: VA Lakeside

PAI Work Order: 0410100

Reported on: Monday, November 08, 2004

Client Project Number: 04-3050.14/ Task 5

2:35:59 PM

| Lab Sample ID | Client Sample ID | Sample Type | Nuclide | Result +/- 2 s TPU | MDC | Units | Matrix | Prep Batch | Date Analyzed | Flags |
|---------------|------------------|-------------|---------|--------------------|-----|-------|--------|------------|---------------|-------|
| 0410100-1 | 1-SB-10A-FD1 | Sample | C-14 | 1.5 +/- 2.8 | 4.6 | pCi/g | SOLID | C_041028-1 | 11/3/2004 | U |
| 0410100-2 | 1-SB-10A-FD2 | Sample | C-14 | 2.4 +/- 2.9 | 4.7 | pCi/g | SOLID | C_041028-1 | 11/3/2004 | U |
| 0410100-3 | ST- 1 | Sample | C-14 | 3.0 +/- 2.8 | 4.5 | pCi/g | SOLID | C_041028-1 | 11/3/2004 | U |
| 0410100-4 | ST- 2 | Sample | C-14 | -0.5 +/- 2.7 | 4.5 | pCi/g | SOLID | C_041028-1 | 11/3/2004 | U |
| 0410100-5 | ST- 3 | Sample | C-14 | 1.5 +/- 2.8 | 4.6 | pCi/g | SOLID | C_041028-1 | 11/3/2004 | U |
| 0410100-6 | ST- 4 | Sample | C-14 | 2.0 +/- 2.8 | 4.6 | pCi/g | SOLID | C_041028-1 | 11/3/2004 | U |
| 0410100-7 | ST- 5 | Sample | C-14 | 0.2 +/- 2.8 | 4.7 | pCi/g | SOLID | C_041028-1 | 11/4/2004 | U |
| 0410100-8 | ST- 6 | Sample | C-14 | 2.8 +/- 2.9 | 4.6 | pCi/g | SOLID | C_041028-1 | 11/4/2004 | U |
| 0410100-9 | ST- 7 | Sample | C-14 | 1.8 +/- 2.8 | 4.7 | pCi/g | SOLID | C_041028-1 | 11/4/2004 | U |

Comments:

Data Package ID: c140410100-1

Qualifiers/Flags:

U - Result is less than the sample specific MDC.

LT - Result is less than Requested MDC, greater than sample specific MDC.

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits.

M - The requested MDC was not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Date Printed: Monday, November 08, 2004

Paragon Analytics

Page 1 of 2

LIMS Version: 5.096A

0003

Carbon-14 by Liquid Scintillation Sample Results Summary

Client Name: CABRERA SERVICES-NY

Laboratory Name: Paragon Analytics

Page: 2 of 2

Client Project Name: VA Lakeside

PAI Work Order: 0410100

Reported on: Monday, November 08, 2004

Client Project Number: 04-3050.14/ Task 5

2:35:59 PM

| Lab Sample ID | Client Sample ID | Sample Type | Nuclide | Result +/- 2 s TPU | MDC | Units | Matrix | Prep Batch | Date Analyzed | Flags |
|---------------|------------------|-------------|---------|--------------------|-----|-------|--------|------------|---------------|-------|
| 0410100-10 | ST-8 | Sample | C-14 | 0.4 +/- 1.4 | 2.3 | pCi/g | SOLID | C_041028-1 | 11/4/2004 | U |
| 0410100-11 | INC-1 | Sample | C-14 | 1.1 +/- 1.4 | 2.3 | pCi/g | SOLID | C_041028-1 | 11/4/2004 | U |
| 0410100-12 | INC-2 | Sample | C-14 | 1.1 +/- 1.4 | 2.3 | pCi/g | SOLID | C_041028-1 | 11/4/2004 | U |
| 0410100-13 | INC-3 | Sample | C-14 | 0.7 +/- 1.4 | 2.3 | pCi/g | SOLID | C_041028-1 | 11/5/2004 | U |
| 0410100-14 | INC-4 | Sample | C-14 | 1.4 +/- 1.5 | 2.4 | pCi/g | SOLID | C_041028-1 | 11/5/2004 | U |

Comments:

Data Package ID: c140410100-1

Qualifiers/Flags:

U - Result is less than the sample specific MDC.

LT - Result is less than Requested MDC, greater than sample specific MDC.

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits.

M - The requested MDC was not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Date Printed: Monday, November 08, 2004

Paragon Analytics

Page 2 of 2

LIMS Version: 5.096A

2004

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

ClientProject ID: VA Lakeside 04-3050.14/ Task 5

Field ID: 1-SB-10A-FD1

Lab ID: 0410100-1

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 10-Aug-04

Date Prepared: 29-Oct-04

Date Analyzed: 05-Nov-04

Prep Batch: GS041029-2

QCBatchID: GS041029-2-1

Run ID: GS041029-4A

Count Time: 120 minutes

Report Basis: As Received

Final Aliquot: 3.45 g

Prep Basis: Dry Weight

Moisture(%): 49.300

Result Units: pCi/g

File Name: 041862D02D

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|------|---------------|
| 14331-83-0 | Ac-228 | 0 +/- 2.1 | 3.8 | U |
| 13966-02-4 | Be-7 | -1.0 +/- 8.3 | 15.2 | U |
| 14913-49-6 | Bi-212 | 1.2 +/- 3.0 | 5.3 | U |
| 14733-03-0 | Bi-214 | 1.0 +/- 1.0 | 1.7 | U,J |
| 10198-40-0 | Co-60 | -0.13 +/- 0.41 | 0.84 | U |
| 10045-97-3 | Cs-137 | 0.14 +/- 0.37 | 0.65 | U |
| 13966-00-2 | K-40 | 7.4 +/- 8.3 | 13.4 | U |
| 15100-28-4 | Pa-234m | -59 +/- 68 | 133 | U |
| 15092-94-1 | Pb-212 | -0.12 +/- 0.72 | 1.26 | U |
| 15067-28-4 | Pb-214 | -0.04 +/- 0.93 | 1.62 | U,J |
| 13982-63-3 | Ra-226 | 4.4 +/- 8.0 | 13.4 | U |
| 15065-10-8 | Th-234 | 8 +/- 13 | 21 | U |
| 14913-50-9 | Tl-208 | 0.12 +/- 0.53 | 0.91 | U |
| 15117-96-1 | U-235 | 0.2 +/- 1.9 | 3.3 | U |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives

G - Sample density differs by more than 15% of LCS density.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Duplicate Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

Client/Project ID: VA Lakeside 04-3050.14/ Task 5

Field ID: 1-SB-10A-FD1

Lab ID: 0410100-1DUP

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 10-Aug-04

Date Prepared: 29-Oct-04

Date Analyzed: 08-Nov-04

Prep Batch: GS041029-2

QC Batch ID: GS041029-2-1

Run ID: GS041029-4A

Count Time: 120 minutes

Report Basis: As Received

Final Aliquot: 3.45 g

Prep Basis: Dry Weight

Moisture(%): 49.300

Result Units: pCi/g

File Name: 041673D10B

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|------|---------------|
| 14331-83-0 | Ac-228 | 1.9 +/- 1.6 | 2.5 | U |
| 13966-02-4 | Be-7 | -4.3 +/- 8.6 | 15.2 | U |
| 14913-49-6 | Bi-212 | 1.5 +/- 3.7 | 6.2 | U |
| 14733-03-0 | Bi-214 | 1.5 +/- 1.4 | 2.2 | U,J |
| 10198-40-0 | Co-60 | -0.14 +/- 0.47 | 0.84 | U |
| 10045-97-3 | Cs-137 | -0.23 +/- 0.41 | 0.72 | U |
| 13966-00-2 | K-40 | 9.3 +/- 7.4 | 11.7 | U |
| 15100-28-4 | Pa-234m | -16 +/- 51 | 91 | U |
| 15092-94-1 | Pb-212 | -0.07 +/- 0.59 | 1.01 | U |
| 15067-28-4 | Pb-214 | -0.1 +/- 1.1 | 1.9 | U,J |
| 13982-63-3 | Ra-226 | 0.7 +/- 7.2 | 12.0 | U |
| 15065-10-8 | Th-234 | 0 +/- 10 | 18 | U |
| 14913-50-9 | Tl-208 | -0.07 +/- 0.40 | 0.69 | U |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

M - The requested MDC was not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

W - DER is greater than Warning Limit of 1.42

D - DER is greater than Control Limit of 2.13

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Date Printed: Monday, November 15, 2004

Paragon Analytics

LIMS Version: 5.105A

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Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Duplicate Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

ClientProject ID: VA Lakeside 04-3050.14/ Task 5

| | | | |
|------------------------|---------------------------|---------------------------|------------------------|
| Field ID: 1-SB-10A-FD1 | Sample Matrix: SOLID | Prep Batch: GS041029-2 | Final Allquot: 3.45 g |
| Lab ID: 0410100-1DUP | Prep SOP: PAI 739 Rev 8 | QCBatchID: GS041029-2-1 | Prep Basis: Dry Weight |
| | Date Collected: 10-Aug-04 | Run ID: GS041029-4A | Moisture(%): 49.300 |
| | Date Prepared: 29-Oct-04 | Count Time: 120 minutes | Result Units: pCi/g |
| Library: CABRERA1 | Date Analyzed: 08-Nov-04 | Report Basis: As Received | File Name: 041673D10B |

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|-----|---------------|
| 15117-96-1 | U-235 | 0.8 +/- 1.8 | 3.0 | U |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.

Y2 - Chemical Yield outside default limits

LT - Result is less than Requested MDC, greater than sample specific MDC.

M - The requested MDC was not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

W - DER is greater than Warning Limit of 1.42

D - DER is greater than Control Limit of 2.13

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

T1 - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

ClientProject ID: VA Lakeside 04-3050.14/ Task 5

Field ID: 1-SB-10A-FD2

Lab ID: 0410100-2

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 10-Aug-04

Date Prepared: 29-Oct-04

Date Analyzed: 05-Nov-04

Prep Batch: GS041029-2

QCBatchID: GS041029-2-1

Run ID: GS041029-4A

Count Time: 120 minutes

Report Basis: As Received

Final Aliquot: 0.660 g

Prep Basis: Dry Weight

Moisture(%): 79.400

Result Units: pCi/g

File Name: 041665D10B

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|------|---------------|
| 14331-83-0 | Ac-228 | 0.5 +/- 3.2 | 5.5 | U |
| 13966-02-4 | Be-7 | -5 +/- 19 | 32 | U |
| 14913-49-6 | Bi-212 | 2.6 +/- 8.1 | 13.7 | U |
| 14733-03-0 | Bi-214 | -1.1 +/- 2.9 | 4.9 | U,J |
| 10198-40-0 | Co-60 | -0.4 +/- 1.0 | 1.9 | U |
| 10045-97-3 | Cs-137 | -0.44 +/- 0.87 | 1.55 | U |
| 13966-00-2 | K-40 | 29 +/- 16 | 24 | |
| 15100-28-4 | Pa-234m | 10 +/- 120 | 210 | U |
| 15092-94-1 | Pb-212 | 0.1 +/- 1.4 | 2.3 | U |
| 15067-28-4 | Pb-214 | -0.9 +/- 2.3 | 3.9 | U,J |
| 13982-63-3 | Ra-226 | 4 +/- 15 | 24 | U |
| 15065-10-8 | Th-234 | -14 +/- 23 | 39 | U |
| 14913-50-9 | Tl-208 | 0.2 +/- 1.0 | 1.7 | U |
| 15117-96-1 | U-235 | 1.7 +/- 3.2 | 7.3 | U |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

ClientProject ID: VA Lakeside 04-3050.14/ Task 5

Field ID: ST-1

Lab ID: 0410100-3

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 11-Oct-04

Date Prepared: 29-Oct-04

Date Analyzed: 01-Nov-04

Prep Batch: GS041029-3

QCBatchID: GS041029-3-1

Run ID: GS041029-4A

Count Time: 120 minutes

Report Basis: As Received

Final Aliquot: 199 g

Prep Basis: As Received

Moisture(%): 2.500

Result Units: pCi/g

File Name: 040943D06A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|-------|---------------|
| 14331-83-0 | Ac-228 | 0.55 +/- 0.18 | 0.37 | G |
| 13966-02-4 | Be-7 | -0.17 +/- 0.43 | 0.79 | U,G |
| 14913-49-6 | Bi-212 | 0.56 +/- 0.43 | 0.66 | U,G |
| 14733-03-0 | Bi-214 | 1.10 +/- 0.21 | 0.22 | G,J |
| 10198-40-0 | Co-60 | 0.017 +/- 0.043 | 0.076 | U,G |
| 10045-97-3 | Cs-137 | 0.137 +/- 0.068 | 0.097 | G |
| 13966-00-2 | K-40 | 7.2 +/- 1.5 | 1.3 | G |
| 15100-28-4 | Pa-234m | 0 +/- 5.9 | 10.6 | U,G |
| 15092-94-1 | Pb-212 | 0.90 +/- 0.16 | 0.15 | G |
| 15067-28-4 | Pb-214 | 1.17 +/- 0.19 | 0.17 | G,J |
| 13982-63-3 | Ra-226 | 0.9 +/- 1.4 | 2.3 | U,G |
| 15065-10-8 | Th-234 | 3.2 +/- 4.3 | 7.0 | U,G |
| 14913-50-9 | Tl-208 | 0.254 +/- 0.081 | 0.100 | G |
| 15117-96-1 | U-235 | -0.09 +/- 0.26 | 0.46 | U,G |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits

LT - Result is less than Requested MDC, greater than sample specific MDC.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide Identification and/or quantitation is tentative.

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density.

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

Client/Project ID: VA Lakeside 04-3050.14/ Task 5

Field ID: ST-2

Lab ID: 0410100-4

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 11-Oct-04

Date Prepared: 29-Oct-04

Date Analyzed: 01-Nov-04

Prep Batch: GS041029-3

QCBatchID: GS041029-3-1

Run ID: GS041029-4A

Count Time: 120 minutes

Report Basis: As Received

Final Aliquot: 189 g

Prep Basis: As Received

Moisture(%): 2.600

Result Units: pCi/g

File Name: 041823D03A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|-------|---------------|
| 14331-83-0 | Ac-228 | 0.55 +/- 0.14 | 0.26 | G |
| 13966-02-4 | Be-7 | 0.04 +/- 0.33 | 0.56 | U,G |
| 14913-49-6 | Bi-212 | 0.12 +/- 0.30 | 0.50 | U,G |
| 14733-03-0 | Bi-214 | 0.89 +/- 0.15 | 0.16 | G,J |
| 10198-40-0 | Co-60 | -0.006 +/- 0.034 | 0.061 | U,G |
| 10045-97-3 | Cs-137 | 0.102 +/- 0.044 | 0.063 | G |
| 13966-00-2 | K-40 | 6.1 +/- 1.1 | 0.9 | G |
| 15100-28-4 | Pa-234m | -0.5 +/- 4.0 | 7.0 | U,G |
| 15092-94-1 | Pb-212 | 0.70 +/- 0.13 | 0.13 | G |
| 15067-28-4 | Pb-214 | 0.92 +/- 0.14 | 0.14 | G,J |
| 13982-63-3 | Ra-226 | 0.5 +/- 1.1 | 1.9 | U,G |
| 15065-10-8 | Th-234 | -0.9 +/- 2.2 | 3.6 | U,G |
| 14913-50-9 | Tl-208 | 0.186 +/- 0.055 | 0.073 | G |
| 15117-96-1 | U-235 | -0.08 +/- 0.21 | 0.35 | U,G |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

M - The requested MDC was not met.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density.

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Duplicate Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

Client/Project ID: VA Lakeside 04-3050.14/ Task 5

Field ID: ST-2

Lab ID: 0410100-4DUP

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 11-Oct-04

Date Prepared: 29-Oct-04

Date Analyzed: 02-Nov-04

Prep Batch: GS041029-3

QCBatchID: GS041029-3-1

Run ID: GS041029-4A

Count Time: 120 minutes

Report Basis: As Received

Final Allquot: 189 g

Prep Basis: As Received

Moisture(%): 2.600

Result Units: pCi/g

File Name: 040947D06A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|-------|---------------|
| 14331-83-0 | Ac-228 | 0.57 +/- 0.21 | 0.45 | G |
| 13966-02-4 | Be-7 | 0.05 +/- 0.46 | 0.80 | U,G |
| 14913-49-6 | Bi-212 | 0.46 +/- 0.32 | 0.47 | U,G |
| 14733-03-0 | Bi-214 | 0.89 +/- 0.19 | 0.22 | G,J |
| 10198-40-0 | Co-60 | -0.029 +/- 0.049 | 0.099 | U,G |
| 10045-97-3 | Cs-137 | 0.089 +/- 0.049 | 0.068 | G |
| 13966-00-2 | K-40 | 6.4 +/- 1.5 | 1.3 | G |
| 15100-28-4 | Pa-234m | 2.3 +/- 5.0 | 8.7 | U,G |
| 15092-94-1 | Pb-212 | 0.63 +/- 0.14 | 0.15 | G |
| 15067-28-4 | Pb-214 | 0.92 +/- 0.17 | 0.19 | G,J |
| 13982-63-3 | Ra-226 | 0.6 +/- 1.4 | 2.4 | U,G |
| 15065-10-8 | Th-234 | 2.1 +/- 4.4 | 7.4 | U,G |
| 14913-50-9 | Tl-208 | 0.249 +/- 0.080 | 0.098 | G |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU.

Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC

M - The requested MDC was not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

W - DER is greater than Warning Limit of 1.42

D - DER is greater than Control Limit of 2.13

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Duplicate Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

ClientProject ID: VA Lakeside 04-3050.14/ Task 5

Field ID: ST- 2

Lab ID: 0410100-4DUP

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 11-Oct-04

Date Prepared: 29-Oct-04

Date Analyzed: 02-Nov-04

Prep Batch: GS041029-3

QCBatchID: GS041029-3-1

Run ID: GS041029-4A

Count Time: 120 minutes

Report Basis: As Received

Final Aliquot: 189 g

Prep Basis: As Received

Moisture(%): 2.600

Result Units: pCi/g

File Name: 040947D06A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|------|---------------|
| 15117-96-1 | U-235 | 0.23 +/- 0.24 | 0.39 | U,G |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU.

Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC

M - The requested MDC was not met

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

W - DER is greater than Warning Limit of 1.42

D - DER is greater than Control Limit of 2.13

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density.

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

ClientProject ID: VA Lakeside 04-3050.14/ Task 5

Field ID: ST-3

Lab ID: 0410100-5

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 11-Oct-04

Date Prepared: 29-Oct-04

Date Analyzed: 01-Nov-04

Prep Batch: GS041029-3

QCBatchID: GS041029-3-1

Run ID: GS041029-4A

Count Time: 120 minutes

Report Basis: As Received

Final Aliquot: 185 g

Prep Basis: As Received

Moisture(%): 2.600

Result Units: pCi/g

File Name: 041860D08A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|-------|---------------|
| 14331-83-0 | Ac-228 | 0.49 +/- 0.23 | 0.45 | G,TI |
| 13966-02-4 | Be-7 | 0.17 +/- 0.49 | 0.83 | U,G |
| 14913-49-6 | Bi-212 | 0.48 +/- 0.39 | 0.60 | U,G |
| 14733-03-0 | Bi-214 | 0.66 +/- 0.18 | 0.21 | G,J |
| 10198-40-0 | Co-60 | 0.041 +/- 0.056 | 0.092 | U,G |
| 10045-97-3 | Cs-137 | 0.104 +/- 0.060 | 0.068 | G |
| 13966-00-2 | K-40 | 8.4 +/- 1.6 | 1.2 | G |
| 15100-28-4 | Pa-234m | 6.3 +/- 6.6 | 10.5 | U,G |
| 15092-94-1 | Pb-212 | 0.59 +/- 0.13 | 0.14 | G |
| 15067-28-4 | Pb-214 | 0.72 +/- 0.15 | 0.18 | G,J |
| 13982-63-3 | Ra-226 | 1.1 +/- 1.0 | 1.6 | U,G |
| 15065-10-8 | Th-234 | 0.08 +/- 0.87 | 1.47 | U,G |
| 14913-50-9 | Tl-208 | 0.156 +/- 0.071 | 0.099 | G |
| 15117-96-1 | U-235 | 0.13 +/- 0.18 | 0.29 | U,G |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density.

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

Client/Project ID: VA Lakeside 04-3050.14/ Task 5

Field ID: ST-4
Lab ID: 0410100-6

Sample Matrix: SOLID
Prep SOP: PAI 739 Rev 8
Date Collected: 11-Oct-04
Date Prepared: 29-Oct-04
Date Analyzed: 01-Nov-04

Prep Batch: GS041029-3
QCBatchID: GS041029-3-1
Run ID: GS041029-4A
Count Time: 120 minutes
Report Basis: As Received

Final Aliquot: 209 g
Prep Basis: As Received
Moisture(%): 3.000
Result Units: pCi/g
File Name: 041637D10A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|-------|---------------|
| 14331-83-0 | Ac-228 | 0.66 +/- 0.14 | 0.24 | G |
| 13966-02-4 | Be-7 | -0.19 +/- 0.32 | 0.56 | U,G |
| 14913-49-6 | Bi-212 | 0.36 +/- 0.31 | 0.50 | U,G |
| 14733-03-0 | Bi-214 | 0.65 +/- 0.13 | 0.18 | G,J |
| 10198-40-0 | Co-60 | 0.007 +/- 0.033 | 0.057 | U,G |
| 10045-97-3 | Cs-137 | 0.148 +/- 0.042 | 0.054 | G |
| 13966-00-2 | K-40 | 9.3 +/- 1.3 | 0.8 | G |
| 15100-28-4 | Pa-234m | 1.1 +/- 4.4 | 7.5 | U,G |
| 15092-94-1 | Pb-212 | 0.60 +/- 0.10 | 0.10 | G |
| 15067-28-4 | Pb-214 | 0.88 +/- 0.14 | 0.17 | G,J |
| 13982-63-3 | Ra-226 | 0.91 +/- 0.71 | 1.14 | U,G |
| 15065-10-8 | Th-234 | 0.8 +/- 1.1 | 1.9 | U,G |
| 14913-50-9 | Tl-208 | 0.198 +/- 0.052 | 0.065 | G |
| 15117-96-1 | U-235 | 0.20 +/- 0.18 | 0.28 | U,G |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.
Y2 - Chemical Yield outside default limits.
LT - Result is less than Requested MDC, greater than sample specific MDC.
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.
M - The requested MDC was not met.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives

G - Sample density differs by more than 15% of LCS density.

Data Package ID: GSS0410100-1

Date Printed: Monday, November 15, 2004

Paragon Analytics
LIMS Version: 5.105A

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Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

ClientProject ID: VA Lakeside 04-3050.14/ Task 5

Field ID: ST- 5
Lab ID: 0410100-7

Sample Matrix: SOLID
Prep SOP: PAI 739 Rev 8
Date Collected: 11-Oct-04
Date Prepared: 29-Oct-04
Date Analyzed: 01-Nov-04

Prep Batch: GS041029-3
QCBatchID: GS041029-3-1
Run ID: GS041029-4A
Count Time: 120 minutes
Report Basis: As Received

Final Aliquot: 278 g
Prep Basis: As Received
Moisture(%): 2.700
Result Units: pCi/g
File Name: 040944D06A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|-------|---------------|
| 14331-83-0 | Ac-228 | 0.47 +/- 0.15 | 0.29 | G |
| 13966-02-4 | Be-7 | 0.10 +/- 0.34 | 0.58 | U,G |
| 14913-49-6 | Bi-212 | 0.32 +/- 0.29 | 0.47 | U,G |
| 14733-03-0 | Bi-214 | 0.61 +/- 0.13 | 0.15 | G,J |
| 10198-40-0 | Co-60 | -0.003 +/- 0.037 | 0.068 | U,G |
| 10045-97-3 | Cs-137 | 0.093 +/- 0.046 | 0.064 | G |
| 13966-00-2 | K-40 | 9.2 +/- 1.6 | 1.0 | G |
| 15100-28-4 | Pa-234m | 0.5 +/- 3.9 | 7.1 | U,G |
| 15092-94-1 | Pb-212 | 0.64 +/- 0.12 | 0.10 | G |
| 15067-28-4 | Pb-214 | 0.82 +/- 0.14 | 0.13 | G,J |
| 13982-63-3 | Ra-226 | 0.12 +/- 0.99 | 1.67 | U,G |
| 15065-10-8 | Th-234 | 3.2 +/- 3.2 | 5.1 | U,G |
| 14913-50-9 | Tl-208 | 0.198 +/- 0.058 | 0.068 | G |
| 15117-96-1 | U-235 | 0.08 +/- 0.19 | 0.31 | U,G |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives

G - Sample density differs by more than 15% of LCS density.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Date Printed: Monday, November 15, 2004

Paragon Analytics

LIMS Version: 5.105A

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Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

ClientProject ID: VA Lakeside 04-3050.14/ Task 5

Field ID: ST-6

Lab ID: 0410100-8

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 11-Oct-04

Date Prepared: 29-Oct-04

Date Analyzed: 02-Nov-04

Prep Batch: GS041029-4

QCBatchID: GS041029-4-1

Run ID: GS041029-4A

Count Time: 120 minutes

Report Basis: As Received

Final Aliquot: 66.8 g

Prep Basis: As Received

Moisture(%): 1.700

Result Units: pCi/g

File Name: 042633D01A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|-------|---------------|
| 14331-83-0 | Ac-228 | 0.69 +/- 0.25 | 0.54 | G |
| 13966-02-4 | Be-7 | -0.05 +/- 0.63 | 1.12 | U,G |
| 14913-49-6 | Bi-212 | 0.27 +/- 0.63 | 1.07 | U,G |
| 14733-03-0 | Bi-214 | 0.87 +/- 0.24 | 0.31 | G,J |
| 10198-40-0 | Co-60 | -0.119 +/- 0.098 | 0.203 | U,G |
| 10045-97-3 | Cs-137 | 0.115 +/- 0.080 | 0.119 | U,G |
| 13966-00-2 | K-40 | 2.1 +/- 1.5 | 2.3 | U,G |
| 15100-28-4 | Pa-234m | 5.4 +/- 9.8 | 16.7 | U,G |
| 15092-94-1 | Pb-212 | 0.68 +/- 0.15 | 0.16 | G |
| 15067-28-4 | Pb-214 | 0.97 +/- 0.19 | 0.22 | G,J |
| 13982-63-3 | Ra-226 | 2.3 +/- 1.3 | 2.1 | G,SI |
| 15065-10-8 | Th-234 | 1.8 +/- 3.5 | 5.8 | U,G |
| 14913-50-9 | Tl-208 | 0.240 +/- 0.096 | 0.128 | G |
| 15117-96-1 | U-235 | -0.11 +/- 0.34 | 0.59 | U,G |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide Identification and/or quantitation is tentative.

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives

G - Sample density differs by more than 15% of LCS density

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Date Printed: Monday, November 15, 2004

Paragon Analytics

LIMS Version: 5.105A

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Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

Client/Project ID: VA Lakeside 04-3050.14/ Task 5

Field ID: ST-7

Lab ID: 0410100-9

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 11-Oct-04

Date Prepared: 29-Oct-04

Date Analyzed: 02-Nov-04

Prep Batch: GS041029-4

QCBatchID: GS041029-4-1

Run ID: GS041029-4A

Count Time: 120 minutes

Report Basis: As Received

Final Allquot: 94.0 g

Prep Basis: As Received

Moisture(%): 1.100

Result Units: pCi/g

File Name: 040948D06A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|-------|---------------|
| 14331-83-0 | Ac-228 | 0.82 +/- 0.18 | 0.37 | |
| 13966-02-4 | Be-7 | -0.27 +/- 0.41 | 0.78 | U |
| 14913-49-6 | Bi-212 | 0.16 +/- 0.45 | 0.77 | U |
| 14733-03-0 | Bi-214 | 0.63 +/- 0.17 | 0.21 | J |
| 10198-40-0 | Co-60 | 0.016 +/- 0.042 | 0.074 | U |
| 10045-97-3 | Cs-137 | 0.013 +/- 0.048 | 0.084 | U |
| 13966-00-2 | K-40 | 3.7 +/- 1.2 | 1.4 | |
| 15100-28-4 | Pa-234m | 3.3 +/- 5.7 | 9.7 | U |
| 15092-94-1 | Pb-212 | 0.71 +/- 0.14 | 0.13 | |
| 15067-28-4 | Pb-214 | 0.72 +/- 0.14 | 0.18 | J |
| 13982-63-3 | Ra-226 | 1.6 +/- 1.0 | 1.6 | SI |
| 15065-10-8 | Th-234 | -0.3 +/- 3.4 | 5.9 | U |
| 14913-50-9 | Tl-208 | 0.271 +/- 0.078 | 0.094 | |
| 15117-96-1 | U-235 | 0.20 +/- 0.22 | 0.36 | U |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

ClientProject ID: VA Lakeside 04-3050.14/ Task 5

Field ID: ST-8
Lab ID: 0410100-10

Sample Matrix: SOLID
Prep SOP: PAI 739 Rev 8
Date Collected: 11-Oct-04
Date Prepared: 29-Oct-04
Date Analyzed: 02-Nov-04

Prep Batch: GS041029-4
QCBatchID: GS041029-4-1
Run ID: GS041029-4A
Count Time: 120 minutes
Report Basis: As Received

Final Allquot: 105 g
Prep Basis: As Received
Moisture(%): 0.400
Result Units: pCi/g
File Name: 040667D09A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|-------|---------------|
| 14331-83-0 | Ac-228 | 0.18 +/- 0.19 | 0.31 | U |
| 13966-02-4 | Be-7 | 0.78 +/- 0.54 | 0.83 | U |
| 14913-49-6 | Bi-212 | 0.19 +/- 0.30 | 0.51 | U |
| 14733-03-0 | Bi-214 | 0.094 +/- 0.092 | 0.148 | U,J |
| 10198-40-0 | Co-60 | 0.017 +/- 0.041 | 0.071 | U |
| 10045-97-3 | Cs-137 | 0.114 +/- 0.055 | 0.079 | |
| 13966-00-2 | K-40 | 3.27 +/- 0.94 | 1.03 | |
| 15100-28-4 | Pa-234m | 4.4 +/- 4.4 | 7.0 | U |
| 15092-94-1 | Pb-212 | 0.134 +/- 0.070 | 0.105 | |
| 15067-28-4 | Pb-214 | 0.155 +/- 0.069 | 0.116 | J |
| 13982-63-3 | Ra-226 | 0.21 +/- 0.71 | 1.21 | U |
| 15065-10-8 | Th-234 | 0.3 +/- 4.1 | 7.0 | U |
| 14913-50-9 | Tl-208 | 0.028 +/- 0.039 | 0.065 | U |
| 15117-96-1 | U-235 | 0.21 +/- 0.18 | 0.28 | U |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed
Y2 - Chemical Yield outside default limits.
LT - Result is less than Requested MDC, greater than sample specific MDC.
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.
M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives

G - Sample density differs by more than 15% of LCS density.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Duplicate Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

Client/Project ID: VA Lakeside 04-3050.14/ Task 5

Field ID: ST-8

Lab ID: 0410100-10DUP

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 11-Oct-04

Date Prepared: 29-Oct-04

Date Analyzed: 02-Nov-04

Prep Batch: GS041029-4

QCBatchID: GS041029-4-1

Run ID: GS041029-4A

Count Time: 120 minutes

Report Basis: As Received

Final Aliquot: 113 g

Prep Basis: As Received

Moisture(%): 0.400

Result Units: pCi/g

File Name: 041646D10A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|-------|---------------|
| 14331-83-0 | Ac-228 | 0.18 +/- 0.13 | 0.20 | U |
| 13966-02-4 | Be-7 | 0.52 +/- 0.26 | 0.37 | |
| 14913-49-6 | Bi-212 | 0.08 +/- 0.27 | 0.46 | U |
| 14733-03-0 | Bi-214 | 0.12 +/- 0.10 | 0.16 | U,J |
| 10198-40-0 | Co-60 | -0.002 +/- 0.031 | 0.054 | U |
| 10045-97-3 | Cs-137 | 0.066 +/- 0.027 | 0.038 | |
| 13966-00-2 | K-40 | 4.37 +/- 0.82 | 0.79 | |
| 15100-28-4 | Pa-234m | -0.5 +/- 3.7 | 6.4 | U |
| 15092-94-1 | Pb-212 | 0.148 +/- 0.055 | 0.081 | |
| 15067-28-4 | Pb-214 | 0.124 +/- 0.072 | 0.135 | U,J |
| 13982-63-3 | Ra-226 | 0.57 +/- 0.55 | 0.89 | U |
| 15065-10-8 | Th-234 | -0.37 +/- 0.60 | 1.03 | U |
| 14913-50-9 | Tl-208 | 0.041 +/- 0.034 | 0.054 | U |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU.

Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

M - The requested MDC was not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

W - DER is greater than Warning Limit of 1.42

D - DER is greater than Control Limit of 2.13

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Duplicate Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

Client/Project ID: VA Lakeside 04-3050.14/ Task 5

Field ID: ST-8

Lab ID: 0410100-10DUP

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 11-Oct-04

Date Prepared: 29-Oct-04

Date Analyzed: 02-Nov-04

Prep Batch: GS041029-4

QCBatchID: GS041029-4-1

Run ID: GS041029-4A

Count Time: 120 minutes

Report Basis: As Received

Final Aliquot: 113 g

Prep Basis: As Received

Moisture(%): 0.400

Result Units: pCi/g

File Name: 041646D10A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|------|---------------|
| 15117-96-1 | U-235 | 0.09 +/- 0.15 | 0.25 | U |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU.

Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

M - The requested MDC was not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

W - DER is greater than Warning Limit of 1.42

D - DER is greater than Control Limit of 2.13

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

Client/Project ID: VA Lakeside 04-3050.14/ Task 5

Field ID: INC-1

Lab ID: 0410100-11

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 11-Oct-04

Date Prepared: 29-Oct-04

Date Analyzed: 02-Nov-04

Prep Batch: GS041029-4

QCBatchID: GS041029-4-1

Run ID: GS041029-4A

Count Time: 120 minutes

Report Basis: As Received

Final Aliquot: 48.9 g

Prep Basis: As Received

Moisture(%): 0.900

Result Units: pCi/g

File Name: 042634D01A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|-------|---------------|
| 14331-83-0 | Ac-228 | 0.82 +/- 0.38 | 0.83 | U,G |
| 13966-02-4 | Be-7 | -0.19 +/- 0.85 | 1.54 | U,G |
| 14913-49-6 | Bi-212 | 0.74 +/- 0.83 | 1.34 | U,G |
| 14733-03-0 | Bi-214 | 0.43 +/- 0.34 | 0.53 | U,G,J |
| 10198-40-0 | Co-60 | 0.04 +/- 0.12 | 0.21 | U,G |
| 10045-97-3 | Cs-137 | -0.003 +/- 0.094 | 0.170 | U,G |
| 13966-00-2 | K-40 | 8.7 +/- 2.9 | 3.5 | G |
| 15100-28-4 | Pa-234m | -4 +/- 13 | 24 | U,G |
| 15092-94-1 | Pb-212 | 0.49 +/- 0.17 | 0.23 | G |
| 15067-28-4 | Pb-214 | 0.39 +/- 0.17 | 0.31 | G,J |
| 13982-63-3 | Ra-226 | 0.8 +/- 1.6 | 2.6 | U,G |
| 15065-10-8 | Th-234 | 2.9 +/- 4.5 | 7.4 | U,G |
| 14913-50-9 | Tl-208 | 0.22 +/- 0.12 | 0.18 | G |
| 15117-96-1 | U-235 | 0.07 +/- 0.45 | 0.77 | U,G |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives

G - Sample density differs by more than 15% of LCS density.

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

ClientProject ID: VA Lakeside 04-3050.14/ Task 5

Field ID: INC-2
Lab ID: 0410100-12

Sample Matrix: SOLID
Prep SOP: PAI 739 Rev 8
Date Collected: 11-Oct-04
Date Prepared: 29-Oct-04
Date Analyzed: 02-Nov-04

Prep Batch: GS041029-4
QCBatchID: GS041029-4-1
Run ID: GS041029-4A
Count Time: 120 minutes
Report Basis: As Received

Final Allquot: 38.1 g
Prep Basis: As Received
Moisture(%): 1.300
Result Units: pCi/g
File Name: 040949D06A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|------|---------------|
| 14331-83-0 | Ac-228 | 0.88 +/- 0.42 | 0.93 | U,G |
| 13966-02-4 | Be-7 | -0.02 +/- 0.92 | 1.67 | U,G |
| 14913-49-6 | Bi-212 | 1.51 +/- 0.96 | 1.39 | G,TI |
| 14733-03-0 | Bi-214 | 0.40 +/- 0.34 | 0.54 | U,G,J |
| 10198-40-0 | Co-60 | -0.08 +/- 0.12 | 0.24 | U,G |
| 10045-97-3 | Cs-137 | 0.12 +/- 0.12 | 0.19 | U,G |
| 13966-00-2 | K-40 | 11.0 +/- 3.0 | 3.2 | G |
| 15100-28-4 | Pa-234m | 4 +/- 13 | 24 | U,G |
| 15092-94-1 | Pb-212 | 0.94 +/- 0.24 | 0.28 | G |
| 15067-28-4 | Pb-214 | 0.63 +/- 0.23 | 0.39 | G,J |
| 13982-63-3 | Ra-226 | 0.2 +/- 2.0 | 3.4 | U,G |
| 15065-10-8 | Th-234 | 3.3 +/- 7.6 | 12.7 | U,G |
| 14913-50-9 | Tl-208 | 0.28 +/- 0.15 | 0.22 | G |
| 15117-96-1 | U-235 | 0.49 +/- 0.47 | 0.75 | U,G |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.
Y2 - Chemical Yield outside default limits.
LT - Result is less than Requested MDC, greater than sample specific MDC
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.
M - The requested MDC was not met.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

SQ - Spectral quality prevents accurate quantitation.
SI - Nuclide identification and/or quantitation is tentative.
TI - Nuclide identification is tentative.
R - Nuclide has exceeded 8 half-lives.
G - Sample density differs by more than 15% of LCS density.

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

Client/Project ID: VA Lakeside 04-3050.14/ Task 5

Field ID: INC-3
Lab ID: 0410100-13

Sample Matrix: SOLID
Prep SOP: PAI 739 Rev 8
Date Collected: 11-Oct-04
Date Prepared: 29-Oct-04
Date Analyzed: 02-Nov-04

Prep Batch: GS041029-4
QCBatchID: GS041029-4-1
Run ID: GS041029-4A
Count Time: 120 minutes
Report Basis: As Received

Final Aliquot: 42.2 g
Prep Basis: As Received
Moisture(%): 3.600
Result Units: pCi/g
File Name: 041647D10A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|-------|---------------|
| 14331-83-0 | Ac-228 | 0.76 +/- 0.28 | 0.59 | G |
| 13966-02-4 | Be-7 | -0.55 +/- 0.70 | 1.25 | U,G |
| 14913-49-6 | Bi-212 | 0.53 +/- 0.77 | 1.26 | U,G |
| 14733-03-0 | Bi-214 | 0.36 +/- 0.27 | 0.43 | U,G,J |
| 10198-40-0 | Co-60 | 0 +/- 0.078 | 0.136 | U,G |
| 10045-97-3 | Cs-137 | -0.002 +/- 0.081 | 0.139 | U,G |
| 13966-00-2 | K-40 | 15.4 +/- 2.6 | 2.1 | G |
| 15100-28-4 | Pa-234m | -1 +/- 10 | 17 | U,G |
| 15092-94-1 | Pb-212 | 0.89 +/- 0.18 | 0.20 | G |
| 15067-28-4 | Pb-214 | 0.45 +/- 0.20 | 0.37 | G,J |
| 13982-63-3 | Ra-226 | 3.8 +/- 2.0 | 3.0 | G,TI |
| 15065-10-8 | Th-234 | -0.8 +/- 1.6 | 2.8 | U,G |
| 14913-50-9 | Tl-208 | 0.24 +/- 0.10 | 0.14 | G |
| 15117-96-1 | U-235 | 0.23 +/- 0.39 | 0.64 | U,G |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed.
Y2 - Chemical Yield outside default limits.
LT - Result is less than Requested MDC, greater than sample specific MDC
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.
M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

Data Package ID: GSS0410100-1

Gamma Spectroscopy Results

PAI 713 Rev 8

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0410100

Client Name: CABRERA SERVICES-NY

Client/Project ID: VA Lakeside 04-3050.14/ Task 5

Field ID: INC-4

Lab ID: 0410100-14

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 11-Oct-04

Date Prepared: 29-Oct-04

Date Analyzed: 03-Nov-04

Prep Batch: GS041029-4

QCBatchID: GS041029-4-1

Run ID: GS041029-4A

Count Time: 120 minutes

Report Basis: As Received

Final Aliquot: 82.5 g

Prep Basis: As Received

Moisture(%): 0.800

Result Units: pCi/g

File Name: 040670D09A

Library: CABRERA1

| CASNO | Target Nuclide | Result +/- 2 s TPU | MDC | Lab Qualifier |
|------------|----------------|--------------------|-------|---------------|
| 14331-83-0 | Ac-228 | 0.54 +/- 0.21 | 0.38 | G |
| 13966-02-4 | Be-7 | 0.08 +/- 0.46 | 0.80 | U,G |
| 14913-49-6 | Bi-212 | 0.48 +/- 0.45 | 0.72 | U,G |
| 14733-03-0 | Bi-214 | 0.41 +/- 0.17 | 0.24 | G,J |
| 10198-40-0 | Co-60 | 0.040 +/- 0.056 | 0.092 | U,G |
| 10045-97-3 | Cs-137 | 0.031 +/- 0.054 | 0.091 | U,G |
| 13966-00-2 | K-40 | 8.4 +/- 1.7 | 1.5 | G |
| 15100-28-4 | Pa-234m | -3.9 +/- 7.0 | 13.0 | U,G |
| 15092-94-1 | Pb-212 | 0.59 +/- 0.13 | 0.15 | G |
| 15067-28-4 | Pb-214 | 0.34 +/- 0.11 | 0.18 | G,J |
| 13982-63-3 | Ra-226 | 0.2 +/- 1.1 | 1.9 | U,G |
| 15065-10-8 | Th-234 | 2.5 +/- 5.6 | 9.4 | U,G |
| 14913-50-9 | Tl-208 | 0.167 +/- 0.065 | 0.087 | G |
| 15117-96-1 | U-235 | -0.01 +/- 0.25 | 0.43 | U,G |

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits

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Abbreviations:

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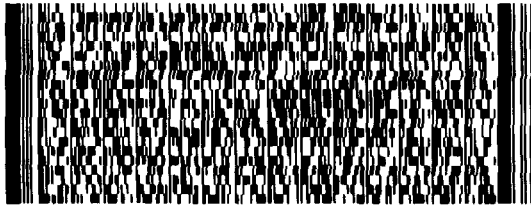
Data Package ID: GSS0410100-1

From Origin ID (501)257-1571
KELLY MAYO
VETERANS HEALTH ADMINISTRATION
2200 FORT ROOTS DR
B101 R208E
NORTH LITTLE ROCK, AR 72114



CLB12790406/10

SHIP TO: (501)257-1571 **BILL SENDER**
Kevin Null
Nuclear Regulatory Commission
2443 Warrenville Rd
STE 210
Lisle, IL 605324352

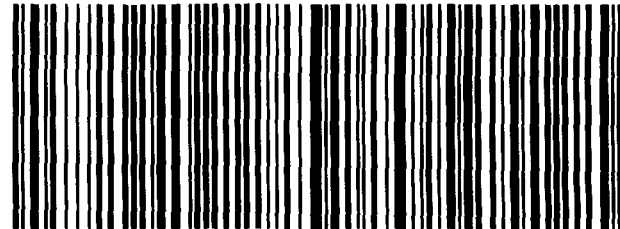


Ship Date: 27APR05
Actual Wgt: 1 LB
System#: 5250401/INET2000
Account#: S *****

REF:



Delivery Address Bar Code

STANDARD OVERNIGHT**THU**TRK# **7929 0788 2045**FORM
0201Deliver By
28APR05**ORD A2****60532 -IL-US****XH ENLA**

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2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

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