

Radiological Survey Sheet

Job Location CAB DECON PIREX GROUTING HGL 1216 Page 1 of 22

Survey Purpose DECON Date 2/25-28/05

Performed by P. KEEFE (Print)  (Sign) 

| | | | | |
|-------------------------------|-----------------------------|-----------------------------|------------------------|--|
| Instrument (Model/S/N) | Packard Tri-Carb S/N 431521 | Packard Tri-Carb S/N 431520 | Ludlum 2241-2 163603 | |
| Det. (Model/SN) | Internal | Internal | Ludlum 43-68 PR 149613 | |
| Type Rad. | β | β | β | |
| Cal. Due: | 10/12/05 | 10/12/05 | 03/07/05 | |
| Check Instruments Used | X | | X | |

| No. | Time | Locations | See attached LSC printout for Total Activity (cpm/100 cm ²) | |
|-----|------|----------------------------|---|--|
| 1. | 0830 | BACKGROUND | | |
| 2. | | Entrance Door - OUT | | |
| 3. | | - INSIDE | | |
| 4. | | Wall - upper | | |
| 5. | | - LOWER | | |
| 6. | | ALCOVE wall - LEFT - UPPER | | |
| 7. | | - LOWER | | |
| 8. | | - REAR - UPPER | | |
| 9. | | - LOWER | | |
| 10. | | OUTSIDE OF HOOD - LEFT | | |
| 11. | | - FRONT - TOP | | |
| 12. | | - MID | | |
| 13. | | - BOTTOM | | |
| 14. | | - GLASS SASH | | |
| 15. | | INSIDE HOOD - LEFT - UPPER | | |
| 16. | | - LOWER | | |
| 17. | | ↓ | - REAR - UPPER | |
| 18. | | 0840 | - LOWER | |

(LAB BELOW) 118L CZ16

| No. | Time | Locations | See attached LSC printout for Total Activity (cpm/100 cm ²) |
|-----|------|------------------------------|---|
| 19 | 0840 | INSIDE HOOD - RIGHT - UPPER | |
| 20 | | - LOWER | |
| 21 | | - BENCHTOP - LEFT | |
| 22 | | - RIGHT | |
| 23 | | CABINET - LEFT - DOORS - OUT | |
| 24 | | - IN | |
| 25 | | - INSIDE - LEFT / RIGHT | |
| 26 | | - REAR / BOTTOM | |
| 27 | | - RIGHT - DOORS - OUT | |
| 28 | | - IN | |
| 29 | | - INSIDE - LEFT / RIGHT | |
| 30 | | - REAR / BOTTOM | |
| 31 | | Wall - UPPER | |
| 32 | | - LOWER | |
| 33 | | Wall CABINET #1 DOORS - OUT | |
| 34 | | - IN | |
| 35 | | - INSIDE - LEFT / RIGHT | |
| 36 | | - REAR / BOTTOM | |
| 37 | | shelf under Wall CABINET #1 | |
| 38 | | AREA UNDER shelf | |
| 39 | | Wall Cabinet #2 DOORS - OUT | |
| 40 | | - IN | |
| 41 | | - INSIDE - LEFT / RIGHT | |
| 42 | | - REAR / BOTTOM | |
| 43 | | shelf under wall CABINET #2 | |
| 44 | | AREA UNDER shelf | |
| 45 | 0900 | ALLOVE - LEFT / RIGHT | |

(LAB DECON) 118C (216)

| No. | Time | Locations | See attached LSC printout for Total Activity (cpm/100 cm ²) |
|-----|------|------------------------------|---|
| 46 | 0905 | ALCOVE - REAR FLOOR | |
| 47 | | METAL RACKS - TOP | |
| 48 | | - Bottom | |
| 49 | | - SUPPORTS | |
| 50 | | BENCHTOP shelf | |
| 51 | | Flow Valves - ORANGE | |
| 52 | | - yellow | |
| 53 | | - GREEN | |
| 54 | | - BROWN | |
| 55 | | - BLUE | |
| 56 | | BENCHTOP - LEFT | |
| 57 | | - Right | |
| 58 | | - BASIN | |
| 59 | | DRAWS - LEFT - TOP | - OUT IN |
| 60 | | - MID / UPPER | ↓ ↓ |
| 61 | | - UPPER LOWER MID | ↓ ↓ |
| 62 | | - Bottom | - OUT IN |
| 63 | | - Right - TOP | - OUT IN |
| 64 | | - UPPER MID | ↓ ↓ |
| 65 | | - LOWER MID | ↓ ↓ |
| 66 | | - Bottom | - OUT IN |
| 67 | | METAL RACK - Top | |
| 68 | | - Bottom | |
| 69 | | - supports | |
| 70 | | Benchtop shelf | |
| 71 | ✓ | Flow Valves - ORANGE | |
| 72 | 0930 | - yellow | |

LAB DELOW NBC. C216.

| No. | Time | Locations | See attached LSC printout for Total Activity (cpm/100 cm ²) |
|-----|------|------------------------------|---|
| 73 | 1000 | Flow Valves - GREEN | |
| 74 | | - BROWN | |
| 75 | | - BLUE | |
| 76 | | BENCHTOP - LEFT | |
| 77 | | - RIGHT | |
| 78 | | - BASIN | |
| 79 | | DRAW above ALCOVE - OUT / IN | |
| 80 | | Alcove - LEFT / RIGHT | |
| 81 | | - REAR / FLOOR | |
| 82 | | DRAWS - TOP | |
| 83 | | - UPPER MID | |
| 84 | | - LOWER MID | |
| 85 | | - Bottom | |
| 86 | | BENCHTOP - LEFT | |
| 87 | | - RIGHT | |
| 88 | | DRAWS - TOP | |
| 89 | | - UPPER MID | |
| 90 | | - LOWER MID | |
| 91 | | - Bottom | |
| 92 | | OUTSIDE DRAW UNIT - LEFT | |
| 93 | | - RIGHT | |
| 94 | | DRAW - OUT | |
| 95 | | - IN | |
| 96 | | CABINET - DOORS - OUT | |
| 97 | | - INSIDE | |
| 98 | | INSIDE - LEFT | |
| 99 | 1020 | - RIGHT | |

Date 2/25/05

CAR DECON NBC (216)

| No. | Time | Locations | See attached LSC printout for Total Activity (cpm/100 cm ²) |
|-----|------|----------------------------|---|
| 100 | 1020 | CABINET - INSIDE - shelves | |
| 101 | | BENCHTOP - LEFT | |
| 102 | | - RIGHT | |
| 103 | | DRAW above ALCOVE - OUT/IN | |
| 104 | | ALCOVE - LEFT/RIGHT | |
| 105 | | - REAR/BOTTOM | |
| 106 | | DRAWS - TOP | |
| 107 | | - UPPER MID | |
| 108 | | - LOWER MID | |
| 109 | | - BOTTOM | |
| 110 | | BENCHTOP - LEFT | |
| 111 | | - RIGHT | |
| 112 | | DRAW above ALCOVE - OUT/IN | |
| 113 | | ALCOVE - LEFT/RIGHT | |
| 114 | | - REAR/BOTTOM | |
| 115 | | DRAWS - TOP | |
| 116 | | - UPPER MID | |
| 117 | | - LOWER MID | |
| 118 | | - BOTTOM | |
| 119 | | DESK shelves | |
| 120 | | DESKTOP | |
| 121 | | DESK DRAWS - TOP - OUT/IN | |
| 122 | | - MID - + ↓ | |
| 123 | | - BOTTOM - OUT/IN | |
| 124 | | DRAW above ALCOVE - OUT/IN | |
| 125 | | ALCOVE - LEFT/RIGHT | |
| 126 | 1040 | - REAR/BOTTOM | |

Date 2/25/05

LAB DECON 118C CZ16

| No. | Time | Locations | See attached LSC printout for Total Activity (cpm/100 cm ²) |
|-----|------|--------------------------------|---|
| 127 | 1045 | Wall CABINET #3 - DOORS - OUT/ | |
| 128 | | - INSIDE | |
| 129 | | - INSIDE - LEFT / RIGHT | |
| 130 | | - REAR / BOTTOM | |
| 131 | | - shelves | |
| 132 | | shelf under CABINET | |
| 133 | | AREA UNDER shelf | |
| 134 | | Wall CABINET #4 - DOORS - OUT | |
| 135 | | - IN | |
| 136 | | - INSIDE - LEFT / RIGHT | |
| 137 | | - REAR / BOTTOM | |
| 138 | | - shelves | |
| 139 | | shelf UNDER CABINET | |
| 140 | | AREA UNDER shelf | |
| 141 | | Wall CABINET #5 - DOORS - OUT | |
| 142 | | - IN | |
| 143 | | - INSIDE - LEFT / RIGHT | |
| 144 | | - REAR / BOTTOM | |
| 145 | | - shelves | |
| 146 | | shelf under CABINET | |
| 147 | | AREA under shelf | |
| 148 | | Desk shelves - | |
| 149 | | Desk Top | |
| 150 | | DRAW above Alcove - OUT / IN | |
| 151 | | Alcove - LEFT / RIGHT | |
| 152 | | - REAR / BOTTOM | |
| 153 | 1115 | DRAWs - TOP - OUT / IN | |

LAB DECON 118L C216

| No. | Time | Locations | See attached LSC printout for Total Activity (cpm/100 cm ²) |
|-----|------|----------------------------|---|
| 154 | 1116 | DRAWN - MID - OUT/IN | |
| 155 | | - Bottom - OUT/IN | |
| 156 | | METAL shelves - Top | |
| 157 | | - Bottom | |
| 158 | | - supports | |
| 159 | | BENCHTOP shelf | |
| 160 | | Flow Valves - ORANGE | |
| 161 | | - Yellow | |
| 162 | | - GREEN | |
| 163 | | - BROWN | |
| 164 | | - BLUE | |
| 165 | | BENCHTOP SWIPE - LEFT | |
| 166 | | - RIGHT | |
| 167 | | - BASIN | |
| 168 | | DRAWN - TOP - OUT/IN | |
| 169 | | - UPPER MID ↓ ↓ | |
| 170 | | - LOWER MID ↓ ↓ | |
| 171 | | - Bottom - OUT/IN | |
| 172 | | DRAW ABOVE ALCOVE - OUT/IN | |
| 173 | | ALCOVE - LEFT RIGHT | |
| 174 | | - REAR Bottom | |
| 175 | | METAL shelves - TOP | |
| 176 | | - Bottom | |
| 177 | | - supports | |
| 178 | | BENCHTOP shelf | |
| 179 | ↓ | Flow Valves - ORANGE | |
| 180 | 1145 | - Yellow | |

CAB DECON 118C CZ16

| No. | Time | Locations | See attached LSC printout for Total Activity (cpm/100 cm ²) |
|-----|------|------------------------------|---|
| 181 | 1200 | Flow Valves - GREEN | |
| 182 | | - BROWN | |
| 183 | | - BLUE | |
| 184 | | BENCHTOP - LEFT | |
| 185 | | - RIGHT | |
| 186 | | - BASIN | |
| 187 | | DRAWS - TOP - OUT IN | |
| 188 | | - UPPER MID ↓ ↓ | |
| 189 | | - LOWER MID ↓ ↓ | |
| 190 | | - BOTTOM - OUT IN | |
| 191 | | DRAW ABOVE ALCOVE - OUT IN | |
| 192 | | ALCOVE - LEFT RIGHT | |
| 193 | | - REAR BOTTOM | |
| 194 | | METAL RACK - TOP | |
| 195 | | - BOTTOM | |
| 196 | | - SUPPORTS | |
| 197 | | BENCHTOP - LEFT | |
| 198 | | - RIGHT | |
| 199 | | DRAWS - TOP - OUT IN | |
| 200 | | - UPPER MID OUT IN | |
| 201 | | - LOWER MID OUT IN | |
| 202 | | - BOTTOM OUT IN | |
| 203 | | OUTSIDE DRAW UNIT - LEFT | |
| 204 | | - RIGHT | |
| 205 | | DRAW - OUT | |
| 206 | | - IN | |
| 207 | 1215 | CABINET - DOORS - OUT | |

LAB DECON 118L C216

| No. | Time | Locations | See attached LSC printout for Total Activity (cpm/100 cm ²) |
|-----|------|--------------------------------------|---|
| 208 | 1330 | CABINET - INSIDE - LEFT / RIGHT | |
| 209 | | - REAR / BOTTOM | |
| 210 | | - shelf | |
| 211 | | BENCHTOP - LEFT | |
| 212 | | - RIGHT | |
| 213 | | DRAW ABOVE ALCOVE - OUT / IN | |
| 214 | | ALCOVE - OUT LEFT / RIGHT | |
| 215 | | REAR / FLOOR | |
| 216 | | DRAW - TOP - OUT / IN | |
| 217 | | - UPPER MID ↓ ↓ | |
| 218 | | - LOWER MID ↓ ↓ | |
| 219 | | - BOTTOM - OUT / IN | |
| 220 | | BENCHTOP - LEFT | |
| 221 | | - RIGHT | |
| 222 | | DRAW ABOVE ALCOVE - OUT / IN | |
| 223 | | ALCOVE - LEFT / RIGHT | |
| 224 | | - REAR / BOTTOM | |
| 225 | | DRAW - TOP - OUT / IN | |
| 226 | | - UPPER MID ↓ ↓ | |
| 227 | | - LOWER MID ↓ ↓ | |
| 228 | | - BOTTOM - OUT / IN | |
| 229 | | Desk shelves | |
| 230 | | Desk top | |
| 231 | | Keyboard HOLDER | |
| 232 | | DRAW - TOP | |
| 233 | | - MID | |
| 234 | 1345 | - BOTTOM | |

Date 2/25/05

LAB DECON 1181 (216)

| No. | Time | Locations | See attached LSC printout for Total Activity (cpm/100 cm ²) |
|-----|------|---|---|
| 236 | 1350 | Accove UNDER keyboard Holder - LEFT Right | |
| 237 | | - REAR Bottom | |
| 238 | | Wall cabinet #6 - Doors - OUT IN | |
| 239 | | - IN | |
| 240 | | - INSIDE - LEFT Right | |
| 241 | | - REAR Bottom | |
| 242 | | Shelf under cabinet | |
| 243 | | Area under shelf | |
| 244 | | Wall - UPPER | |
| 245 | | - LOWER | |
| 246 | | Wall - UPPER | |
| 247 | | - LOWER | |
| 248 | | Office shelves | |
| 249 | | Office Desk - LEFT | |
| 250 | | - Right | |
| 251 | | Roller | |
| 252 | | Surge suppression | |
| 253 | | Mouse pad | |
| 254 | | Desk Drawers - LEFT - OUT IN | |
| 255 | | - Right - OUT IN | |
| 256 | | sm wall - UPPER | |
| 257 | | - LOWER | |
| 258 | | Glass Doors - OUT | |
| 259 | | - IN | |
| 260 | | Shelves | |
| 261 | ✓ | Desktop | |
| 262 | 1359 | Drawers | |

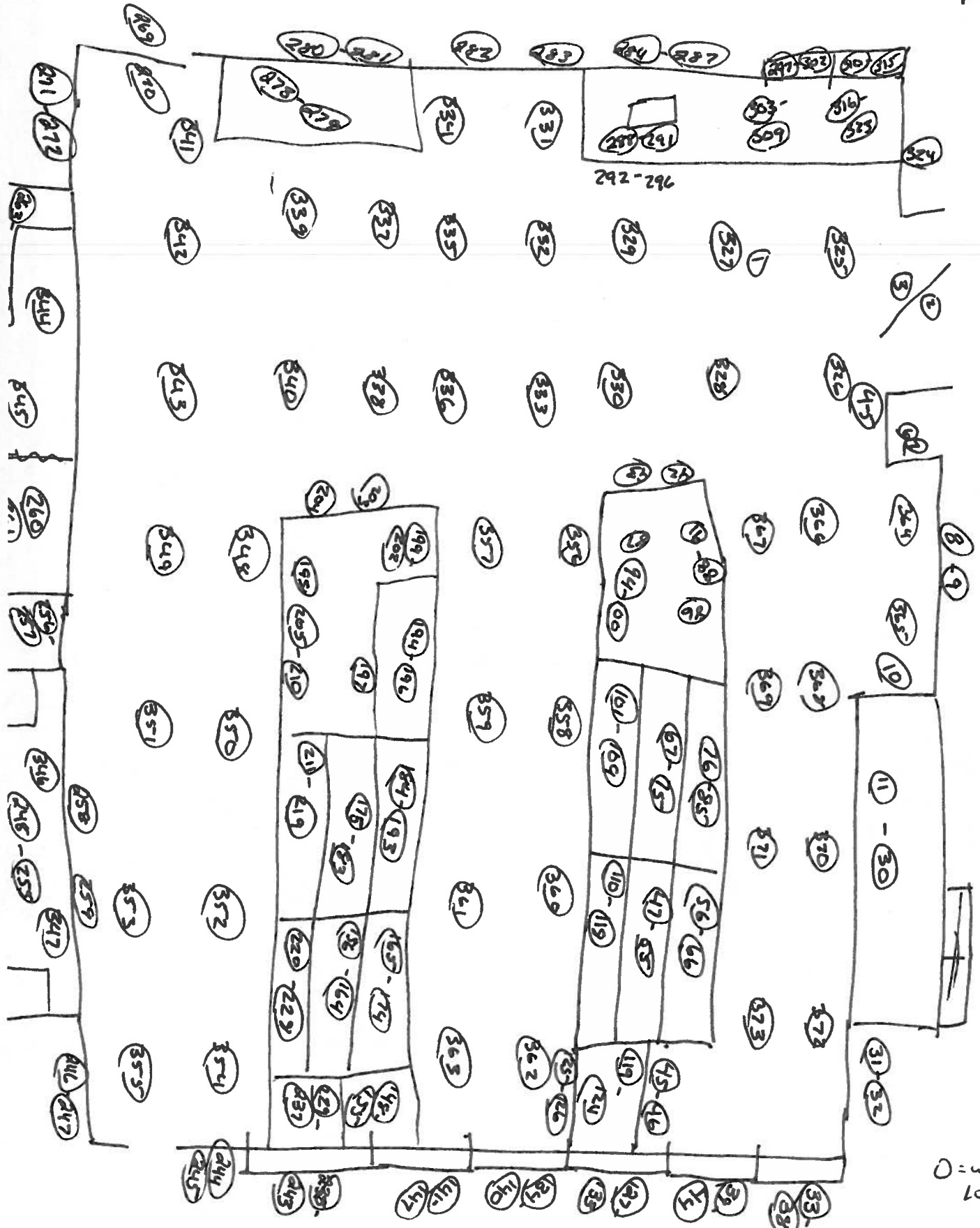
LAB BELOW U8L (216)

| No. | Time | Locations | See attached LSC printout for Total Activity (cpm/100 cm ²) |
|----------------|------|-----------------------|---|
| 263 | 0830 | Desktop | |
| 264 | | Drawers | |
| 265 | | CABINETS | |
| 266 | | Shelves | |
| 267 | | Glass Doors - OUT | |
| 268 | | - IN | |
| 269 | | LAB DOOR - OUT | |
| 270 | | - IN | |
| 271 | | Wall - UPPER | |
| 272 | | - LOWER | |
| 273 | | Countertop - LEFT | |
| 274 | | - RIGHT | |
| 275 | | Shelf 1 | |
| 276 | | INSIDE LEFT / RIGHT | |
| 277 | | REAR / BOTTOM | |
| 278 | | OUTSIDE UNIT - LEFT | |
| 279 | | - RIGHT | |
| 280 | | Wall - UPPER | |
| 281 | | - LOWER | |
| 282 | | Wall - UPPER | |
| 283 | | - LOWER | |
| 284 | | Shelves | |
| 285 | | Glass Rack | |
| 286 | | Faucet | |
| 287 | | Eyewash | |
| 288 | ↓ | BENCHTOP AROUND BASIN | |
| 289 | 0900 | BASIN - LEFT / RIGHT | |

Date 2/28/05

LAB DECON 118C (216)

| No. | Time | Locations | See attached LSC printout for Total Activity (cpm/100 cm ²) |
|-----|------|-----------------------------------|---|
| 290 | 0900 | BASIN - REAR BOTTOM | |
| 291 | | - DRINK | |
| 292 | | OUTSIDE CABINET - LEFT | |
| 293 | | - DOORS - OUT | |
| 294 | | - IN | |
| 295 | | - INSIDE - LEFT RIGHT | |
| 296 | | - REAR BOTTOM | |
| 297 | | PAPER TOWEL DISPENSER | |
| 298 | | OVERHEAD CABINET #7 - DOORS - OUT | |
| 299 | | - IN | |
| 300 | | + OUTSIDE - LEFT BOTTOM | |
| 301 | | inside shelves | |
| 302 | | AREA UNDER CABINET | |
| 303 | | FAUCET | |
| 304 | | BENCHTOP | |
| 305 | | sm. BASIN | |
| 306 | | DRAWS - TOP | |
| 307 | | - UPPER MID | |
| 308 | | - LOWER MID | |
| 309 | | - BOTTOM | |
| 310 | | OVERHEAD CABINET #8 - DOORS - OUT | |
| 311 | | - IN | |
| 312 | | - INSIDE - LEFT RIGHT | |
| 313 | | - BOTTOM REAR | |
| 314 | | - OUTSIDE - BOTTOM | |
| 315 | ✓ | AREA UNDER CABINET | |
| 316 | 0930 | BENCHTOP | |



O = w.p. LOCATION

All surfaces surveyed with column 22-41 and found to be within limits. *Palke*

Protocol# 9 - Room Decon.lsa

User: Pete Keefe

Lab Decon 118 C C216

Assay Definition-

Assay Description:

Assay Type: CPM

Report Name: Report1

Output Data Path: C:\Packard\Tricarb\Results\Pete Keefe\Room Decon

Raw Results Path: C:\Packard\Tricarb\Results\Pete Keefe\Room Decon\20050228_0932.results

Assay File Name: C:\Packard\TriCarb\Assays\Room Decon.lsa

Count Conditions-

Nuclide: Triple

Quench Indicator: tSIE/AEC

External Std Terminator (sec): 0.5 2s%

Pre-Count Delay (min): 0.00

Quench Set: n/a

Count Time (min): 1.00

Count Mode: Normal

Assay Count Cycles: 1

Repeat Sample Count: 1

#Vials/Sample: 1

Calculate % Reference: Off

Background Subtract: Off

Low CPM Threshold: Off

2 Sigma % Terminator: Off

| Regions | LL | UL |
|---------|------|--------|
| A | 0.0 | 18.6 |
| B | 18.6 | 156.0 |
| C | 0.0 | 2000.0 |

Count Corrections-

Static Controller: On

Luminescence Correction: On

Colored Samples: n/a

Heterogeneity Monitor: n/a

Coincidence Time (nsec): 18

Delay Before Burst (nsec): 75

Half Life-

Half Life Correction: Off

| Regions | Half Life | Units | Reference Date | Reference Time |
|---------|-----------|-------|----------------|----------------|
| A | | | | |
| B | | | | |
| C | | | | |

Cycle 1 Results

| S# | CPMA | CPMB | CPMC | MESSAGES |
|----|------|------|------|----------|
| 1 | 13 | 7 | 24 | |
| 2 | 6 | 7 | 21 | |
| 3 | 13 | 4 | 23 | |
| 4 | 16 | 10 | 29 | |
| 5 | 14 | 10 | 33 | |
| 6 | 16 | 7 | 27 | |
| 7 | 6 | 11 | 20 | |
| 8 | 14 | 5 | 22 | |
| 9 | 14 | 6 | 27 | |
| 10 | 10 | 10 | 33 | |
| 11 | 9 | 7 | 25 | |
| 12 | 15 | 4 | 26 | |
| 13 | 7 | 5 | 18 | |

Protocol# 9 - Room Decon.lsa

User: Pete Keefe

Lab Decon 118 C C216

| | | | |
|----|----|----|----|
| 14 | 16 | 9 | 33 |
| 15 | 16 | 4 | 29 |
| 16 | 15 | 6 | 25 |
| 17 | 23 | 6 | 34 |
| 18 | 26 | 8 | 40 |
| 19 | 12 | 7 | 26 |
| 20 | 7 | 10 | 18 |
| 21 | 12 | 7 | 22 |
| 22 | 9 | 7 | 19 |
| 23 | 15 | 5 | 29 |
| 24 | 23 | 11 | 46 |
| 25 | 9 | 8 | 23 |
| 26 | 17 | 11 | 32 |
| 27 | 16 | 7 | 30 |
| 28 | 14 | 4 | 20 |
| 29 | 15 | 7 | 28 |
| 30 | 16 | 10 | 33 |
| 31 | 19 | 8 | 33 |
| 32 | 11 | 13 | 32 |
| 33 | 14 | 4 | 29 |
| 34 | 4 | 4 | 17 |
| 35 | 19 | 6 | 30 |
| 36 | 16 | 9 | 30 |
| 37 | 18 | 12 | 35 |
| 38 | 16 | 4 | 25 |
| 39 | 18 | 7 | 39 |
| 40 | 20 | 8 | 32 |
| 41 | 14 | 8 | 32 |
| 42 | 15 | 4 | 23 |
| 43 | 8 | 9 | 27 |
| 44 | 13 | 8 | 25 |
| 45 | 12 | 4 | 26 |
| 46 | 17 | 7 | 32 |
| 47 | 13 | 5 | 28 |
| 48 | 8 | 9 | 26 |
| 49 | 7 | 7 | 19 |
| 50 | 6 | 10 | 22 |
| 51 | 14 | 8 | 28 |
| 52 | 12 | 6 | 28 |
| 53 | 18 | 12 | 37 |
| 54 | 14 | 6 | 23 |
| 55 | 21 | 1 | 32 |
| 56 | 17 | 7 | 34 |
| 57 | 16 | 6 | 29 |
| 58 | 11 | 12 | 36 |
| 59 | 8 | 7 | 25 |
| 60 | 23 | 7 | 38 |
| 61 | 6 | 8 | 21 |
| 62 | 8 | 5 | 15 |
| 63 | 12 | 11 | 26 |
| 64 | 18 | 13 | 38 |
| 65 | 3 | 10 | 18 |
| 66 | 14 | 8 | 24 |
| 67 | 13 | 7 | 29 |
| 68 | 13 | 6 | 31 |
| 69 | 0 | 9 | 17 |
| 70 | 1 | 6 | 14 |
| 71 | 1 | 9 | 17 |
| 72 | 15 | 6 | 29 |
| 73 | 10 | 4 | 24 |
| 74 | 11 | 4 | 24 |
| 75 | 17 | 10 | 30 |
| 76 | 7 | 6 | 24 |

Protocol# 9 - Room Decon.lsa

User: Pete Keefe

Lab Decon 118 C C216

| | | | |
|-----|----|----|----|
| 77 | 4 | 4 | 13 |
| 78 | 14 | 6 | 30 |
| 79 | 18 | 9 | 33 |
| 80 | 14 | 5 | 23 |
| 81 | 14 | 11 | 33 |
| 82 | 6 | 3 | 16 |
| 83 | 19 | 7 | 33 |
| 84 | 3 | 9 | 16 |
| 85 | 7 | 6 | 17 |
| 86 | 20 | 4 | 30 |
| 87 | 23 | 5 | 37 |
| 88 | 17 | 7 | 30 |
| 89 | 13 | 11 | 30 |
| 90 | 6 | 8 | 23 |
| 91 | 8 | 3 | 19 |
| 92 | 13 | 8 | 32 |
| 93 | 13 | 6 | 25 |
| 94 | 18 | 6 | 32 |
| 95 | 8 | 2 | 17 |
| 96 | 20 | 7 | 31 |
| 97 | 7 | 5 | 20 |
| 98 | 11 | 7 | 24 |
| 99 | 8 | 5 | 23 |
| 100 | 0 | 11 | 13 |
| 101 | 13 | 5 | 24 |
| 102 | 13 | 11 | 29 |
| 103 | 9 | 10 | 25 |
| 104 | 9 | 8 | 22 |
| 105 | 19 | 9 | 36 |
| 106 | 6 | 8 | 20 |
| 107 | 2 | 3 | 8 |
| 108 | 7 | 8 | 23 |
| 109 | 12 | 7 | 24 |
| 110 | 12 | 8 | 33 |
| 111 | 20 | 7 | 28 |
| 112 | 4 | 8 | 16 |
| 113 | 10 | 10 | 28 |
| 114 | 3 | 7 | 15 |
| 115 | 7 | 7 | 27 |
| 116 | 10 | 4 | 26 |
| 117 | 16 | 7 | 27 |
| 118 | 18 | 7 | 32 |
| 119 | 18 | 10 | 39 |
| 120 | 16 | 10 | 34 |
| 121 | 21 | 8 | 37 |
| 122 | 4 | 9 | 21 |
| 123 | 14 | 7 | 29 |
| 124 | 10 | 5 | 26 |
| 125 | 11 | 8 | 24 |
| 126 | 5 | 9 | 24 |
| 127 | 16 | 7 | 28 |
| 128 | 22 | 5 | 33 |
| 129 | 3 | 4 | 10 |
| 130 | 7 | 3 | 19 |
| 131 | 12 | 8 | 24 |
| 132 | 8 | 13 | 26 |
| 133 | 16 | 6 | 27 |
| 134 | 11 | 6 | 23 |
| 135 | 19 | 5 | 30 |
| 136 | 9 | 4 | 19 |
| 137 | 10 | 9 | 23 |
| 138 | 2 | 12 | 20 |
| 139 | 7 | 3 | 19 |

Protocol# 9 - Room Decon.lsa

Lab Decon 118 C C216

User: Pete Keefe

| | | | |
|-----|----|----|----|
| 140 | 8 | 4 | 17 |
| 141 | 10 | 2 | 20 |
| 142 | 16 | 7 | 26 |
| 143 | 2 | 6 | 21 |
| 144 | 10 | 7 | 27 |
| 145 | 17 | 8 | 34 |
| 146 | 16 | 5 | 25 |
| 147 | 9 | 9 | 23 |
| 148 | 20 | 5 | 33 |
| 149 | 19 | 6 | 31 |
| 150 | 9 | 8 | 26 |
| 151 | 20 | 6 | 36 |
| 152 | 10 | 8 | 24 |
| 153 | 10 | 9 | 23 |
| 154 | 12 | 4 | 22 |
| 155 | 13 | 11 | 39 |
| 156 | 8 | 8 | 26 |
| 157 | 16 | 9 | 31 |
| 158 | 10 | 8 | 26 |
| 159 | 17 | 4 | 26 |
| 160 | 14 | 8 | 26 |
| 161 | 31 | 9 | 51 |
| 162 | 12 | 9 | 26 |
| 163 | 21 | 7 | 39 |
| 164 | 8 | 4 | 28 |
| 165 | 15 | 9 | 32 |
| 166 | 15 | 11 | 30 |
| 167 | 0 | 7 | 11 |
| 168 | 4 | 7 | 17 |
| 169 | 2 | 7 | 12 |
| 170 | 13 | 10 | 31 |
| 171 | 10 | 7 | 24 |
| 172 | 10 | 7 | 25 |
| 173 | 2 | 7 | 17 |
| 174 | 13 | 6 | 22 |
| 175 | 9 | 6 | 20 |
| 176 | 7 | 8 | 20 |
| 177 | 8 | 8 | 26 |
| 178 | 11 | 5 | 19 |
| 179 | 7 | 4 | 15 |
| 180 | 22 | 14 | 40 |
| 181 | 4 | 7 | 17 |
| 182 | 7 | 11 | 23 |
| 183 | 10 | 7 | 23 |
| 184 | 13 | 3 | 22 |
| 185 | 27 | 10 | 43 |
| 186 | 13 | 13 | 34 |
| 187 | 13 | 8 | 27 |
| 188 | 17 | 9 | 31 |
| 189 | 15 | 7 | 24 |
| 190 | 13 | 7 | 25 |
| 191 | 15 | 8 | 26 |
| 192 | 2 | 9 | 18 |
| 193 | 13 | 8 | 29 |
| 194 | 25 | 7 | 38 |
| 195 | 9 | 7 | 23 |
| 196 | 15 | 7 | 25 |
| 197 | 11 | 5 | 18 |
| 198 | 11 | 8 | 28 |
| 199 | 12 | 9 | 29 |
| 200 | 13 | 9 | 26 |
| 201 | 13 | 4 | 24 |
| 202 | 18 | 7 | 29 |

Protocol# 9 - Room Decon.lsa

Lab Decon 118 C C216

User: Pete Keefe

| | | | |
|-----|----|----|----|
| 203 | 11 | 8 | 27 |
| 204 | 7 | 7 | 28 |
| 205 | 0 | 9 | 15 |
| 206 | 0 | 8 | 9 |
| 207 | 16 | 6 | 24 |
| 208 | 8 | 8 | 26 |
| 209 | 10 | 7 | 27 |
| 210 | 10 | 10 | 30 |
| 211 | 13 | 6 | 25 |
| 212 | 13 | 6 | 27 |
| 213 | 7 | 6 | 23 |
| 214 | 25 | 7 | 41 |
| 215 | 18 | 9 | 36 |
| 216 | 13 | 8 | 28 |
| 217 | 2 | 6 | 13 |
| 218 | 12 | 8 | 26 |
| 219 | 7 | 9 | 24 |
| 220 | 7 | 13 | 26 |
| 221 | 4 | 11 | 16 |
| 222 | 13 | 5 | 23 |
| 223 | 17 | 14 | 39 |
| 224 | 4 | 3 | 12 |
| 225 | 38 | 7 | 54 |
| 226 | 9 | 9 | 26 |
| 227 | 22 | 8 | 37 |
| 228 | 8 | 8 | 22 |
| 229 | 20 | 5 | 29 |
| 230 | 7 | 10 | 26 |
| 231 | 12 | 5 | 24 |
| 232 | 15 | 7 | 26 |
| 233 | 19 | 5 | 31 |
| 234 | 14 | 10 | 34 |
| 235 | 15 | 11 | 34 |
| 236 | 7 | 8 | 23 |
| 237 | 2 | 6 | 16 |
| 238 | 14 | 7 | 27 |
| 239 | 9 | 5 | 20 |
| 240 | 5 | 9 | 19 |
| 241 | 12 | 8 | 22 |
| 242 | 12 | 6 | 26 |
| 243 | 16 | 8 | 32 |
| 244 | 9 | 10 | 26 |
| 245 | 8 | 11 | 28 |
| 246 | 9 | 7 | 23 |
| 247 | 16 | 9 | 34 |
| 248 | 8 | 3 | 20 |
| 249 | 13 | 6 | 28 |
| 250 | 11 | 8 | 27 |
| 251 | 7 | 10 | 26 |
| 252 | 14 | 7 | 27 |
| 253 | 20 | 5 | 31 |
| 254 | 14 | 5 | 21 |
| 255 | 9 | 3 | 24 |
| 256 | 19 | 9 | 34 |
| 257 | 7 | 5 | 19 |
| 258 | 17 | 7 | 29 |
| 259 | 9 | 6 | 21 |
| 260 | 18 | 10 | 34 |
| 261 | 21 | 13 | 43 |
| 262 | 4 | 7 | 17 |
| 263 | 18 | 11 | 36 |
| 264 | 8 | 5 | 17 |
| 265 | 3 | 6 | 19 |

Protocol# 9 - Room Decon.lsa

User: Pete Keefe

Lab Decon 118 C C216

| | | | |
|-----|----|----|----|
| 266 | 7 | 15 | 26 |
| 267 | 15 | 7 | 33 |
| 268 | 10 | 13 | 29 |
| 269 | 19 | 5 | 32 |
| 270 | 9 | 9 | 22 |
| 271 | 11 | 10 | 30 |
| 272 | 8 | 7 | 22 |
| 273 | 14 | 4 | 26 |
| 274 | 8 | 11 | 23 |
| 275 | 14 | 8 | 28 |
| 276 | 12 | 8 | 29 |
| 277 | 19 | 8 | 32 |
| 278 | 33 | 8 | 45 |
| 279 | 10 | 12 | 30 |
| 280 | 13 | 4 | 25 |
| 281 | 20 | 4 | 28 |
| 282 | 6 | 9 | 23 |
| 283 | 0 | 16 | 18 |
| 284 | 4 | 13 | 18 |
| 285 | 21 | 6 | 35 |
| 286 | 12 | 9 | 24 |
| 287 | 16 | 10 | 35 |
| 288 | 2 | 7 | 13 |
| 289 | 15 | 7 | 30 |
| 290 | 8 | 7 | 22 |
| 291 | 19 | 11 | 37 |
| 292 | 1 | 8 | 17 |
| 293 | 15 | 7 | 31 |
| 294 | 20 | 6 | 38 |
| 295 | 15 | 5 | 26 |
| 296 | 8 | 7 | 24 |
| 297 | 11 | 6 | 26 |
| 298 | 12 | 5 | 25 |
| 299 | 17 | 5 | 31 |
| 300 | 18 | 5 | 27 |
| 301 | 12 | 12 | 29 |
| 302 | 29 | 7 | 45 |
| 303 | 14 | 7 | 28 |
| 304 | 1 | 9 | 12 |
| 305 | 0 | 10 | 10 |
| 306 | 15 | 5 | 24 |
| 307 | 32 | 8 | 44 |
| 308 | 13 | 9 | 30 |
| 309 | 20 | 5 | 29 |
| 310 | 23 | 14 | 45 |
| 311 | 6 | 5 | 26 |
| 312 | 12 | 13 | 27 |
| 313 | 18 | 8 | 29 |
| 314 | 9 | 21 | 44 |
| 315 | 6 | 10 | 23 |
| 316 | 12 | 7 | 25 |
| 317 | 0 | 8 | 15 |
| 318 | 14 | 8 | 28 |
| 319 | 10 | 9 | 24 |
| 320 | 9 | 3 | 22 |
| 321 | 24 | 7 | 38 |
| 322 | 26 | 9 | 46 |
| 323 | 3 | 9 | 25 |
| 324 | 13 | 9 | 34 |
| 325 | 18 | 7 | 31 |
| 326 | 5 | 6 | 13 |
| 327 | 5 | 9 | 18 |
| 328 | 11 | 12 | 31 |

Protocol# 9 - Room Decon.lsa

User: Pete Keefe

Lab Decon 118 C C216

| | | | |
|-----|----|----|----|
| 329 | 0 | 7 | 13 |
| 330 | 1 | 7 | 18 |
| 331 | 0 | 3 | 12 |
| 332 | 9 | 4 | 23 |
| 333 | 0 | 9 | 12 |
| 334 | 9 | 10 | 25 |
| 335 | 9 | 9 | 26 |
| 336 | 11 | 6 | 21 |
| 337 | 0 | 4 | 9 |
| 338 | 13 | 4 | 24 |
| 339 | 13 | 8 | 31 |
| 340 | 7 | 8 | 28 |
| 341 | 4 | 9 | 16 |
| 342 | 17 | 8 | 29 |
| 343 | 24 | 17 | 48 |
| 344 | 17 | 3 | 27 |
| 345 | 12 | 5 | 22 |
| 346 | 12 | 9 | 30 |
| 347 | 6 | 9 | 23 |
| 348 | 8 | 11 | 23 |
| 349 | 10 | 6 | 23 |
| 350 | 8 | 7 | 21 |
| 351 | 6 | 12 | 27 |
| 352 | 21 | 6 | 37 |
| 353 | 18 | 9 | 36 |
| 354 | 11 | 12 | 36 |
| 355 | 1 | 10 | 21 |
| 356 | 19 | 12 | 38 |
| 357 | 10 | 9 | 25 |
| 358 | 12 | 10 | 25 |
| 359 | 6 | 4 | 14 |
| 360 | 7 | 6 | 19 |
| 361 | 13 | 6 | 24 |
| 362 | 6 | 7 | 20 |
| 363 | 14 | 13 | 38 |
| 364 | 14 | 3 | 26 |
| 365 | 0 | 9 | 16 |
| 366 | 4 | 10 | 27 |
| 367 | 9 | 10 | 24 |
| 368 | 10 | 8 | 25 |
| 369 | 0 | 6 | 8 |
| 370 | 14 | 8 | 31 |
| 371 | 7 | 8 | 32 |
| 372 | 11 | 11 | 27 |
| 373 | 4 | 15 | 31 |

Assay Definition-

Assay Description:

Assay Type: CPM

Report Name: Report1

Output Data Path: C:\Packard\Tricarb\Results\Pete Keefe\Room Decon

Raw Results Path: C:\Packard\Tricarb\Results\Pete Keefe\Room Decon\20050301_0817.results

Assay File Name: C:\Packard\TriCarb\Assays\Room Decon.lsa

Count Conditions-

Nuclide: Triple

Quench Indicator: tSIE/AEC

External Std Terminator (sec): 0.5 2s%

Pre-Count Delay (min): 0.00

Quench Set: n/a

Count Time (min): 1.00

Count Mode: Normal

Assay Count Cycles: 1

Repeat Sample Count: 1

#Vials/Sample: 1

Calculate % Reference: Off

Background Subtract: Off

Low CPM Threshold: Off

2 Sigma % Terminator: Off

| Regions | LL | UL |
|---------|------|--------|
| A | 0.0 | 18.6 |
| B | 18.6 | 156.0 |
| C | 0.0 | 2000.0 |

Count Corrections-

Static Controller: On

Luminescence Correction: On

Colored Samples: n/a

Heterogeneity Monitor: n/a

Coincidence Time (nsec): 18

Delay Before Burst (nsec): 75

Half Life-

Half Life Correction: Off

| Regions | Half Life | Units | Reference Date | Reference Time |
|---------|-----------|-------|----------------|----------------|
| A | | | | |
| B | | | | |
| C | | | | |

Cycle 1 Results

| S# | CPMA | CPMB | CPMC | MESSAGES |
|----|------|------|------|-----------------------|
| 1 | 13 | 7 | 24 | BACKGROUND |
| 2 | 6 | 8 | 27 | # 161 |
| 3 | 13 | 7 | 24 | # 225 |