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# ChemRisk/Shonka Research Associates, Inc., Document Request Form

#6

(This section to be completed by subcontractor requesting document)

T. Bennett / 1034A Document Center

Requestor — Document Center (is requested to provide the following document)

Date of request 7/17/95 Expected receipt of document 8/11/95

Document number none Date of document

Title and author (if document is unnumbered)
Airborne Contamination Production Division 1952

(This section to be completed by Document Center)

Date request received 7/18/95

Date submitted to ADC 7/19/95

Date submitted to HSA Coordinator 7/18/95

(This section to be completed by HSA Coordinator)

Date submitted to CICO 7/19/95 7/31/95

Date received from CICO 7/31/95

Date submitted to ChemRisk/Shonka and DOE 8/7/95

(This section to be completed by ChemRisk/Shonka Research Associates, Inc.)

Date document received

Signature

AIRBORNE CONTAMINATION
Production Div. - 1952

This document has been approved for release to the public by:

J Preston for A S Quist 8/2/95
Technical Information Officer Date
Oak Ridge K-25 Site

Union Carbide Nuclear Company, Oak Ridge Gaseous Diffusion Plant, Operating Contractor for the U.S. Atomic Energy Commission.

# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING 306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Cont. Hyper Vac SURVEYOR _____ SUPERVISOR Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Date | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft$^3$) |
|---|---|---|---|---|---|---|
| 2100 | 12-31-52 | | 480 | 4 | | 0.019 |
| 2101 | 12-31-52 | | ↓ | ↓ | | 0.023 |
| 2102 | 12-31-52 | | ↓ | ↓ | | 0.012 |

Approved L H Friebe
Operating Supervisor

Date 1-8-53

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WCX-1318 (Dec'48)

# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-306-7 ROOM OR SECTION PW ~~[illegible]~~ WEEK ENDING _____

INSTRUMENT TYPE Cont. Hyper Var SURVEYOR _____ SUPERVISOR Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Dec Date 1952 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 2076 | 23 | | 480 | 4 | | 0.001 |
| 77 | 23 | | | | | 0.004 |
| 78 | 23 | | | | | 0.002 |
| 79 | 24 | | | | ← Release of waste material from B-4 | 4.03 |
| 80 | 24 | | | | pump room occurred after this | 0.016 |
| 81 | 24 | | | | sample had been on 90 min. | 0.008 |
| 82 | 25 | | | | | 0.007 |
| 83 | 25 | | | | | 0.010 |
| 84 | 25 | | | | | 0.003 |
| 85 | 26 | | | | | 0.006 |
| 86 | 26 | | | | | 0.650 |
| 87 | 26 | | | | | 0.070 |
| 88 | 27 | | | | | 0.003 |
| 89 | 27 | | | | | 0.012 |
| 90 | 27 | | | | | 0.007 |
| 91 | 28 | | | | | 0.003 |
| 92 | 28 | | | | | 0.005 |
| 93 | 28 | | | | | 0.005 |
| 94 | 29 | | | | ← Release occurred as above - 40 min | 4.30 |
| 95 | 29 | | | | before sample was taken off | 0.018 |
| 96 | 29 | | | | | 0.115 |
| 97 | 30 | | | | ← Released occurred as above - 30 min | 25.07 |
| 98 | 30 | | | | after sample was put on | 0.149 |
| 99 | 30 | | | | | 0.033 |
| Special 1 | 29 | | 5 | 8 | SS Portal following release | 1.93 |
| 2 | 29 | | | | Field Lab " " | 0.33 |
| 3 | 29 | | | | " " " " | 0.125 |
| 1 | 30 | | | | SS Portal " " | 0.40 |
| 2 | 30 | | | | " " " | 0.20 |
| 3 | 30 | | | | Inside Portal door " " | 0.40 |
| 4 | 30 | | | | further inside " " | 0.30 |
| 5 | 30 | | | | SS Portal " " | 0.20 |
| 6 | 30 | | | | Hall between F.L. and PW | 0.58 |
| | | | | | | |

34.856

Approved L.H. Frisbie
Operating Supervisor

Date 1-5-53

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WCX-1318 (Dec'48)

# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Cont. Hyper Vac SURVEYOR _____ SUPERVISOR Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | 1952 Date DEC. | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft$^3$) |
|---|---|---|---|---|---|---|
| 2043 | 12 | | 480 | 4 | | 0.004 |
| 44 | 12 | | | | | 0.003 |
| 45 | 12 | | | | | 0.002 |
| 46 | 13 | | | | | 0.004 |
| 47 | 13 | | | | | 0.004 |
| 48 | 13 | | | | | 0.004 |
| 49 | 14 | | | | | 0.003 |
| 50 | 14 | | | | | 0.003 |
| 51 | 14 | | | | | 0.007 |
| 52 | 15 | | | | | 0.001 |
| 53 | 15 | | | | | 0.001 |
| 54 | 15 | | | | | 0.001 |
| 55 | 16 | | | | | 0.001 |
| 56 | 16 | | | | | 0.001 |
| 57 | 16 | | | | | 0.001 |
| 58 | 17 | | | | | 0.004 |
| 59 | 17 | | | | | 0.003 |
| 60 | 17 | | | | | 0.005 |
| 61 | 18 | | | | | 0.005 |
| 62 | 18 | | | | | 0.008 |
| 63 | 18 | | | | | 0.008 |
| 64 | 19 | | | | | 0.003 |
| 65 | 19 | | | | | 0.004 |
| 66 | 19 | | | | | 0.001 |
| 67 | 20 | | | | | 0.002 |
| 68 | 20 | | | | | 0.002 |
| 69 | 20 | | | | | 0.005 |
| 70 | 21 | | | | | 0.010 |
| 71 | 21 | | | | | 0.001 |
| 72 | 21 | | | | | 0.004 |
| 73 | 22 | | | | | 0.010 |
| 74 | 22 | | | | | 0.001 |
| 75 | 22 | | | | | 0.009 |
| | | | | | | |

Approved LH Frisbie
Operating Supervisor

Date 1-5-53

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WCX-1318 (Dec'48)

# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Cont. Hyper vac SURVEYOR _____ SUPERVISOR Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | DEC 1952 Date | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 2010 | 1 | 1 | 480 | 4 | | 0.009 |
| 11 | 1 | | | | | 0.005 |
| 12 | 1 | | | | | 0.004 |
| 13 | 2 | | | | | 0.003 |
| 14 | 2 | | | | | 0.007 |
| 15 | 2 | | | | | 0.026 |
| 16 | 3 | | | | | 0.005 |
| 17 | 3 | | | | | 0.012 |
| 18 | 3 | | | | | 0.009 |
| 19 | 4 | | | | | 0.005 |
| 20 | 4 | | | | | 0.011 |
| 21 | 4 | | | | | 0.012 |
| 22 | 5 | | | | | 0.006 |
| 23 | 5 | | | | | 0.002 |
| 24 | 5 | | | | | 0.001 |
| 25 | 6 | | | | | 0.004 |
| 26 | 6 | | | | | 0.003 |
| 27 | 6 | | | | | 0.003 |
| 28 | 7 | | | | | 0.006 |
| 29 | 7 | | | | | 0.002 |
| 30 | 7 | | | | | 0.001 |
| 31 | 8 | | | | | 0.011 |
| 32 | 8 | | | | | 0.003 |
| 33 | 8 | | | | | 0.005 |
| 34 | 9 | | | | | 0.009 |
| 35 | 9 | | | | | 0.005 |
| 36 | 9 | | | | | 0.003 |
| 37 | 10 | | | | | 0.005 |
| 38 | 10 | | | | | 0.003 |
| 39 | 10 | | | | | 0.006 |
| 40 | 11 | | | | | 0.004 |
| 41 | 11 | | | | | 0.003 |
| 42 | 11 | | | | | 0.006 |
| | | | | | | |

Approved L H Frisbé
Operating Supervisor

Date 12-22-52

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WCX-1318 (Dec'48)

# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyper-var SURVEYOR _____ SUPERVISOR G.T.E. Sheldon

Record one week's samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | NOV 1952 Date | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1983 | 22 | | 480 | 4 | | 0.045 |
| 83A | 22 | | | | | 0.003 |
| 84 | 22 | | | | | 0.011 |
| 85 | 22 | | | | | 0.007 |
| 86 | 23 | | | | | 0.008 |
| 87 | 23 | | | | | 0.028 |
| 88 | 23 | | | | | 0.028 |
| 89 | 24 | | | | | 0.007 |
| 90 | 24 | | | | | 0.0005 |
| 91 | 24 | | | | | 0.008 |
| 92 | 25 | | | | | 0.006 |
| 93 | 25 | | | | | 0.010 |
| 94 | 25 | | | | | 0.006 |
| 95 | 26 | | | | | 0.002 |
| 96 | 26 | | | | | 0.021 |
| 97 | 26 | | | | | 0.004 |
| 98 | 27 | | | | | 0.002 |
| 99 | 27 | | | | | 0.002 |
| 2000 | 27 | | | | | 0.003 |
| 1 | 28 | | | | | 0.003 |
| 2 | 28 | | | | | 0.010 |
| 3 | 28 | | | | | 0.002 |
| 4 | 29 | | | | | 0.002 |
| 5 | 29 | | | | | 0.004 |
| 6 | 29 | | | | | 0.005 |
| 7 | 30 | | | | | 0.004 |
| 8 | 30 | | | | | 0.006 |
| 9 | 30 | | | | | 0.008 |
| | | | | | | |
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Approved L H Frisbie
Operating Supervisor

Date 12-22-52

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WCX-1318 (Dec'48)

# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyper-Vac SURVEYOR _____ SUPERVISOR G.T.E. Shelden

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Nov 1952 Date | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1953 | 12 | | 480 | 4 | | 0.009 |
| 54 | 12 | | | | | 0.002 |
| 55 | 12 | | | | | 0.082 |
| 56 | 13 | | | | | 0.002 |
| 57 | 13 | | | | | 0.— |
| 58 | 13 | | | | | 0.— |
| 59 | 14 | | | | | 0.003 |
| 60 | 14 | | | | | 0.002 |
| 61 | 14 | | | | | 0.002 |
| 62 | 15 | | | | | 0.016 |
| 63 | 15 | | | | | 0.— |
| 64 | 15 | | | | | 0.002 |
| 65 | 16 | | | | | 0.0005 |
| 66 | 16 | | | | | 0.002 |
| 67 | 16 | | | | | 0.005 |
| 68 | 17 | | | | | 0.0005 |
| 69 | 17 | | | | | 0.003 |
| 70 | 17 | | | | | 0.002 |
| 71 | 18 | | | | | 0.003 |
| 72 | 18 | | | | | 0.0005 |
| 73 | 18 | | | | | 0.012 |
| 74 | 19 | | | | | 0.0005 |
| 75 | 19 | | | | | 0.002 |
| 76 | 19 | | | | | 0.003 |
| 77 | 20 | | | | | 0.0005 |
| 78 | 20 | | | | | 0.001 |
| 79 | 20 | | | | | 0.005 |
| 80 | 21 | | | | | 0.001 |
| 81 | 21 | | | | | 4.5 |
| 81A | 21 | | 5 | 5 | | 0.032 short ter |
| 81B | 21 | | 5 | 5 | | 262.9 Short ter |
| 82 | 21 | | 480 | 4 | | 0.065 |
| | | | | | | |
| | | | | | | |

End Nov.

Approved L H Trimbi
Operating Supervisor

Date 12-3-52

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WCX-1318 (Dec'48)

# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING 306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Cont. Hyper Doc SURVEYOR _____ SUPERVISOR G.T.E. Shelton

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Date | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft$^3$) |
|---|---|---|---|---|---|---|
| 1920 | 1 | | 480 | 4 | Data out 5.246 | 0.006 |
| 21 | 1 | | | | | 0.014 |
| 22 | 1 | | | | Sampler | 0.005 |
| 23 | 2 | | | | | 0.004 |
| 24 | 2 | | | | 91. | 0.003 |
| 25 | 2 | | | | | 0.024 |
| 26 | 3 | | | | | 0.005 |
| 27 | 3 | | | | | 0.005 |
| 28 | 3 | | | | | 0.016 |
| 29 | 4 | | | | | 0.013 |
| 30 | 4 | | | | | 0.032 |
| 31 | 4 | | | | | 0.086 |
| 32 | 5 | | | | | 0.002 |
| 33 | 5 | | | | | 0.007 |
| 34 | 5 | | | | | 0.003 |
| 35 | 6 | | | | | 0.002 |
| 36 | 6 | | | | | 0.0005 |
| 37 | 6 | | | | | 0.002 |
| 38 | 7 | | | | | 0.008 |
| 39 | 7 | | | | | 0.001 |
| 40 | 7 | | | | | 0.0005 |
| 41 | 8 | | | | | 0.001 |
| 42 | 8 | | | | | 0.0005 |
| 43 | 8 | | | | | 0.001 |
| 44 | 9 | | | | | 0.005 |
| 45 | 9 | | | | | 0.0 |
| 46 | 9 | | | | | 0.001 |
| 47 | 10 | | | | | 0.007 |
| 48 | 10 | | | | | 0.001 |
| 49 | 10 | | | | | 0.006 |
| 50 | 11 | | | | | 0.007 |
| 51 | 11 | | | | | 0.003 |
| 62 | 11 | | | | | 0.002 |
| | | | | | | |

Approved L H Friedl
Operating Supervisor

Date 11-20-52

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WCX-1318 (Dec'48)

# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING 306-D ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Cont. Hepper SURVEYOR _____ SUPERVISOR Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | 1952 Date OCT | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft$^3$) |
|---|---|---|---|---|---|---|
| 1893 | 23 | | 480 | 4 | | 0.001 |
| 94 | 23 | | | | | 0.001 |
| 95 | 23 | | | | | 0.002 |
| 96 | 24 | | | | | 0.002 |
| 97 | 24 | | | | | 0.003 |
| 98 | 24 | | | | | 0.005 |
| 99 | 25 | | | | | 0.0005 |
| 1900 | 25 | | | | | 0.552 |
| 1 | 25 | | | | | 0.009 |
| 2 | 26 | | | | | 0.007 |
| 3 | 26 | | | | | 0.023 |
| 4 | 26 | | | | | 0.010 |
| 5 | 27 | | | | | 0.004 |
| 6 | 27 | | | | | 0.013 |
| 7 | 27 | | | | | 0.003 |
| 8 | 28 | | | | | 0.139 |
| 9 | 28 | | | | | 0.006 |
| 10 | 28 | | | | | 0.003 |
| 11 | 29 | | | | | 0.004 |
| 12 | 29 | | | | | 0.004 |
| 13 | 29 | | | | | 0.007 |
| 14 | 30 | | | | | 0.013 |
| 15 | 30 | | | | | 0.015 |
| 16 | 30 | | | | | 0.025 |
| 17 | 31 | | | | | 0.044 |
| 18 | 31 | | | | | 0.047 |
| 19 | 31 | | | | | 0.007 |
| | | | | | | |
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Approved L H Fristoe
Operating Supervisor

Date 11-7-52

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WCX-1318 (Dec'48)

# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING 306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Cont. Hopper-Vac SURVEYOR _____ SUPERVISOR GTE Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Date | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | (✓) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1860 | 12 | | 480 | 4 | | 0.008 |
| 61 | 12 | | | | | 0.002 |
| 62 | 12 | | | | | 0.003 |
| 63 | 13 | | | | | 0.003 |
| 64 | 13 | | | | | 0.008 |
| 65 | 13 | | | | | 0.012 |
| 66 | 14 | | | | | 0.010 |
| 67 | 14 | | | | | 0.0005 |
| 68 | 14 | | | | | 0.004 |
| 69 | 15 | | | | | 0.004 |
| 70 | 15 | | | | | 0.001 |
| 71 | 15 | | | | | 0.001 — End Oct h |
| 72 | 16 | | | | | 0.003 |
| 73 | 16 | | | | | 0.006 |
| 74 | 16 | | | | | 0.001 |
| 75 | 17 | | | | | 0.002 |
| 76 | 17 | | | | | 0.0005 |
| 77 | 17 | | | | | 0.005 |
| 78 | 18 | | | | | 0.003 |
| 79 | 18 | | | | | 0.002 |
| 80 | 18 | | | | | 0.002 |
| 81 | 19 | | | | | 0.002 |
| 82 | 19 | | | | | 0.001 |
| 83 | 19 | | | | | 0.003 |
| 84 | 20 | | | | | 0.003 |
| 85 | 20 | | | | | 0.004 |
| 86 | 20 | | | | | 0.007 |
| 87 | 21 | | | | | 0.003 |
| 88 | 21 | | | | | 0.0005 |
| 89 | 21 | | | | | 0.001 |
| 90 | 22 | | | | | 0.— |
| 91 | 22 | | | | | 0.002 |
| 92 | 22 | | | | | 0.002 |
| | | | | | | |

Approved L H Fristoe
Operating Supervisor

Date 10-28-52

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WCX-1318 (Dec'48)

# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING 306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyper-vac SURVEYOR _____ SUPERVISOR G.T.E. Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Date 1952 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | (✓) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1827 | 1 | | 480 | 4 | Total cont 1.099 | 0.001 |
| 1828 | 1 | | | | | 0.002 |
| 1829 | 1 | | | | Samples 93 | 0.003 |
| 1830 | 2 | | | | | 0.001 |
| 1831 | 2 | | | | | 0.001 |
| 1832 | 2 | | | | | 0.003 |
| 1833 | 3 | | | | | 0.002 |
| 1834 | 3 | | | | | 0.003 |
| 1835 | 3 | | | | | 0.002 |
| 1836 | 4 | | | | | 0.003 |
| 1837 | 4 | | | | | 0.003 |
| 1838 | 4 | | | | | 0.004 |
| 1839 | 5 | | | | | 0.003 |
| 1840 | 5 | | | | | 0.004 |
| 1841 | 5 | | | | | 0.007 |
| 1842 | 6 | | | | | 0.0005 |
| 1843 | 6 | | | | | 0.0005 |
| 1844 | 6 | | | | | 0.— |
| 1845 | 7 | | | | | 0.002 |
| 1846 | 7 | | | | | 0.003 |
| 1847 | 7 | | | | | 0.005 |
| 1848 | 8 | | | | | 0.008 |
| 1849 | 8 | | | | | 0.003 |
| 1850 | 8 | | | | | 0.002 |
| 1851 | 9 | | | | | 0.005 |
| 1852 | 9 | | | | | 0.003 |
| 1853 | 9 | | | | | 0.002 |
| 1854 | 10 | | | | | 0.001 |
| 1855 | 10 | | | | | 0.— |
| 1856 | 10 | | | | | 0.— |
| 1857 | 11 | | | | | 0.002 |
| 1858 | 11 | | | | | 0.001 |
| 1859 | 11 | | | | | 0.— |
| [illegible] | | | | | | [illegible] |

Approved L.H. Frisbie
Operating Supervisor

Date 10-27-52

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WCX-1318 (Dec'48)

# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING 306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyper Var SURVEYOR _____ SUPERVISOR G.T.E. Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | 1952 Date Sept | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1806 | 24 | | 480 | 4 | | 0.003 |
| 1807 | 24 | | | | | 0.001 |
| 1808 | 24 | | | | | 0.001 |
| 1809 | 25 | | | | | 0.0005 |
| 1810 | 25 | | | | | 0.000 |
| 1811 | 25 | | | | | 0.001 |
| 1812 | 26 | | | | | 0.001 |
| 1813 | 26 | | | | | 0.002 |
| 1814 | 26 | | | | | 0.004 |
| 1815 | 27 | | | | | 0.002 |
| 1816 | 27 | | | | | 0.002 |
| 1817 | 27 | | | | | 0.003 |
| 1818 | 28 | | | | | 0.003 |
| 1819 | 28 | | | | | 0.005 |
| 1820 | 28 | | | | | 0.007 |
| 1821 | 29 | | | | | 0.007 |
| 1822 | 29 | | | | | 0.004 |
| 1823 | 29 | | | | | 0.012 |
| 1824 | 30 | | | | | 0.009 |
| 1825 | 30 | | | | | 0.015 |
| 1826 | 30 | | | | | 0.056 |
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Approved L H Frisbie
Operating Supervisor

Date 10-4-52

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WCX-1318 (Dec'48)

# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING 306-7 ROOM OR SECTION PW WEEK ENDING

INSTRUMENT TYPE Continuous ~~Hyper vac~~ SURVEYOR SUPERVISOR GTE Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Date Sept 1952 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1773 | 12 | | 480 | 4 | | 0.005 |
| 1774 | 12 | | | | | 0.002 |
| 1775 | 12 | | | | | 0.0005 |
| 1776 | 13 | | | | | 0.002 |
| 1777 | 13 | | | | | 0.0005 |
| 1778 | 13 | | | | | 0.0005 |
| 1779 | 14 | | | | | 0.003 |
| 1780 | 14 | | | | | 0.0005 |
| 1781 | 14 | | | | | 0.0005 |
| 1782 | 15 | | | | | 0.001 |
| 1783 | 15 | | | | | 0.0005 |
| 1784 | 15 | | | | | 0.002 End Sept |
| 1785 | 16 | | | | | 0.003 |
| 1786 | 16 | | | | | 0.000 |
| 1787 | 16 | | | | | 0.016 |
| 1788 | 17 | | | | | 0.0005 |
| 1789 | 17 | | 1440 | | | 0.001 |
| 1790 | 18 | | 480 | | | 0.002 |
| 1791 | 18 | | 960 | | | 0.022 |
| 1792 | 19 | | 480 | | | 0.013 |
| 1793 | 19 | | | | | 0.001 |
| [redacted] | | | | | | – |
| 1794 | 20 | | | | | 0.0005 |
| 1795 | 20 | | | | | 0.001 |
| 1796 | 20 | | | | | 0.001 |
| 1997 | 21 | | | | | 0.001 |
| 1798 | 21 | | | | | 0.000 |
| 1799 | 21 | | | | | 0.000 |
| 1800 | 22 | | | | | 0.0005 |
| 1801 | 22 | | | | | 0.001 |
| 1802 | 22 | | | | | 0.003 |
| 1803 | 23 | | | | | 0.002 |
| 1804 | 23 | | | | | 0.001 |
| 1805 | 23 | | | | | 0.004 |

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Operating Supervisor

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING 306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous ~~Hyper-Var~~ SURVEYOR _____ SUPERVISOR G T E Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Sept Date 52 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1740 | 1 | | 480 | 4 | Total air 0.30 | 0.002 |
| 1741 | 1 | | | | | 0.007 |
| 1742 | 1 | | | | Samples 87. | 0.002 |
| 1743 | 2 | | | | | 0.002 |
| 1744 | 2 | | | | | 0.001 |
| 1745 | 2 | | | | | 0.002 |
| 1746 | 3 | | | | | 0.004 |
| 1747 | 3 | | | | | 0.003 |
| 1748 | 3 | | | | | 0.001 |
| 1749 | 4 | | | | | 0.002 |
| 1750 | 4 | | | | | 0.000 |
| 1751 | 4 | | | | | 0.001 |
| 1752 | 5 | | | | | 0.000 |
| 1753 | 5 | | | | | 0.001 |
| 1754 | 5 | | | | | 0.002 |
| 1755 | 6 | | | | | 0.000 |
| 1756 | 6 | | | | | 0.001 |
| 1757 | 6 | | | | | 0.001 |
| 1758 | 7 | | | | | 0.001 |
| 1759 | 7 | | | | | 0.000 |
| 1760 | 7 | | | | | 0.002 |
| 1761 | 8 | | | | | 0.005 |
| 1762 | 8 | | | | | 0.001 |
| 1763 | 8 | | | | | 0.002 |
| 1764 | 9 | | | | | 0.004 |
| 1765 | 9 | | | | | 0.003 |
| 1766 | 9 | | | | | 0.003 |
| 1767 | 10 | | | | | 0.003 |
| 1768 | 10 | | | | | 0.002 |
| 1769 | 10 | | | | | 0.002 |
| 1770 | 11 | | | | | 0.004 |
| 1771 | 11 | | | | | 0.003 |
| 1772 | 11 | | | | | 0.005 |
| | | | | | | |

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING 306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyper-Vac SURVEYOR _____ SUPERVISOR B J E Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Date Aug 52 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1710 | 22 | | 480 | 4 | | 0.006 |
| 1711 | 22 | | | | | 0.004 |
| 1712 | 22 | | | | | 0.005 |
| 1713 | 23 | | | | | 0.002 |
| 1714 | 23 | | | | | 0.005 |
| 1715 | 23 | | | | | 0.005 |
| 1716 | 24 | | | | | 0.006 |
| 1717 | 24 | | | | | 0.005 |
| 1718 | 24 | | | | | 0.019 |
| 1719 | 25 | | | | | 0.001 |
| 1720 | 25 | | | | | 0.003 |
| 1721 | 25 | | | | | 0.021 |
| 1722 | 26 | | | | | 0.005 |
| 1723 | 26 | | | | | 0.019 |
| 1724 | 26 | | | | | 0.003 |
| 1725 | 27 | | | | | 0.0005 |
| 1726 | 27 | | | | | 0.003 |
| 1727 | 27 | | | | | 0.002 |
| 1728 | 28 | | | | | 0.0817 |
| 1729 | 28 | | | | | 0.004 |
| 1730 | 28 | | | | | 0.001 |
| 1731 | 29 | | | | | 0.000 |
| 1732 | 29 | | | | | 0.003 |
| 1733 | 29 | | | | | 0.002 |
| 1734 | 30 | | | | | 0.003 |
| 1735 | 30 | | | | | 0.0005 |
| 1736 | 30 | | | | | 0.0005 |
| 1737 | 31 | | | | | 0.233 |
| 1738 | 31 | | | | | 0.010 |
| 1739 | 31 | | | | | 0.000 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING 306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyper-Var SURVEYOR _____ SUPERVISOR G.T.E. Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Aug Date 52 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1681 | 12 | | 480 | 4 | | 0.007 |
| 1682 | 12 | | " | " | | 0.020 |
| 1683 | 13 | | " | " | | 0.1484 |
| 1684 | 13 | | " | " | | 0.001 |
| 1685 | 13 | | " | " | | 0.003 |
| 1686 | 14 | | " | " | | 0.004 |
| 1687 | 14 | | " | " | | 0.003 |
| 1688 | 14 | | " | " | | 0.005 |
| 1689 | 15 | | " | " | | 0.003 |
| 1690 | 15 | | " | " | | 0.002 |
| 1691 | 15 | | " | " | | 0.008 |
| 1692 | 16 | | " | " | | 0.005 |
| 1693 | 16 | | " | " | | 0.004 |
| 1694 | 16 | | " | " | | 0.011 |
| 1695 | 17 | | " | " | | 0.006 |
| 1696 | 17 | | " | " | | 0.011 |
| 1697 | 17 | | " | " | | 0.014 |
| 1698 | 18 | | " | " | | 0.009 |
| 1699 | 18 | | " | " | | 0.004 |
| 1700 | 18 | | " | " | | 0.008 |
| 1701 | 19 | | " | " | | 0.006 |
| 1702 | 19 | | " | " | | 0.016 |
| 1703 | 19 | | " | " | | 0.026 |
| 1704 | 20 | | " | " | | 0.006 |
| 1705 | 20 | | " | " | | 0.004 |
| 1706 | 20 | | " | " | | 0.004 |
| 1707 | 21 | | " | " | | 0.006 |
| 1708 | 21 | | " | " | | 0.003 |
| 1709 | 21 | | " | " | | 0.003 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING 306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyper-vac SURVEYOR _____ SUPERVISOR G.T.E. Shelden

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Aug Date 52 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1647 | 1 | | 480 | 4 | Sampler 73 Total act. 0.791 | 0.002 |
| 1648 | 1 | | 480 | 4 | | 0.001 |
| 1649 | 1 | | 480 | 4 | | 0.002 |
| 1650 | 2 | | 480 | 4 | | 0.001 |
| 1651 | 2 | | 480 | 4 | | 0.003 |
| 1652 | 2 | | 480 | 4 | | 0.006 |
| 1653 | 3 | | 480 | 4 | | 0.005 |
| 1654 | 3 | | 480 | 4 | | 0.018 |
| 1655 | 3 | | 480 | 4 | | 0.025 |
| 1656 | 4 | | 480 | 4 | | 0.005 |
| 1657 | 4 | | 480 | 4 | | 0.010 |
| 1658 | 4 | | 480 | 4 | | 0.014 |
| 1659 | 5 | | 480 | 4 | | 0.003 |
| 1660 | 5 | | 480 | 4 | | 0.007 |
| 1661 | 5 | | 480 | 4 | | 0.022 |
| 1662 | 6 | | 480 | 4 | | 0.002 |
| 1663 | 6 | | 480 | 4 | | 0.002 |
| 1664 | 6 | | 480 | 4 | | 0.002 |
| 1665 | 7 | | 480 | 4 | | 0.006 |
| 1666 | 7 | | 480 | 4 | | 0.006 |
| 1667 | 7 | | 480 | 4 | | 0.012 |
| 1668 | 8 | | 480 | 4 | | 0.0005 |
| 1669 | 8 | | 480 | 4 | | 0.001 |
| 1670 | 8 | | 480 | 4 | | 0.002 |
| 1671 | 9 | | 480 | 4 | | 0.001 |
| 1672 | 9 | | 480 | 4 | | 0.001 |
| 1673 | 9 | | 480 | 4 | | 0.002 |
| 1674 | 10 | | 480 | 4 | | 0.0005 |
| 1675 | 10 | | 480 | 4 | | 0.003 |
| 1676 | 10 | | 480 | 4 | | 0.007 |
| 1677 | 11 | | 480 | 4 | | 0.002 |
| 1678 | 11 | | 480 | 4 | | 0.001 |
| 1679 | 11 | | 480 | 4 | | 0.007 |
| 1680 | 12 | | 480 | 4 | | 0.005 |

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING 306-7 ROOM OR SECTION [illegible] WEEK ENDING _____

INSTRUMENT TYPE [illegible] SURVEYOR _____ SUPERVISOR G. E. Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | July Date 52 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft$^3$) |
|---|---|---|---|---|---|---|
| 1626 | 25 | | 480 | 4 | | .001 |
| 1627 | 25 | | 480 | 4 | | .001 |
| 1628 | 25 | | 480 | 4 | | .003 |
| 1629 | 26 | | 480 | 4 | | .001 |
| 1630 | 26 | | 480 | 4 | | .002 |
| 1631 | 26 | | 480 | 4 | | .009 |
| 1632 | 27 | | 480 | 4 | | .003 |
| 1633 | 27 | | 480 | 4 | | .005 |
| 1634 | 27 | | 480 | 4 | | .018 |
| 1635 | 28 | | 480 | 4 | | .002 |
| 1636 | 28 | | 480 | 4 | | .003 |
| 1637 | 28 | | 480 | 4 | | .010 |
| 1638 | 29 | | 480 | 4 | | .005 |
| 1639 | 29 | | 480 | 4 | | .010 |
| 1640 | 29 | | 480 | 4 | | .040 |
| 1641 | 30 | | 480 | 4 | | 0.001 |
| 1642 | 30 | | 480 | 4 | | 0.002 |
| 1643 | 30 | | 480 | 4 | | 0.003 |
| 1644 | 31 | | 480 | 4 | | 0.003 |
| 1645 | 31 | | 480 | 4 | | 0.005 |
| 1646 | 31 | | 480 | 4 | | 0.035 |

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING 306-7 ROOM OR SECTION PW WEEK ENDING

INSTRUMENT TYPE Hypodermic SURVEYOR SUPERVISOR G.E. Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | July Date 52 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft$^3$) |
|---|---|---|---|---|---|---|
| 1622 | 24 | | 480 | 4 | | .01 |
| 1624 | 24 | | " | " | | .012 |
| 1625 | 24 | | " | " | | .036 |

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-3[illegible]-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyp[illegible] SURVEYOR _____ SUPERVISOR [illegible] Shelton

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Date 52 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft$^3$) |
|---|---|---|---|---|---|---|
| [illegible] | [illegible] | | 480 | 4 | | .0005 |
| [illegible] | [illegible] | | " | " | | .002 |
| 1591 | 13 | | " | " | | .002 |
| [illegible] | 13 | | " | " | | .005 |
| [illegible] | 13 | | " | " | | .006 |
| [illegible] | 14 | | " | " | | .006 |
| [illegible] | 14 | | " | " | | .007 |
| [illegible] | 14 | | " | " | | .034 |
| [illegible] | 15 | | " | " | | .006 |
| [illegible] | 15 | | " | " | | .006 |
| [illegible] | 15 | | " | " | | .030 |
| 1600 | 16 ← | Sample [illegible] | | | | |
| 1601 | 16 | | 480 | 4 | | .002 |
| 1602 | 16 | | " | " | | .006 |
| 1603 | 17 | | " | " | | .005 |
| 1604 | 17 | | " | " | | .009 |
| 1605 | 17 | | " | " | | .016 |
| [illegible] | 18 | | " | " | | .006 |
| [illegible] | 18 | | " | " | | .002 |
| [illegible] | 18 | | " | " | | .002 |
| 1609 | 19 | | " | " | | .002 |
| [illegible] | 19 | | " | " | | .001 |
| [illegible] | 19 | | " | " | | .002 |
| 1612 | 20 | | " | " | | .001 |
| [illegible] | 20 | | " | " | | .002 |
| 1614 | 20 | | " | " | | .013 |
| 1615 | 21 | | " | " | | .006 |
| 1616 | 21 | | " | " | | .01 |
| [illegible] | 21 | | " | " | | .03 |
| [illegible] | 22 | | " | " | | .02 |
| 1619 | 22 | | 480 | 4 | | .02 |
| 1620 | 23 | | 480 | 4 | | .003 |
| [illegible] | 23 | | | " | | .002 |
| [illegible] | 23 | | | " | | .022 |

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-206-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyper Vac SURVEYOR _____ SUPERVISOR G. F. E. Thaldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | July Date 52 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1555 | 1 | | 480 | 4 | Sample 0.952 | .009 |
| 1556 | 1 | | " | " | 91 | .006 |
| 1557 | 1 | | " | " | | .029 |
| 1558 | 2 | | " | " | | .073 |
| 1559 | 2 | | " | " | | .010 |
| 1560 | 2 | | " | " | | .024 |
| 1561 | 3 | | " | " | | 0 |
| 1562 | 3 | | " | " | | .001 |
| 1563 | 3 | | " | " | | .007 |
| 1564 | 4 | | " | " | | .001 |
| 1565 | 4 | | " | " | | 0 |
| 1566 | 4 | | " | " | | .0005 |
| 1567 | 5 | | " | " | | .001 |
| 1568 | 5 | | " | " | | .001 |
| 1569 | 5 | | " | " | | .002 |
| 1570 | 6 | | " | " | | .003 |
| 1571 | 6 | | " | " | | .003 |
| 1572 | 6 | | " | " | | .011 |
| 1573 | 7 | | " | " | | .003 |
| 1574 | 7 | | " | " | | .008 |
| 1575 | 7 | | " | " | | .021 |
| 1576 | 8 | | " | " | | .005 |
| 1577 | 8 | | " | " | | .006 |
| 1578 | 8 | | " | " | | .006 |
| 1579 | 9 | | " | " | | .001 |
| 1580 | 9 | | " | " | | .0005 |
| 1581 | 9 | | " | " | | .0005 |
| 1582 | 10 | | " | " | | .004 |
| 1583 | 10 | | " | " | | .001 |
| 1584 | 10 | | " | " | | .001 |
| 1585 | 11 | | " | " | | .0005 |
| 1586 | 11 | | " | " | | .0005 |
| 1587 | 11 | | " | " | | .0005 |
| 1588 | 12 | | " | " | | .0005 |

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyper-Vac SURVEYOR _____ SUPERVISOR G.T.E. Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | 1952 Date June | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft$^3$) |
|---|---|---|---|---|---|---|
| 1549 | 29 | | 480 | 4 | | 0.003 |
| 1550 | 29 | | 480 | 4 | | 0.004 |
| 1551 | 29 | | 480 | 4 | | 0.013 |
| 1552 | 30 | | 480 | 4 | | 0.004 |
| 1553 | 30 | | 480 | 4 | | 0.004 |
| 1554 | 30 | | 480 | 4 | | 0.011 |

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyper-Vac SURVEYOR _____ SUPERVISOR G. J. E. Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | 1952 Date June | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft$^3$) |
|---|---|---|---|---|---|---|
| 1515 | 17 | | 480 | 4 | | 0.172 |
| 1516 | 18 | | 480 | 4 | | 0.009 |
| 1517 | 18 | | 480 | 4 | | 0.007 |
| 1518 | 18 | | 480 | 4 | | 0.031 |
| 1519 | 19 | | 480 | 4 | | 0.010 |
| 1520 | 19 | | 480 | 4 | | 0.008 |
| 1521 | 19 | | 480 | 4 | | 0.030 |
| 1522 | 20 | | 480 | 4 | | 0.001 |
| 1523 | 20 | | 480 | 4 | | Nil |
| 1524 | 20 | | 480 | 4 | | 0.003 |
| 1525 | 21 | | 480 | 4 | | 0.003 |
| 1526 | 21 | | 480 | 4 | | 0.020 |
| 1527 | 21 | | 480 | 4 | | 0.002 |
| 1528 | 22 | | 480 | 4 | | 0.009 |
| 1529 | 22 | | 480 | 4 | | 0.005 |
| 1530 | 22 | | 480 | 4 | | 0.004 |
| 1531 | 23 | | 480 | 4 | | 0.105 |
| 1532 | 23 | | 480 | 4 | | 0.009 |
| 1533 | 23 | | 480 | 4 | | 0.029 |
| 1534 | 24 | | 480 | 4 | | 0.086 |
| 1535 | 24 | | 480 | 4 | | 0.014 |
| 1536 | 24 | | 480 | 4 | | 0.044 |
| 1537 | 25 | | 480 | 4 | | 0.007 |
| 1538 | 25 | | 480 | 4 | | 0.010 |
| 1539 | 25 | | 480 | 4 | | 0.054 |
| 1540 | 26 | | 480 | 4 | | 0.005 |
| 1541 | 26 | | 480 | 4 | | 0.008 |
| 1542 | 26 | | 480 | 4 | | 0.037 |
| 1543 | 27 | | 480 | 4 | | 0.001 |
| 1544 | 27 | | 480 | 4 | | 0.002 |
| 1545 | 27 | | 480 | 4 | | 0.004 |
| 1546 | 28 | | 480 | 4 | | 0.001 |
| 1547 | 28 | | 480 | 4 | | 0.003 |
| 1548 | 28 | | 480 | 4 | | 0.004 |

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-306-7 ROOM OR SECTION PW. WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyper-Vac. SURVEYOR _____ SUPERVISOR G.J.E. Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | 1952 Date June | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1481 | 6 | | 480 | 4 | | 0.001 |
| 1482 | 6 | | 480 | 4 | | 0.001 |
| 1483 | 6 | | 480 | 4 | | 0.012 |
| 1484 | 7 | | 480 | 4 | | 0.001 |
| 1485 | 7 | | 480 | 4 | | 0.01 |
| 1486 | 7 | | 480 | 4 | | 0.003 |
| 1487 | 8 | | 480 | 4 | | 0.006 |
| 1488 | 8 | | 480 | 4 | | 0.003 |
| 1489 | 8 | | 480 | 4 | | 0.002 |
| 1490 | 9 | | 480 | 4 | | 0.012 |
| 1491 | 9 | | 480 | 4 | | 0.028 |
| 1492 | 9 | | 480 | 4 | | 0.600 |
| 1493 | 10 | | 480 | 4 | | 0.001 |
| 1494 | 10 | | 480 | 4 | | 0.026 |
| 1495 | 10 | | 480 | 4 | | 0.006 |
| 1496 | 11 | | 480 | 4 | | 0.002 |
| 1497 | 11 | | 480 | 4 | | 0.002 |
| 1498 | 11 | | 480 | 4 | | 0.001 |
| 1499 | 12 | | 480 | 4 | | 0.002 |
| 1500 | 12 | | 480 | 4 | | 0.002 |
| 1501 | 12 | | 480 | 4 | | Nil |
| 1502 | 13 | | 960 | 4 | | 0.013 |
| 1503 | 13 | | 480 | 4 | | 0.001 |
| 1504 | 14 | | 480 | 4 | | Nil |
| 1505 | 14 | | 480 | 4 | | 0.001 |
| 1506 | 14 | | 480 | 4 | | 0.002 |
| 1507 | 15 | | 480 | 4 | | 0.002 |
| 1508 | 15 | | 480 | 4 | | 0.002 |
| 1509 | 15 | | 480 | 4 | | 0.004 |
| 1510 | 16 | | 480 | 4 | | 0.007 |
| 1511 | 16 | | 480 | 4 | | 0.008 |
| 1512 | 16 | | 480 | 4 | | 0.024 |
| 1513 | 17 | | 480 | 4 | | 0.001 |
| 1514 | 17 | | 480 | 4 | | 0.002 |

Jun Nil

Approved _____
Operating Supervisor

Date _____

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous ~~Hyper-Vac~~ SURVEYOR _____ SUPERVISOR G.J.E. Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | 1952 Date May | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1448 | 26 | | 480 | 4 | | 0.004 |
| 1449 | 26 | | 480 | 4 | | 0.007 |
| 1450 | 26 | | 480 | 4 | | 0.031 |
| 1451 | 27 | | 480 | 4 | | 0.056 |
| 1452 | 27 | | 480 | 4 | | 0.028 |
| 1453 | 27 | | 480 | 4 | | 0.031 |
| 1454 | 28 | | 480 | 4 | | 0.005 |
| 1455 | 28 | | 480 | 4 | | 0.006 |
| 1456 | 28 | | 480 | 4 | | 0.001 |
| 1457 | 29 | | 480 | 4 | | 0.001 |
| 1458 | 29 | | 480 | 4 | | 0.001 |
| 1459 | 29 | | 480 | 4 | | 0.001 |
| 1460 | 30 | | 480 | 4 | | 0.055 |
| 1461 | 30 | | 480 | 4 | | 0.001 |
| 1462 | 30 | | 480 | 4 | | 0.001 |
| 1463 | 31 | | 480 | 4 | | 0.001 |
| 1464 | 31 | | 480 | 4 | | 0.002 |
| 1465 | 31 | | 480 | 4 | | 0.005 |
| | June | | | | | |
| 1466 | 1 | | 480 | 4 | Samples - Total art | 0.004 |
| 1467 | 1 | | 480 | 4 | 89 1.830 | 0.007 |
| 1468 | 1 | | 480 | 4 | | 0.035 |
| 1469 | 2 | | 480 | 4 | | 0.007 |
| 1470 | 2 | | 480 | 4 | | 0.010 |
| 1471 | 2 | | 480 | 4 | | 0.065 |
| 1472 | 3 | | 480 | 4 | | 0.008 |
| 1473 | 3 | | 480 | 4 | | 0.008 |
| 1474 | 3 | | 480 | 4 | | 0.081 |
| 1475 | 4 | | 480 | 4 | | 0.004 |
| 1476 | 4 | | 480 | 4 | | 0.011 |
| 1477 | 4 | | 480 | 4 | | 0.032 |
| 1478 | 5 | | 480 | 4 | | 0.001 |
| 1479 | 5 | | 480 | 4 | | 0.001 |
| 1480 | 5 | | 480 | 4 | | 0.001 |

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Hyper-Voc SURVEYOR _____ SUPERVISOR G E Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | MAY Date 1952 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft$^3$) |
|---|---|---|---|---|---|---|
| 1440 | 23 | | 480 | 4 | | 0.004 |
| 1441 | 23 | | | | | 0.001 |
| 1442 | 23 | | | | | 0.002 |
| 1443 | 24 | | | | | 0.001 |
| 1444 | 24 | | | | | 0.001 |
| 1445 | 24 | | | | | 0.003 |
| 1446 | 25 | | | | | 0.003 |
| 1447 | 25 | | 960 | 4 | | 0.007 |
| ~~1448~~ | ~~25~~ | | | | | |

Approved: G E Sheldon Operating Supervisor

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyper-Vac SURVEYOR _____ SUPERVISOR G.E. Sheldon

Record one week's samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | MAY Date 1952 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft$^3$) |
|---|---|---|---|---|---|---|
| 1407 | 12 | | 480 | 4 | | 0.005 |
| 1408 | 12 | | " | " | | 0.010 |
| 1409 | 12 | | " | " | | 0.017 |
| 1410 | 13 | | " | " | | 0.001 |
| 1411 | 13 | | " | " | | 0.002 |
| 1412 | 13 | | " | " | | 0.002 |
| 1413 | 14 | | " | " | | 0.003 |
| 1414 | 14 | | " | " | | 0.003 |
| 1415 | 14 | | " | " | | NIL |
| 1416 | 15 | | " | " | | 0.002 |
| 1417 | 15 | | " | " | | 0.004 |
| 1418 | 15 | | " | " | | 0.003 |
| 1419 | 16 | | " | " | | 0.008 |
| 1420 | 16 | | " | " | | 0.005 |
| 1421 | 16 | | " | " | | 0.021 |
| 1422 | 17 | | " | " | | 0.007 |
| 1423 | 17 | | " | " | | 0.006 |
| 1424 | 17 | | " | " | | 0.016 |
| 1425 | 18 | | " | " | | 0.004 |
| 1426 | 18 | | " | " | | 0.017 |
| 1427 | 18 | | " | " | | 0.034 |
| 1428 | 19 | | " | " | | 0.007 |
| 1429 | 19 | | " | " | | 0.054 |
| 1430 | 19 | | " | " | | 0.013 |
| 1431 | 20 | | " | " | | 0.013 |
| 1432 | 20 | | " | " | | 0.004 |
| 1433 | 20 | | " | " | | 0.013 |
| 1434 | 21 | | " | " | | 0.002 |
| 1435 | 21 | | " | " | | 0.004 |
| 1436 | 21 | | " | " | | 0.008 |
| 1437 | 22 | | " | " | | 0.010 |
| 1438 | 22 | | " | " | | 0.056 |
| 1439 | 22 | | " | " | | 0.005 |
| | | | | | | |

Approved G.E. Sheldon
Operating Supervisor

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyper-Vac SURVEYOR _____ SUPERVISOR G E Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Date MAY 1952 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1374 | 1 | | 480 | 4 | Sampler 1,300 feet from air | 0.009 |
| 1375 | 1 | | " | " | | 0.006 |
| 1376 | 1 | | " | " | | 0.033 |
| 1377 | 2 | | " | " | | 0.003 |
| 1378 | 2 | | " | " | | 0.004 |
| 1379 | 2 | | " | " | | 0.004 |
| 1380 | 3 | | " | " | | 0.003 |
| 1381 | 3 | | " | " | | 0.004 |
| 1382 | 3 | | " | " | | 0.033 |
| 1383 | 4 | | " | " | | 0.004 |
| 1384 | 4 | | " | " | | 0.011 |
| 1385 | 4 | | " | " | | 0.044 |
| 1386 | 5 | | " | " | | 0.010 |
| 1387 | 5 | | " | " | | 0.009 |
| 1388 | 5 | | " | " | | 0.066 |
| 1389 | 6 | | " | " | | 0.015 |
| 1390 | 6 | | " | " | | 0.009 |
| 1391 | 6 | | " | " | | 0.071 |
| 1392 | 7 | | " | " | | 0.007 |
| 1393 | 7 | | " | " | | 0.011 |
| 1394 | 7 | | " | " | | 0.171 |
| 1395 | 8 | | " | " | | 0.008 |
| 1396 | 8 | | " | " | | 0.016 |
| 1397 | 8 | | " | " | | 0.066 |
| 1398 | 9 | | " | " | | 0.001 |
| 1399 | 9 | | " | " | | 0.001 |
| 1400 | 9 | | " | " | | 0.041 |
| 1401 | 10 | | " | " | | 0.001 |
| 1402 | 10 | | " | " | | 0.004 |
| 1403 | 10 | | " | " | | 0.005 |
| 1404 | 11 | | " | " | | 0.008 |
| 1405 | 11 | | " | " | | 0.005 |
| 1406 | 11 | | " | " | | 0.008 |
| | | | | | | |

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Operating Supervisor

Date 5-27-52

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-306-7 ROOM OR SECTION PW. WEEK ENDING _____

INSTRUMENT TYPE Continuous Hyper Vac. SURVEYOR _____ SUPERVISOR G.E. Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Date 1952 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft$^3$) |
|---|---|---|---|---|---|---|
| 1351 | 4/22 | | 480 | 4 | | 0.044 |
| 1352 | " | | " | " | | 0.027 |
| 1353 | " | | " | " | | 0.084 |
| 1354 | 4/23 | | " | " | | 0.028 |
| 1355 | " | | " | " | | 0.023 |
| 1356 | " | | " | " | | 0.065 |
| 1357 | 4/24 | | " | " | | 0.027 |
| 1358 | " | | " | " | | 0.006 |
| 1359 | " | | " | " | | 0.013 |
| 1360 | 4/25 | | " | " | | 0.001 |
| 1361 | " | | 420 | " | | 0.003 |
| 1362 | " | | 1440 | " | | 0.006 |
| 1363 | 4/26 | | 480 | " | | 0.007 |
| 1364 | 4/27 | | 480 | " | | 0.020 |
| 1365 | 4/27 | | 960 | " | | 0.004 |
| 1366 | 4/28 | | 480 | " | Paper fell on floor | 0.197 |
| 1367 | " | | " | " | | 0.003 |
| 1368 | " | | " | " | | 0.006 |
| 1369 | 4/29 | | " | " | | 0.078 |
| 1370 | " | | " | " | | 0.039 |
| 1371 | " | | " | " | | 0.053 |
| 1372 | 4/30 | | 960 | " | | 0.002 |
| 1373 | " | | 480 | " | | 0.017 |

Approved G.E. Sheldon
Operating Supervisor

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# ROUTINE AIRBORNE CONTAMINATION REPORT

BUILDING K-306-7 ROOM OR SECTION PW WEEK ENDING _____

INSTRUMENT TYPE Continuous Hypervac. SURVEYOR _____ SUPERVISOR G R Sheldon

Record one weeks samples. In the column headed "Location and Conditions" give the approximate distance of the sampler from the source of air contamination and whether respiratory protective equipment was used by personnel in the immediate work area during the sampling period.

| Sample No. | Date 1952 | Time | Length of Sample (min.) | Flow (cfM) | Location and Conditions | ( ) Alpha ( ) Beta (c/m/ft³) |
|---|---|---|---|---|---|---|
| 1317 | 3/26 | | 1440 | 4 | | 0.002 |
| 1318 | 3/27 | | 1440 | 4 | | 0.001 |
| 1319 | 3/28 | | 1440 | 4 | | 0.304 |
| 1320 | 3/29 | | " | " | | 0.037 |
| 1321 | 3/30 | | " | " | | 0.006 |
| 1322 | 3/31 | | " | " | | 0.105 |
| 1323 | 4/1 | | " | " | Intake Ck. | 0.005 |
| 1324 | 4/2 | | " | " | Samples 1657 | 0.002 |
| 1325 | 4/3 | | " | " | | 0.010 |
| 1326 | 4/4 | | " | " | 51 | 0.005 |
| 1327 | 4/5 | | " | " | | 0.003 |
| 1328 | 4/6 | | " | " | | 0.003 |
| 1329 | 4/7 | | " | " | | 0.004 |
| 1330 | 4/8 | | " | " | | 0.017 |
| 1331 | 4/9 | | " | " | | 0.030 |
| 1332 | 4/10 | | " | " | | 0.010 |
| 1333 | 4/11 | | " | " | | 0.006 |
| 1334 | 4/12 | | " | " | | 0.007 |
| 1335 | 4/13 | | " | " | | 0.006 |
| 1336 | 4/14 | | " | " | | 0.013 |
| 1337 | 4/15 | | " | " | | 0.200 |
| 1338 | 4/16 | | " | " | | 0.005 |
| 1339 | 4/17 | | " | " | | 0.164 |
| 1340 | 4/18 | | " | " | | 0.002 |
| 1341 | 4/18 | | 960 | 4 | | 0.007 |
| 1342 | 4/18 | | 480 | 4 | | 0.003 |
| 1343 | 4/19 | | 480 | 4 | | 0.004 |
| 1344 | 4/19 | | 960 | 4 | | 0.007 |
| 1345 | 4/20 | | 480 | 4 | | 0.010 |
| 1346 | 4/20 | | 480 | 4 | | 0.013 |
| 1347 | 4/20 | | " | " | | 0.037 |
| 1348 | 4/21 | | " | " | | 0.027 |
| 1349 | 4/21 | | " | " | | 0.014 |
| 1350 | 4/21 | | " | " | | 0.195 |

Approved G R Sheldon
Operating Supervisor

Date 5-27-52

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WCX-1318 (Dec'48)

TO:S.A.Kingsbury
K-I00I

Airborn Samples From P.W.

| Sample No. | Date Of Use | Counts/Minute |
|---|---|---|
| I289 | 2-27-52 | .0023 |
| I290 | 2-28-52 | .00I7 |
| I29I | 2-29-52 | .00I7 |
| I292 | 3-I-52 Sample 31 Follow out n. 529 | .0028 |
| I293 | 3-2-52 | .0068 |
| I294 | 3-3-52 | .0028 |
| I295 | 3-4-52 | .002I |
| I296 | 3-5-52 | .0003 |
| I297 | 3-6-52 | .0009 |
| I298 | 3-7-52 | .00I0 |
| I299 | 3-8-52 | .00I6 |
| I300 | 3-9-52 | .0030 |
| I30I | 3-I0-52 | .00I0 |
| I302 | 3-II-52 | .0028 |
| I303 | 3-I2-52 | .0030 |
| I304 | 3-I3-52 | .002I |
| I305 | 3-I4-52 | .00I2 |
| I306 | 3-I5-52 | .00I7 |
| I307 | 3-I6-52 | .003I |
| I308 | 3-I7-52 | .0038 |
| I309 | 3-I8-52 | .0I79 |
| I3I0 | 3-I9-52 | .0028 |
| I3II | 3-20-52 | .0038 |
| I3I2 | 3-2I-52 | .00I9 |
| I3I3 | 3-22-52 | .00I7 |
| I3I4 | 3-23-52 | .0028 |
| I3I5 | 3-24-52 | .00I9 |
| I3I6 | 3-25-52 | .00I2 |

E C Kent

APR 4 1952

TO:S.A.Kingsby
K-IOOI

Airborn Samples From P.W.

| Sample No. | Date Of Use | Counts/Minute |
|---|---|---|
| I245 | I-I4-52 | .00I6 |
| I246 | I-I5-52 | .002I |
| I247 | I-I6-52 | .0036 |
| I248 | I-I7-52 | .00I2 |
| I249 | I-I8-52 | .0023 |
| I250 | I-I9-52 | .0033 |
| I25I | I-20-52 | .0050 |
| I252 | I-2I-52 | .0023 |
| I253 | I-22-52 | .0033 |
| I254 | I-23-52 | .00I9 |
| I255 | I-24-52 | .006I |
| I256 | I-25-52 | .00I4 |
| I257 | I-26-52 | .00I0 |
| I258 | I-27-52 | .0I63 |
| I259 | I-28-52 | .00I7 |
| I260 | I-29-52 | .00I7 |
| I26I | I-30-52 | .0268 |
| I262 | I-3I-52 | .0I46 |
| I263 | 2-I-52 | .00I6 |
| I264 | 2-2-52 | .0005 |
| I265 | 2-3-52 | .0049 |
| I266 | 2-4-52 | .0049 |
| I267 | 2-5-52 | .002I |
| I268 | 2-6-52 | .0009 |
| I269 | 2-7-52 | .0085 |
| I270 | 2-8-52 | .00I9 |
| I27I | 2-9-52 | .00I6 |
| I272 | *2I 2-I0-52 | .0040 |
| I273 | 2-II52 | .0007 |
| I274 | 2-I2-52 | .0035 |
| I275 | 2-I3-52 | .0056 |
| I276 | 2-I4-52 | .0094 |
| I277 | 2-I5-52 | .0054 |
| I278 | 2-I6-52 | .0066 |
| I279 | 2-I7-52 | .0049 |
| I280 | 2-I8-52 | .0I04 |
| I28I | 2-I9-52 | .0024 |
| I282 | 2-20-52 | .0005 |
| I283 | 2-2I-52 | . 0 . |
| I284 | 2-22-52 | .0054 |
| I285 | 2-23-52 | .0III8 |
| I286 | 2-24-52 | .00I2 |
| I287 | 2-25-52 | .0II8 |
| I288 | 2-26-52 | .00I9 |

Samples Total act. 0.118

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3-3-52

# AIRBORNE ALPHA SAMPLES

| SAMPLE No. | DATE OF USE | LOCATION OF USE | TIME STARTED | TIME STOPPED | MINUTE RUN | RATE | TOTAL COUNTS | COUNTS PER MINUTE |
|---|---|---|---|---|---|---|---|---|
| 1230 | 12-30 | | 2300 | 2300 | 1440 | 4 | 15 | .0026 |
| 1231 | 12-31 | | " | " | " | " | 18 | .0031 |
| 1232 | 1-1-52 | Samples - 31 - 0.126 | " | " | " | " | 34 | .0059 |
| 1233 | 1-2 | | " | " | " | " | 14 | .0024 |
| 1234 | 1-3 | | " | " | " | " | 9 | .0016 |
| 1235 | 1-4 | | " | " | " | " | 17 | .0030 |
| 1236 | 1-5 | | " | " | " | " | 7 | .0012 |
| 1237 | 1-6 | | " | " | " | " | 7 | .0012 |
| 1238 | 1-7 | | " | " | " | " | 7 | .0012 |
| 1239 | 1-8 | | " | " | " | " | 23 | .0040 |
| 1240 | 1-9 | | " | " | " | " | 1 | .0002 |
| 1241 | 1-10 | | " | " | " | " | 11 | .0019 |
| 1242 | 1-11 | | " | " | " | " | 15 | .0026 |
| 1243 | 1-12 | | " | " | " | " | 7 | .0012 |
| 12-44 | 1-13 | | " | " | " | " | 18 | .0031 |

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