NYC-WTC_000367167

NYC 9/11 Public Portal Document

SciLab Job #: **201092864**



Client Name: GCI Environmental Advisory, Inc.

## Phase Contrast Microscopy (PCM) Fiber Results

N01-B4046; Rockrose Development Corp.; 22 River Terrace, NYC; CLEARANCE

| SciLab Sample # | Client Sample # / Location | Date Collected | Flow Rate (liters/min.) | Duration (min.) | Air Filtered (liters) | Fields | Fibers | Fiber Density (Fibers/mm$^2$) | Fibers Conc. (Fibers/cc) | TWA |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | 22-9/23-51 Field Blank | 9/23/2001 | 0 | 0 | 0 | 100 | 0 5 | 0.64 | **Footnotes:** *1* | |
| 02 | 22-9/23-52 Field Blank | 9/23/2001 | 0 | 0 | 0 | 100 | 0 5 | 0.64 | **Footnotes:** *1* | |
| 03 | 22-9/23-53 Apt. 4C Kitchen/CAS | 9/23/2001 | 15 | 66 | 990 | 100 | 19 5 | 24.84 | 0 010 | |
| 04 | 22-9/23-54 Apt. 5A Kitchen/CAS | 9/23/2001 | 15 | 64 | 960 | 100 | 31 | 39.49 | 0.016 | |
| 05 | 22-9/23-55 Apt 5E Kitchen/ CAS | 9/23/2001 | 15 | 63 | 945 | 100 | 18 | 22.93 | 0.009 | |
| 06 | 22-9/23-56 Apt. 5C Kitchen/CAS | 9/23/2001 | 15 | 63 | 945 | 100 | 3 | 3.82 | < 0.003 | |
| 07 | 22-9/23-57 Apt 5Q Bathroom/CAS | 9/23/2001 | 15 | 63 | 945 | 100 | 44 | 56.05 | 0 023 | |
| 08 | 22-9/23-58 Apt. 5F Kitchen/CAS | 9/23/2001 | 15 | 60 | 900 | 100 | 14 | 17.83 | 0.008 | |
| 09 | 22-9/23-59 Apt. 5H Kitchen/CAS | 9/23/2001 | 15 | 60 | 900 | 100 | 6 | 7 64 | 0.003 | |
| 10 | 22-9/23-60 Apt. 5K Kitchen/CAS | 9/23/2001 | 15 | 60 | 900 | 100 | 4 | 5.10 | < 0.003 | |
| 11 | 22-9/23-61 Apt. 6B Kitchen/CAS | 9/23/2001 | 15 | 60 | 900 | 100 | 6 5 | 8.28 | 0 004 | |
| 12 | 22-9/23-62 Apt 6D Kitchen/CAS | 9/23/2001 | 15 | 60 | 900 | 100 | 18.5 | 23.57 | 0 010 | |
| 13 | 22-9/23-63 Apt 6C Kitchen/CAS | 9/23/2001 | 15 | 60 | 900 | 100 | 5 | 6.37 | < 0.003 | |
| 14 | 22-9/23-64 Apt. 6G Kitchen/CAS | 9/23/2001 | 15 | 60 | 900 | 100 | 10 | 12.74 | 0.005 | |
| 15 | 22-9/23-65 Apt 6H Kitchen/CAS | 9/23/2001 | 15 | 60 | 900 | 100 | 14 | 17.83 | 0 008 | |

CITY_21MC100_002861801

NYC-WTC_000367168



Client Name: GCI Environmental Advisory, Inc.

## Phase Contrast Microscopy (PCM) Fiber Results

N01-B4046; Rockrose Development Corp.; 22 River Terrace, NYC; CLEARANCE

| SciLab Sample # | Client Sample # / Location | Date Collected | Flow Rate (liters/min.) | Duration (min.) | Air Filtered (liters) | Fields | Fibers | Fiber Density (Fibers/mm$^2$) | Fibers Conc. (Fibers/cc) | TWA |
|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 22-9/23-66 Apt. 7F Kitchen/CAS | 9/23/2001 | 15 | 60 | 900 | 100 | 3 | 3.82 | < 0.003 | |
| 17 | 22-9/23-67 Apt. 7H Kitchen/CAS | 9/23/2001 | 15 | 60 | 900 | 100 | 6 | 7 64 | 0.003 | |

**Reporting Notes:**

(1) Fibers/cc cannot be calculated for samples (or blanks) with no air volume

Analyzed by Tatyana Grimchak LF for TG, Date Analyzed 9/24/2001

Samples analyzed by NIOSH 7400(A) Method, Issue #2, 8/15/94, Limit of Dectection= 5 5 fibers per 100 fields or 7 fibers/mm2, This report relates ONLY to the sample analysis expressed as fibers/sq mm of filter area, ND = no fibers observed, NA = not analyzed, Walton-Beckett gradicule field area 0 00785 mm2, TWA =8 Hr TWA calculation assumes zero exposure for remainder of 8 hr period not sampled, Upper 95% Confidence limit (Employers Compliance Test)- Calculated as a one sided UCL to determine 95% certainty of compliance with the 0 01 fiber/cc standard, Estimated relative standard deviation Intralab Sr=0 405, Interlab Sr=0 45, New York samples (NYSDOH ELAP Lab # 11480), National Institute of Standards and Technology Accred tat on requirements mand ate th t this report must not be reproduced except in full w thout the approv al of the laboratory AIHA # 102843

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