NYC-WTC_000417630

NYC 9/11 Public Portal Document

**R**enata **C**onsulting **S**ervices, Inc.
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# Certificate of Analysis

Client: Riverpoint, Inc
Client #: 101171

Project Location: WTC, NYC
Work Area: N/A

Analysis Date: November 14, 2001
RCS Project # 139

## PCM Air Sample Analysis Summary

| Lab ID | Client ID | Sample Description | Date Collected | Flow Rate [liters/min.] | Duration [minutes] | Volume [liters] | Fibers | Fields | Density [Fiber/mm$^2$] | Fiber Conc. [Fiber/cc] | LOD [Fiber/cc] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3408 | 011114 | Park Place and Church | 11/14/01 | 14.30 | 45 | 643.5 | 8.50 | 100 | 10.83 | 0.006 | 0.004 |
| 3409 | 021114 | Park Place and Greenwich | 11/14/01 | 15.00 | 45 | 675.0 | 11.00 | 100 | 14.01 | 0.008 | 0.004 |
| 3410 | 031114 | Murray and Church | 11/14/01 | 14.30 | 45 | 643.5 | 5.00 | 100 | 6.37 | <LOD | 0.004 |
| 3411 | 041114 | Murray and Greenwich | 11/14/01 | 14.40 | 45 | 648.0 | 10.00 | 100 | 12.74 | 0.008 | 0.004 |
| 3412 | 051114 | Fulton and Church | 11/14/01 | 15.00 | 45 | 675.0 | 7.50 | 100 | 9.55 | 0.005 | 0.004 |
| 3415 | 061114 | Warren and North End | 11/14/01 | 14.60 | 45 | 657.0 | 3.00 | 100 | 3.82 | <LOD | 0.004 |
| 3416 | 071114 | West Street and Warren | 11/14/01 | 14.30 | 45 | 643.5 | 6.00 | 100 | 7.64 | 0.005 | 0.004 |
| 3422 | 081114 | Gateway Plaza | 11/14/01 | 15.00 | 45 | 675.0 | 4.00 | 100 | 5.10 | <LOD | 0.004 |
| 3423 | 091114 | South End Avenue and Albany | 11/14/01 | 15.00 | 45 | 675.0 | 3.00 | 100 | 3.82 | <LOD | 0.004 |
| 3424 | 101114 | West and Albany | 11/14/01 | 14.90 | 45 | 670.5 | 2.00 | 100 | 2.55 | <LOD | 0.004 |
| 3425 | 111114 | Rector Place by park | 11/14/01 | 15.00 | 45 | 675.0 | 2.00 | 100 | 2.55 | <LOD | 0.004 |
| 3426 | 121114 | 3rd Place and West End and Waterside | 11/14/01 | 15.00 | 45 | 675.0 | 1.00 | 100 | 1.27 | <LOD | 0.004 |
| 3427 | 131114 | West end of West Thames | 11/14/01 | 15.00 | 45 | 675.0 | 5.00 | 100 | 6.37 | <LOD | 0.004 |
| 3417 | 141114 | Park Place and River Terrace | 11/14/01 | 14.60 | 45 | 657.0 | 2.00 | 100 | 2.55 | <LOD | 0.004 |
| 3418 | 151114 | River Terrace and Chambers | 11/14/01 | 14.30 | 45 | 643.5 | 2.00 | 100 | 2.55 | <LOD | 0.004 |
| 3419 | 161114 | River Terrace and Warren | 11/14/01 | 14.60 | 45 | 657.0 | 6.00 | 100 | 7.64 | 0.004 | 0.004 |
| 3420 | 171114 | North End and Park Place | 11/14/01 | 14.30 | 45 | 643.5 | 4.50 | 100 | 5.73 | <LOD | 0.004 |
| 3421 | 181114 | Vesey and River Terrace | 11/14/01 | 14.60 | 45 | 657.0 | 1.50 | 100 | 1.91 | <LOD | 0.004 |
| 3413 | 191114 | Trinity Place and Thames | 11/14/01 | 15.00 | 45 | 675.0 | 6.00 | 100 | 7.64 | 0.004 | 0.004 |
| 3414 | 201114 | Vesey and West Broadway | 11/14/01 | 14.80 | 45 | 666.0 | 11.00 | 100 | 14.01 | 0.008 | 0.004 |
| 3428 | FB1 | Field Blank 1 | 11/14/01 | 0.00 | 0 | 0.0 | 0.00 | 100 | 0.00 | N/A | N/A |
| 3429 | FB2 | Field Blank 2 | 11/14/01 | 0.00 | 0 | 0.0 | 0.00 | 100 | 0.00 | N/A | N/A |

ELAP ID No. 11750 Expires 12:01 AM, April 1, 2002 Analysis Method: Phase Contrast Microscopy, NIOSH Method 7400
Limit of Quantitation (LOQ) = 102 [Fiber/mm$^2$]
Limit of Detection (LOD) = 7 [Fiber/mm$^2$]

Analysis Performed By:

Marek Pawlik
Laboratory Director

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