

Riverpoint, Inc.

7 Hillside Avenue, Suite 100 • New Rochelle • New York 10801-1608

(014) 632-1552 Telephone

(014) 632-1558 Facsimile

PCM Air Sample Analysis and Calibration Form

Job Number: 101171

F = Final Clearance

Page 1 of 6

Job Name: WTC PCM

P = Pre-Abatement

Date: 12-30-01

Work Area: N/A

I = Inside Work Area

Field Technician: Boron Grzegorz

Contractor: N/A

O = Outside Work Area

Project Manager: B. Elvenaes

Shift Hours: N/A

A = Ambient, Outside Building

Number of Workers: N/A

Sample Number	Location and Activity	Sample Type	Pump Number	Initial Flow Rate (lpm)	Final Flow Rate (lpm)	Average Flow Rate (lpm)	Time On	Time Off	Total Time (Minutes)	Total Volume (liters)	Filter % C	
											Limit of Detection	NIOSH 7400
01 12 30	Park Pl / Church	A	G-29	15	14.6	14.8	08:05	08:50	45	666	0.005	0.007
02 12 30	Park Pl / Greenwich	A	G-29	15	14.6	14.8	11:20	12:05	45	666	0.005	< LOD
03 12 30	Murray / Church	A	G-29	15	14.6	14.8	03:52	04:37	45	666	0.005	0.005
04 12 30	Murray / Greenwich	A	G-29	15	14.6	14.8	12:15	13:00	45	666	0.005	0.005
05 12 30	Fulton / Church	A	G-29	15	14.6	14.8	07:14	07:59	45	666	0.005	< LOD

Calibration Method: Rotameter

Signature: Boron Grzegorz

Chain of Custody

Released by: <u>BORON</u>	Date: <u>12-30-01</u>	Accepted by: <u>P. C. Diller</u>	Date: <u>12/30/01</u>
Signature: <u>Gregor Boron</u>	Time: <u>15:00</u>	Signature: <u>P.</u>	Time: <u>2:45 P</u>
Released by: <u> </u>	Date: <u> </u>	Accepted by: <u> </u>	Date: <u> </u>
Signature: <u> </u>	Time: <u> </u>	Signature: <u> </u>	Time: <u> </u>
Released by: <u> </u>	Date: <u> </u>	Accepted by: <u> </u>	Date: <u> </u>
Signature: <u> </u>	Time: <u> </u>	Signature: <u> </u>	Time: <u> </u>

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Date: 12-30-2001

Field Technician: A. NIEROBIN

Project Manager: B. Elvenaes

Number of Workers: N/A

Sample Number	Location and Activity	Sample Type	Pump Number	Initial Flow Rate (l/min)	Final Flow Rate (l/min)	Average Flow Rate (l/min)	Time On	Time Off	Total Time (Minutes)	Total Volume (liters)	Filter %	NIOSH 7400
06-12-30	NORTH END / WARREN	A	103	14.6	14.6	14.6	0809	0854	45	657.0	0.005	1.200
07-12-30	WEST ST / WARREN	A	102	14.6	13.4	14.0	0905	0950	45	630.0	0.005	0.005

Calibration Method: Rotameter

Signature: A. Nierobin

Chain of Custody

Released by: <u>A. Nierobin</u>	Date: <u>12-30-2001</u>	Accepted by: <u>J. Carter</u>	Date: <u>12/30/01</u>
Signature: <u>A. Nierobin</u>	Time: <u>15:00</u>	Signature: <u>J.</u>	Time: <u>2:45 P-</u>
Released by: _____	Date: _____	Accepted by: _____	Date: _____
Signature: _____	Time: _____	Signature: _____	Time: _____
Released by: _____	Date: _____	Accepted by: _____	Date: _____
Signature: _____	Time: _____	Signature: _____	Time: _____

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Date: 12/30/01

Field Technician: Vladimir Pankov

Project Manager: B. Elvenaes

Number of Workers: N/A

Sample Number	Location and Activity	Sample Type	Pump Number	Initial Flow Rate (lpm)	Final Flow Rate (lpm)	Average Flow Rate (lpm)	Time On	Time Off	Total Time (Minutes)	Total Volume (liters)	Filter %	NIOSH 7400
08 12:30	Gateway Plaza	A	101	14.7	14.7	14.7	9:20	10:05	45	661.5	0.005	< LOD
09 12:30	South End Albany	A	101	14.7	14.2	14.45	8:29	9:14	45	650.3	0.005	< LOD
10 12:30	West St / Albany	A	101	14.7	14.7	14.7	7:40	8:25	45	661.5	0.005	< LOD
11 12:30	River Plaza bldg	A	101	14.7	14.2	14.45	11:52	12:37	45	650.3	0.005	< LOD
12 12:30	Ft. Pl. / South End	A	101	14.7	14.7	14.7	10:10	10:55	45	661.5	0.005	< LOD
13 12:30	West End of W. Thames	A	101	14.7	14.7	14.7	10:59	11:44	45	661.5	0.005	< LOD

Calibration Method: Rotameter

Signature: Vladimir Pankov

Chain of Custody

Released by: <u>Mad</u>	Date: <u>12/30/01</u>	Accepted by: <u>J. C. Miller</u>	Date: <u>12/30/01</u>
Signature: <u>Vladimir Pankov</u>	Time: <u>15:00</u>	Signature: <u>J. C. Miller</u>	Time: <u>2:30 P</u>
Released by: _____	Date: _____	Accepted by: _____	Date: _____
Signature: _____	Time: _____	Signature: _____	Time: _____
Released by: _____	Date: _____	Accepted by: _____	Date: _____
Signature: _____	Time: _____	Signature: _____	Time: _____

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Date: 12-30-2001

Field Technician: A. NERDORF

Project Manager: B. Elvenaes

Number of Workers: N/A

Sample Number	Location and Activity	Sample Type	Pump Number	Initial Flow Rate (l/min)	Final Flow Rate (l/min)	Average Flow Rate (l/min)	Time On	Time Off	Total Time (Minutes)	Total Volume (liters)	Filter %	Unit of Detection	NIOSH 7400
14-12-30	RIVER TER / PARK R	A	102	14.6	14.6	14.6	0958	1043	45	657.0	0.005	<LOD	
15-12-30	RIVER TER / CHAMBER	A	102	14.6	14.6	14.6	1142	1227	45	657.0	0.005	<LOD	
16-12-30	RIVER TER / WARREN	A	102	14.6	14.6	14.6	1048	1133	45	657.0	0.005	<LOD	
17-12-30	NORTH END, PARK R	A	102	14.6	14.6	14.6	1236	1321	45	657.0	0.005	<LOD	
18-12-30	RIVER TER / VEREY	A	103	14.6	14.0	14.3	0715	0800	45	643.5	0.005	<LOD	

Calibration Method: Rotameter

Signature: A. Nerdorf

Chain of Custody

Released by: <u>A. Nerdorf</u>	Date: <u>12-30-2001</u>	Accepted by: <u>P. Calder</u>	Date: <u>12/30/01</u>
Signature: <u>A. Nerdorf</u>	Time: <u>15:00</u>	Signature: <u>P. Calder</u>	Time: <u>2:45 PM</u>
Released by: _____	Date: _____	Accepted by: _____	Date: _____
Signature: _____	Time: _____	Signature: _____	Time: _____
Released by: _____	Date: _____	Accepted by: _____	Date: _____
Signature: _____	Time: _____	Signature: _____	Time: _____

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Page 5 of 6
 Date: 12.30.01
 Field Technician: Vladimir Pankov
 Project Manager: B. Elvenaes
 Number of Workers: N/A

Sample Number	Location and Activity	Sample Type	Pump Number	Initial Flow Rate(l/m)	Final Flow Rate(l/m)	Average Flow Rate(l/m)	Time On	Time Off	Total Time (Minutes)	Total Volume (liters)	Filter %c	Unit of Detection	NIOSH 7400
191230	Brady Pl/Thames st	A	101	14.7	14.2	14.45	6:45	7:30	45	650.3	0.005	< LOD	

Calibration Method: Rotameter

Signature: Vladimir Pankov

Chain of Custody

Released by: <u>Vlad</u>	Date: <u>12.30.01</u>	Accepted by: <u>J. Carter</u>	Date: <u>12/30/01</u>
Signature: <u>Vladimir Pankov</u>	Time: <u>12:00</u>	Signature: <u>J.</u>	Time: <u>2:45 P</u>
Released by: _____	Date: _____	Accepted by: _____	Date: _____
Signature: _____	Time: _____	Signature: _____	Time: _____
Released by: _____	Date: _____	Accepted by: _____	Date: _____
Signature: _____	Time: _____	Signature: _____	Time: _____

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Page 6 of 6

Date: 12-30-01

Field Technician: Boron Grzegorz

Project Manager: R. Elvenaes

Number of Workers: N/A

Sample Number	Location and Activity	Sample Type	Pump Number	Initial Flow Rate (l/min)	Final Flow Rate (l/min)	Average Flow Rate (l/min)	Time On	Time Off	Total Time (Minutes)	Total Volume (liters)	Filter %	NIOSH 7400
20	12:30 Vesey/W Broadway	A	G-29	15	14.6	14.8	09:55	10:40	45	666	0.005	0.005
21	12:30 Field Blank	F/B										
22	12:30 Field Blank	F/B										

Calibration Method: Rotameter

Signature: Boron Grzegorz

Chain of Custody

Released by: <u>G. BORON</u>	Date: <u>12-30-01</u>	Accepted by: <u>P. Corder</u>	Date: <u>12/30/01</u>
Signature: <u>Grzegorz Boron</u>	Time: _____	Signature: <u>P.</u>	Time: <u>2:45 P</u>
Released by: _____	Date: _____	Accepted by: _____	Date: _____
Signature: _____	Time: _____	Signature: _____	Time: _____
Released by: _____	Date: _____	Accepted by: _____	Date: _____
Signature: _____	Time: _____	Signature: _____	Time: _____