NYC 9/11 Public Portal Document

PAGE 02/17
PSC ANALYTICAL SVS. 5109219667
01/06/2003 13:34
CITY_21MC100_000261829

PSC Analytical Services
4418 Pottsville Pike
Reading, PA 19605
phone: (610) 921-8833
fax: (610) 921-9667 or 921-8407

CHAIN OF CUSTODY

PSC Work Order # RW20830 1
Page 1 of 1

JOB ID: 15-19125-0297

Report Results To:	PO #	Quote #
	Name	James Cohn
	Company	ATC
	Mailing Address	104 E 25th St.
	City	NY State NY ZIP 10010
	Telephone # 212-353-8250	Fax # — — 8206
Submit Invoice To:	Name	
	Company	SAME
	Mailing Address	
	City	State ZIP
	Telephone #	Fax #
	Credit Card Info (include exp. date)	

Sampled by: WAGDI/TENZIN Sampling Location (Specify State): NY
Due Date: (Rush TAT requires Lab approval)

REPORTING REQUIREMENTS (Circle all that apply)
Full Data Package Reduced Deliverables Package Electronic Data Deliverables
UST NPDES MIPP RCRA Stormwater DEP (PWS #)

ANALYSIS REQUESTED
Use attachments if necessary.
Please specify method requirements.

Hydrocarbon Scan 16FC(AIR)

Preservatives Key:
A = Ascorbic Acid
C = HCl N2 = NaS2O3
H = HNO3 S = H2SO4
I = Ice Z = ZnAcetate
N = NaOH X = None
O = Other:

ITEM #	SAMPLE DESCRIPTION (ID must match container labels)	Final Air Volume (L or min)	Matrix Type	Sampling Info Date	Sampling Info Time		Container Number(s)
1	ATC-1227-89M-VOC1	120	Charcoal	12/27/02	10 hrs	✓	Playground North
2	ATC-1227-89M-VOC2	120	↓	↓	10 hrs	✓	" South
3	ATC-1227-89M-VOC3	120			10 hrs	✓	Hallway outside cafeteria
4	ATC-1227-89M-VOC4	120			10 hrs	✓	Roof
5	ATC-1227-89M-VOC5	BLANK	↓	↓		✓	
6							
7							
8							
9							
10							

(1) Relinquished by: Tenzin	Date 12/20/02	Time	(2) Received by:	Date	Time	(3) Relinquished by:	Date	Time
(4) Received by:	Date	Time	(5) Relinquished by:	Date	Time	(6) Received at Lab: TMH	Date 1/3/03	Time 9:45

Method of Delivery: UPS FED-EX PAS Courier Client US Mail Other

NYC-WTC_000340832

NYC 9/11 Public Portal Document

PSC ANALYTICAL SERVICES
4412 Pottsville Pike Reading, PA 19605
(Tel) 610-521-3333 (Fax) 610-521-3367

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

•EPA PA-00136 •NY DOH/NELAC 10909 •NJ DEP PA020
•AIHA ACCREDITATION NO. 100459 •PA DEP 06-353 •CT DPH PH-0238
•NC DENR 599

Certificate of Analytical Results for ATC Associates

WorkOrder: R02120820

Client Reference: 15-19125-0297

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: ATC-1227-89M-VOC1	**Lab ID:** -01A	**Date Sampled:** 12/27/200	**Matrix:** Charcoal		**Air Vol.(L):** 120		
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	OSHA 7	01/03/2003	JLS
1,2-Dichloroethane	<20	<0.17	<0.041	20	OSHA 7	01/03/2003	JLS
A Hydrocarbons, Total	<20	<0.17	<0.047	20	OSHA 7	01/03/2003	JLS
Acetone	<20	<0.17	<0.070	20	OSHA 7	01/03/2003	JLS
B Hydrocarbons, Total	<20	<0.17	<0.044	20	OSHA 7	01/03/2003	JLS
Benzene	<20	<0.17	<0.052	20	OSHA 7	01/03/2003	JLS
Chlorobenzene	<20	<0.17	<0.036	20	OSHA 7	01/03/2003	JLS
Chloroform	<20	<0.17	<0.034	20	OSHA 7	01/03/2003	JLS
Ethylbenzene	<20	<0.17	<0.038	20	OSHA 7	01/03/2003	JLS
Hexane	<20	<0.17	<0.047	20	OSHA 7	01/03/2003	JLS
Isopropylbenzene	<20	<0.17	<0.034	20	OSHA 7	01/03/2003	JLS
Methylene Chloride	<20	<0.17	<0.048	20	OSHA 7	01/03/2003	JLS
Pentane	<20	<0.17	<0.056	20	OSHA 7	01/03/2003	JLS
Styrene	<20	<0.17	<0.039	20	OSHA 7	01/03/2003	JLS
Tetrachloroethene	<20	<0.17	<0.025	20	OSHA 7	01/03/2003	JLS
Toluene	<20	<0.17	<0.044	20	OSHA 7	01/03/2003	JLS
Trichloroethene	<20	<0.17	<0.031	20	OSHA 7	01/03/2003	JLS
Xylenes, Total	<20	<0.17	<0.038	20	OSHA 7	01/03/2003	JLS

CITY_21MC100_009261830

NYC-WTC_000340833

NYC 9/11 Public Portal Document

PSC ANALYTICAL SERVICES
4419 Pottsville Pike Reading, PA 19605
(Tel) 610-521-2333 (Fax) 610-521-2667

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

•EPA PA-00136 •NY DOH/NELAC 10909 •NJ DEP PA020
•AIHA ACCREDITATION NO. 100439 •PA DEP 06-353 •CT DPH PH-0238
•NC DENR 599

Certificate of Analytical Results for ATC Associates

WorkOrder: R02120820

Client Reference: 15-19125-0297

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: ATC-1227-89M-VOC2	**Lab ID:** -02A	**Date Sampled:** 12/27/200	**Matrix:** Charcoal		**Air Vol.(L):** 120		
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	OSHA 7	01/03/2003	JLS
1,2-Dichloroethane	<20	<0.17	<0.041	20	OSHA 7	01/03/2003	JLS
A Hydrocarbons, Total	<20	<0.17	<0.047	20	OSHA 7	01/03/2003	JLS
Acetone	<20	<0.17	<0.070	20	OSHA 7	01/03/2003	JLS
B Hydrocarbons, Total	<20	<0.17	<0.044	20	OSHA 7	01/03/2003	JLS
Benzene	<20	<0.17	<0.052	20	OSHA 7	01/03/2003	JLS
Chlorobenzene	<20	<0.17	<0.036	20	OSHA 7	01/03/2003	JLS
Chloroform	<20	<0.17	<0.034	20	OSHA 7	01/03/2003	JLS
Ethylbenzene	<20	<0.17	<0.038	20	OSHA 7	01/03/2003	JLS
Hexane	<20	<0.17	<0.047	20	OSHA 7	01/03/2003	JLS
Isopropylbenzene	<20	<0.17	<0.034	20	OSHA 7	01/03/2003	JLS
Methylene Chloride	<20	<0.17	<0.048	20	OSHA 7	01/03/2003	JLS
Pentane	<20	<0.17	<0.056	20	OSHA 7	01/03/2003	JLS
Styrene	<20	<0.17	<0.039	20	OSHA 7	01/03/2003	JLS
Tetrachloroethene	<20	<0.17	<0.025	20	OSHA 7	01/03/2003	JLS
Toluene	<20	<0.17	<0.044	20	OSHA 7	01/03/2003	JLS
Trichloroethene	<20	<0.17	<0.031	20	OSHA 7	01/03/2003	JLS
Xylenes, Total	<20	<0.17	<0.038	20	OSHA 7	01/03/2003	JLS

CITY_21MC100_009261831

NYC-WTC_000340834

NYC 9/11 Public Portal Document

PSC ANALYTICAL SERVICES
4419 Pottsville Pike Reading, PA 19605
(Tel) 610-521-3333 (Fax) 610-521-3667

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

•EPA PA-00136 •NY DOH/NELAC 10903 •NJ DEP PA020
•AIHA ACCREDITATION NO. 100439 •PA DEP 05-333 •CT DPH PH-0238
•NC DENR 599

Certificate of Analytical Results
for
ATC Associates

WorkOrder: R02120820
Client Reference: 15-19125-0297

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst
Client ID: ATC-1227-89M-VOC3	**Lab ID:** -03A	**Date Sampled:** 12/27/200		**Matrix:** Charcoal		**Air Vol.(L):** 120
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	OSHA 7	01/03/2003 JLS
1,2-Dichloroethane	<20	<0.17	<0.041	20	OSHA 7	01/03/2003 JLS
A Hydrocarbons, Total	21	0.18	0.050	20	OSHA 7	01/03/2003 JLS
Acetone	<20	<0.17	<0.070	20	OSHA 7	01/03/2003 JLS
B Hydrocarbons, Total	<20	<0.17	<0.044	20	OSHA 7	01/03/2003 JLS
Benzene	<20	<0.17	<0.052	20	OSHA 7	01/03/2003 JLS
Chlorobenzene	<20	<0.17	<0.036	20	OSHA 7	01/03/2003 JLS
Chloroform	<20	<0.17	<0.034	20	OSHA 7	01/03/2003 JLS
Ethylbenzene	<20	<0.17	<0.038	20	OSHA 7	01/03/2003 JLS
Hexane	<20	<0.17	<0.047	20	OSHA 7	01/03/2003 JLS
Isopropylbenzene	<20	<0.17	<0.034	20	OSHA 7	01/03/2003 JLS
Methylene Chloride	<20	<0.17	<0.048	20	OSHA 7	01/03/2003 JLS
Pentane	<20	<0.17	<0.056	20	OSHA 7	01/03/2003 JLS
Styrene	<20	<0.17	<0.039	20	OSHA 7	01/03/2003 JLS
Tetrachloroethene	<20	<0.17	<0.025	20	OSHA 7	01/03/2003 JLS
Toluene	<20	<0.17	<0.044	20	OSHA 7	01/03/2003 JLS
Trichloroethene	<20	<0.17	<0.031	20	OSHA 7	01/03/2003 JLS
Xylenes, Total	<20	<0.17	<0.038	20	OSHA 7	01/03/2003 JLS

CITY_21MC100_009261832

NYC-WTC_000340835

NYC 9/11 Public Portal Document

ANALYTICAL SERVICES
4411 Pottsville Pike Reading, PA 19605
(Tel) 610-521-2333 (Fax) 610-521-2267

INDUSTRIAL HYGIENE | ENVIRONMENTAL TESTING

•EPA PA-00136 •NY DOH/NELAC 10903 •NJ DEP PA020
•AIHA ACCREDITATION NO. 100459 •PA DEP 06-355 •CT DPH PH-0238
•NC DENR 599

Certificate of Analytical Results
for
ATC Associates

WorkOrder: R02120820
Client Reference: 15-19125-0297

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: ATC-1227-89M-VOC4	**Lab ID:** -04A	**Date Sampled:** 12/27/200		**Matrix:** Charcoal		**Air Vol.(L):** 120	
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	OSHA 7	01/03/2003	JLS
1,2-Dichloroethane	<20	<0.17	<0.041	20	OSHA 7	01/03/2003	JLS
A Hydrocarbons, Total	<20	<0.17	<0.047	20	OSHA 7	01/03/2003	JLS
Acetone	<20	<0.17	<0.070	20	OSHA 7	01/03/2003	JLS
B Hydrocarbons, Total	<20	<0.17	<0.044	20	OSHA 7	01/03/2003	JLS
Benzene	<20	<0.17	<0.052	20	OSHA 7	01/03/2003	JLS
Chlorobenzene	<20	<0.17	<0.036	20	OSHA 7	01/03/2003	JLS
Chloroform	<20	<0.17	<0.034	20	OSHA 7	01/03/2003	JLS
Ethylbenzene	<20	<0.17	<0.038	20	OSHA 7	01/03/2003	JLS
Hexane	<20	<0.17	<0.047	20	OSHA 7	01/03/2003	JLS
Isopropylbenzene	<20	<0.17	<0.034	20	OSHA 7	01/03/2003	JLS
Methylene Chloride	<20	<0.17	<0.048	20	OSHA 7	01/03/2003	JLS
Pentane	<20	<0.17	<0.056	20	OSHA 7	01/03/2003	JLS
Styrene	<20	<0.17	<0.039	20	OSHA 7	01/03/2003	JLS
Tetrachloroethene	<20	<0.17	<0.025	20	OSHA 7	01/03/2003	JLS
Toluene	<20	<0.17	<0.044	20	OSHA 7	01/03/2003	JLS
Trichloroethene	<20	<0.17	<0.031	20	OSHA 7	01/03/2003	JLS
Xylenes, Total	<20	<0.17	<0.038	20	OSHA 7	01/03/2003	JLS

CITY_21MC100_009261833

NYC-WTC_000340836

NYC 9/11 Public Portal Document

PSC ANALYTICAL SERVICES
4415 Pottsville Pike Reading, PA 19605
(Tel) 610-921-8833 (Fax) 610-921-8657

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

•EPA PA-00136 •NY DOH/NELAC 10903 •NJ DEP PA020
•AIHA ACCREDITATION NO. 100439 •PA DEP 06-353 •CT DPH PH-0238
•NC DENR 599

Certificate of Analytical Results for ATC Associates

WorkOrder: R02120820
Client Reference: 15-19125-0297

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst
Client ID: ATC-1227-89M-VOC5	**Lab ID:** -05A	**Date Sampled:** 12/27/200		**Matrix:** Charcoal		**Air Vol.(L):** NA
1,1,1-Trichloroethane	<20	--	--	20	OSHA 7	01/03/2003 JLS
1,2-Dichloroethane	<20	--	--	20	OSHA 7	01/03/2003 JLS
A Hydrocarbons, Total	<20	--	--	20	OSHA 7	01/03/2003 JLS
Acetone	<20	--	--	20	OSHA 7	01/03/2003 JLS
B Hydrocarbons, Total	<20	--	--	20	OSHA 7	01/03/2003 JLS
Benzene	<20	--	--	20	OSHA 7	01/03/2003 JLS
Chlorobenzene	<20	--	--	20	OSHA 7	01/03/2003 JLS
Chloroform	<20	--	--	20	OSHA 7	01/03/2003 JLS
Ethylbenzene	<20	--	--	20	OSHA 7	01/03/2003 JLS
Hexane	<20	--	--	20	OSHA 7	01/03/2003 JLS
Isopropylbenzene	<20	--	--	20	OSHA 7	01/03/2003 JLS
Methylene Chloride	<20	--	--	20	OSHA 7	01/03/2003 JLS
Pentane	<20	--	--	20	OSHA 7	01/03/2003 JLS
Styrene	<20	--	--	20	OSHA 7	01/03/2003 JLS
Tetrachloroethene	<20	--	--	20	OSHA 7	01/03/2003 JLS
Toluene	<20	--	--	20	OSHA 7	01/03/2003 JLS
Trichloroethene	<20	--	--	20	OSHA 7	01/03/2003 JLS
Xylenes, Total	<20	--	--	20	OSHA 7	01/03/2003 JLS

General Notes:
<: Less than the indicated limit of detection (LOD).
--: Information not available or not applicable.
Concentrations are calculated based on air volumes provided by the client

CITY_21MC100_009261834

NYC-WTC_000340837