NYC 9/11 Public Portal Document

PSC ANALYTICAL SERVICES

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

- EPA/NVLAP 101262-0
- AIHA ACCREDITATION NO. 100439
- NC DENR 599
- NY DOH/NELAC 10903
- PA DEP 06-353
- NJ DEP PA020
- CT DPH PH-0238

Analytical Results
for
ATC Associates

WorkOrder: R02030814
Client Reference: 19125-0297

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: M1 ATC-0314-89M Playground north **Lab ID:** -01A **Date Sampled:** 3/14/02 **Matrix:** Filter **Air Vol.(L):** 1200							
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	03/24/2002	TH
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	03/24/2002	TH
Chromium	0.572	0.000477	--	0.2	N7300 MCE	03/24/2002	TH
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	03/24/2002	TH
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	03/24/2002	TH
Iron	<2.00	<0.00167	--	2	N7300 MCE	03/24/2002	TH
Lead	0.300	0.000250	--	0.3	N7300 MCE	03/24/2002	TH
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	03/24/2002	TH
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	03/24/2002	TH
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	03/24/2002	TH
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	03/24/2002	TH
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	03/24/2002	TH
Client ID: M2 ATC-0314-89M Playground south **Lab ID:** -02A **Date Sampled:** 3/14/02 **Matrix:** Filter **Air Vol.(L):** 1200							
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	03/24/2002	TH
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	03/24/2002	TH
Chromium	0.652	0.000544	--	0.2	N7300 MCE	03/24/2002	TH
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	03/24/2002	TH
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	03/24/2002	TH
Iron	<2.00	<0.00167	--	2	N7300 MCE	03/24/2002	TH
Lead	<0.300	<0.000250	--	0.3	N7300 MCE	03/24/2002	TH
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	03/24/2002	TH
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	03/24/2002	TH
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	03/24/2002	TH
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	03/24/2002	TH
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	03/24/2002	TH

CITY_21MC100_002899770

NYC-WTC_000228292

NYC 9/11 Public Portal Document

PSC ANALYTICAL SERVICES

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

• EPA/NVLAP 101262-0 • NY DOH/NELAC 10903 • NJ DEP PA020
• AIHA ACCREDITATION NO. 100439 • PA DEP 06-353 • CT DPH PH-0336
• NC DENR 599

Analytical Results
for
ATC Associates

WorkOrder: R02030814
Client Reference: 19125-0297

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: M3 ATC-0314-89M Hallway outside elevator **Lab ID:** -03A	**Date Sampled:** 3/14/02			**Matrix:** Filter		Air Vol.(L): 1200	
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	03/25/2002	TH
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	03/25/2002	TH
Chromium	0.552	0.000460	--	0.2	N7300 MCE	03/25/2002	TH
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	03/25/2002	TH
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	03/25/2002	TH
Iron	<2.00	<0.00167	--	2	N7300 MCE	03/25/2002	TH
Lead	0.357	0.000298	--	0.3	N7300 MCE	03/25/2002	TH
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	03/25/2002	TH
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	03/25/2002	TH
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	03/25/2002	TH
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	03/25/2002	TH
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	03/25/2002	TH
Client ID: M4 ATC-0314-89M Roof **Lab ID:** -04A	**Date Sampled:** 3/14/02			**Matrix:** Filter		Air Vol.(L): 1200	
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	03/25/2002	TH
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	03/25/2002	TH
Chromium	0.656	0.000547	--	0.2	N7300 MCE	03/25/2002	TH
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	03/25/2002	TH
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	03/25/2002	TH
Iron	<2.00	<0.00167	--	2	N7300 MCE	03/25/2002	TH
Lead	0.308	0.000256	--	0.3	N7300 MCE	03/25/2002	TH
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	03/25/2002	TH
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	03/25/2002	TH
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	03/25/2002	TH
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	03/25/2002	TH
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	03/25/2002	TH

CITY_21MC100_002899771

NYC-WTC_000228293

NYC 9/11 Public Portal Document

PSC ANALYTICAL SERVICES

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

• EPA/NVLAP 101262-0 • NY DOH/NELAC 10903 • NJ DEP PA020
• AIHA ACCREDITATION NO. 100439 • PA DEP 08-353 • CT DPH PH-0238
• NC DENR 599

Analytical Results
for
ATC Associates

WorkOrder: R02030814
Client Reference: 19125-0297

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: M5 ATC-0314-89M Blank	Lab ID: -05A	Date Sampled: 3/14/02		Matrix: Filter		Air Vol.(L): NA	
Aluminum	<1.00	--	--	1	N7300 MCE	03/25/2002	TH
Cadmium	<0.200	--	--	0.2	N7300 MCE	03/25/2002	TH
Chromium	0.817	--	--	0.2	N7300 MCE	03/25/2002	TH
Cobalt	<0.100	--	--	0.1	N7300 MCE	03/25/2002	TH
Copper	<0.200	--	--	0.2	N7300 MCE	03/25/2002	TH
Iron	<2.00	--	--	2	N7300 MCE	03/25/2002	TH
Lead	0.334	--	--	0.3	N7300 MCE	03/25/2002	TH
Magnesium	<1.30	--	--	1.3	N7300 MCE	03/25/2002	TH
Manganese	<0.300	--	--	0.3	N7300 MCE	03/25/2002	TH
Molybdenum	<1.00	--	--	1	N7300 MCE	03/25/2002	TH
Nickel	<0.200	--	--	0.2	N7300 MCE	03/25/2002	TH
Zinc	<0.500	--	--	0.5	N7300 MCE	03/25/2002	TH
Client ID: VOA ATC-0314-89M	Lab ID: -06A	Date Sampled: 3/14/02		Matrix: Charcoal		Air Vol.(L): 120	
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	03/20/2002	JMM
1,2-Dichloroethane	<20	<0.17	<0.041	20	Total Hydrocarbon Sc	03/20/2002	JMM
Aliphatic Hydrocarbons, Total	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	03/20/2002	JMM
Acetone	140	1.2	0.50	20	Total Hydrocarbon Sc	03/20/2002	JMM
Aromatic Hydrocarbons, Total	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	03/20/2002	JMM
Benzene	<20	<0.17	<0.052	20	Total Hydrocarbon Sc	03/20/2002	JMM
Chlorobenzene	<20	<0.17	<0.036	20	Total Hydrocarbon Sc	03/20/2002	JMM
Chloroform	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	03/20/2002	JMM
Ethylbenzene	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	03/20/2002	JMM
Hexane	40	0.33	0.095	20	Total Hydrocarbon Sc	03/20/2002	JMM
Isopropylbenzene	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	03/20/2002	JMM
Methylene Chloride	<20	<0.17	<0.048	20	Total Hydrocarbon Sc	03/20/2002	JMM
Pentane	<20	<0.17	<0.056	20	Total Hydrocarbon Sc	03/20/2002	JMM
Styrene	<20	<0.17	<0.039	20	Total Hydrocarbon Sc	03/20/2002	JMM
Tetrachloroethene	<20	<0.17	<0.025	20	Total Hydrocarbon Sc	03/20/2002	JMM
Toluene	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	03/20/2002	JMM
Trichloroethene	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	03/20/2002	JMM
Xylenes, Total	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	03/20/2002	JMM

CITY_21MC100_002899772

NYC-WTC_000228294