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PSC ANALYTICAL SERVICES

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

• EPA/NVLAP 101262-0 • NY DOH/NELAC 10903 • NJ DEP PA020
• AIHA ACCREDITATION NO. 100439 • PA DEP 09-353 • 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: VOC1 ATC-0314-89M Playground north	**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

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• AIHA ACCREDITATION NO. 100439 • PA DEP 06-353 • 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: VOC2 ATC-0314-89M Playground south **Lab ID:** -07A	**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	<20	<0.17	<0.070	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	<20	<0.17	<0.047	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

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• AIHA ACCREDITATION NO. 100439 • PA DEP 06-363 • 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: VOC3 ATC-0314-89M Hallway outside cafeteria **Lab ID:** -08A	**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
Hydrocarbons, Total	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	03/20/2002	JMM
Acetone	<20	<0.17	<0.070	20	Total Hydrocarbon Sc	03/20/2002	JMM
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	<20	<0.17	<0.047	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

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• AIHA ACCREDITATION NO. 100439 • PA DEP 06-353 • 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: VOC4 ATC-0314-89M Roof	**Lab ID:** -09A	**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
A Hydrocarbons, Total	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	03/20/2002	JMM
Acetone	190	1.6	0.67	20	Total Hydrocarbon Sc	03/20/2002	JMM
B 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	<20	<0.17	<0.047	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, Tota	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	03/20/2002	JMM

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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-0236
• NC DENR 598

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: VOC5 ATC-0314-89M Blank	**Lab ID:** -10A	**Date Sampled:** 3/14/02			**Matrix:** Charcoal	**Air Vol.(L):** NA	
1,1,1-Trichloroethane	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
1,2-Dichloroethane	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
A Hydrocarbons, Total	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
Acetone	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
B Hydrocarbons, Total	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
Benzene	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
Chlorobenzene	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
hloroform	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
ylbenzene	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
xane	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
opropylbenzene	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
ethylene Chloride	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
ntane	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
tyrene	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
etrachloroethene	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
oluene	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
richloroethene	<20	--	--	20	Total Hydrocarbon Sc	03/20/2002	JMM
ylenes, Total	<20	--	--	20	Tota Hydrocarbon Sc	03/20/2002	JMM
Client ID: Hg1 ATC-0314-89M	**Lab ID:** -11A	**Date Sampled:** 3/14/02			**Matrix:** HTBE	**Air Vol.(L):** 120	
Mercury	0.0270	0.000225	--	0.01	N6009M	03/20/2002	JDC
ient ID: Hg2 ATC-0314-89M	**Lab ID:** -12A	**Date Sampled:** 3/14/02			**Matrix:** HTBE	**Air Vol.(L):** 120	
rcury	0.0290	0.000242	--	0.01	N6009M	03/20/2002	JDC
ient ID: Hg3 ATC-0314-89M	**Lab ID:** -13A	**Date Sampled:** 3/14/02			**Matrix:** HTBE	**Air Vol.(L):** 120	
rcury	0.0260	0.000217	--	0.01	N6009M	03/20/2002	JDC
Client ID: Hg4 ATC-0314-89M	**Lab ID:** -14A	**Date Sampled:** 3/14/02			**Matrix:** HTBE	**Air Vol.(L):** 120	
Mercury	0.0270	0.000225	--	0.01	N6009M	03/20/2002	JDC

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