

Ambient Group, Inc.
55 West 39th Street, 12th floor
New York, New York 10018

Client: Cushman & Wakefield
a/a/c Mercantile Exchange
One North End Avenue
New York, New York 101282

Project #: 211338
Project Address: One North End Avenue
Survey Date: 12/04/01

POLYNUCLEAR AROMATIC HYDROCARBON

Sample #	Location	Analyte	Concentration (µg/m ³)	Standards/Guidelines
211338-01	12 th floor/adj. to service lobby	Acenaphthene	<7.9	NIOSH REL 100 µg/m ³ OSHA PEL 200 µg/m ³
		Acenaphthylene	<7.9	
		Anthracene	<1.5	
		Benz (a) anthracene	<1.5	
		Benzo (a) pyrene	<1.5	
		Benzo (b) fluorathene	<1.5	
		Benzo (ghi) perylene	<1.5	
		Benzo (k) fluoranthene	<1.5	
		Chrysene	<1.5	
		Dibenz (a,h) anthracene	<1.5	
		Fluoranthene	<7.9	
		Flourene	<7.9	
		Indeno (1,2,3-cd) pyrene	<1.5	
		Napthalene	<7.9	
		Phenanthrene	<1.5	
		Pyrene	<1.5	

REL -- Recommended Exposure Limit
PEL - Permissible Exposure Limit (8-hour time weighted average)
NA -- Not Applicable

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POLYNUCLEAR AROMATIC HYDROCARBON

Sample #	Location	Analyte	Concentration ($\mu\text{g}/\text{m}^3$)	Standards/Guidelines
211338-02	10 th floor/outside balcony east side	Acenaphthene	<8.1	NIOSH REL 100 $\mu\text{g}/\text{m}^3$ OSHA PEL 200 $\mu\text{g}/\text{m}^3$
		Acenaphthylene	<8.1	
		Anthracene	<1.6	
		Benz (a) anthracene	<1.6	
		Benzo (a) pyrene	<1.6	
		Benzo (b) fluoranthene	<1.6	
		Benzo (ghi) perylene	<1.6	
		Benzo (k) fluoranthene	<1.6	
		Chrysene	<1.6	
		Dibenz (a,h) anthracene	<1.6	
		Fluoranthene	<8.1	
		Flourene	<8.1	
		Indeno (1,2,3-cd) pyrene	<1.6	
		Napthalene	<8.1	
		Phenanthrene	<1.6	
		Pyrene	<1.6	

REL - Recommended Exposure Limit
 PEL - Permissible Exposure Limit (8-hour time weighted average)
 NA - Not Applicable

12/07/01 FRI 18:26 [TX/RX NO 8736]

CITY_21MC100_002860941

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POLYNUCLEAR AROMATIC HYDROCARBON

Sample #	Location	Analyte	Concentration ($\mu\text{g}/\text{m}^3$)	Standards/Guidelines
211338-03	7 th floor/adj. to stair "C"	Acenaphthene	<8.1	NIOSH REL 100 $\mu\text{g}/\text{m}^3$ OSHA PEL 200 $\mu\text{g}/\text{m}^3$
		Acenaphthylene	<8.1	
		Anthracene	<1.6	
		Benz (a) anthracene	<1.6	
		Benzo (a) pyrene	<1.6	
		Benzo (b) fluoranthene	<1.6	
		Benzo (ghi) perylene	<1.6	
		Benzo (k) fluoranthene	<1.6	
		Chrysene	<1.6	
		Dibenz (a,h) anthracene	<1.6	
		Fluoranthene	<8.1	
		Flourene	<8.1	
		Indeno (1,2,3-cd) pyrene	<1.6	
		Napthalene	<8.1	
		Phenanthrene	<1.6	
		Pyrene	<1.6	

REL – Recommended Exposure Limit

PEL - Permissible Exposure Limit (8-hour time weighted average)

NA – Not Applicable

12/07/01 FRI 18:26 [TX/RX NO 8736]

CITY_21MC100_002860942

Ambient Group, Inc.
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Project Address: One North End Avenue
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POLYNUCLEAR AROMATIC HYDROCARBON

Sample #	Location	Analyte	Concentration ($\mu\text{g}/\text{m}^3$)	Standards/Guidelines
211338-04	3 rd floor/adj. to stair "D"	Acenaphthene	<10.5	NIOSH REL 100 $\mu\text{g}/\text{m}^3$ OSHA PEL 200 $\mu\text{g}/\text{m}^3$
		Acenaphthylene	<10.5	
		Anthracene	<2.0	
		Benz (a) anthracene	<2.0	
		Benzo (a) pyrene	<2.0	
		Benzo (h) fluoranthene	<2.0	
		Benzo (ghi) perylene	<2.0	
		Benzo (k) fluoranthene	<2.0	
		Chrysene	<2.0	
		Dibenz (a,h) anthracene	<2.0	
		Fluoranthene	<10.5	
		Flourene	<10.5	
		Indeno (1,2,3-cd) pyrene	<2.0	
		Napthalene	<10.5	
		Phenanthrene	<2.0	
		Pyrene	<2.0	

REL - Recommended Exposure Limit

PEL - Permissible Exposure Limit (8-hour time weighted average)

NA - Not Applicable

12/07/01 FRI 18:26 [TX/RX NO 87361]

CITY_21MC100_002860943