

World Trade Center Air Monitoring Activities by Various Entities - STATUS REPORT- December 7, 2001

Agency	SubAgency	Contact	Phone Number	E-Mail	Pollutants	Monitoring Site	Purpose	*Place- ment	Monitoring Method/ Equipment	Sampling Frequency	**S-Date	**E-Date	Data Recipients	Data Outlets
EPA	OERR-AOC	Dana Tulis	(703) 603-8993		Asbestos	Sites A thru F, H thru N, P, S, & U thru W	Ambient Air Monitoring	2M	PCM/TEM	12 hours (2x/day)	9/15/2001	ongoing	EPA, public	www.epa.gov
					Asbestos	19 landfill sites	worker protection	G		2 per day			EPA, public	www.epa.gov
EPA	ERT	Joseph Laforana	(732) 321-6740	laforana.joseph@ epa.gov	PCBs, furans, metals, speciated VOC	varies e.g. (A, B, C1, E, F, P, S, R)	Ambient Air Monitoring	2M	VOC- cannister; metals/PCB/ furans-filter	VOC-4 min. 1x/day; metals/PCB/f urans-12 hr?	9/15/2001	ongoing	EPA, public	EPA Library
					Speciated VOC	varies e.g. (A, B, C1, E, F, P, S, R)	Ambient Air Monitoring	2M	24-hr cannister	9/29/01 & 10/11-12/01	9/15/2001	ongoing	EPA, public	EPA Library
					total VOC, freon, phosgene, H2S, SO2, CO	Sites A thru F, H thru N, P, S, & U thru W	Ambient Air Monitoring	2M	direct read	2x/day	9/15/2001	ongoing	EPA, public	EPA Library
					Particulate	8 landfill sites	worker protection	G		1 per day			EPA, public	www.epa.gov
EPA	ORD	Alan Vette	(919) 541-1378	vette.alan@epa.g ov	VOC, SVOC, Metals, PM2.5, PM-10	USEPA - 290 Broadway	Ambient Air Monitoring	16 Fl.	optical CLIMET, VAPS samplers, SEM, IOGAPS, nphlometer, athlometer	daily			EPA Region 2 DESA	
					PM2.5, VOC	Sites A, C, & K	Ambient Air Monitoring	G	Nphlometer and 2 Saturation Samplers with Filters	daily			EPA Region 2 DESA	
EPA	ORD/NERL	Alan Huber	(919) 541-1338	huber.alan @epa.gov	vertical wind speed, direction, and temperature profiles; mix. height	Pier 25	meteor.	S&A	wind speed and direction tower, SODAR, mini- SODAR	continuous	11/5/2001		EPA - ORD/NERL; EPA R2 - DESA, APB	EPA Region 2 DESA
NYSDEC - EPA-R2		Casmir Czarkowski	(718) 482-6333	ctczarko@gw. dec.state.ny.us	Asbestos, PM2.5, PM10, SVOC	Park Row	Ambient Air Monitoring	R	TEOM/FRM/P S-1	24 hr - PM- 10, Hourly - PM2.5	10/1/2001		public	www.epa.gov
		Casmir Czarkowski	(718) 482-6333	ctczarko@gw. dec.state.ny.us	Asbestos, PM2.5, PM10, SVOC	BMCC - 199 Chambers Street	Ambient Air Monitoring	R	TEOM/FRM/P S-1	24 hr - PM- 10, Hourly - PM2.5	10/1/2001		public	www.epa.gov
		Casmir Czarkowski	(718) 482-6333	ctczarko@gw. dec.state.ny.us	Asbestos, PM2.5, PM10	Coast Guard Building - 1 South St., Battery Park	Ambient Air Monitoring	R	TEOM/FRM	24 hr - PM- 10, Hourly - PM2.5	10/1/2001		public	www.epa.gov
NYSDEC - EPA -R2		Casmir Czarkowski	(718) 482-6333	ctczarko@gw. dec.state.ny.us	PM2.5, PM10	Wall St. and Broad St.	Ambient Air Monitoring	R	TEOM	Daily - PM- 10, Hourly - PM2.5	11/15/2001		public	www.epa.gov

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		Casmir Czarkowski	(718) 482-6333	ctczarko@gw.dec.state.ny.us	PM2.5, PM-10	Albany St. and West St.	Ambient Air Monitoring	R	TEOM/FRM	24 hr - PM-10, Hourly - PM2.5	10/26/2001		public	www.epa.gov
		Casmir Czarkowski	(718) 482-6333	ctczarko@gw.dec.state.ny.us	Asbestos, PM2.5, CO	US Post Office - Canal Street	Ambient Air Monitoring	R	TEOM/FRM	24 hr - PM-10, Hourly - PM2.5			public	www.epa.gov
		Marcus Kantz	(732) 321-6690	kantz.marcus@epa.gov	Dioxins, Furans	Park Row	Ambient Air Monitoring	R	PS-1	72 Hours			public	www.epa.gov
		Marcus Kantz	(732) 321-6690	kantz.marcus@epa.gov	Dioxins, Furans	BMCC - 199 Chambers Street	Ambient Air Monitoring	R	PS-1	72 Hours			public	www.epa.gov
NYSDEC	BAQS	Dirk Felton	(518) 402-8508	hdfelton@gw.dec.state.ny.us	PM2.5	PS 154 - 333 East 135th Street, Bronx, NY	Ambient Air Monitoring	R	TEOM	hourly			public	www.dec.state.ny.us/website/dar/bts/airmon/index.htm
					PM2.5	IS 143 - 511 West 182nd Street, New York, NY	Ambient Air Monitoring	R	TEOM	hourly			public	www.dec.state.ny.us/website/dar/bts/airmon/index.htm
					PM2.5	PS 274 - 800 Bushwick Ave., Brooklyn, NY	Ambient Air Monitoring	R	TEOM	hourly			public	www.dec.state.ny.us/website/dar/bts/airmon/index.htm
					PM2.5	PS 44 - Maple Parkway, Staten Island, NY	Ambient Air Monitoring	R	TEOM	hourly			public	www.dec.state.ny.us/website/dar/bts/airmon/index.htm
					PM2.5	Kew Gardens	Ambient Air Monitoring	R	TEOM	hourly			public	www.dec.state.ny.us/website/dar/bts/airmon/index.htm
					PM2.5	IS 74	Ambient Air Monitoring	R	TEOM	hourly			public	www.dec.state.ny.us/website/dar/bts/airmon/index.htm
					PM2.5	Manhattanville P.O.	Ambient Air Monitoring	R	TEOM	hourly			public	www.dec.state.ny.us/website/dar/bts/airmon/index.htm
					PM2.5	Maspeth Library	Ambient Air Monitoring	R	TEOM	hourly			public	www.dec.state.ny.us/website/dar/bts/airmon/index.htm
					PM2.5	Fresh Kills	Ambient Air Monitoring	R	TEOM	hourly			public	www.dec.state.ny.us/website/dar/bts/airmon/index.htm
NYSDEC	BAQS	Dirk Felton	(518) 402-8508	hdfelton@gw.dec.state.ny.us	PM2.5	PS 64	Ambient Air Monitoring	R	TEOM	hourly			public	www.dec.state.ny.us/website/dar/bts/airmon/index.htm

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					PM2.5	PS 293	Ambient Air Monitoring	R	TEOM	hourly			public	www.dec.state.ny.us/website/dar/bts/airmon/index.htm
					PM2.5	IS 52	Ambient Air Monitoring	R	TEOM	hourly	10/1/2001		public	www.dec.state.ny.us/website/dar/bts/airmon/index.htm
					PM2.5	PS 199 - 3290 48th Ave, Queens, NY	Ambient Air Monitoring	R	TEOM	hourly			public	www.dec.state.ny.us/website/dar/bts/airmon/index.htm
NYSDOH		Ed Horn	(518) 402-7810		Speciated VOC, aldehydes, acids, TSP	140 Broadway (corner of Liberty and bwy)	Ambient Air Monitoring	G, R	EPA Method T014 - Summa Cannisters	6-8 a.m.; 2-4 p.m.; 6-8 p.m.	9/28/2001	9/28/2001		
					Speciated VOC, aldehydes, acids, TSP	Stuyvesant High School	Ambient Air Monitoring	G, R	EPA Method T014 - Summa Cannisters	6-10 a.m.; 6-10 p.m.	10/30/2001	#####		
					Speciated VOC, aldehydes, acids, TSP	Park Place at 225 Rector	Ambient Air Monitoring	G, R	EPA Method T014 - Summa Cannisters	6-8 a.m.; 2-4 p.m.; 6-8 p.m.	9/28/2001	9/28/2001		
					Speciated VOC, aldehydes, acids, TSP	75 Park Place - Corner of Greenwich and Park Place	Ambient Air Monitoring	G, R	EPA Method T014 - Summa Cannisters	6-8 a.m.; 2-4 p.m.; 6-8 p.m.	9/28/2001	9/28/2001		
NYCDEP	Asbestos Control Unit	Penny Theodorellys	(718) 595-3657		Asbestos	Stuyvesant High School at 345 Chambers Street	Ambient Air Monitoring	G	Asbestos Filter/Pump/PCM with follow up TEM	Daily	10/4/2001	current	http://www.nyc.gov/html/dep/html/airmonit.html	
					Asbestos	IS 89 On Warren Street	Ambient Air Monitoring	G	Asbestos Filter/Pump/PCM with follow up TEM	Daily	10/4/2001	current	http://www.nyc.gov/html/dep/html/airmonit.html	
					Asbestos	High School for Economics and Finance 100 Trinity Place	Ambient Air Monitoring	G	Asbestos Filter/Pump/PCM with follow up TEM	Daily	10/4/2001	current	http://www.nyc.gov/html/dep/html/airmonit.html	
NYCDEP	Asbestos Control Unit	Penny Theodorellys	(718) 595-3657		Asbestos	PS 314K 330 59th Street, Bkln	Ambient Air Monitoring	G	Asbestos Filter/Pump/PCM with follow up TEM	Daily	9/14/2001	#####	http://www.nyc.gov/html/dep/html/airmonit.html	
					Asbestos	IS 155 Jackson & E148, Bx.	Ambient Air Monitoring	G	Asbestos Filter/Pump/PCM with follow up TEM	Daily	9/14/2001	#####	http://www.nyc.gov/html/dep/html/airmonit.html	

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					Asbestos	PS 64 600 E 6th Street, Mnh	Ambient Air Monitoring	G	Asbestos Filter/Pump/P CM with follow up TEM	Daily	9/14/2001	#####	http://www.nyc.gov/html/dep/html/airmonit.html	
					Asbestos	Susan Wagner H S. 1200 Manor Road, SI	Ambient Air Monitoring	G	Asbestos Filter/Pump/P CM with follow up TEM	Daily	9/14/2001	#####	http://www.nyc.gov/html/dep/html/airmonit.html	
					Asbestos	PS 199 30-20 48th Street, Queens	Ambient Air Monitoring	G	Asbestos Filter/Pump/P CM with follow up TEM	Daily	9/14/2001	#####	http://www.nyc.gov/html/dep/html/airmonit.html	
					Asbestos	PS 234 at 292 Greenwich Street	Ambient Air Monitoring	G	Asbestos Filter/Pump/P CM with follow up TEM	Daily	10/4/2001	current	http://www.nyc.gov/html/dep/html/airmonit.html	
NYCDEP	Hazmat	Mustafa Fawzy	(718) 595-4650		Asbestos, poss. VOCs and metals								EPA, NYCDOH	www.nyc.gov/html/dep/html/airmonit.html
NYCDOH		Jessica Leighton	(212) 676-6323	jleight@health.nyc.gov	Asbestos, respirable silica, mica, gypsum, pH, Mg, PM2.5, PM10, PM<100, fiberglass, calcite, radiation		ambient, residential exposure, dust	Res. Ind./Rel. Out	NIOSH-7400, 7402, 7500, 9002; ACGIH/ISO; EPA IP-10A Gravimetric XRD; EPA SW846 Method 9045C (soils)		11/12/2001			
NJDEP	Bureau of Air Monitoring	Jim Oxley	(609) 633-1469	joxley@dep.state.nj.us	PM2.5, PM-10	Liberty State Park, Jersey City, NJ	Ambient Air Monitoring	G	TEOM	hourly	PM2.5 - 9/15/01; PM10 - 10/16/01	ongoing	EPA R2-DESA, public	www.state.nj.us/dep/airmon/index.html
NJDEP	Bureau of Air Monitoring	Jim Oxley	(609) 633-1469	joxley@dep.state.nj.us	PM2.5, PM-10	Rahway, NJ	Ambient Air Monitoring	R	TEOM/FRM	hourly/daily	TEOM - 9/21/01; FRM - 9/25/01	ongoing	EPA R2-DESA, public	www.state.nj.us/dep/airmon/index.html
USDOL	OSHA	David Ippolito	(212) 337-2378		Cr, Cd, As, V, Ni, Mn, Pb, Fe, Cobalt, Zn, Be, Sb, Cu, Mg, Hg, molybdenum	on WTC debris pile	Occup. Health	P					http://www.osha.gov/nyc-disaster/	

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					acetaldehyde, acrylonitrile, acrolein, benzene, 2-butanone, chlorodiphenyl (PCB), dioxin, ethylbenzene, formaldehyde, hexane, isocyanate, perchloroethylene, styrene, toluene, TCE, vinylchloride, xylene	on WTC debris pile	Occup. Health	P	XAD sorbent cartridge and automated sensor (OVM) for formaldehyde and other aldehydes				http://www.osha.gov/nyc-disaster/	
					Asbestos	Financial District	Occup. Health	P	PCM, OSHA personal sampling method		9/13/2001	9/22/2001	http://www.osha.gov/nyc-disaster/	
					Asbestos	on WTC debris pile	Occup. Health	P			9/22/2001	ongoing	http://www.osha.gov/nyc-disaster/	
					CO	on WTC debris pile	Occup. Health	P					http://www.osha.gov/nyc-disaster/	
					Silica	on WTC debris pile	Occup. Health	P					http://www.osha.gov/nyc-disaster/	
GSA		Steve Shubert	(212) 264-5982		Pb, CO, CO2, respirable dust, VOC (photoionized)	500 Pearl Street (different floors)	indoor air	I	low vol. air pump (Pb & resp. dust); telaire CO2 meter (CO2); Kane-May SGA91 meter (for CO); H-Nu Photoionizer (VOC)		final rpt. Avail	final rpt. Avail.	final report available	final report available
					Pb, CO, CO2, respirable dust, VOC (photo-ionized)	290 Broadway (different floors)	indoor air	I	low vol. air pump (Pb & resp. dust); telaire CO2 meter (CO2); Kane-May SGA91 meter (for CO); H-Nu Photoionizer (VOC)		final rpt. Avail	final rpt. Avail.	final report available	final report available

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Port Authority	Materials Engineering Division	Dorian Bailey	(201) 216-2963	dbailey@panynj.gov	VOC	WTC Basement (Path track level)	personal exposure	I	summa cannister; HP GC/MS/DS	8 hours	9/28/2001	9/28/2001	NYSDEC, NYCDEP, EPA Region 2 (Edison and NY)	PATH report distributed to gov't agencies
					VOC	Manhole near Barclay and West Streets	personal exposure	I	summa cannister; HP GC/MS/DS	8 hours	9/28/2001	9/28/2001	NYSDEC, NYCDEP, EPA Region 2 (Edison and NY)	PATH report distributed to gov't agencies
Con Ed	Compliance and Industrial Hygiene	Janet Fox	(212) 460-3968	foxj@coned.com	Asbestos	Personal Samples (various locations)	personal, ambient air monitoring	P	low volume samples & PCM or TEM	daily	9/11/2001	9/23/2001	EPA (Edison, NY, DC), NYSDEC	internal company report sent to various gov't agencies
					O2, CO, combustibles, H2S, odor	Personal Samples (various locations)	occup., ambient air monitoring	G & manhole	RKI Four-Runner & RKI Eagle	daily	9/17/2001	9/19/2001	EPA (Edison, NY, DC), NYSDEC	internal company report sent to various gov't agencies
					PM10, particulates	Personal Samples (various locations)	personal, ambient air monitoring	G	MIE portable data, RAM dust monitor	daily - 4 days	9/15/2001	9/19/2001	EPA (Edison, NY, DC), NYSDEC	internal company report sent to various gov't agencies
					VOCs	Personal Samples (various locations)	personal, ambient air monitoring	G	PID with 10.6 ev lamp	daily	9/18/2001	9/19/2001	EPA (Edison, NY, DC), NYSDEC	internal company report sent to various gov't agencies
Con Ed	Compliance and Industrial Hygiene	Janet Fox	(212) 460-3968	foxj@coned.com	Asbestos	Area Samples (various locations)	personal, ambient air monitoring	G	High volume samples & PCM or TEM	varies- 1.5 to 5 hours per day	9/12/2001	9/23/2001	EPA (Edison, NY, DC), NYSDEC	internal company report sent to various gov't agencies
					Noise	Areas where diesel generators located	personal	G	B+K investigator sound level meter	daily			EPA (Edison, NY, DC), NYSDEC	internal company report sent to various gov't agencies
					Asbestos	Bulk Samples (West St. & Watt & West St.)	personal monitoring	G	microscope	daily	9/11/2001	9/13/2001	EPA (Edison, NY, DC), NYSDEC	internal company report sent to various gov't agencies
USGS		Roger Clark	(303) 236-1332	rclark@speclab.cr.usgs.gov	Asbestos	1 km radius of WTC site (35 locations)	no air sampling - only settled dust on ground and indoor	Air mapping and ground	1) imaging spectroscopy & 2) lab - SEM, XRD, EDS, XRF, etc.	daily for 4 days	9/16/2001	9/23/2001	gov't agencies	NOT FOR PUBLIC RELEASE http://speclab.cr.usgs.gov/wtc (w/username&password.)
NYC Board of Ed.		Bernard Orland	(718) 391-6475	mhemida@nycboe.net	Asbestos, Bulk Dust, CO, CO2, PM2.5, TVOC, Pb	Stuyvesant High School	indoor air	I		daily except Pb (weekly)	11/5/01(?)			
NYC School Constr. Auth.		Alex Lempert?	(718) 472-8501	alampert@nycsca.org	Asbestos									

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