

Gilsenan, Michael

From: Kelpin, Gerry [NYCDEP/QUEENS/GERALDINEK]
Sent: Thursday, February 14, 2002 2:13 PM
To: Gilsenan, Michael
Subject: FW: NYS DOL WTC Data

I don't know if this has value in terms of additional information or ways to augment the argument but take a look at the word perfect file that comes up when you open up this attachment.

-----Original Message-----

From: Data WTC [mailto:wtcdata@gw.dec.state.ny.us]
 Sent: Thursday, February 14, 2002 1:42 PM
 To: amirpat@aol.com; kmw2@cdc.gov; sneurath@cdc.gov; SRodenbeck@cdc.gov;
 FoxJ@coned.com; adamsr@ddc.nyc.gov; gerryk@dep.nyc.gov;
 cherasard-paul@dol.gov; Garvey-Robert@dol.gov; Rleifer@eml.doe.gov;
 Group.Enviromail@epamail.epa.gov; Mintz.David@epamail.epa.gov;
 turpin.rod@epamail.epa.gov; Carl Johnson; Dave Shaw; David O'Toole;
 Edwin Dassatti; Gerald Barnhart; Georgene Luft; Italo Carcich; Mike
 Murray; Jennifer Rommel; James Tuffey; Karen Chytalo; Larry Enoch; Larry
 Skinner; Neil Isabelle; Phil Galvin; Philip DeGaetano; Paul Countertermen;
 Robert Warland; SiuHong Mo; Susan Taluto; Thomas Kunkel; Tom Gentile;
 cbragdon@health.nyc.gov; jleight@health.nyc.gov;
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 gac01@health.state.ny.us; jah18@health.state.ny.us;
 mal03@health.state.ny.us; mpm08@health.state.ny.us;
 nkk01@health.state.ny.us; rjw03@health.state.ny.us;
 rlc07@health.state.ny.us; rpd04@health.state.ny.us;
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 tmatte@nyam.org; gkelpin@nysnet.net; maureen.cox@osha.gov;
 norman.labbe@osha.gov; tanya.ross@osha.gov; DEisenhardt@psc.gov;
 envmonrpts@sdm-moses.com; mossm@sdm-moses.com; opsdmna@semo.state.ny.us;
 qed@westnet.com; DOHeocDesk@yahoo.com; epa_eoc@yahoo.com
 Cc: Jeff Lindell; Matt Darcangelo
 Subject: Fwd: NYS DOL WTC Data

If you would like to be removed from the distribution list please send a note to wtcdata@gw.dec.state.ny.us or to mjdarcangelo@gw.dec.state.ny.us

Attached email contains data that has been shared with you by a member of the Environmental Sampling and Assessment Workgroup.

This data is in its original format as provided by the data collector. This system will provide you with the fastest access to the most current results available and will run concurrently until EPA's internet database is tested and functioning smoothly. Any data that has been provided to this email address will automatically be forwarded to EPA for inclusion in their master database. (no need to send a duplicate copy)

Please include all appropriate meta data and summaries as well as a point of contact for any questions.

This email box wtcdata@gw.dec.state.ny.us is managed by Environmental Coordination Branch of New York State Dept. Environmental Conservation. Your primary point of contact is Matt Darcangelo at (518) 402-9606 or (518) 402-9646.

In order for data to be distributed by this system, the data must be sent first person to this address (no forwards). Any replies will be sent to Matt Darcangelo's mailbox and not automatically be sent to the entire group

Have a great day,

Matt Darcangelo
mjdarcang@gw.dec.state.ny.us
(518) 402-9606 desk
(518) 342-3114 pager

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NYS DOL WTC Data

**New York State Department of Labor
Division of Safety and Health**

Sampling Summary as of 2/13/2002

Personal exposure sampling has been performed on numerous employees working on and around the WTC site. This has included firefighters, police officers, state troopers, corrections officers, police detectives, and sanitation workers. The New York State Department of Labor has to date collected over 260 personal exposure samples on public employees working at the site with over 2200 analyses performed. The sampling summary below is for activity up to 1/30/2002.

Asbestos	Over 45 personal samples have been collected so far with results ranging from not detectable to 0.116 fibers per cc by PCM analysis. The use of TEM on 2 samples which initially were above the PEL of 0.1 fibers per cc resulted in a reduction to at least 0.016 fibers per cc. Most results by PCM analysis have been well below the PEL of 0.1 fibers /cc. Bulk samples were collected in FDNY vehicles during the month of January to assist the department with an evaluation of contamination. All of these samples had results which were below the detection limit.
Carbon Monoxide	Results for 44 personal exposure samples ranged from 0 to 4 ppm as a time weighted average, well below the PESH PEL of 35 ppm. Peak measurements reached 97 ppm on a personal monitor, still well below the ceiling limit of 200 ppm.
Silica	Personal sampling (17 samples) results have shown most exposures to be below the detection limit for respirable silica with all exposures well below the PESH PEL of 0.1 mg/m³
Metals	Personal samples (37) collected show all exposures to be below the PESH PELs. Metals analyzed included lead, copper, manganese, molybdenum, magnesium, cadmium, nickel, iron, aluminum, zinc, and cobalt. Surface wipe samples in some of the FDNY's response vehicles were taken to assist the department with an evaluation of contamination of vehicles which had responded to the WTC site during the first few days of the disaster. These results are included in the data spreadsheet.
Volatile organics	All personal sampling results have been well below PESH limits for 32 screening samples collected for volatile organics. These samples included analyses for the following: acetone, benzene, ethyl benzene, butyl alcohol, isopropyl alcohol, naphtha, styrene, toluene, and xylene.
Acid gases	Exposures to acid gases such as hydrogen bromide, hydrogen chloride,

hydrogen cyanide, and hydrogen fluoride were all below the detection limit. For sulfuric acid, the highest exposure was at a level of 0.48 mg/m³, less than half of the limit of 1 mg/m³

PCBs	The two personal exposure samples for PCBs on workers monitoring the debris pile had results which were less than the detection limits.
Mercury	All 41 personal air samples for mercury have had results which were less than the detection limit. Out of 22 wipe samples for mercury on FDNY vehicles, 21 were below the detection limit and the only positive result was a trace amount of 0.37 ug/100 cm ²
Noise	Personal monitoring for noise exposure did not reveal any exposures above the action level 85 dBA. The highest exposure recorded was 83.6 dBA as an 8 hour time weighted average.
Total dust	Of 41 personal samples were collected for total dust, only two were above the PEL of 15 mg/m ³ . These two samples were taken on workers actively looking through the debris and they were wearing respirators.
Respirable dust	There have been 26 personal samples for respirable dust collected . None of the samples have approached the PEL of 5 mg/m ³ .

Gilsenan, Michael

From: Labbe, Norm [norm.labbe@osha.gov]
Sent: Thursday, February 14, 2002 1:33 PM
To: 'Wtodata (E-mail)'
Cc: Cox, Maureen
Subject: NYS DOL WTC Data



WordPerfect 6.1



WTC data Dec to
Jan.xls



Part.001

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<<Cover-sample summary 2-14.wpd>>

<<WTC data Dec to Jan.xls>>

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
931224	PESH	12/24/2001	FDNY Firefighter	personal	180	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931227	PESH	12/24/2001	FDNY Firefighter	personal	180	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931224	PESH	12/24/2001	FDNY Firefighter	personal	180	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931227	PESH	12/24/2001	FDNY Firefighter	personal	180	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931223	PESH	12/24/2001	NYPD Officer	personal	250	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931225	PESH	12/24/2001	NYPD Officer	personal	255	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931223	PESH	12/24/2001	NYPD Officer	personal	250	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931225	PESH	12/24/2001	NYPD Officer	personal	255	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931544	PESH	12/26/2001	FDNY Firefighter	personal	450	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931550	PESH	12/26/2001	FDNY Firefighter	personal	272	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931544	PESH	12/26/2001	FDNY Firefighter	personal	450	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931550	PESH	12/26/2001	FDNY Firefighter	personal	272	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931546	PESH	12/27/2001	FDNY Firefighter	personal	660	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931549	PESH	12/27/2001	FDNY Firefighter	personal	660	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931546	PESH	12/27/2001	FDNY Firefighter	personal	660	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931549	PESH	12/27/2001	FDNY Firefighter	personal	660	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931543	PESH	12/27/2001	NYPD Officer	personal	400	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931543	PESH	12/27/2001	NYPD Officer	personal	400	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931548	PESH	12/27/2001	NYS Police	personal	560	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931548	PESH	12/27/2001	NYS Police	personal	560	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931645	PESH	12/28/2001	FDNY Firefighter	personal	595	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931650	PESH	12/28/2001	FDNY Firefighter	personal	585	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931645	PESH	12/28/2001	FDNY Firefighter	personal	595	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931650	PESH	12/28/2001	FDNY Firefighter	personal	585	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931648	PESH	12/28/2001	NYPD Officer	personal	540	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931654	PESH	12/28/2001	NYPD Officer	personal	560	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931648	PESH	12/28/2001	NYPD Officer	personal	540	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931654	PESH	12/28/2001	NYPD Officer	personal	560	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931649	PESH	12/29/2001	NYPD Officer	personal	660	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931649	PESH	12/29/2001	NYPD Officer	personal	660	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931651	PESH	12/29/2001	NYS Police	personal	480	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931653	PESH	12/29/2001	NYS Police	personal	480	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931651	PESH	12/29/2001	NYS Police	personal	480	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931653	PESH	12/29/2001	NYS Police	personal	480	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931646	PESH	12/30/2001	NYPD Officer	personal	420	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931652	PESH	12/30/2001	NYPD Officer	personal	205	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
931646	PESH	12/30/2001	NYPD Officer	personal	420	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
931652	PESH	12/30/2001	NYPD Officer	personal	205	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
933557	PESH	12/31/2001	NYPD	personal	360	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
933558	PESH	12/31/2001	NYPD	personal	360	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
933557	PESH	12/31/2001	NYPD	personal	360	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
933558	PESH	12/31/2001	NYPD	personal	360	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
933556	PESH	12/31/2001	NYS Police	personal	330	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
933556	PESH	12/31/2001	NYS Police	personal	330	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
932905	PESH	1/5/2002	NYPD	personal	444	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
932905	PESH	1/5/2002	NYPD	personal	444	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
010602A16	PESH	1/5/2002	PA PD Van, inside	grab		mercury	not detected		mg/m3	0.05	detector tube	Plate# LWD 41L
010602A17	PESH	1/5/2002	PA PD Van, inside	grab		mercury	not detected		mg/m3	0.05	detector tube	Plate# LWD 84F
932904	PESH	1/5/2002	Port Auth. PD	personal	408	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
932903	PESH	1/5/2002	Port Auth. PD	personal	427	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
932904	PESH	1/5/2002	Port Auth. PD	personal	408	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
932903	PESH	1/5/2002	Port Auth. PD	personal	427	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
010602A13	PESH	1/5/2002	Port Auth. PD Trailer	grab		mercury	not detected		mg/m3	0.05	detector tube	middle room
010602A14	PESH	1/5/2002	Port Auth. PD Trailer	grab		mercury	not detected		mg/m3	0.05	detector tube	kitchen
010602A15	PESH	1/5/2002	Port Auth. PD Trailer	grab		mercury	not detected		mg/m3	0.05	detector tube	office
010602A11	PESH	1/6/2002	Guard Post 101	grab		carbon monoxide		4 ppm		200(ceiling)	direct read	in and around the area 10:30
010602A12	PESH	1/6/2002	Guard Post 101	grab		carbon monoxide		0 ppm		200(ceiling)	direct read	in and around the area 13:56
010602A18	PESH	1/6/2002	Guard Post 101	grab		sulfur dioxide	not detected		ppm	5(STEL)	direct read	
010602A19	PESH	1/6/2002	Guard Post 101	grab		sulfur dioxide	not detected		ppm	5(STEL)	direct read	
933233	PESH	1/6/2002	NYPD	personal	194	nitric oxide		0.6 ppm		25	OSHA 190	search and recovery
933234	PESH	1/6/2002	NYPD	personal	194	nitrogen dioxide	<=	0.4 ppm		1(STEL)	OSHA 190	search and recovery
010602A07	PESH	1/6/2002	outside Guard post 101	grab		mercury	not detected		mg/m3	0.05	detector tube	West St. 8:42 am
010602A06	PESH	1/6/2002	outside Guard post 101	grab		nitrogen oxides		0.2 ppm			detector tube	West St. 8:42 am
010602A02	PESH	1/6/2002	Pit along ramp, SE of WT	grab		carbon monoxide		36 ppm		200(ceiling)	direct read	steam venting from pit 8:42a
010602A04	PESH	1/6/2002	Pit along ramp, SE of WT	grab		hydrogen sulfide	not detected		ppm	15 (STEL)	detector tube	steam venting from pit 8:42a
010602A03	PESH	1/6/2002	Pit along ramp, SE of WT	grab		mercury	not detected		mg/m3	0.05	detector tube	steam venting from pit 8:42a
010602A05	PESH	1/6/2002	Pit along ramp, SE of WT	grab		nitrogen oxides		0.1 ppm			detector tube	steam venting from pit 8:42a
010602A01	PESH	1/6/2002	Pit along ramp, SE of WT	grab		sulfur dioxide	not detected		ppm	2	direct read	steam venting from pit 8:42a
932901	PESH	1/6/2002	Port Auth. PD	personal	600	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
932897	PESH	1/6/2002	Port Auth. PD	personal	593	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
932899	PESH	1/6/2002	Port Auth. PD	personal	14	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
932900	PESH	1/6/2002	Port Auth. PD	personal	627	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
932901	PESH	1/6/2002	Port Auth. PD	personal	600	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
932897	PESH	1/6/2002	Port Auth. PD	personal	593	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
932899	PESH	1/6/2002	Port Auth. PD	personal	14	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
932900	PESH	1/6/2002	Port Auth. PD	personal	627	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
010602A08	PESH	1/6/2002	Taj Mahal	grab		carbon monoxide		8 ppm		200(ceiling)	direct read	southeast corner 11:46am
010602A09	PESH	1/6/2002	Taj Mahal	grab		carbon monoxide		7 ppm		200(ceiling)	direct read	in dining area 11:46am
010602A10	PESH	1/6/2002	Taj Mahal	grab		carbon monoxide		9 ppm		200(ceiling)	direct read	in dining area 11:46am
933550	PESH	1/8/2002	NYC Dept of Corrections	personal	370	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
933231	PESH	1/8/2002	NYC Dept of Corrections	personal	289	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
933550	PESH	1/8/2002	NYC Dept of Corrections	personal	370	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
933231	PESH	1/8/2002	NYC Dept of Corrections	personal	289	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
933549	PESH	1/8/2002	NYPD	personal	434	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
933549	PESH	1/8/2002	NYPD	personal	434	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
010802CJ	PESH	1/8/2002	NYS DOL	personal	530	carbon monoxide		0 ppm		35	direct read	site safety monitor
933551	PESH	1/9/2002	FDNY	personal	521	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
933552	PESH	1/9/2002	FDNY	personal	534	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
933553	PESH	1/9/2002	FDNY	personal	352	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
933554	PESH	1/9/2002	FDNY	personal	522	mercury, particulate	not detected		ug/m3	100(ceiling)	OSHA 140	search and recovery
933551	PESH	1/9/2002	FDNY	personal	521	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
933552	PESH	1/9/2002	FDNY	personal	534	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
933553	PESH	1/9/2002	FDNY	personal	352	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
933554	PESH	1/9/2002	FDNY	personal	522	mercury, vapor	not detected		ug/m3	50	OSHA 140	search and recovery
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		aluminum		0.92 %			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		aluminum		1.1 %			OSHA 125G	
933776	PESH	1/10/2002	debris, NW corner of pit	bulk		asbestos	not detected		%		PLM	
933777	PESH	1/10/2002	debris, NW corner of pit	bulk		asbestos	not detected		%		PLM	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		barium		0.01 %			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		barium		0.02 %			OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		beryllium	not detected		%		OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		beryllium	not detected		%		OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		cadmium	not detected		%		OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		cadmium	not detected		%		OSHA 125G	

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New York State Department of Labor

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		calcium		15 %			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		calcium		18 %			OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		chromium	not detected	%			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		chromium	not detected	%			OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		cobalt	not detected	%			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		cobalt	not detected	%			OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		copper		0.17 %			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		copper		0.1 %			OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		iron		2.2 %			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		iron		3.5 %			OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		lead		0.05 %			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		lead		0.2 %			OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		magnesium		1.2 %			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		magnesium		1.1 %			OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		manganese		0.04 %			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		manganese		0.06 %			OSHA 125G	
933780	PESH	1/10/2002	debris, NW corner of pit	bulk		mercury		0.00002 %			OSHA 145	
933781	PESH	1/10/2002	debris, NW corner of pit	bulk		mercury		0.00004 %			OSHA 145	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		molybdenum	not detected	%			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		molybdenum	not detected	%			OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		nickel	not detected	%			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		nickel	not detected	%			OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		strontium		0.04 %			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		strontium		0.04 %			OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		sulfur dioxide		2.5 %			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		sulfur dioxide		4 %			OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		titanium		0.07 %			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		titanium		0.07 %			OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		vanadium	not detected	%			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		vanadium	not detected	%			OSHA 125G	
933778	PESH	1/10/2002	debris, NW corner of pit	bulk		zinc		0.14 %			OSHA 125G	
933779	PESH	1/10/2002	debris, NW corner of pit	bulk		zinc		0.48 %			OSHA 125G	
011002-P1	PESH	1/10/2002	NYC DOT Truck Driver	personal	440	carbon monoxide	TWA	2 ppm		35(TWA)	direct read	load pick up from pit
011002-P1	PESH	1/10/2002	NYC DOT Truck Driver	personal	440	carbon monoxide	STEEL	4 ppm		200(ceiling)	direct read	load pick up from pit
933771	PESH	1/10/2002	NYC DOT Truck Driver	personal	507	mercury, particulate	not detected	ug/m3		100(ceiling)	OSHA 140	load pick up from pit
933773	PESH	1/10/2002	NYC DOT Truck Driver	personal	510	mercury, particulate	not detected	ug/m3		100(ceiling)	OSHA 140	load pick up from pit
933774	PESH	1/10/2002	NYC DOT Truck Driver	personal	531	mercury, particulate	not detected	ug/m3		100(ceiling)	OSHA 140	load pick up from pit
933775	PESH	1/10/2002	NYC DOT Truck Driver	personal	442	mercury, particulate	not detected	ug/m3		100(ceiling)	OSHA 140	load pick up from pit
933771	PESH	1/10/2002	NYC DOT Truck Driver	personal	507	mercury, vapor	not detected	ug/m3		50	OSHA 140	load pick up from pit
933773	PESH	1/10/2002	NYC DOT Truck Driver	personal	510	mercury, vapor	not detected	ug/m3		50	OSHA 140	load pick up from pit
933774	PESH	1/10/2002	NYC DOT Truck Driver	personal	531	mercury, vapor	not detected	ug/m3		50	OSHA 140	load pick up from pit
933775	PESH	1/10/2002	NYC DOT Truck Driver	personal	442	mercury, vapor	not detected	ug/m3		50	OSHA 140	load pick up from pit
11402-12	PESH	1/14/2002	Vehicle, Engine 214	wipe		aluminum		22.6 ug			NIOSH 7300	above driver's visor, vents on
11402-15	PESH	1/14/2002	Vehicle, Engine 214	wipe		aluminum		18.8 ug			NIOSH 7300	back seat, vents on
11402-17	PESH	1/14/2002	Vehicle, Engine 214	wipe		aluminum		11.4 ug			NIOSH 7300	left center hose bay
11402-10	PESH	1/14/2002	Vehicle, Engine 214	wipe		asbestos	not detected	%			PLM	dashboard
11402-11	PESH	1/14/2002	Vehicle, Engine 214	wipe		asbestos	not detected	%			PLM	dashboard, after vents on
11402-14	PESH	1/14/2002	Vehicle, Engine 214	wipe		asbestos	not detected	%			PLM	top of seat, after vents on
11402-16	PESH	1/14/2002	Vehicle, Engine 214	wipe		asbestos	not detected	%			PLM	right center hose bay
11402-12	PESH	1/14/2002	Vehicle, Engine 214	wipe		cadmium	not detected	ug			NIOSH 7300	above driver's visor, vents on
11402-15	PESH	1/14/2002	Vehicle, Engine 214	wipe		cadmium		0.15 ug			NIOSH 7300	back seat, vents on
11402-17	PESH	1/14/2002	Vehicle, Engine 214	wipe		cadmium	not detected	ug			NIOSH 7300	left center hose bay

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
11402-12	PESH	1/14/2002	Vehicle, Engine 214	wipe		cobalt	not detected		ug		NIOSH 7300	above driver's visor, vents on
11402-15	PESH	1/14/2002	Vehicle, Engine 214	wipe		cobalt	not detected		ug		NIOSH 7300	back seat, vents on
11402-17	PESH	1/14/2002	Vehicle, Engine 214	wipe		cobalt	not detected		ug		NIOSH 7300	left center hose bay
11402-12	PESH	1/14/2002	Vehicle, Engine 214	wipe		copper		2.28	ug		NIOSH 7300	above driver's visor, vents on
11402-17	PESH	1/14/2002	Vehicle, Engine 214	wipe		copper		1.7	ug		NIOSH 7300	left center hose bay
11402-12	PESH	1/14/2002	Vehicle, Engine 214	wipe		iron		46.8	ug		NIOSH 7300	above driver's visor, vents on
11402-15	PESH	1/14/2002	Vehicle, Engine 214	wipe		iron		71.6	ug		NIOSH 7300	back seat, vents on
11402-17	PESH	1/14/2002	Vehicle, Engine 214	wipe		iron		37.6	ug		NIOSH 7300	left center hose bay
11402-12	PESH	1/14/2002	Vehicle, Engine 214	wipe		lead		1.6	ug		NIOSH 7300	above driver's visor, vents on
11402-15	PESH	1/14/2002	Vehicle, Engine 214	wipe		lead		2.26	ug		NIOSH 7300	back seat, vents on
11402-17	PESH	1/14/2002	Vehicle, Engine 214	wipe		lead		1.4	ug		NIOSH 7300	left center hose bay
11402-12	PESH	1/14/2002	Vehicle, Engine 214	wipe		magnesium		29.2	ug		NIOSH 7300	above driver's visor, vents on
11402-15	PESH	1/14/2002	Vehicle, Engine 214	wipe		magnesium		28.1	ug		NIOSH 7300	back seat, vents on
11402-17	PESH	1/14/2002	Vehicle, Engine 214	wipe		magnesium		20.5	ug		NIOSH 7300	left center hose bay
11402-12	PESH	1/14/2002	Vehicle, Engine 214	wipe		manganese		0.8	ug		NIOSH 7300	above driver's visor, vents on
11402-15	PESH	1/14/2002	Vehicle, Engine 214	wipe		manganese		0.96	ug		NIOSH 7300	back seat, vents on
11402-17	PESH	1/14/2002	Vehicle, Engine 214	wipe		manganese		0.5	ug		NIOSH 7300	left center hose bay
11402-13	PESH	1/14/2002	Vehicle, Engine 214	wipe		mercury	not detected		ug		NIOSH 6900	front seat, R side, vents on
11402-12	PESH	1/14/2002	Vehicle, Engine 214	wipe		nickel		0.3	ug		NIOSH 7300	above driver's visor, vents on
11402-15	PESH	1/14/2002	Vehicle, Engine 214	wipe		nickel		0.53	ug		NIOSH 7300	back seat, vents on
11402-17	PESH	1/14/2002	Vehicle, Engine 214	wipe		nickel	not detected		ug		NIOSH 7300	left center hose bay
11402-12	PESH	1/14/2002	Vehicle, Engine 214	wipe		zinc		10.4	ug		NIOSH 7300	above driver's visor, vents on
11402-15	PESH	1/14/2002	Vehicle, Engine 214	wipe		zinc		14.3	ug		NIOSH 7300	back seat, vents on
11402-17	PESH	1/14/2002	Vehicle, Engine 214	wipe		zinc		12.6	ug		NIOSH 7300	left center hose bay
11402-4	PESH	1/14/2002	Vehicle, Engine 217	wipe		aluminum		8	ug		NIOSH 7300	cab console, vents on
11402-6	PESH	1/14/2002	Vehicle, Engine 217	wipe		aluminum		92.4	ug		NIOSH 7300	back seat, vents on
11402-8	PESH	1/14/2002	Vehicle, Engine 217	wipe		aluminum		28.7	ug		NIOSH 7300	left rear hose bay
11402-1	PESH	1/14/2002	Vehicle, Engine 217	wipe		asbestos	not detected		%		PLM	dashboard
11402-2	PESH	1/14/2002	Vehicle, Engine 217	wipe		asbestos	not detected		%		PLM	dashboard, after vents on
11402-3	PESH	1/14/2002	Vehicle, Engine 217	wipe		asbestos	not detected		%		PLM	console in rear cab, vents on
11402-9	PESH	1/14/2002	Vehicle, Engine 217	wipe		asbestos	not detected		%		PLM	right rear hose bay
11402-4	PESH	1/14/2002	Vehicle, Engine 217	wipe		cadmium	not detected		ug		NIOSH 7300	cab console, vents on
11402-6	PESH	1/14/2002	Vehicle, Engine 217	wipe		cadmium		0.22	ug		NIOSH 7300	back seat, vents on
11402-8	PESH	1/14/2002	Vehicle, Engine 217	wipe		cadmium	not detected		ug		NIOSH 7300	left rear hose bay
11402-4	PESH	1/14/2002	Vehicle, Engine 217	wipe		cobalt	not detected		ug		NIOSH 7300	cab console, vents on
11402-6	PESH	1/14/2002	Vehicle, Engine 217	wipe		cobalt	not detected		ug		NIOSH 7300	back seat, vents on
11402-8	PESH	1/14/2002	Vehicle, Engine 217	wipe		cobalt	not detected		ug		NIOSH 7300	left rear hose bay
11402-4	PESH	1/14/2002	Vehicle, Engine 217	wipe		copper		2.26	ug		NIOSH 7300	cab console, vents on
11402-6	PESH	1/14/2002	Vehicle, Engine 217	wipe		copper		2.93	ug		NIOSH 7300	back seat, vents on
11402-8	PESH	1/14/2002	Vehicle, Engine 217	wipe		copper		1.68	ug		NIOSH 7300	left rear hose bay
11402-4	PESH	1/14/2002	Vehicle, Engine 217	wipe		iron		30.6	ug		NIOSH 7300	cab console, vents on
11402-6	PESH	1/14/2002	Vehicle, Engine 217	wipe		iron		110	ug		NIOSH 7300	back seat, vents on
11402-8	PESH	1/14/2002	Vehicle, Engine 217	wipe		iron		60	ug		NIOSH 7300	left rear hose bay
11402-4	PESH	1/14/2002	Vehicle, Engine 217	wipe		lead		0.75	ug		NIOSH 7300	cab console, vents on
11402-6	PESH	1/14/2002	Vehicle, Engine 217	wipe		lead		2.1	ug		NIOSH 7300	back seat, vents on
11402-8	PESH	1/14/2002	Vehicle, Engine 217	wipe		lead		1.48	ug		NIOSH 7300	left rear hose bay
11402-4	PESH	1/14/2002	Vehicle, Engine 217	wipe		magnesium		25.6	ug		NIOSH 7300	cab console, vents on
11402-6	PESH	1/14/2002	Vehicle, Engine 217	wipe		magnesium		120	ug		NIOSH 7300	back seat, vents on
11402-8	PESH	1/14/2002	Vehicle, Engine 217	wipe		magnesium		50.6	ug		NIOSH 7300	left rear hose bay
11402-4	PESH	1/14/2002	Vehicle, Engine 217	wipe		manganese		0.89	ug		NIOSH 7300	cab console, vents on
11402-6	PESH	1/14/2002	Vehicle, Engine 217	wipe		manganese		4.7	ug		NIOSH 7300	back seat, vents on
11402-8	PESH	1/14/2002	Vehicle, Engine 217	wipe		manganese		1.5	ug		NIOSH 7300	left rear hose bay

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
11402-5	PESH	1/14/2002	Vehicle, Engine 217	wipe		mercury	not detected		ug		NIOSH 6900	front cab console, vents on
11402-7	PESH	1/14/2002	Vehicle, Engine 217	wipe		mercury	not detected		ug		NIOSH 6900	back seat, after vents on
11402-4	PESH	1/14/2002	Vehicle, Engine 217	wipe		nickel		0.52	ug		NIOSH 7300	cab console, vents on
11402-6	PESH	1/14/2002	Vehicle, Engine 217	wipe		nickel		0.3	ug		NIOSH 7300	back seat, vents on
11402-8	PESH	1/14/2002	Vehicle, Engine 217	wipe		nickel	not detected		ug		NIOSH 7300	left rear hose bay
11402-4	PESH	1/14/2002	Vehicle, Engine 217	wipe		zinc		8.03	ug		NIOSH 7300	cab console, vents on
11402-6	PESH	1/14/2002	Vehicle, Engine 217	wipe		zinc		17.7	ug		NIOSH 7300	back seat, vents on
11402-8	PESH	1/14/2002	Vehicle, Engine 217	wipe		zinc		20	ug		NIOSH 7300	left rear hose bay
11502-10	PESH	1/15/2002	Engine 10 Firehouse	wipe		mercury	not detected		ug		NIOSH 6900	2nd fl top of locker 31-33
11502-2	PESH	1/15/2002	Firehouse, Engine 10	wipe		aluminum		10.4	ug		NIOSH 7300	1st floor, on radio
11502-4	PESH	1/15/2002	Firehouse, Engine 10	wipe		aluminum		33.8	ug		NIOSH 7300	top of refrigerator
11502-5	PESH	1/15/2002	Firehouse, Engine 10	wipe		aluminum		33.3	ug		NIOSH 7300	1st floor, stairway wall
11502-7	PESH	1/15/2002	Firehouse, Engine 10	wipe		aluminum		38.1	ug		NIOSH 7300	2nd floor, top of lockers
11502-1	PESH	1/15/2002	Firehouse, Engine 10	wipe		asbestos	not detected		%		PLM	1st floor table
11502-3	PESH	1/15/2002	Firehouse, Engine 10	wipe		asbestos	not detected		%		PLM	kitchen stereo shelf
11502-8	PESH	1/15/2002	Firehouse, Engine 10	wipe		asbestos	not detected		%		PLM	2nd floor, radio table
11502-9	PESH	1/15/2002	Firehouse, Engine 10	wipe		asbestos	not detected		%		PLM	2nd floor, wall above a/c
11502-2	PESH	1/15/2002	Firehouse, Engine 10	wipe		cadmium	not detected		ug		NIOSH 7300	1st floor, on radio
11502-4	PESH	1/15/2002	Firehouse, Engine 10	wipe		cadmium	not detected		ug		NIOSH 7300	top of refrigerator
11502-5	PESH	1/15/2002	Firehouse, Engine 10	wipe		cadmium	not detected		ug		NIOSH 7300	1st floor, stairway wall
11502-7	PESH	1/15/2002	Firehouse, Engine 10	wipe		cadmium	not detected		ug		NIOSH 7300	2nd floor, top of lockers
11502-2	PESH	1/15/2002	Firehouse, Engine 10	wipe		cobalt	not detected		ug		NIOSH 7300	1st floor, on radio
11502-4	PESH	1/15/2002	Firehouse, Engine 10	wipe		cobalt	not detected		ug		NIOSH 7300	top of refrigerator
11502-5	PESH	1/15/2002	Firehouse, Engine 10	wipe		cobalt	not detected		ug		NIOSH 7300	1st floor, stairway wall
11502-7	PESH	1/15/2002	Firehouse, Engine 10	wipe		cobalt	not detected		ug		NIOSH 7300	2nd floor, top of lockers
11502-2	PESH	1/15/2002	Firehouse, Engine 10	wipe		copper		1.4	ug		NIOSH 7300	1st floor, on radio
11502-4	PESH	1/15/2002	Firehouse, Engine 10	wipe		copper		2.7	ug		NIOSH 7300	top of refrigerator
11502-5	PESH	1/15/2002	Firehouse, Engine 10	wipe		copper		2.6	ug		NIOSH 7300	1st floor, stairway wall
11502-7	PESH	1/15/2002	Firehouse, Engine 10	wipe		copper		3.06	ug		NIOSH 7300	2nd floor, top of lockers
11502-2	PESH	1/15/2002	Firehouse, Engine 10	wipe		iron		22.5	ug		NIOSH 7300	1st floor, on radio
11502-4	PESH	1/15/2002	Firehouse, Engine 10	wipe		iron		52	ug		NIOSH 7300	top of refrigerator
11502-5	PESH	1/15/2002	Firehouse, Engine 10	wipe		iron		65.6	ug		NIOSH 7300	1st floor, stairway wall
11502-7	PESH	1/15/2002	Firehouse, Engine 10	wipe		iron		75.1	ug		NIOSH 7300	2nd floor, top of lockers
11502-2	PESH	1/15/2002	Firehouse, Engine 10	wipe		lead		0.65	ug		NIOSH 7300	1st floor, on radio
11502-4	PESH	1/15/2002	Firehouse, Engine 10	wipe		lead		1.2	ug		NIOSH 7300	top of refrigerator
11502-5	PESH	1/15/2002	Firehouse, Engine 10	wipe		lead		1.9	ug		NIOSH 7300	1st floor, stairway wall
11502-7	PESH	1/15/2002	Firehouse, Engine 10	wipe		lead		1.97	ug		NIOSH 7300	2nd floor, top of lockers
11502-2	PESH	1/15/2002	Firehouse, Engine 10	wipe		magnesium		21.5	ug		NIOSH 7300	1st floor, on radio
11502-4	PESH	1/15/2002	Firehouse, Engine 10	wipe		magnesium		43.3	ug		NIOSH 7300	top of refrigerator
11502-5	PESH	1/15/2002	Firehouse, Engine 10	wipe		magnesium		60.1	ug		NIOSH 7300	1st floor, stairway wall
11502-7	PESH	1/15/2002	Firehouse, Engine 10	wipe		magnesium		130	ug		NIOSH 7300	2nd floor, top of lockers
11502-2	PESH	1/15/2002	Firehouse, Engine 10	wipe		manganese		0.52	ug		NIOSH 7300	1st floor, on radio
11502-4	PESH	1/15/2002	Firehouse, Engine 10	wipe		manganese		1.1	ug		NIOSH 7300	top of refrigerator
11502-5	PESH	1/15/2002	Firehouse, Engine 10	wipe		manganese		1.4	ug		NIOSH 7300	1st floor, stairway wall
11502-7	PESH	1/15/2002	Firehouse, Engine 10	wipe		manganese		1.7	ug		NIOSH 7300	2nd floor, top of lockers
11502-6	PESH	1/15/2002	Firehouse, Engine 10	wipe		mercury	not detected		ug		NIOSH 6900	2nd fl, top of lockers
11502-2	PESH	1/15/2002	Firehouse, Engine 10	wipe		nickel	not detected		ug		NIOSH 7300	1st floor, on radio
11502-4	PESH	1/15/2002	Firehouse, Engine 10	wipe		nickel	not detected		ug		NIOSH 7300	top of refrigerator
11502-5	PESH	1/15/2002	Firehouse, Engine 10	wipe		nickel	not detected		ug		NIOSH 7300	1st floor, stairway wall
11502-7	PESH	1/15/2002	Firehouse, Engine 10	wipe		nickel		0.72	ug		NIOSH 7300	2nd floor, top of lockers
11502-2	PESH	1/15/2002	Firehouse, Engine 10	wipe		zinc		4.2	ug		NIOSH 7300	1st floor, on radio
11502-4	PESH	1/15/2002	Firehouse, Engine 10	wipe		zinc		8.1	ug		NIOSH 7300	top of refrigerator

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
11502-5	PESH	1/15/2002	Firehouse, Engine 10	wipe		zinc		9.2 ug			NIOSH 7300	1st floor, stairway wall
11502-7	PESH	1/15/2002	Firehouse, Engine 10	wipe		zinc		11.4 ug			NIOSH 7300	2nd floor, top of lockers
11502-38	PESH	1/15/2002	Ladder 1 Firehouse	wipe		asbestos	not detected	%			PLM	3rd fl Locker Rm table
11502-36	PESH	1/15/2002	Ladder 1 Office	wipe		aluminum		106 ug			NIOSH 7300	2nd floor, window sill
11502-36	PESH	1/15/2002	Ladder 1 Office	wipe		cadmium		0.272 ug			NIOSH 7300	2nd floor, window sill
11502-36	PESH	1/15/2002	Ladder 1 Office	wipe		cobalt	not detected	ug			NIOSH 7300	2nd floor, window sill
11502-36	PESH	1/15/2002	Ladder 1 Office	wipe		copper		13.4 ug			NIOSH 7300	2nd floor, window sill
11502-36	PESH	1/15/2002	Ladder 1 Office	wipe		iron		239 ug			NIOSH 7300	2nd floor, window sill
11502-36	PESH	1/15/2002	Ladder 1 Office	wipe		lead		61 ug			NIOSH 7300	2nd floor, window sill
11502-36	PESH	1/15/2002	Ladder 1 Office	wipe		magnesium		172 ug			NIOSH 7300	2nd floor, window sill
11502-36	PESH	1/15/2002	Ladder 1 Office	wipe		manganese		6.2 ug			NIOSH 7300	2nd floor, window sill
11502-36	PESH	1/15/2002	Ladder 1 Office	wipe		nickel		2.27 ug			NIOSH 7300	2nd floor, window sill
11502-36	PESH	1/15/2002	Ladder 1 Office	wipe		zinc		34 ug			NIOSH 7300	2nd floor, window sill
11502-18	PESH	1/15/2002	MH 8701 Decon Truck	wipe		asbestos	not detected	%			PLM	front middle console
11502-20	PESH	1/15/2002	MH 8701 Decon Truck	wipe		asbestos	not detected	%			PLM	center table
11502-19	PESH	1/15/2002	MH 8701 Truck	wipe		aluminum		230 ug			NIOSH 7300	Dash, Decon Truck
11502-19	PESH	1/15/2002	MH 8701 Truck	wipe		cadmium		2.03 ug			NIOSH 7300	Dash, Decon Truck
11502-19	PESH	1/15/2002	MH 8701 Truck	wipe		cobalt		0.681 ug			NIOSH 7300	Dash, Decon Truck
11502-19	PESH	1/15/2002	MH 8701 Truck	wipe		copper		21.5 ug			NIOSH 7300	Dash, Decon Truck
11502-19	PESH	1/15/2002	MH 8701 Truck	wipe		iron		995 ug			NIOSH 7300	Dash, Decon Truck
11502-19	PESH	1/15/2002	MH 8701 Truck	wipe		lead		27.5 ug			NIOSH 7300	Dash, Decon Truck
11502-19	PESH	1/15/2002	MH 8701 Truck	wipe		magnesium		415 ug			NIOSH 7300	Dash, Decon Truck
11502-19	PESH	1/15/2002	MH 8701 Truck	wipe		manganese		14.6 ug			NIOSH 7300	Dash, Decon Truck
11502-19	PESH	1/15/2002	MH 8701 Truck	wipe		nickel		4.14 ug			NIOSH 7300	Dash, Decon Truck
11502-19	PESH	1/15/2002	MH 8701 Truck	wipe		zinc		108 ug			NIOSH 7300	Dash, Decon Truck
11502-22	PESH	1/15/2002	Vehicle, Engine 7	wipe		aluminum		29.1 ug			NIOSH 7300	dashboard
11502-25	PESH	1/15/2002	Vehicle, Engine 7	wipe		aluminum		24.3 ug			NIOSH 7300	front seat, passenger side
11502-27	PESH	1/15/2002	Vehicle, Engine 7	wipe		aluminum		16.5 ug			NIOSH 7300	rear cab wall
11502-21	PESH	1/15/2002	Vehicle, Engine 7	wipe		asbestos	not detected	%			PLM	dashboard
11502-24	PESH	1/15/2002	Vehicle, Engine 7	wipe		asbestos	not detected	%			PLM	dashboard, after vents on
11502-26	PESH	1/15/2002	Vehicle, Engine 7	wipe		asbestos	not detected	%			PLM	rear console, after vents on
11502-22	PESH	1/15/2002	Vehicle, Engine 7	wipe		cadmium		0.248 ug			NIOSH 7300	dashboard
11502-25	PESH	1/15/2002	Vehicle, Engine 7	wipe		cadmium		0.587 ug			NIOSH 7300	front seat, passenger side
11502-27	PESH	1/15/2002	Vehicle, Engine 7	wipe		cadmium	not detected	ug			NIOSH 7300	rear cab wall
11502-22	PESH	1/15/2002	Vehicle, Engine 7	wipe		cobalt	not detected	ug			NIOSH 7300	dashboard
11502-25	PESH	1/15/2002	Vehicle, Engine 7	wipe		cobalt	not detected	ug			NIOSH 7300	front seat, passenger side
11502-27	PESH	1/15/2002	Vehicle, Engine 7	wipe		cobalt	not detected	ug			NIOSH 7300	rear cab wall
11502-22	PESH	1/15/2002	Vehicle, Engine 7	wipe		copper		3.24 ug			NIOSH 7300	dashboard
11502-25	PESH	1/15/2002	Vehicle, Engine 7	wipe		copper		7.39 ug			NIOSH 7300	front seat, passenger side
11502-27	PESH	1/15/2002	Vehicle, Engine 7	wipe		copper		1.49 ug			NIOSH 7300	rear cab wall
11502-22	PESH	1/15/2002	Vehicle, Engine 7	wipe		iron		112 ug			NIOSH 7300	dashboard
11502-25	PESH	1/15/2002	Vehicle, Engine 7	wipe		iron		90.9 ug			NIOSH 7300	front seat, passenger side
11502-27	PESH	1/15/2002	Vehicle, Engine 7	wipe		iron		49.8 ug			NIOSH 7300	rear cab wall
11502-22	PESH	1/15/2002	Vehicle, Engine 7	wipe		lead		2.62 ug			NIOSH 7300	dashboard
11502-25	PESH	1/15/2002	Vehicle, Engine 7	wipe		lead		2.62 ug			NIOSH 7300	front seat, passenger side
11502-27	PESH	1/15/2002	Vehicle, Engine 7	wipe		lead		1.32 ug			NIOSH 7300	rear cab wall
11502-22	PESH	1/15/2002	Vehicle, Engine 7	wipe		magnesium		65 ug			NIOSH 7300	dashboard
11502-25	PESH	1/15/2002	Vehicle, Engine 7	wipe		magnesium		38.2 ug			NIOSH 7300	front seat, passenger side
11502-27	PESH	1/15/2002	Vehicle, Engine 7	wipe		magnesium		29.3 ug			NIOSH 7300	rear cab wall
11502-22	PESH	1/15/2002	Vehicle, Engine 7	wipe		manganese		1.62 ug			NIOSH 7300	dashboard
11502-25	PESH	1/15/2002	Vehicle, Engine 7	wipe		manganese		1.26 ug			NIOSH 7300	front seat, passenger side
11502-27	PESH	1/15/2002	Vehicle, Engine 7	wipe		manganese		0.71 ug			NIOSH 7300	rear cab wall

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
11502-23	PESH	1/15/2002	Vehicle, Engine 7	wipe		mercury	not detected		ug		NIOSH 6900	passenger front seat
11502-28	PESH	1/15/2002	Vehicle, Engine 7	wipe		mercury	not detected		ug		NIOSH 6900	back seats, after vents on
11502-22	PESH	1/15/2002	Vehicle, Engine 7	wipe		nickel		0.64	ug		NIOSH 7300	dashboard
11502-25	PESH	1/15/2002	Vehicle, Engine 7	wipe		nickel		1.09	ug		NIOSH 7300	front seat, passenger side
11502-27	PESH	1/15/2002	Vehicle, Engine 7	wipe		nickel	not detected		ug		NIOSH 7300	rear cab wall
11502-22	PESH	1/15/2002	Vehicle, Engine 7	wipe		zinc		13.8	ug		NIOSH 7300	dashboard
11502-25	PESH	1/15/2002	Vehicle, Engine 7	wipe		zinc		19.4	ug		NIOSH 7300	front seat, passenger side
11502-27	PESH	1/15/2002	Vehicle, Engine 7	wipe		zinc		9.3	ug		NIOSH 7300	rear cab wall
11502-30	PESH	1/15/2002	Vehicle, Ladder 1	wipe		aluminum		31.8	ug		NIOSH 7300	front seat passenger side
11502-33	PESH	1/15/2002	Vehicle, Ladder 1	wipe		aluminum		6.5	ug		NIOSH 7300	ceiling, near windshield
11502-35	PESH	1/15/2002	Vehicle, Ladder 1	wipe		aluminum		76.8	ug		NIOSH 7300	rear seat, floor
11502-29	PESH	1/15/2002	Vehicle, Ladder 1	wipe		asbestos	not detected		%		PLM	dashboard
11502-32	PESH	1/15/2002	Vehicle, Ladder 1	wipe		asbestos	not detected		%		PLM	dashboard, after vents on
11502-34	PESH	1/15/2002	Vehicle, Ladder 1	wipe		asbestos	not detected		%		PLM	back seat, after vents on
11502-30	PESH	1/15/2002	Vehicle, Ladder 1	wipe		cadmium		0.674	ug		NIOSH 7300	front seat passenger side
11502-33	PESH	1/15/2002	Vehicle, Ladder 1	wipe		cadmium	not detected		ug		NIOSH 7300	ceiling, near windshield
11502-35	PESH	1/15/2002	Vehicle, Ladder 1	wipe		cadmium		0.247	ug		NIOSH 7300	rear seat, floor
11502-30	PESH	1/15/2002	Vehicle, Ladder 1	wipe		cobalt	not detected		ug		NIOSH 7300	front seat passenger side
11502-33	PESH	1/15/2002	Vehicle, Ladder 1	wipe		cobalt	not detected		ug		NIOSH 7300	ceiling, near windshield
11502-35	PESH	1/15/2002	Vehicle, Ladder 1	wipe		cobalt	not detected		ug		NIOSH 7300	rear seat, floor
11502-30	PESH	1/15/2002	Vehicle, Ladder 1	wipe		copper		5.4	ug		NIOSH 7300	front seat passenger side
11502-33	PESH	1/15/2002	Vehicle, Ladder 1	wipe		copper		0.59	ug		NIOSH 7300	ceiling, near windshield
11502-35	PESH	1/15/2002	Vehicle, Ladder 1	wipe		copper		3.66	ug		NIOSH 7300	rear seat, floor
11502-30	PESH	1/15/2002	Vehicle, Ladder 1	wipe		iron		104	ug		NIOSH 7300	front seat passenger side
11502-33	PESH	1/15/2002	Vehicle, Ladder 1	wipe		iron		16.6	ug		NIOSH 7300	ceiling, near windshield
11502-35	PESH	1/15/2002	Vehicle, Ladder 1	wipe		iron		382	ug		NIOSH 7300	rear seat, floor
11502-30	PESH	1/15/2002	Vehicle, Ladder 1	wipe		lead		9.81	ug		NIOSH 7300	front seat passenger side
11502-33	PESH	1/15/2002	Vehicle, Ladder 1	wipe		lead		0.65	ug		NIOSH 7300	ceiling, near windshield
11502-35	PESH	1/15/2002	Vehicle, Ladder 1	wipe		lead		16.2	ug		NIOSH 7300	rear seat, floor
11502-30	PESH	1/15/2002	Vehicle, Ladder 1	wipe		magnesium		48.8	ug		NIOSH 7300	front seat passenger side
11502-33	PESH	1/15/2002	Vehicle, Ladder 1	wipe		magnesium		21.2	ug		NIOSH 7300	ceiling, near windshield
11502-35	PESH	1/15/2002	Vehicle, Ladder 1	wipe		magnesium		76.6	ug		NIOSH 7300	rear seat, floor
11502-30	PESH	1/15/2002	Vehicle, Ladder 1	wipe		manganese		1.5	ug		NIOSH 7300	front seat passenger side
11502-33	PESH	1/15/2002	Vehicle, Ladder 1	wipe		manganese		0.32	ug		NIOSH 7300	ceiling, near windshield
11502-35	PESH	1/15/2002	Vehicle, Ladder 1	wipe		manganese		2.73	ug		NIOSH 7300	rear seat, floor
11502-31	PESH	1/15/2002	Vehicle, Ladder 1	wipe		mercury		0.37	ug		NIOSH 6900	top of dash radio
11502-30	PESH	1/15/2002	Vehicle, Ladder 1	wipe		nickel		0.95	ug		NIOSH 7300	front seat passenger side
11502-33	PESH	1/15/2002	Vehicle, Ladder 1	wipe		nickel	not detected		ug		NIOSH 7300	ceiling, near windshield
11502-35	PESH	1/15/2002	Vehicle, Ladder 1	wipe		nickel		0.52	ug		NIOSH 7300	rear seat, floor
11502-30	PESH	1/15/2002	Vehicle, Ladder 1	wipe		zinc		24.9	ug		NIOSH 7300	front seat passenger side
11502-33	PESH	1/15/2002	Vehicle, Ladder 1	wipe		zinc		2.56	ug		NIOSH 7300	ceiling, near windshield
11502-35	PESH	1/15/2002	Vehicle, Ladder 1	wipe		zinc		19.6	ug		NIOSH 7300	rear seat, floor
11502-37	PESH	1/15/2002	Vehicle, Ladder 1	wipe		asbestos	not detected		%		PLM	2nd fl window sill, bunkroom
11502-12	PESH	1/15/2002	Vehicle, Ladder 15	wipe		aluminum		55.9	ug		NIOSH 7300	Dash, top of radio
11502-14	PESH	1/15/2002	Vehicle, Ladder 15	wipe		aluminum		79.1	ug		NIOSH 7300	near ceiling, behind driver
11502-17	PESH	1/15/2002	Vehicle, Ladder 15	wipe		aluminum		11.3	ug		NIOSH 7300	back seat
11502-11	PESH	1/15/2002	Vehicle, Ladder 15	wipe		asbestos	not detected		%		PLM	front console
11502-13	PESH	1/15/2002	Vehicle, Ladder 15	wipe		asbestos	not detected		%		PLM	upper defroster unit
11502-16	PESH	1/15/2002	Vehicle, Ladder 15	wipe		asbestos	not detected		%		PLM	rear cab wall
11502-12	PESH	1/15/2002	Vehicle, Ladder 15	wipe		cadmium		0.326	ug		NIOSH 7300	Dash, top of radio
11502-14	PESH	1/15/2002	Vehicle, Ladder 15	wipe		cadmium		0.156	ug		NIOSH 7300	near ceiling, behind driver
11502-17	PESH	1/15/2002	Vehicle, Ladder 15	wipe		cadmium		0.597	ug		NIOSH 7300	back seat

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
11502-12	PESH	1/15/2002	Vehicle, Ladder 15	wipe		cobalt	not detected		ug		NIOSH 7300	Dash, top of radio
11502-14	PESH	1/15/2002	Vehicle, Ladder 15	wipe		cobalt	not detected		ug		NIOSH 7300	near ceiling, behind driver
11502-17	PESH	1/15/2002	Vehicle, Ladder 15	wipe		cobalt	not detected		ug		NIOSH 7300	back seat
11502-12	PESH	1/15/2002	Vehicle, Ladder 15	wipe		copper		6.52	ug		NIOSH 7300	Dash, top of radio
11502-14	PESH	1/15/2002	Vehicle, Ladder 15	wipe		copper		2.7	ug		NIOSH 7300	near ceiling, behind driver
11502-17	PESH	1/15/2002	Vehicle, Ladder 15	wipe		copper		1.3	ug		NIOSH 7300	back seat
11502-12	PESH	1/15/2002	Vehicle, Ladder 15	wipe		iron		182	ug		NIOSH 7300	Dash, top of radio
11502-14	PESH	1/15/2002	Vehicle, Ladder 15	wipe		iron		116	ug		NIOSH 7300	near ceiling, behind driver
11502-17	PESH	1/15/2002	Vehicle, Ladder 15	wipe		iron		31.6	ug		NIOSH 7300	back seat
11502-12	PESH	1/15/2002	Vehicle, Ladder 15	wipe		lead		3.63	ug		NIOSH 7300	Dash, top of radio
11502-14	PESH	1/15/2002	Vehicle, Ladder 15	wipe		lead		2.99	ug		NIOSH 7300	near ceiling, behind driver
11502-17	PESH	1/15/2002	Vehicle, Ladder 15	wipe		lead		1.25	ug		NIOSH 7300	back seat
11502-12	PESH	1/15/2002	Vehicle, Ladder 15	wipe		magnesium		151	ug		NIOSH 7300	Dash, top of radio
11502-14	PESH	1/15/2002	Vehicle, Ladder 15	wipe		magnesium		123	ug		NIOSH 7300	near ceiling, behind driver
11502-17	PESH	1/15/2002	Vehicle, Ladder 15	wipe		magnesium		20.2	ug		NIOSH 7300	back seat
11502-12	PESH	1/15/2002	Vehicle, Ladder 15	wipe		manganese		3.2	ug		NIOSH 7300	Dash, top of radio
11502-14	PESH	1/15/2002	Vehicle, Ladder 15	wipe		manganese		3.5	ug		NIOSH 7300	near ceiling, behind driver
11502-17	PESH	1/15/2002	Vehicle, Ladder 15	wipe		manganese		0.54	ug		NIOSH 7300	back seat
11502-15	PESH	1/15/2002	Vehicle, Ladder 15	wipe		mercury	not detected		ug		NIOSH 6900	dashboard, after vents on
11502-12	PESH	1/15/2002	Vehicle, Ladder 15	wipe		nickel		0.73	ug		NIOSH 7300	Dash, top of radio
11502-14	PESH	1/15/2002	Vehicle, Ladder 15	wipe		nickel		0.58	ug		NIOSH 7300	near ceiling, behind driver
11502-17	PESH	1/15/2002	Vehicle, Ladder 15	wipe		nickel	not detected		ug		NIOSH 7300	back seat
11502-12	PESH	1/15/2002	Vehicle, Ladder 15	wipe		zinc		18	ug		NIOSH 7300	Dash, top of radio
11502-14	PESH	1/15/2002	Vehicle, Ladder 15	wipe		zinc		25.8	ug		NIOSH 7300	near ceiling, behind driver
11502-17	PESH	1/15/2002	Vehicle, Ladder 15	wipe		zinc		7.37	ug		NIOSH 7300	back seat
11702-49	PESH	1/17/2002	Engine 22	wipe		asbestos	not detected		%		PLM	ceiling above windshield
11702-15	PESH	1/17/2002	Ladder 9 Firehouse	wipe		asbestos	not detected		%		PLM	floor below turnout gear
11702-50	PESH	1/17/2002	Vehicle, Engine 22	wipe		aluminum		34.8	ug		NIOSH 7300	dashboard
11702-53	PESH	1/17/2002	Vehicle, Engine 22	wipe		aluminum		20.6	ug		NIOSH 7300	floor behind seat, after vents on
11702-52	PESH	1/17/2002	Vehicle, Engine 22	wipe		asbestos	not detected		%		PLM	blower unit near ceiling
11702-50	PESH	1/17/2002	Vehicle, Engine 22	wipe		cadmium		0.304	ug		NIOSH 7300	dashboard
11702-53	PESH	1/17/2002	Vehicle, Engine 22	wipe		cadmium	not detected		ug		NIOSH 7300	floor behind seat, after vents on
11702-50	PESH	1/17/2002	Vehicle, Engine 22	wipe		cobalt	not detected		ug		NIOSH 7300	dashboard
11702-53	PESH	1/17/2002	Vehicle, Engine 22	wipe		cobalt	not detected		ug		NIOSH 7300	floor behind seat, after vents on
11702-50	PESH	1/17/2002	Vehicle, Engine 22	wipe		copper		4.75	ug		NIOSH 7300	dashboard
11702-53	PESH	1/17/2002	Vehicle, Engine 22	wipe		copper		2.86	ug		NIOSH 7300	floor behind seat, after vents on
11702-50	PESH	1/17/2002	Vehicle, Engine 22	wipe		iron		142	ug		NIOSH 7300	dashboard
11702-53	PESH	1/17/2002	Vehicle, Engine 22	wipe		iron		71.9	ug		NIOSH 7300	floor behind seat, after vents on
11702-50	PESH	1/17/2002	Vehicle, Engine 22	wipe		lead		3.61	ug		NIOSH 7300	dashboard
11702-53	PESH	1/17/2002	Vehicle, Engine 22	wipe		lead		2.64	ug		NIOSH 7300	floor behind seat, after vents on
11702-50	PESH	1/17/2002	Vehicle, Engine 22	wipe		magnesium		58.6	ug		NIOSH 7300	dashboard
11702-53	PESH	1/17/2002	Vehicle, Engine 22	wipe		magnesium		88.3	ug		NIOSH 7300	floor behind seat, after vents on
11702-50	PESH	1/17/2002	Vehicle, Engine 22	wipe		manganese		1.83	ug		NIOSH 7300	dashboard
11702-53	PESH	1/17/2002	Vehicle, Engine 22	wipe		manganese		1.26	ug		NIOSH 7300	floor behind seat, after vents on
11702-51	PESH	1/17/2002	Vehicle, Engine 22	wipe		mercury	not detected		ug		NIOSH 6009	floor
11702-50	PESH	1/17/2002	Vehicle, Engine 22	wipe		nickel		0.71	ug		NIOSH 7300	dashboard
11702-53	PESH	1/17/2002	Vehicle, Engine 22	wipe		nickel		0.57	ug		NIOSH 7300	floor behind seat, after vents on
11702-50	PESH	1/17/2002	Vehicle, Engine 22	wipe		zinc		18.5	ug		NIOSH 7300	dashboard
11702-53	PESH	1/17/2002	Vehicle, Engine 22	wipe		zinc		17.5	ug		NIOSH 7300	floor behind seat, after vents on
11702-62	PESH	1/17/2002	Vehicle, Engine 3	wipe		aluminum		10.5	ug		NIOSH 7300	windshield blower
11702-64	PESH	1/17/2002	Vehicle, Engine 3	wipe		aluminum		5.5	ug		NIOSH 7300	windshield blower, after vents
11702-66	PESH	1/17/2002	Vehicle, Engine 3	wipe		aluminum		8.6	ug		NIOSH 7300	rear blower, after vents on

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
11702-61	PESH	1/17/2002	Vehicle, Engine 3	wipe		asbestos	not detected		%		PLM	dashboard
11702-65	PESH	1/17/2002	Vehicle, Engine 3	wipe		asbestos	not detected		%		PLM	ceiling blower after vents on
11702-67	PESH	1/17/2002	Vehicle, Engine 3	wipe		asbestos	not detected		%		PLM	back seat after vents on
11702-62	PESH	1/17/2002	Vehicle, Engine 3	wipe		cadmium	not detected		ug		NIOSH 7300	windshield blower
11702-64	PESH	1/17/2002	Vehicle, Engine 3	wipe		cadmium	not detected		ug		NIOSH 7300	windshield blower, after vents
11702-66	PESH	1/17/2002	Vehicle, Engine 3	wipe		cadmium	not detected		ug		NIOSH 7300	rear blower, after vents on
11702-62	PESH	1/17/2002	Vehicle, Engine 3	wipe		cobalt	not detected		ug		NIOSH 7300	windshield blower
11702-64	PESH	1/17/2002	Vehicle, Engine 3	wipe		cobalt	not detected		ug		NIOSH 7300	windshield blower, after vents
11702-66	PESH	1/17/2002	Vehicle, Engine 3	wipe		cobalt	not detected		ug		NIOSH 7300	rear blower, after vents on
11702-62	PESH	1/17/2002	Vehicle, Engine 3	wipe		copper		1.95	ug		NIOSH 7300	windshield blower
11702-64	PESH	1/17/2002	Vehicle, Engine 3	wipe		copper		1.47	ug		NIOSH 7300	windshield blower, after vents
11702-66	PESH	1/17/2002	Vehicle, Engine 3	wipe		copper		6.82	ug		NIOSH 7300	rear blower, after vents on
11702-62	PESH	1/17/2002	Vehicle, Engine 3	wipe		iron		36.2	ug		NIOSH 7300	windshield blower
11702-64	PESH	1/17/2002	Vehicle, Engine 3	wipe		iron		22.3	ug		NIOSH 7300	windshield blower, after vents
11702-66	PESH	1/17/2002	Vehicle, Engine 3	wipe		iron		38.8	ug		NIOSH 7300	rear blower, after vents on
11702-62	PESH	1/17/2002	Vehicle, Engine 3	wipe		lead		0.97	ug		NIOSH 7300	windshield blower
11702-64	PESH	1/17/2002	Vehicle, Engine 3	wipe		lead		0.74	ug		NIOSH 7300	windshield blower, after vents
11702-66	PESH	1/17/2002	Vehicle, Engine 3	wipe		lead		1.02	ug		NIOSH 7300	rear blower, after vents on
11702-62	PESH	1/17/2002	Vehicle, Engine 3	wipe		magnesium		22.4	ug		NIOSH 7300	windshield blower
11702-64	PESH	1/17/2002	Vehicle, Engine 3	wipe		magnesium		12.6	ug		NIOSH 7300	windshield blower, after vents
11702-66	PESH	1/17/2002	Vehicle, Engine 3	wipe		magnesium		18.1	ug		NIOSH 7300	rear blower, after vents on
11702-62	PESH	1/17/2002	Vehicle, Engine 3	wipe		manganese		0.57	ug		NIOSH 7300	windshield blower
11702-64	PESH	1/17/2002	Vehicle, Engine 3	wipe		manganese		0.3	ug		NIOSH 7300	windshield blower, after vents
11702-66	PESH	1/17/2002	Vehicle, Engine 3	wipe		manganese		0.41	ug		NIOSH 7300	rear blower, after vents on
11702-63	PESH	1/17/2002	Vehicle, Engine 3	wipe		mercury	not detected		ug		NIOSH 6009	ceiling vent above driver's seat
11702-68	PESH	1/17/2002	Vehicle, Engine 3	wipe		mercury	not detected		ug		NIOSH 6009	rear cab floor, after vents on
11702-62	PESH	1/17/2002	Vehicle, Engine 3	wipe		nickel	not detected		ug		NIOSH 7300	windshield blower
11702-64	PESH	1/17/2002	Vehicle, Engine 3	wipe		nickel	not detected		ug		NIOSH 7300	windshield blower, after vents
11702-66	PESH	1/17/2002	Vehicle, Engine 3	wipe		nickel	not detected		ug		NIOSH 7300	rear blower, after vents on
11702-62	PESH	1/17/2002	Vehicle, Engine 3	wipe		zinc		6.47	ug		NIOSH 7300	windshield blower
11702-64	PESH	1/17/2002	Vehicle, Engine 3	wipe		zinc		4.51	ug		NIOSH 7300	windshield blower, after vents
11702-66	PESH	1/17/2002	Vehicle, Engine 3	wipe		zinc		4	ug		NIOSH 7300	rear blower, after vents on
11702-2	PESH	1/17/2002	Vehicle, Engine 33	wipe		aluminum		32.2	ug		NIOSH 7300	middle console
11702-4	PESH	1/17/2002	Vehicle, Engine 33	wipe		aluminum		9.5	ug		NIOSH 7300	middle console, after vents on
11702-7	PESH	1/17/2002	Vehicle, Engine 33	wipe		aluminum		8.6	ug		NIOSH 7300	back seat after vents on
11702-1	PESH	1/17/2002	Vehicle, Engine 33	wipe		asbestos	not detected		%		PLM	dashboard
11702-3	PESH	1/17/2002	Vehicle, Engine 33	wipe		asbestos	not detected		%		PLM	dashboard after vent on
11702-6	PESH	1/17/2002	Vehicle, Engine 33	wipe		asbestos	not detected		%		PLM	rear cab center console, vented
11702-2	PESH	1/17/2002	Vehicle, Engine 33	wipe		cadmium	not detected		ug		NIOSH 7300	middle console
11702-4	PESH	1/17/2002	Vehicle, Engine 33	wipe		cadmium	not detected		ug		NIOSH 7300	middle console, after vents on
11702-7	PESH	1/17/2002	Vehicle, Engine 33	wipe		cadmium	not detected		ug		NIOSH 7300	back seat after vents on
11702-2	PESH	1/17/2002	Vehicle, Engine 33	wipe		cobalt	not detected		ug		NIOSH 7300	middle console
11702-4	PESH	1/17/2002	Vehicle, Engine 33	wipe		cobalt	not detected		ug		NIOSH 7300	middle console, after vents on
11702-7	PESH	1/17/2002	Vehicle, Engine 33	wipe		cobalt	not detected		ug		NIOSH 7300	back seat after vents on
11702-2	PESH	1/17/2002	Vehicle, Engine 33	wipe		copper		4.25	ug		NIOSH 7300	middle console
11702-4	PESH	1/17/2002	Vehicle, Engine 33	wipe		copper		1.88	ug		NIOSH 7300	middle console, after vents on
11702-7	PESH	1/17/2002	Vehicle, Engine 33	wipe		copper		4.82	ug		NIOSH 7300	back seat after vents on
11702-2	PESH	1/17/2002	Vehicle, Engine 33	wipe		iron		96.5	ug		NIOSH 7300	middle console
11702-4	PESH	1/17/2002	Vehicle, Engine 33	wipe		iron		39.5	ug		NIOSH 7300	middle console, after vents on
11702-7	PESH	1/17/2002	Vehicle, Engine 33	wipe		iron		30.5	ug		NIOSH 7300	back seat after vents on
11702-2	PESH	1/17/2002	Vehicle, Engine 33	wipe		lead		3.58	ug		NIOSH 7300	middle console
11702-4	PESH	1/17/2002	Vehicle, Engine 33	wipe		lead		1.48	ug		NIOSH 7300	middle console, after vents on

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
11702-7	PESH	1/17/2002	Vehicle, Engine 33	wipe		lead		1.22 ug			NIOSH 7300	back seat after vents on
11702-2	PESH	1/17/2002	Vehicle, Engine 33	wipe		magnesium		58.7 ug			NIOSH 7300	middle console
11702-4	PESH	1/17/2002	Vehicle, Engine 33	wipe		magnesium		18.1 ug			NIOSH 7300	middle console, after vents on
11702-7	PESH	1/17/2002	Vehicle, Engine 33	wipe		magnesium		16.3 ug			NIOSH 7300	back seat after vents on
11702-2	PESH	1/17/2002	Vehicle, Engine 33	wipe		manganese		1.33 ug			NIOSH 7300	middle console
11702-4	PESH	1/17/2002	Vehicle, Engine 33	wipe		manganese		0.46 ug			NIOSH 7300	middle console, after vents on
11702-7	PESH	1/17/2002	Vehicle, Engine 33	wipe		manganese		0.42 ug			NIOSH 7300	back seat after vents on
11702-5	PESH	1/17/2002	Vehicle, Engine 33	wipe		mercury	not detected	ug			NIOSH 6009	blower near ceiling after vents
11702-2	PESH	1/17/2002	Vehicle, Engine 33	wipe		nickel		0.45 ug			NIOSH 7300	middle console
11702-4	PESH	1/17/2002	Vehicle, Engine 33	wipe		nickel	not detected	ug			NIOSH 7300	middle console, after vents on
11702-7	PESH	1/17/2002	Vehicle, Engine 33	wipe		nickel	not detected	ug			NIOSH 7300	back seat after vents on
11702-2	PESH	1/17/2002	Vehicle, Engine 33	wipe		zinc		10.2 ug			NIOSH 7300	middle console
11702-4	PESH	1/17/2002	Vehicle, Engine 33	wipe		zinc		4.23 ug			NIOSH 7300	middle console, after vents on
11702-7	PESH	1/17/2002	Vehicle, Engine 33	wipe		zinc		4.74 ug			NIOSH 7300	back seat after vents on
11702-38	PESH	1/17/2002	Vehicle, Engine 39	wipe		aluminum		5.7 ug			NIOSH 7300	blower unit near ceiling
11702-40	PESH	1/17/2002	Vehicle, Engine 39	wipe		aluminum		49.4 ug			NIOSH 7300	dashboard, after vents on
11702-43	PESH	1/17/2002	Vehicle, Engine 39	wipe		aluminum		7.1 ug			NIOSH 7300	back seat, after vents on
11702-45	PESH	1/17/2002	Vehicle, Engine 39	wipe		aluminum		3.4 ug			NIOSH 7300	ceiling blower, after vents on
11702-37	PESH	1/17/2002	Vehicle, Engine 39	wipe		asbestos	not detected	%			PLM	dashboard
11702-39	PESH	1/17/2002	Vehicle, Engine 39	wipe		asbestos	not detected	%			PLM	blower unit after vents on
11702-41	PESH	1/17/2002	Vehicle, Engine 39	wipe		asbestos	not detected	%			PLM	ceiling blower unit after vents on
11702-42	PESH	1/17/2002	Vehicle, Engine 39	wipe		asbestos	not detected	%			PLM	rear blower unit after vents on
11702-38	PESH	1/17/2002	Vehicle, Engine 39	wipe		cadmium	not detected	ug			NIOSH 7300	blower unit near ceiling
11702-40	PESH	1/17/2002	Vehicle, Engine 39	wipe		cadmium	not detected	ug			NIOSH 7300	dashboard, after vents on
11702-43	PESH	1/17/2002	Vehicle, Engine 39	wipe		cadmium	not detected	ug			NIOSH 7300	back seat, after vents on
11702-45	PESH	1/17/2002	Vehicle, Engine 39	wipe		cadmium	not detected	ug			NIOSH 7300	ceiling blower, after vents on
11702-38	PESH	1/17/2002	Vehicle, Engine 39	wipe		cobalt	not detected	ug			NIOSH 7300	blower unit near ceiling
11702-40	PESH	1/17/2002	Vehicle, Engine 39	wipe		cobalt	not detected	ug			NIOSH 7300	dashboard, after vents on
11702-43	PESH	1/17/2002	Vehicle, Engine 39	wipe		cobalt	not detected	ug			NIOSH 7300	back seat, after vents on
11702-45	PESH	1/17/2002	Vehicle, Engine 39	wipe		cobalt	not detected	ug			NIOSH 7300	ceiling blower, after vents on
11702-38	PESH	1/17/2002	Vehicle, Engine 39	wipe		copper		1.34 ug			NIOSH 7300	blower unit near ceiling
11702-40	PESH	1/17/2002	Vehicle, Engine 39	wipe		copper		3.72 ug			NIOSH 7300	dashboard, after vents on
11702-43	PESH	1/17/2002	Vehicle, Engine 39	wipe		copper		1.68 ug			NIOSH 7300	back seat, after vents on
11702-45	PESH	1/17/2002	Vehicle, Engine 39	wipe		copper		1.68 ug			NIOSH 7300	ceiling blower, after vents on
11702-38	PESH	1/17/2002	Vehicle, Engine 39	wipe		iron		24.2 ug			NIOSH 7300	blower unit near ceiling
11702-40	PESH	1/17/2002	Vehicle, Engine 39	wipe		iron		104 ug			NIOSH 7300	dashboard, after vents on
11702-43	PESH	1/17/2002	Vehicle, Engine 39	wipe		iron		22.2 ug			NIOSH 7300	back seat, after vents on
11702-45	PESH	1/17/2002	Vehicle, Engine 39	wipe		iron		12.8 ug			NIOSH 7300	ceiling blower, after vents on
11702-38	PESH	1/17/2002	Vehicle, Engine 39	wipe		lead		0.56 ug			NIOSH 7300	blower unit near ceiling
11702-40	PESH	1/17/2002	Vehicle, Engine 39	wipe		lead		3.09 ug			NIOSH 7300	dashboard, after vents on
11702-43	PESH	1/17/2002	Vehicle, Engine 39	wipe		lead		1.04 ug			NIOSH 7300	back seat, after vents on
11702-45	PESH	1/17/2002	Vehicle, Engine 39	wipe		lead		0.454 ug			NIOSH 7300	ceiling blower, after vents on
11702-38	PESH	1/17/2002	Vehicle, Engine 39	wipe		magnesium		13.9 ug			NIOSH 7300	blower unit near ceiling
11702-40	PESH	1/17/2002	Vehicle, Engine 39	wipe		magnesium		70.3 ug			NIOSH 7300	dashboard, after vents on
11702-43	PESH	1/17/2002	Vehicle, Engine 39	wipe		magnesium		12.5 ug			NIOSH 7300	back seat, after vents on
11702-45	PESH	1/17/2002	Vehicle, Engine 39	wipe		magnesium		9.2 ug			NIOSH 7300	ceiling blower, after vents on
11702-38	PESH	1/17/2002	Vehicle, Engine 39	wipe		manganese		0.32 ug			NIOSH 7300	blower unit near ceiling
11702-40	PESH	1/17/2002	Vehicle, Engine 39	wipe		manganese		2.64 ug			NIOSH 7300	dashboard, after vents on
11702-43	PESH	1/17/2002	Vehicle, Engine 39	wipe		manganese		0.31 ug			NIOSH 7300	back seat, after vents on
11702-45	PESH	1/17/2002	Vehicle, Engine 39	wipe		manganese		0.19 ug			NIOSH 7300	ceiling blower, after vents on
11702-44	PESH	1/17/2002	Vehicle, Engine 39	wipe		mercury	not detected	ug			NIOSH 6009	middle console after vents on
11702-38	PESH	1/17/2002	Vehicle, Engine 39	wipe		nickel	not detected	ug			NIOSH 7300	blower unit near ceiling

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
11702-40	PESH	1/17/2002	Vehicle, Engine 39	wipe		nickel		0.475	ug		NIOSH 7300	dashboard, after vents on
11702-43	PESH	1/17/2002	Vehicle, Engine 39	wipe		nickel	not detected		ug		NIOSH 7300	back seat, after vents on
11702-45	PESH	1/17/2002	Vehicle, Engine 39	wipe		nickel	not detected		ug		NIOSH 7300	ceiling blower, after vents on
11702-38	PESH	1/17/2002	Vehicle, Engine 39	wipe		zinc		2.64	ug		NIOSH 7300	blower unit near ceiling
11702-40	PESH	1/17/2002	Vehicle, Engine 39	wipe		zinc		14	ug		NIOSH 7300	dashboard, after vents on
11702-43	PESH	1/17/2002	Vehicle, Engine 39	wipe		zinc		5.07	ug		NIOSH 7300	back seat, after vents on
11702-45	PESH	1/17/2002	Vehicle, Engine 39	wipe		zinc		1.91	ug		NIOSH 7300	ceiling blower, after vents on
11702-55	PESH	1/17/2002	Vehicle, Engine 44	wipe		aluminum		25	ug		NIOSH 7300	dashboard
11702-58	PESH	1/17/2002	Vehicle, Engine 44	wipe		aluminum		9.94	ug		NIOSH 7300	middle console, after vents on
11702-59	PESH	1/17/2002	Vehicle, Engine 44	wipe		aluminum		17.3	ug		NIOSH 7300	rear blower unit, after vents on
11702-54	PESH	1/17/2002	Vehicle, Engine 44	wipe		asbestos	not detected		%		PLM	top of radio
11702-57	PESH	1/17/2002	Vehicle, Engine 44	wipe		asbestos	not detected		%		PLM	ceiling blower after vents on
11702-60	PESH	1/17/2002	Vehicle, Engine 44	wipe		asbestos	not detected		%		PLM	back seat after vents on
11702-55	PESH	1/17/2002	Vehicle, Engine 44	wipe		cadmium	not detected		ug		NIOSH 7300	dashboard
11702-58	PESH	1/17/2002	Vehicle, Engine 44	wipe		cadmium	not detected		ug		NIOSH 7300	middle console, after vents on
11702-59	PESH	1/17/2002	Vehicle, Engine 44	wipe		cadmium		0.158	ug		NIOSH 7300	rear blower unit, after vents on
11702-55	PESH	1/17/2002	Vehicle, Engine 44	wipe		cobalt	not detected		ug		NIOSH 7300	dashboard
11702-58	PESH	1/17/2002	Vehicle, Engine 44	wipe		cobalt	not detected		ug		NIOSH 7300	middle console, after vents on
11702-59	PESH	1/17/2002	Vehicle, Engine 44	wipe		cobalt	not detected		ug		NIOSH 7300	rear blower unit, after vents on
11702-55	PESH	1/17/2002	Vehicle, Engine 44	wipe		copper		3.9	ug		NIOSH 7300	dashboard
11702-58	PESH	1/17/2002	Vehicle, Engine 44	wipe		copper		2.26	ug		NIOSH 7300	middle console, after vents on
11702-59	PESH	1/17/2002	Vehicle, Engine 44	wipe		copper		3.42	ug		NIOSH 7300	rear blower unit, after vents on
11702-55	PESH	1/17/2002	Vehicle, Engine 44	wipe		iron		107	ug		NIOSH 7300	dashboard
11702-58	PESH	1/17/2002	Vehicle, Engine 44	wipe		iron		38.1	ug		NIOSH 7300	middle console, after vents on
11702-59	PESH	1/17/2002	Vehicle, Engine 44	wipe		iron		78.5	ug		NIOSH 7300	rear blower unit, after vents on
11702-55	PESH	1/17/2002	Vehicle, Engine 44	wipe		lead		3.58	ug		NIOSH 7300	dashboard
11702-58	PESH	1/17/2002	Vehicle, Engine 44	wipe		lead		1.77	ug		NIOSH 7300	middle console, after vents on
11702-59	PESH	1/17/2002	Vehicle, Engine 44	wipe		lead		3.35	ug		NIOSH 7300	rear blower unit, after vents on
11702-55	PESH	1/17/2002	Vehicle, Engine 44	wipe		magnesium		44.2	ug		NIOSH 7300	dashboard
11702-58	PESH	1/17/2002	Vehicle, Engine 44	wipe		magnesium		19.4	ug		NIOSH 7300	middle console, after vents on
11702-59	PESH	1/17/2002	Vehicle, Engine 44	wipe		magnesium		30.8	ug		NIOSH 7300	rear blower unit, after vents on
11702-55	PESH	1/17/2002	Vehicle, Engine 44	wipe		manganese		1.18	ug		NIOSH 7300	dashboard
11702-58	PESH	1/17/2002	Vehicle, Engine 44	wipe		manganese		0.46	ug		NIOSH 7300	middle console, after vents on
11702-59	PESH	1/17/2002	Vehicle, Engine 44	wipe		manganese		1.01	ug		NIOSH 7300	rear blower unit, after vents on
11702-56	PESH	1/17/2002	Vehicle, Engine 44	wipe		mercury	not detected		ug		NIOSH 6009	windshield blower unit
11702-55	PESH	1/17/2002	Vehicle, Engine 44	wipe		nickel		0.95	ug		NIOSH 7300	dashboard
11702-58	PESH	1/17/2002	Vehicle, Engine 44	wipe		nickel	not detected		ug		NIOSH 7300	middle console, after vents on
11702-59	PESH	1/17/2002	Vehicle, Engine 44	wipe		nickel		0.51	ug		NIOSH 7300	rear blower unit, after vents on
11702-55	PESH	1/17/2002	Vehicle, Engine 44	wipe		zinc		14.8	ug		NIOSH 7300	dashboard
11702-58	PESH	1/17/2002	Vehicle, Engine 44	wipe		zinc		6.8	ug		NIOSH 7300	middle console, after vents on
11702-59	PESH	1/17/2002	Vehicle, Engine 44	wipe		zinc		10.7	ug		NIOSH 7300	rear blower unit, after vents on
11702-23	PESH	1/17/2002	Vehicle, Engine 5	wipe		aluminum		18.1	ug		NIOSH 7300	dashboard
11702-25	PESH	1/17/2002	Vehicle, Engine 5	wipe		aluminum	not detected		ug		NIOSH 7300	front seat, vents on
11702-27	PESH	1/17/2002	Vehicle, Engine 5	wipe		aluminum		11.7	ug		NIOSH 7300	middle console, after vents on
11702-22	PESH	1/17/2002	Vehicle, Engine 5	wipe		asbestos	not detected		%		PLM	dashboard
11702-24	PESH	1/17/2002	Vehicle, Engine 5	wipe		asbestos	not detected		%		PLM	floor blower unit, after vents on
11702-26	PESH	1/17/2002	Vehicle, Engine 5	wipe		asbestos	not detected		%		PLM	rear cab blower unit
11702-23	PESH	1/17/2002	Vehicle, Engine 5	wipe		cadmium	not detected		ug		NIOSH 7300	dashboard
11702-25	PESH	1/17/2002	Vehicle, Engine 5	wipe		cadmium	not detected		ug		NIOSH 7300	front seat, vents on
11702-27	PESH	1/17/2002	Vehicle, Engine 5	wipe		cadmium	not detected		ug		NIOSH 7300	middle console, after vents on
11702-23	PESH	1/17/2002	Vehicle, Engine 5	wipe		cobalt	not detected		ug		NIOSH 7300	dashboard
11702-25	PESH	1/17/2002	Vehicle, Engine 5	wipe		cobalt	not detected		ug		NIOSH 7300	front seat, vents on

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
11702-27	PESH	1/17/2002	Vehicle, Engine 5	wipe		cobalt	not detected		ug		NIOSH 7300	middle console, after vents on
11702-23	PESH	1/17/2002	Vehicle, Engine 5	wipe		copper		2.93	ug		NIOSH 7300	dashboard
11702-25	PESH	1/17/2002	Vehicle, Engine 5	wipe		copper		1.78	ug		NIOSH 7300	front seat, vents on
11702-27	PESH	1/17/2002	Vehicle, Engine 5	wipe		copper		2.87	ug		NIOSH 7300	middle console, after vents on
11702-23	PESH	1/17/2002	Vehicle, Engine 5	wipe		iron		76.6	ug		NIOSH 7300	dashboard
11702-25	PESH	1/17/2002	Vehicle, Engine 5	wipe		iron		10.6	ug		NIOSH 7300	front seat, vents on
11702-27	PESH	1/17/2002	Vehicle, Engine 5	wipe		iron		39.7	ug		NIOSH 7300	middle console, after vents on
11702-23	PESH	1/17/2002	Vehicle, Engine 5	wipe		lead		2.36	ug		NIOSH 7300	dashboard
11702-25	PESH	1/17/2002	Vehicle, Engine 5	wipe		lead		0.43	ug		NIOSH 7300	front seat, vents on
11702-27	PESH	1/17/2002	Vehicle, Engine 5	wipe		lead		3.94	ug		NIOSH 7300	middle console, after vents on
11702-23	PESH	1/17/2002	Vehicle, Engine 5	wipe		magnesium		34.8	ug		NIOSH 7300	dashboard
11702-25	PESH	1/17/2002	Vehicle, Engine 5	wipe		magnesium		8.14	ug		NIOSH 7300	front seat, vents on
11702-27	PESH	1/17/2002	Vehicle, Engine 5	wipe		magnesium		18.3	ug		NIOSH 7300	middle console, after vents on
11702-23	PESH	1/17/2002	Vehicle, Engine 5	wipe		manganese		1	ug		NIOSH 7300	dashboard
11702-25	PESH	1/17/2002	Vehicle, Engine 5	wipe		manganese		0.15	ug		NIOSH 7300	front seat, vents on
11702-27	PESH	1/17/2002	Vehicle, Engine 5	wipe		manganese		0.51	ug		NIOSH 7300	middle console, after vents on
11702-28	PESH	1/17/2002	Vehicle, Engine 5	wipe		mercury	not detected		ug		NIOSH 6009	rear cab floor, after vents on
11702-23	PESH	1/17/2002	Vehicle, Engine 5	wipe		nickel		0.53	ug		NIOSH 7300	dashboard
11702-25	PESH	1/17/2002	Vehicle, Engine 5	wipe		nickel	not detected		ug		NIOSH 7300	front seat, vents on
11702-27	PESH	1/17/2002	Vehicle, Engine 5	wipe		nickel	not detected		ug		NIOSH 7300	middle console, after vents on
11702-23	PESH	1/17/2002	Vehicle, Engine 5	wipe		zinc		9.7	ug		NIOSH 7300	dashboard
11702-25	PESH	1/17/2002	Vehicle, Engine 5	wipe		zinc		2.34	ug		NIOSH 7300	front seat, vents on
11702-27	PESH	1/17/2002	Vehicle, Engine 5	wipe		zinc		12.3	ug		NIOSH 7300	middle console, after vents on
11702-70	PESH	1/17/2002	Vehicle, Ladder 12	wipe		aluminum		12	ug		NIOSH 7300	windshield blower
11702-73	PESH	1/17/2002	Vehicle, Ladder 12	wipe		aluminum		7.4	ug		NIOSH 7300	front cab ceiling blower, after
11702-72	PESH	1/17/2002	Vehicle, Ladder 12	wipe		asbestos	not detected		%		PLM	windshield blower after vents o
11702-75	PESH	1/17/2002	Vehicle, Ladder 12	wipe		asbestos	not detected		%		PLM	rear cab blower, AC unit
11702-70	PESH	1/17/2002	Vehicle, Ladder 12	wipe		cadmium	not detected		ug		NIOSH 7300	windshield blower
11702-73	PESH	1/17/2002	Vehicle, Ladder 12	wipe		cadmium	not detected		ug		NIOSH 7300	front cab ceiling blower, after
11702-70	PESH	1/17/2002	Vehicle, Ladder 12	wipe		cobalt	not detected		ug		NIOSH 7300	windshield blower
11702-73	PESH	1/17/2002	Vehicle, Ladder 12	wipe		cobalt	not detected		ug		NIOSH 7300	front cab ceiling blower, after
11702-70	PESH	1/17/2002	Vehicle, Ladder 12	wipe		copper		1.84	ug		NIOSH 7300	windshield blower
11702-73	PESH	1/17/2002	Vehicle, Ladder 12	wipe		copper		1.42	ug		NIOSH 7300	front cab ceiling blower, after
11702-70	PESH	1/17/2002	Vehicle, Ladder 12	wipe		iron		25.8	ug		NIOSH 7300	windshield blower
11702-73	PESH	1/17/2002	Vehicle, Ladder 12	wipe		iron		22	ug		NIOSH 7300	front cab ceiling blower, after
11702-70	PESH	1/17/2002	Vehicle, Ladder 12	wipe		lead		2.18	ug		NIOSH 7300	windshield blower
11702-73	PESH	1/17/2002	Vehicle, Ladder 12	wipe		lead		0.7	ug		NIOSH 7300	front cab ceiling blower, after
11702-70	PESH	1/17/2002	Vehicle, Ladder 12	wipe		magnesium		21.3	ug		NIOSH 7300	windshield blower
11702-73	PESH	1/17/2002	Vehicle, Ladder 12	wipe		magnesium		15.8	ug		NIOSH 7300	front cab ceiling blower, after
11702-70	PESH	1/17/2002	Vehicle, Ladder 12	wipe		manganese		0.64	ug		NIOSH 7300	windshield blower
11702-73	PESH	1/17/2002	Vehicle, Ladder 12	wipe		manganese		0.36	ug		NIOSH 7300	front cab ceiling blower, after
11702-71	PESH	1/17/2002	Vehicle, Ladder 12	wipe		mercury	not detected		ug		NIOSH 6009	middle console
11702-70	PESH	1/17/2002	Vehicle, Ladder 12	wipe		nickel	not detected		ug		NIOSH 7300	windshield blower
11702-73	PESH	1/17/2002	Vehicle, Ladder 12	wipe		nickel	not detected		ug		NIOSH 7300	front cab ceiling blower, after
11702-70	PESH	1/17/2002	Vehicle, Ladder 12	wipe		zinc		4.84	ug		NIOSH 7300	windshield blower
11702-73	PESH	1/17/2002	Vehicle, Ladder 12	wipe		zinc		3.3	ug		NIOSH 7300	front cab ceiling blower, after
11702-74	PESH	1/17/2002	Vehicle, Ladder 12	wipe		aluminum		6	ug		NIOSH 7300	back seat, after vents on
11702-69	PESH	1/17/2002	Vehicle, Ladder 12	wipe		asbestos	not detected		%		PLM	dashboard
11702-74	PESH	1/17/2002	Vehicle, Ladder 12	wipe		cadmium		0.62	ug		NIOSH 7300	back seat, after vents on
11702-74	PESH	1/17/2002	Vehicle, Ladder 12	wipe		cobalt	not detected		ug		NIOSH 7300	back seat, after vents on

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
11702-74	PESH	1/17/2002	Vehicle, Ladder 12	wipe		copper		1.74 ug			NIOSH 7300	back seat, after vents on
11702-74	PESH	1/17/2002	Vehicle, Ladder 12	wipe		iron		22.7 ug			NIOSH 7300	back seat, after vents on
11702-74	PESH	1/17/2002	Vehicle, Ladder 12	wipe		lead		1.02 ug			NIOSH 7300	back seat, after vents on
11702-74	PESH	1/17/2002	Vehicle, Ladder 12	wipe		magnesium		14.6 ug			NIOSH 7300	back seat, after vents on
11702-74	PESH	1/17/2002	Vehicle, Ladder 12	wipe		manganese		0.31 ug			NIOSH 7300	back seat, after vents on
11702-74	PESH	1/17/2002	Vehicle, Ladder 12	wipe		nickel	not detected	ug			NIOSH 7300	back seat, after vents on
11702-74	PESH	1/17/2002	Vehicle, Ladder 12	wipe		zinc		4.64 ug			NIOSH 7300	back seat, after vents on
11702-47	PESH	1/17/2002	Vehicle, Ladder 13	wipe		aluminum		10.8 ug			NIOSH 7300	middle console
11702-46	PESH	1/17/2002	Vehicle, Ladder 13	wipe		asbestos	not detected	%			PLM	dashboard
11702-47	PESH	1/17/2002	Vehicle, Ladder 13	wipe		cadmium	not detected	ug			NIOSH 7300	middle console
11702-47	PESH	1/17/2002	Vehicle, Ladder 13	wipe		cobalt	not detected	ug			NIOSH 7300	middle console
11702-47	PESH	1/17/2002	Vehicle, Ladder 13	wipe		copper		1.79 ug			NIOSH 7300	middle console
11702-47	PESH	1/17/2002	Vehicle, Ladder 13	wipe		iron		28.1 ug			NIOSH 7300	middle console
11702-47	PESH	1/17/2002	Vehicle, Ladder 13	wipe		lead		1.2 ug			NIOSH 7300	middle console
11702-47	PESH	1/17/2002	Vehicle, Ladder 13	wipe		magnesium		14.5 ug			NIOSH 7300	middle console
11702-47	PESH	1/17/2002	Vehicle, Ladder 13	wipe		manganese		0.33 ug			NIOSH 7300	middle console
11702-48	PESH	1/17/2002	Vehicle, Ladder 13	wipe		mercury	not detected	ug			NIOSH 6009	blower unit near windshield
11702-47	PESH	1/17/2002	Vehicle, Ladder 13	wipe		nickel	not detected	ug			NIOSH 7300	middle console
11702-47	PESH	1/17/2002	Vehicle, Ladder 13	wipe		zinc		4.39 ug			NIOSH 7300	middle console
11702-30	PESH	1/17/2002	Vehicle, Ladder 16	wipe		aluminum		7.3 ug			NIOSH 7300	middle console
11702-32	PESH	1/17/2002	Vehicle, Ladder 16	wipe		aluminum		17.9 ug			NIOSH 7300	middle console after vents on
11702-35	PESH	1/17/2002	Vehicle, Ladder 16	wipe		aluminum		1990 ug			NIOSH 7300	ceiling vent, after vents on
11702-29	PESH	1/17/2002	Vehicle, Ladder 16	wipe		asbestos	not detected	%			PLM	dash
11702-31	PESH	1/17/2002	Vehicle, Ladder 16	wipe		asbestos	not detected	%			PLM	windshield blower after vents o
11702-34	PESH	1/17/2002	Vehicle, Ladder 16	wipe		asbestos	not detected	%			PLM	rear ceiling vent after vents on
11702-30	PESH	1/17/2002	Vehicle, Ladder 16	wipe		cadmium	not detected	ug			NIOSH 7300	middle console
11702-32	PESH	1/17/2002	Vehicle, Ladder 16	wipe		cadmium		0.242 ug			NIOSH 7300	middle console after vents on
11702-35	PESH	1/17/2002	Vehicle, Ladder 16	wipe		cadmium		1.75 ug			NIOSH 7300	ceiling vent, after vents on
11702-30	PESH	1/17/2002	Vehicle, Ladder 16	wipe		cobalt	not detected	ug			NIOSH 7300	middle console
11702-32	PESH	1/17/2002	Vehicle, Ladder 16	wipe		cobalt	not detected	ug			NIOSH 7300	middle console after vents on
11702-35	PESH	1/17/2002	Vehicle, Ladder 16	wipe		cobalt		0.703 ug			NIOSH 7300	ceiling vent, after vents on
11702-30	PESH	1/17/2002	Vehicle, Ladder 16	wipe		copper		2.31 ug			NIOSH 7300	middle console
11702-32	PESH	1/17/2002	Vehicle, Ladder 16	wipe		copper		3.4 ug			NIOSH 7300	middle console after vents on
11702-35	PESH	1/17/2002	Vehicle, Ladder 16	wipe		copper		54.8 ug			NIOSH 7300	ceiling vent, after vents on
11702-30	PESH	1/17/2002	Vehicle, Ladder 16	wipe		iron		34.7 ug			NIOSH 7300	middle console
11702-32	PESH	1/17/2002	Vehicle, Ladder 16	wipe		iron		82.8 ug			NIOSH 7300	middle console after vents on
11702-35	PESH	1/17/2002	Vehicle, Ladder 16	wipe		iron		1610 ug			NIOSH 7300	ceiling vent, after vents on
11702-30	PESH	1/17/2002	Vehicle, Ladder 16	wipe		lead		1.19 ug			NIOSH 7300	middle console
11702-32	PESH	1/17/2002	Vehicle, Ladder 16	wipe		lead		4.35 ug			NIOSH 7300	middle console after vents on
11702-35	PESH	1/17/2002	Vehicle, Ladder 16	wipe		lead		44.5 ug			NIOSH 7300	ceiling vent, after vents on
11702-30	PESH	1/17/2002	Vehicle, Ladder 16	wipe		magnesium		16.6 ug			NIOSH 7300	middle console
11702-32	PESH	1/17/2002	Vehicle, Ladder 16	wipe		magnesium		37.5 ug			NIOSH 7300	middle console after vents on
11702-35	PESH	1/17/2002	Vehicle, Ladder 16	wipe		magnesium		2520 ug			NIOSH 7300	ceiling vent, after vents on
11702-30	PESH	1/17/2002	Vehicle, Ladder 16	wipe		manganese		0.38 ug			NIOSH 7300	middle console
11702-32	PESH	1/17/2002	Vehicle, Ladder 16	wipe		manganese		1.13 ug			NIOSH 7300	middle console after vents on
11702-35	PESH	1/17/2002	Vehicle, Ladder 16	wipe		manganese		99.8 ug			NIOSH 7300	ceiling vent, after vents on
11702-33	PESH	1/17/2002	Vehicle, Ladder 16	wipe		mercury	not detected	ug			NIOSH 6009	driver seat, after vents on
11702-36	PESH	1/17/2002	Vehicle, Ladder 16	wipe		mercury	not detected	ug			NIOSH 6009	rear cab floor, after vents on
11702-30	PESH	1/17/2002	Vehicle, Ladder 16	wipe		nickel	not detected	ug			NIOSH 7300	middle console
11702-32	PESH	1/17/2002	Vehicle, Ladder 16	wipe		nickel		0.37 ug			NIOSH 7300	middle console after vents on

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
11702-35	PESH	1/17/2002	Vehicle, Ladder 16	wipe		nickel		1.31 ug			NIOSH 7300	ceiling vent, after vents on
11702-30	PESH	1/17/2002	Vehicle, Ladder 16	wipe		zinc		6.22 ug			NIOSH 7300	middle console
11702-32	PESH	1/17/2002	Vehicle, Ladder 16	wipe		zinc		13.3 ug			NIOSH 7300	middle console after vents on
11702-35	PESH	1/17/2002	Vehicle, Ladder 16	wipe		zinc		241 ug			NIOSH 7300	ceiling vent, after vents on
11702-17	PESH	1/17/2002	Vehicle, Ladder 7	wipe		aluminum		103 ug			NIOSH 7300	top of clipboard
11702-20	PESH	1/17/2002	Vehicle, Ladder 7	wipe		aluminum		6.1 ug			NIOSH 7300	rear cab wall, after vents on
11702-16	PESH	1/17/2002	Vehicle, Ladder 7	wipe		asbestos	not detected	%			PLM	top of dash radio
11702-19	PESH	1/17/2002	Vehicle, Ladder 7	wipe		asbestos	not detected	%			PLM	blower near windshield, vent on
11702-21	PESH	1/17/2002	Vehicle, Ladder 7	wipe		asbestos	not detected	%			PLM	outside of truck, airbag unit
11702-17	PESH	1/17/2002	Vehicle, Ladder 7	wipe		cadmium	not detected	ug			NIOSH 7300	top of clipboard
11702-20	PESH	1/17/2002	Vehicle, Ladder 7	wipe		cadmium		0.204 ug			NIOSH 7300	rear cab wall, after vents on
11702-17	PESH	1/17/2002	Vehicle, Ladder 7	wipe		cobalt	not detected	ug			NIOSH 7300	top of clipboard
11702-20	PESH	1/17/2002	Vehicle, Ladder 7	wipe		cobalt	not detected	ug			NIOSH 7300	rear cab wall, after vents on
11702-17	PESH	1/17/2002	Vehicle, Ladder 7	wipe		copper		1.84 ug			NIOSH 7300	top of clipboard
11702-20	PESH	1/17/2002	Vehicle, Ladder 7	wipe		copper		1.58 ug			NIOSH 7300	rear cab wall, after vents on
11702-17	PESH	1/17/2002	Vehicle, Ladder 7	wipe		iron		26.7 ug			NIOSH 7300	top of clipboard
11702-20	PESH	1/17/2002	Vehicle, Ladder 7	wipe		iron		25.6 ug			NIOSH 7300	rear cab wall, after vents on
11702-17	PESH	1/17/2002	Vehicle, Ladder 7	wipe		lead		0.77 ug			NIOSH 7300	top of clipboard
11702-20	PESH	1/17/2002	Vehicle, Ladder 7	wipe		lead		1.03 ug			NIOSH 7300	rear cab wall, after vents on
11702-17	PESH	1/17/2002	Vehicle, Ladder 7	wipe		magnesium		22.6 ug			NIOSH 7300	top of clipboard
11702-20	PESH	1/17/2002	Vehicle, Ladder 7	wipe		magnesium		12.9 ug			NIOSH 7300	rear cab wall, after vents on
11702-17	PESH	1/17/2002	Vehicle, Ladder 7	wipe		manganese		0.49 ug			NIOSH 7300	top of clipboard
11702-20	PESH	1/17/2002	Vehicle, Ladder 7	wipe		manganese		0.3 ug			NIOSH 7300	rear cab wall, after vents on
11702-18	PESH	1/17/2002	Vehicle, Ladder 7	wipe		mercury	not detected	ug			NIOSH 6009	dashboard
11702-17	PESH	1/17/2002	Vehicle, Ladder 7	wipe		nickel		0.33 ug			NIOSH 7300	top of clipboard
11702-20	PESH	1/17/2002	Vehicle, Ladder 7	wipe		nickel	not detected	ug			NIOSH 7300	rear cab wall, after vents on
11702-17	PESH	1/17/2002	Vehicle, Ladder 7	wipe		zinc		4.28 ug			NIOSH 7300	top of clipboard
11702-20	PESH	1/17/2002	Vehicle, Ladder 7	wipe		zinc		5.14 ug			NIOSH 7300	rear cab wall, after vents on
11702-9	PESH	1/17/2002	Vehicle, Ladder 9	wipe		aluminum		40.6 ug			NIOSH 7300	front seat
11702-11	PESH	1/17/2002	Vehicle, Ladder 9	wipe		aluminum		45.7 ug			NIOSH 7300	R side floor, after vents on
11702-14	PESH	1/17/2002	Vehicle, Ladder 9	wipe		aluminum		10.9 ug			NIOSH 7300	back seat after vents on
11702-8	PESH	1/17/2002	Vehicle, Ladder 9	wipe		asbestos	not detected	%			PLM	dashboard
11702-10	PESH	1/17/2002	Vehicle, Ladder 9	wipe		asbestos	not detected	%			PLM	dash
11702-13	PESH	1/17/2002	Vehicle, Ladder 9	wipe		asbestos	not detected	%			PLM	rear cab console, after vents on
11702-9	PESH	1/17/2002	Vehicle, Ladder 9	wipe		cadmium		0.535 ug			NIOSH 7300	front seat
11702-11	PESH	1/17/2002	Vehicle, Ladder 9	wipe		cadmium		0.476 ug			NIOSH 7300	R side floor, after vents on
11702-14	PESH	1/17/2002	Vehicle, Ladder 9	wipe		cadmium		0.423 ug			NIOSH 7300	back seat after vents on
11702-9	PESH	1/17/2002	Vehicle, Ladder 9	wipe		cobalt	not detected	ug			NIOSH 7300	front seat
11702-11	PESH	1/17/2002	Vehicle, Ladder 9	wipe		cobalt	not detected	ug			NIOSH 7300	R side floor, after vents on
11702-14	PESH	1/17/2002	Vehicle, Ladder 9	wipe		cobalt	not detected	ug			NIOSH 7300	back seat after vents on
11702-9	PESH	1/17/2002	Vehicle, Ladder 9	wipe		copper		6.56 ug			NIOSH 7300	front seat
11702-11	PESH	1/17/2002	Vehicle, Ladder 9	wipe		copper		6.21 ug			NIOSH 7300	R side floor, after vents on
11702-14	PESH	1/17/2002	Vehicle, Ladder 9	wipe		copper		2.39 ug			NIOSH 7300	back seat after vents on
11702-9	PESH	1/17/2002	Vehicle, Ladder 9	wipe		iron		190 ug			NIOSH 7300	front seat
11702-11	PESH	1/17/2002	Vehicle, Ladder 9	wipe		iron		578 ug			NIOSH 7300	R side floor, after vents on
11702-14	PESH	1/17/2002	Vehicle, Ladder 9	wipe		iron		40.7 ug			NIOSH 7300	back seat after vents on
11702-9	PESH	1/17/2002	Vehicle, Ladder 9	wipe		lead		11.2 ug			NIOSH 7300	front seat
11702-11	PESH	1/17/2002	Vehicle, Ladder 9	wipe		lead		9.1 ug			NIOSH 7300	R side floor, after vents on
11702-14	PESH	1/17/2002	Vehicle, Ladder 9	wipe		lead		2.29 ug			NIOSH 7300	back seat after vents on
11702-9	PESH	1/17/2002	Vehicle, Ladder 9	wipe		magnesium		53.4 ug			NIOSH 7300	front seat

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
11702-11	PESH	1/17/2002	Vehicle, Ladder 9	wipe		magnesium		73.6	ug		NIOSH 7300	R side floor, after vents on
11702-14	PESH	1/17/2002	Vehicle, Ladder 9	wipe		magnesium		16	ug		NIOSH 7300	back seat after vents on
11702-9	PESH	1/17/2002	Vehicle, Ladder 9	wipe		manganese		1.95	ug		NIOSH 7300	front seat
11702-11	PESH	1/17/2002	Vehicle, Ladder 9	wipe		manganese		3.42	ug		NIOSH 7300	R side floor, after vents on
11702-14	PESH	1/17/2002	Vehicle, Ladder 9	wipe		manganese		0.44	ug		NIOSH 7300	back seat after vents on
11702-12	PESH	1/17/2002	Vehicle, Ladder 9	wipe		mercury	not detected		ug		NIOSH 6009	driver side floor, after vents on
11702-9	PESH	1/17/2002	Vehicle, Ladder 9	wipe		nickel		1.11	ug		NIOSH 7300	front seat
11702-11	PESH	1/17/2002	Vehicle, Ladder 9	wipe		nickel		0.81	ug		NIOSH 7300	R side floor, after vents on
11702-14	PESH	1/17/2002	Vehicle, Ladder 9	wipe		nickel		0.71	ug		NIOSH 7300	back seat after vents on
11702-9	PESH	1/17/2002	Vehicle, Ladder 9	wipe		zinc		45.6	ug		NIOSH 7300	front seat
11702-11	PESH	1/17/2002	Vehicle, Ladder 9	wipe		zinc		26.5	ug		NIOSH 7300	R side floor, after vents on
11702-14	PESH	1/17/2002	Vehicle, Ladder 9	wipe		zinc		14.5	ug		NIOSH 7300	back seat after vents on
L78357-1	PESH	1/22/2002	FDNY Ladder 40	wipe		aluminum		114	ug		NIOSH 7300	steering wheel
L78357-2	PESH	1/22/2002	FDNY Ladder 40	wipe		aluminum		163	ug		NIOSH 7300	dashboard
L78357-3	PESH	1/22/2002	FDNY Ladder 40	wipe		aluminum		73.5	ug		NIOSH 7300	right front seat, after vents on
L78357-4	PESH	1/22/2002	FDNY Ladder 40	wipe		aluminum		90.2	ug		NIOSH 7300	sample blank
L78357-1	PESH	1/22/2002	FDNY Ladder 40	wipe		cadmium	not detected		ug		NIOSH 7300	steering wheel
L78357-2	PESH	1/22/2002	FDNY Ladder 40	wipe		cadmium		0.16	ug		NIOSH 7300	dashboard
L78357-3	PESH	1/22/2002	FDNY Ladder 40	wipe		cadmium	not detected		ug		NIOSH 7300	right front seat, after vents on
L78357-4	PESH	1/22/2002	FDNY Ladder 40	wipe		cadmium	not detected		ug		NIOSH 7300	sample blank
L78357-1	PESH	1/22/2002	FDNY Ladder 40	wipe		cobalt	not detected		ug		NIOSH 7300	steering wheel
L78357-2	PESH	1/22/2002	FDNY Ladder 40	wipe		cobalt	not detected		ug		NIOSH 7300	dashboard
L78357-3	PESH	1/22/2002	FDNY Ladder 40	wipe		cobalt	not detected		ug		NIOSH 7300	right front seat, after vents on
L78357-4	PESH	1/22/2002	FDNY Ladder 40	wipe		cobalt	not detected		ug		NIOSH 7300	sample blank
L78357-1	PESH	1/22/2002	FDNY Ladder 40	wipe		copper		2.99	ug		NIOSH 7300	steering wheel
L78357-2	PESH	1/22/2002	FDNY Ladder 40	wipe		copper		4.08	ug		NIOSH 7300	dashboard
L78357-3	PESH	1/22/2002	FDNY Ladder 40	wipe		copper		0.83	ug		NIOSH 7300	right front seat, after vents on
L78357-4	PESH	1/22/2002	FDNY Ladder 40	wipe		copper	not detected		ug		NIOSH 7300	sample blank
L78357-1	PESH	1/22/2002	FDNY Ladder 40	wipe		iron		27.9	ug		NIOSH 7300	steering wheel
L78357-2	PESH	1/22/2002	FDNY Ladder 40	wipe		iron		148	ug		NIOSH 7300	dashboard
L78357-3	PESH	1/22/2002	FDNY Ladder 40	wipe		iron	not detected		ug		NIOSH 7300	right front seat, after vents on
L78357-4	PESH	1/22/2002	FDNY Ladder 40	wipe		iron	not detected		ug		NIOSH 7300	sample blank
L78357-1	PESH	1/22/2002	FDNY Ladder 40	wipe		lead		1.24	ug		NIOSH 7300	steering wheel
L78357-2	PESH	1/22/2002	FDNY Ladder 40	wipe		lead		2.27	ug		NIOSH 7300	dashboard
L78357-3	PESH	1/22/2002	FDNY Ladder 40	wipe		lead	not detected		ug		NIOSH 7300	right front seat, after vents on
L78357-4	PESH	1/22/2002	FDNY Ladder 40	wipe		lead	not detected		ug		NIOSH 7300	sample blank
L78357-1	PESH	1/22/2002	FDNY Ladder 40	wipe		magnesium		17.2	ug		NIOSH 7300	steering wheel
L78357-2	PESH	1/22/2002	FDNY Ladder 40	wipe		magnesium		57.3	ug		NIOSH 7300	dashboard
L78357-3	PESH	1/22/2002	FDNY Ladder 40	wipe		magnesium		7.83	ug		NIOSH 7300	right front seat, after vents on
L78357-4	PESH	1/22/2002	FDNY Ladder 40	wipe		magnesium		8.75	ug		NIOSH 7300	sample blank
L78357-1	PESH	1/22/2002	FDNY Ladder 40	wipe		manganese		0.47	ug		NIOSH 7300	steering wheel
L78357-2	PESH	1/22/2002	FDNY Ladder 40	wipe		manganese		2.04	ug		NIOSH 7300	dashboard
L78357-3	PESH	1/22/2002	FDNY Ladder 40	wipe		manganese	not detected		ug		NIOSH 7300	right front seat, after vents on
L78357-4	PESH	1/22/2002	FDNY Ladder 40	wipe		manganese	not detected		ug		NIOSH 7300	sample blank
L78357-1	PESH	1/22/2002	FDNY Ladder 40	wipe		nickel		0.66	ug		NIOSH 7300	steering wheel
L78357-2	PESH	1/22/2002	FDNY Ladder 40	wipe		nickel		1.34	ug		NIOSH 7300	dashboard
L78357-3	PESH	1/22/2002	FDNY Ladder 40	wipe		nickel	not detected		ug		NIOSH 7300	right front seat, after vents on
L78357-4	PESH	1/22/2002	FDNY Ladder 40	wipe		nickel	not detected		ug		NIOSH 7300	sample blank
L78357-1	PESH	1/22/2002	FDNY Ladder 40	wipe		zinc		191	ug		NIOSH 7300	steering wheel
L78357-2	PESH	1/22/2002	FDNY Ladder 40	wipe		zinc		170	ug		NIOSH 7300	dashboard

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
L78357-3	PESH	1/22/2002	FDNY Ladder 40	wipe		zinc		121 ug			NIOSH 7300	right front seat, after vents on*
L78357-4	PESH	1/22/2002	FDNY Ladder 40	wipe		zinc		150 ug			NIOSH 7300	sample blank
L78357-5	PESH	1/22/2002	FDNY, Engine 283	wipe		aluminum		102 ug			NIOSH 7300	front center console
L78357-6	PESH	1/22/2002	FDNY, Engine 283	wipe		aluminum		46.7 ug			NIOSH 7300	dashboard, after vents were on
L78357-5	PESH	1/22/2002	FDNY, Engine 283	wipe		cadmium	not detected	ug			NIOSH 7300	front center console
L78357-6	PESH	1/22/2002	FDNY, Engine 283	wipe		cadmium	not detected	ug			NIOSH 7300	dashboard, after vents were on
L78357-5	PESH	1/22/2002	FDNY, Engine 283	wipe		cobalt	not detected	ug			NIOSH 7300	front center console
L78357-6	PESH	1/22/2002	FDNY, Engine 283	wipe		cobalt	not detected	ug			NIOSH 7300	dashboard, after vents were on
L78357-5	PESH	1/22/2002	FDNY, Engine 283	wipe		copper		2.38 ug			NIOSH 7300	front center console
L78357-6	PESH	1/22/2002	FDNY, Engine 283	wipe		copper	not detected	ug			NIOSH 7300	dashboard, after vents were on
L78357-5	PESH	1/22/2002	FDNY, Engine 283	wipe		iron		77 ug			NIOSH 7300	front center console
L78357-6	PESH	1/22/2002	FDNY, Engine 283	wipe		iron	not detected	ug			NIOSH 7300	dashboard, after vents were on
L78357-5	PESH	1/22/2002	FDNY, Engine 283	wipe		lead		1.92 ug			NIOSH 7300	front center console
L78357-6	PESH	1/22/2002	FDNY, Engine 283	wipe		lead	not detected	ug			NIOSH 7300	dashboard, after vents were on
L78357-5	PESH	1/22/2002	FDNY, Engine 283	wipe		magnesium		15.2 ug			NIOSH 7300	front center console
L78357-6	PESH	1/22/2002	FDNY, Engine 283	wipe		magnesium		5.81 ug			NIOSH 7300	dashboard, after vents were on
L78357-5	PESH	1/22/2002	FDNY, Engine 283	wipe		manganese		1.04 ug			NIOSH 7300	front center console
L78357-6	PESH	1/22/2002	FDNY, Engine 283	wipe		manganese	not detected	ug			NIOSH 7300	dashboard, after vents were on
L78357-5	PESH	1/22/2002	FDNY, Engine 283	wipe		nickel		0.5 ug			NIOSH 7300	front center console
L78357-6	PESH	1/22/2002	FDNY, Engine 283	wipe		nickel	not detected	ug			NIOSH 7300	dashboard, after vents were on
L78357-5	PESH	1/22/2002	FDNY, Engine 283	wipe		zinc		132 ug			NIOSH 7300	front center console
L78357-6	PESH	1/22/2002	FDNY, Engine 283	wipe		zinc		99.2 ug			NIOSH 7300	dashboard, after vents were on
L78497-1	PESH	1/23/2002	NYPD, Fresh Kills	personal	315	mercury vapor	not detected	ug/m3		50	NIOSH 6009	evidence collection, landfill
L78497-2	PESH	1/23/2002	NYPD, Fresh Kills	personal	260	mercury vapor	not detected	ug/m3		50	NIOSH 6009	evidence collection, landfill
L78499-1	PESH	1/23/2002	NYPD, Fresh Kills	personal	360	mercury vapor	not detected	ug/m3		50	NIOSH 6009	evidence collection, landfill
L78499-2	PESH	1/23/2002	NYPD, Fresh Kills	personal	251	mercury vapor	not detected	ug/m3		50	NIOSH 6009	evidence collection, landfill
L78498-1	PESH	1/23/2002	NYPD, Fresh Kills	personal	360	mercury vapor	not detected	ug/m3		50	NIOSH 6009	evidence collection, landfill
L78498-2	PESH	1/23/2002	NYPD, Fresh Kills	personal	230	mercury vapor	not detected	ug/m3		50	NIOSH 6009	evidence collection, landfill
L78503-8	PESH	1/24/2002	Landfill, Bulldozer Y-001	wipe		aluminum		385 ug			NIOSH 7300	side console, after vents were on
L78503-8	PESH	1/24/2002	Landfill, Bulldozer Y-001	wipe		cadmium	not detected	ug			NIOSH 7300	side console, after vents were on
L78503-8	PESH	1/24/2002	Landfill, Bulldozer Y-001	wipe		cobalt		0.45 ug			NIOSH 7300	side console, after vents were on
L78503-8	PESH	1/24/2002	Landfill, Bulldozer Y-001	wipe		copper		28 ug			NIOSH 7300	side console, after vents were on
L78503-8	PESH	1/24/2002	Landfill, Bulldozer Y-001	wipe		iron		644 ug			NIOSH 7300	side console, after vents were on
L78503-8	PESH	1/24/2002	Landfill, Bulldozer Y-001	wipe		lead		10.7 ug			NIOSH 7300	side console, after vents were on
L78503-8	PESH	1/24/2002	Landfill, Bulldozer Y-001	wipe		magnesium		410 ug			NIOSH 7300	side console, after vents were on
L78503-8	PESH	1/24/2002	Landfill, Bulldozer Y-001	wipe		manganese		12.1 ug			NIOSH 7300	side console, after vents were on
L78503-8	PESH	1/24/2002	Landfill, Bulldozer Y-001	wipe		nickel		1.61 ug			NIOSH 7300	side console, after vents were on
L78503-8	PESH	1/24/2002	Landfill, Bulldozer Y-001	wipe		zinc		298 ug			NIOSH 7300	side console, after vents were on
L78503-11	PESH	1/24/2002	Landfill, Bulldozer Y	wipe		aluminum		159 ug			NIOSH 7300	side console, after vents were on
L78503-11	PESH	1/24/2002	Landfill, Bulldozer Y	wipe		cadmium	not detected	ug			NIOSH 7300	side console, after vents were on
L78503-11	PESH	1/24/2002	Landfill, Bulldozer Y	wipe		cobalt	not detected	ug			NIOSH 7300	side console, after vents were on
L78503-11	PESH	1/24/2002	Landfill, Bulldozer Y	wipe		copper		9.67 ug			NIOSH 7300	side console, after vents were on
L78503-11	PESH	1/24/2002	Landfill, Bulldozer Y	wipe		iron		72.4 ug			NIOSH 7300	side console, after vents were on
L78503-11	PESH	1/24/2002	Landfill, Bulldozer Y	wipe		lead		1.24 ug			NIOSH 7300	side console, after vents were on
L78503-11	PESH	1/24/2002	Landfill, Bulldozer Y	wipe		magnesium		58.9 ug			NIOSH 7300	side console, after vents were on
L78503-11	PESH	1/24/2002	Landfill, Bulldozer Y	wipe		manganese		1.37 ug			NIOSH 7300	side console, after vents were on
L78503-11	PESH	1/24/2002	Landfill, Bulldozer Y	wipe		nickel	not detected	ug			NIOSH 7300	side console, after vents were on
L78503-11	PESH	1/24/2002	Landfill, Bulldozer Y	wipe		zinc		233 ug			NIOSH 7300	side console, after vents were on
L78503-9	PESH	1/24/2002	Landfill, Bulldozer Y-004	wipe		aluminum		125 ug			NIOSH 7300	side console, after vents were on
L78503-9	PESH	1/24/2002	Landfill, Bulldozer Y-004	wipe		cadmium	not detected	ug			NIOSH 7300	side console, after vents were on

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L78503-9	PESH	1/24/2002	Landfill, Bulldozer Y-004	wipe		cobalt	not detected		ug		NIOSH 7300	side console, after vents were on
L78503-9	PESH	1/24/2002	Landfill, Bulldozer Y-004	wipe		copper		1.3	ug		NIOSH 7300	side console, after vents were on
L78503-9	PESH	1/24/2002	Landfill, Bulldozer Y-004	wipe		iron		51	ug		NIOSH 7300	side console, after vents were on
L78503-9	PESH	1/24/2002	Landfill, Bulldozer Y-004	wipe		lead		1.19	ug		NIOSH 7300	side console, after vents were on
L78503-9	PESH	1/24/2002	Landfill, Bulldozer Y-004	wipe		magnesium		28.3	ug		NIOSH 7300	side console, after vents were on
L78503-9	PESH	1/24/2002	Landfill, Bulldozer Y-004	wipe		manganese		0.78	ug		NIOSH 7300	side console, after vents were on
L78503-9	PESH	1/24/2002	Landfill, Bulldozer Y-004	wipe		nickel	not detected		ug		NIOSH 7300	side console, after vents were on
L78503-9	PESH	1/24/2002	Landfill, Bulldozer Y-004	wipe		zinc		208	ug		NIOSH 7300	side console, after vents were on
L78503-10	PESH	1/24/2002	Landfill, Ford Explorer C3	wipe		aluminum		161	ug		NIOSH 7300	driver's dash, after vents were on
L78503-10	PESH	1/24/2002	Landfill, Ford Explorer C3	wipe		cadmium	not detected		ug		NIOSH 7300	driver's dash, after vents were on
L78503-10	PESH	1/24/2002	Landfill, Ford Explorer C3	wipe		cobalt	not detected		ug		NIOSH 7300	driver's dash, after vents were on
L78503-10	PESH	1/24/2002	Landfill, Ford Explorer C3	wipe		copper		5.7	ug		NIOSH 7300	driver's dash, after vents were on
L78503-10	PESH	1/24/2002	Landfill, Ford Explorer C3	wipe		iron		146	ug		NIOSH 7300	driver's dash, after vents were on
L78503-10	PESH	1/24/2002	Landfill, Ford Explorer C3	wipe		lead		3.19	ug		NIOSH 7300	driver's dash, after vents were on
L78503-10	PESH	1/24/2002	Landfill, Ford Explorer C3	wipe		magnesium		143	ug		NIOSH 7300	driver's dash, after vents were on
L78503-10	PESH	1/24/2002	Landfill, Ford Explorer C3	wipe		manganese		3.04	ug		NIOSH 7300	driver's dash, after vents were on
L78503-10	PESH	1/24/2002	Landfill, Ford Explorer C3	wipe		nickel		0.43	ug		NIOSH 7300	driver's dash, after vents were on
L78503-10	PESH	1/24/2002	Landfill, Ford Explorer C3	wipe		zinc		201	ug		NIOSH 7300	driver's dash, after vents were on
L78503-1	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		aluminum		119	ug		NIOSH 7300	dashboard near driver
L78503-1	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		cadmium	not detected		ug		NIOSH 7300	dashboard near driver
L78503-1	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		cobalt	not detected		ug		NIOSH 7300	dashboard near driver
L78503-1	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		copper		0.45	ug		NIOSH 7300	dashboard near driver
L78503-1	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		iron	not detected		ug		NIOSH 7300	dashboard near driver
L78503-1	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		lead		0.414	ug		NIOSH 7300	dashboard near driver
L78503-1	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		magnesium		12.6	ug		NIOSH 7300	dashboard near driver
L78503-1	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		manganese		0.158	ug		NIOSH 7300	dashboard near driver
L78503-1	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		nickel	not detected		ug		NIOSH 7300	dashboard near driver
L78503-1	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		zinc		188	ug		NIOSH 7300	dashboard near driver
L78503-6	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		aluminum		117	ug		NIOSH 7300	driver's dash
L78503-6	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		cadmium	not detected		ug		NIOSH 7300	driver's dash
L78503-6	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		cobalt	not detected		ug		NIOSH 7300	driver's dash
L78503-6	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		copper		0.45	ug		NIOSH 7300	driver's dash
L78503-6	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		iron	not detected		ug		NIOSH 7300	driver's dash
L78503-6	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		lead		0.44	ug		NIOSH 7300	driver's dash
L78503-6	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		magnesium		15.2	ug		NIOSH 7300	driver's dash
L78503-6	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		manganese		0.24	ug		NIOSH 7300	driver's dash
L78503-6	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		nickel	not detected		ug		NIOSH 7300	driver's dash
L78503-6	PESH	1/24/2002	Landfill, NYPD Ambulance	wipe		zinc		187	ug		NIOSH 7300	driver's dash
L78503-5	PESH	1/24/2002	Landfill, NYPD Bus #C-53	wipe		aluminum		123	ug		NIOSH 7300	driver's dash, after vents were on
L78503-5	PESH	1/24/2002	Landfill, NYPD Bus #C-53	wipe		cadmium	not detected		ug		NIOSH 7300	driver's dash, after vents were on
L78503-5	PESH	1/24/2002	Landfill, NYPD Bus #C-53	wipe		cobalt	not detected		ug		NIOSH 7300	driver's dash, after vents were on
L78503-5	PESH	1/24/2002	Landfill, NYPD Bus #C-53	wipe		copper		0.468	ug		NIOSH 7300	driver's dash, after vents were on
L78503-5	PESH	1/24/2002	Landfill, NYPD Bus #C-53	wipe		iron		10.6	ug		NIOSH 7300	driver's dash, after vents were on
L78503-5	PESH	1/24/2002	Landfill, NYPD Bus #C-53	wipe		lead		0.64	ug		NIOSH 7300	driver's dash, after vents were on
L78503-5	PESH	1/24/2002	Landfill, NYPD Bus #C-53	wipe		magnesium		18.6	ug		NIOSH 7300	driver's dash, after vents were on
L78503-5	PESH	1/24/2002	Landfill, NYPD Bus #C-53	wipe		manganese		0.28	ug		NIOSH 7300	driver's dash, after vents were on
L78503-5	PESH	1/24/2002	Landfill, NYPD Bus #C-53	wipe		nickel	not detected		ug		NIOSH 7300	driver's dash, after vents were on
L78503-5	PESH	1/24/2002	Landfill, NYPD Bus #C-53	wipe		zinc		196	ug		NIOSH 7300	driver's dash, after vents were on
L78503-3	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		aluminum		129	ug		NIOSH 7300	driver's dash, after vents were on
L78503-3	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		cadmium	not detected		ug		NIOSH 7300	driver's dash, after vents were on

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
L78503-3	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		cobalt	not detected		ug		NIOSH 7300	driver's dash, after vents were on
L78503-3	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		copper		0.748	ug		NIOSH 7300	driver's dash, after vents were on
L78503-3	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		iron		13.9	ug		NIOSH 7300	driver's dash, after vents were on
L78503-3	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		lead		0.647	ug		NIOSH 7300	driver's dash, after vents were on
L78503-3	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		magnesium		35.3	ug		NIOSH 7300	driver's dash, after vents were on
L78503-3	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		manganese		0.943	ug		NIOSH 7300	driver's dash, after vents were on
L78503-3	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		nickel		0.336	ug		NIOSH 7300	driver's dash, after vents were on
L78503-3	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		zinc		209	ug		NIOSH 7300	driver's dash, after vents were on
L78503-7	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		aluminum		187	ug		NIOSH 7300	driver's dash, after vents were on
L78503-7	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		cadmium	not detected		ug		NIOSH 7300	driver's dash, after vents were on
L78503-7	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		cobalt	not detected		ug		NIOSH 7300	driver's dash, after vents were on
L78503-7	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		copper		3.16	ug		NIOSH 7300	driver's dash, after vents were on
L78503-7	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		iron		105	ug		NIOSH 7300	driver's dash, after vents were on
L78503-7	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		lead		2.57	ug		NIOSH 7300	driver's dash, after vents were on
L78503-7	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		magnesium		134	ug		NIOSH 7300	driver's dash, after vents were on
L78503-7	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		manganese		2.07	ug		NIOSH 7300	driver's dash, after vents were on
L78503-7	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		nickel	not detected		ug		NIOSH 7300	driver's dash, after vents were on
L78503-7	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		zinc		252	ug		NIOSH 7300	driver's dash, after vents were on
L78503-2	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		aluminum		140	ug		NIOSH 7300	dash near driver
L78503-2	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		cadmium	not detected		ug		NIOSH 7300	dash near driver
L78503-2	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		cobalt	not detected		ug		NIOSH 7300	dash near driver
L78503-2	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		copper		0.67	ug		NIOSH 7300	dash near driver
L78503-2	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		iron		15.9	ug		NIOSH 7300	dash near driver
L78503-2	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		lead		0.77	ug		NIOSH 7300	dash near driver
L78503-2	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		magnesium		25.5	ug		NIOSH 7300	dash near driver
L78503-2	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		manganese		0.462	ug		NIOSH 7300	dash near driver
L78503-2	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		nickel	not detected		ug		NIOSH 7300	dash near driver
L78503-2	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		zinc		219	ug		NIOSH 7300	dash near driver
L78503-4	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		aluminum		163	ug		NIOSH 7300	driver's dash, after vents were on
L78503-4	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		cadmium	not detected		ug		NIOSH 7300	driver's dash, after vents were on
L78503-4	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		cobalt	not detected		ug		NIOSH 7300	driver's dash, after vents were on
L78503-4	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		copper		8.05	ug		NIOSH 7300	driver's dash, after vents were on
L78503-4	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		iron		199	ug		NIOSH 7300	driver's dash, after vents were on
L78503-4	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		lead		4.38	ug		NIOSH 7300	driver's dash, after vents were on
L78503-4	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		magnesium		165	ug		NIOSH 7300	driver's dash, after vents were on
L78503-4	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		manganese		3.8	ug		NIOSH 7300	driver's dash, after vents were on
L78503-4	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		nickel		0.5	ug		NIOSH 7300	driver's dash, after vents were on
L78503-4	PESH	1/24/2002	Landfill, NYPD Van # 200	wipe		zinc		193	ug		NIOSH 7300	driver's dash, after vents were on
L78505-3	PESH	1/25/2002	NYC Landfill attendant	personal	272	mercury vapor	not detected		ug/m3	50	NIOSH 6009	evidence collection, landfill
L78505-4	PESH	1/25/2002	NYC Landfill attendant	personal	256	mercury vapor	not detected		ug/m3	50	NIOSH 6009	evidence collection, landfill
L78505-1	PESH	1/25/2002	NYPD, Fresh Kills	personal	270	mercury vapor	not detected		ug/m3	50	NIOSH 6009	evidence collection, landfill
L78505-2	PESH	1/25/2002	NYS DOL	personal	306	mercury vapor	not detected		ug/m3	50	NIOSH 6009	safety inspector
012602G1	PESH	1/26/2002	Temporary tent at WTC	grab		carbon monoxide		7	ppm	35	direct reading	
937466	PESH	1/27/2002	Bldgs 5&6, subterranean	bulk		asbestos	not detected		%		PLM	blue fireproofing on steel
937467	PESH	1/27/2002	Bldgs 5&6, subterranean	bulk		asbestos	not detected		%		PLM	white fireproofing on steel
937468	PESH	1/27/2002	Bldgs 5&6, subterranean	bulk		asbestos	not detected		%		PLM	gray fireproofing on steel
012702G1	PESH	1/27/2002	Temporary tent at WTC	grab		carbon monoxide		5	ppm	35	direct reading	
937688	PESH	1/29/2002	NYPD	personal	480	respirable dust		0.181	mg/m3	5	gravimetric	security at Vesey and West
937689	PESH	1/30/2002	NYPD	personal	480	asbestos		0.01	f/cc	0.1	NIOSH 7400	security at Church St.
937686	PESH	1/30/2002	NYPD	personal	480	respirable dust		0.125	mg/m3	5	gravimetric	security at West and Liberty

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Sample ID	Agency	Date Sampled	SiteName or Address	Sample type	Sample duration (min)	Analyte	Quantifier	Results	Unit	PESH PEL	Analysis Method	Comments
937690	PESH	1/30/2002	NYPD	personal	480	asbestos		0.011	f/cc	0.1	NIOSH 7400	security at Vesey and West
ceiling	exposure limit for instantaneous readings, for carbon monoxide the ceiling is for a five minute sample											
f/cc	fibers per cubic centimeter of air											
TWA	Time weighted average											
Peak	Highest level seen during test											
PEL	Permissible Exposure Limit											
PESH	Public Employee Safety and Health Bureau											
ppm	parts of contaminat per million parts of air											
STEL	Short Term Exposure Limit											
mg/m3	milligrams of contaminant per cubic meter of air											
ug/m3	micrograms of contaminant per cubic meter of air											
ND	not detected											
NA	not applicable											
%	percent											
<	less than											
<=	less than or equal to											
ug/wipe	micrograms of contaminant per 100 square centimeters of surface contamination											