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FAX TRANSMITTAL

DATE: 2-19-04 NO. PAGES (FOLLOWING): 13
TO: O'Reilly, Talbot, + Okun ATTENTION: Debra Listernick
FROM: Jon Roberge FAX: 508-366-9826

COMMENTS:

Rich Cushing asked me to fax you these results from
indoor air sampling for a site in Ayer, MA. The site is a former
dry cleaners and is impacted with PCE.

Civil Engineering

- Sewage Disposal System Design
- Sewer & Sewage Lift Station Design
- Site Planning & Design
- Subdivision Design
- Parking Studies & Design
- Wetland Specialist
- Master Planning
- Grading Plans
- Storm Water Management
- Utilities Layout & Design
- AutoCAD Plan Development

Surveying Services

- Boundary Retracement Surveys
- Cartographic Survey
- Construction Layout Survey
- Land Court Surveys
- Title Insurance Surveys
- Topographic Surveys
- Hydrographic Surveys
- Activity and Use Limitation Surveys

Environmental Services

- LSP Services
- Site Assessment & Investigation
- Site Remediation Design
- Remedial System, Installation, Operation & Maint.
- Remedial Construction Oversight
- Human, Health & Environmental Risk Assessment
- Comprehensive Environmental Compliance Audits
- Facility Response Plans
- Right-to-know Programs
- NPDES Permitting
- SARA Title III Reporting
- Hazardous and Universal Waste Management Plans
- Environmental Management Systems
- UST Removal & Closure Services
- UST and AST System Design
- 21J Cost Recovery Management
- Asbestos Inspection and Management
- Stormwater Management Plans

Design Build Services

- Sewage Disposal Systems
- Storm Drainage Systems
- Wetland Replication
- Road Construction
- Parking Lot Construction
- Utility Systems

Wetland Services

- Wetland Delineation
- Site Evaluation
- Line Verification
- Wetland Protection

Equipment

- Excavators
- Backhoes
- Dozers
- Support Equipment

Open space

PCE Indoor Air Bkgd. 11 ug/m³
Where were samples collected? Entire
Full-time workers 8 hrs/day 5 years
? Use of basement - concrete
None - nothing there

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REPORT DATE 2/18/2004

DUCARME & WHEELER, INC.
PO BOX 427
BOLTON, MA 01740
ATTN: JENNIFER ROBERGE

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMS-76888
JOB NUMBER: 3775-E

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: LE MACK

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST
AS-1	04B03704	AIR	1ST FLOOR	to-14 ppbv
AS-1	04B03704	AIR	1ST FLOOR	to-14 ug/m3
AS-2	04B03705	AIR	BASEMENT	to-14 ppbv
AS-2	04B03705	AIR	BASEMENT	to-14 ug/m3

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

AIHA 100033	AIHA ELLAP (LEAD) 100033	FLORIDA NELAP E87889
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2618	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0587	VERMONT DOH (LEAD) No. LL015036	ARIZONA AZ0648
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	ARIZONA AZ0854 (AIR)

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Edward Denson 2/17/04
SIGNATURE DATE

Tod Kopyscinski
Director of Operations

Sandra S. Kocot
Quality Control Coordinator

Edward Denson
Technical Director



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2/16/2004
Page 1 of 9

Purchase Order No.:

Project Location: LE MACK
Date Received: 2/12/2004
Field Sample #: AS-1
Sample ID: 04B03704

LIMS-BAT #: LIMS-76886
Job Number: 3775-E

Sampled: 2/10/2004
1ST FLOOR
Sample Medium: SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo HI	P/F
Benzene	PPBv	ND	02/13/04	PRM	0.5		
Bromomethane	PPBv	ND	02/13/04	PRM	0.5		
Carbon Tetrachloride	PPBv	ND	02/13/04	PRM	0.5		
Chlorobenzene	PPBv	ND	02/13/04	PRM	0.5		
Chloroethane	PPBv	ND	02/13/04	PRM	0.5		
Chloroform	PPBv	ND	02/13/04	PRM	0.5		
Chloromethane	PPBv	ND	02/13/04	PRM	0.5		
1,2-Dibromoethane	PPBv	ND	02/13/04	PRM	0.5		
1,2-Dichlorobenzene	PPBv	ND	02/13/04	PRM	0.5		
1,3-Dichlorobenzene	PPBv	ND	02/13/04	PRM	0.5		
1,4-Dichlorobenzene	PPBv	ND	02/13/04	PRM	0.5		
Dichlorodifluoromethane	PPBv	0.6	02/13/04	PRM	0.5		
1,1-Dichloroethane	PPBv	ND	02/13/04	PRM	0.5		
1,2-Dichloroethane	PPBv	ND	02/13/04	PRM	0.5		
1,1-Dichloroethylene	PPBv	ND	02/13/04	PRM	0.5		
cis-1,2-Dichloroethylene	PPBv	ND	02/13/04	PRM	0.5		
1,2-Dichloropropane	PPBv	ND	02/13/04	PRM	0.5		
cis-1,3-Dichloropropene	PPBv	ND	02/13/04	PRM	0.5		
trans-1,3-Dichloropropene	PPBv	ND	02/13/04	PRM	0.5		
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	02/13/04	PRM	0.5		
Ethylbenzene	PPBv	ND	02/13/04	PRM	0.5		
Hexachlorobutadiene	PPBv	ND	02/13/04	PRM	0.5		
Methylene Chloride	PPBv	ND	02/13/04	PRM	0.5		
Styrene	PPBv	ND	02/13/04	PRM	0.5		
1,1,2,2-Tetrachloroethane	PPBv	ND	02/13/04	PRM	0.5		
Tetrachloroethylene	PPBv	102.	02/13/04	PRM	0.5		
Toluene	PPBv	0.6	02/13/04	PRM	0.5		
1,2,4-Trichlorobenzene	PPBv	ND	02/13/04	PRM	0.5		
1,1,1-Trichloroethane	PPBv	ND	02/13/04	PRM	0.5		
1,1,2-Trichloroethane	PPBv	ND	02/13/04	PRM	0.5		

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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2/16/2004

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Purchase Order No.:

Project Location: LE MACK
Date Received: 2/12/2004
Field Sample #: AS-1

LIMS-BAT #: LIMS-76886

Job Number: 3775-E

Sample ID : 04803704

Sampled : 2/10/2004

1ST FLOOR

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Trichloroethylene	PPBv	ND	02/13/04	PRM	0.5		
Trichlorofluoromethane (Freon 11)	PPBv	ND	02/13/04	PRM	0.5		
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	ND	02/13/04	PRM	0.5		
1,2,4-Trimethylbenzene	PPBv	ND	02/13/04	PRM	0.5		
1,3,5-Trimethylbenzene	PPBv	ND	02/13/04	PRM	0.5		
Vinyl Chloride	PPBv	ND	02/13/04	PRM	0.5		
m/p-Xylene	PPBv	ND	02/13/04	PRM	0.5		
o-Xylene	PPBv	ND	02/13/04	PRM	0.5		

Analytical Method:

EPA TO-14A

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

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Purchase Order No.:

Project Location: LE MACK
Date Received: 2/12/2004
Field Sample #: AS-2

LIMS-BAT #: LIMS-76886
Job Number: 3775-E

Sample ID: 04B03705

Sampled: 2/10/2004

BASEMENT

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
Benzene	PPBv	ND	02/13/04	PRM	0.5		
Bromomethane	PPBv	ND	02/13/04	PRM	0.5		
Carbon Tetrachloride	PPBv	ND	02/13/04	PRM	0.5		
Chlorobenzene	PPBv	ND	02/13/04	PRM	0.5		
Chloroethane	PPBv	ND	02/13/04	PRM	0.5		
Chloroform	PPBv	ND	02/13/04	PRM	0.5		
Chloromethane	PPBv	ND	02/13/04	PRM	0.5		
1,2-Dibromoethane	PPBv	ND	02/13/04	PRM	0.5		
1,2-Dichlorobenzene	PPBv	ND	02/13/04	PRM	0.5		
1,3-Dichlorobenzene	PPBv	ND	02/13/04	PRM	0.5		
1,4-Dichlorobenzene	PPBv	ND	02/13/04	PRM	0.5		
Dichlorodifluoromethane	PPBv	0.6	02/13/04	PRM	0.5		
1,1-Dichloroethane	PPBv	ND	02/13/04	PRM	0.5		
1,2-Dichloroethane	PPBv	ND	02/13/04	PRM	0.5		
1,1-Dichloroethylene	PPBv	ND	02/13/04	PRM	0.5		
cis-1,2-Dichloroethylene	PPBv	ND	02/13/04	PRM	0.5		
1,2-Dichloropropane	PPBv	ND	02/13/04	PRM	0.5		
cis-1,3-Dichloropropene	PPBv	ND	02/13/04	PRM	0.5		
trans-1,3-Dichloropropene	PPBv	ND	02/13/04	PRM	0.5		
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	02/13/04	PRM	0.5		
Ethylbenzene	PPBv	ND	02/13/04	PRM	0.5		
Hexachlorobutadiene	PPBv	ND	02/13/04	PRM	0.5		
Methylene Chloride	PPBv	ND	02/13/04	PRM	0.5		
Styrene	PPBv	ND	02/13/04	PRM	0.5		
1,1,2,2-Tetrachloroethane	PPBv	ND	02/13/04	PRM	0.5		
Tetrachloroethylene	PPBv	714	02/13/04	PRM	0.5		
Toluene	PPBv	0.5	02/13/04	PRM	0.5		
1,2,4-Trichlorobenzene	PPBv	ND	02/13/04	PRM	0.5		
1,1,1-Trichloroethane	PPBv	ND	02/13/04	PRM	0.5		
1,1,2-Trichloroethane	PPBv	ND	02/13/04	PRM	0.5		

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Purchase Order No.:

Project Location: LE MACK
Data Received: 2/12/2004
Field Sample #: AS-2

LIMS-BAT #: LIMS-76886
Job Number: 3775-E

Sample ID : 04B03705

Sampled : 2/10/2004

BASEMENT

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
Trichloroethylene	PPBv	0.8	02/13/04	PRM	0.5		
Trichlorofluoromethane (Freon 11)	PPBv	ND	02/13/04	PRM	0.5		
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	ND	02/13/04	PRM	0.5		
1,2,4-Trimethylbenzene	PPBv	ND	02/13/04	PRM	0.5		
1,3,5-Trimethylbenzene	PPBv	ND	02/13/04	PRM	0.5		
Vinyl Chloride	PPBv	ND	02/13/04	PRM	0.5		
m/p-Xylene	PPBv	ND	02/13/04	PRM	0.5		
o-Xylene	PPBv	ND	02/13/04	PRM	0.5		

Analytical Method:

EPA TO-14A

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS
SPECTROMETRY DETECTION. (GC/MS)

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Purchase Order No.:

2/16/2004

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Project Location: LE MACK
Date Received: 2/12/2004
Field Sample #: AS-1

LIMS-BAT #: LIMS-76888

Job Number: 3775-E

Sample ID : 04B03704

Sampled : 2/10/2004

1ST FLOOR

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
Benzene	ug/m3	ND	02/13/04	PRM	1.6			
Bromomethane	ug/m3	ND	02/13/04	PRM	1.9			
Carbon Tetrachloride	ug/m3	ND	02/13/04	PRM	3.1			
Chlorobenzene	ug/m3	ND	02/13/04	PRM	2.3			
Chloroethane	ug/m3	ND	02/13/04	PRM	1.3			
Chloroform	ug/m3	ND	02/13/04	PRM	2.4			
Chloromethane	ug/m3	ND	02/13/04	PRM	1.0			
1,2-Dibromoethane	ug/m3	ND	02/13/04	PRM	3.8			
1,2-Dichlorobenzene	ug/m3	ND	02/13/04	PRM	3.0			
1,3-Dichlorobenzene	ug/m3	ND	02/13/04	PRM	3.0			
1,4-Dichlorobenzene	ug/m3	ND	02/13/04	PRM	3.0			
Dichlorodifluoromethane	ug/m3	2.7	02/13/04	PRM	2.5			
1,1-Dichloroethane	ug/m3	ND	02/13/04	PRM	2.0			
1,2-Dichloroethane	ug/m3	ND	02/13/04	PRM	2.0			
1,1-Dichloroethylene	ug/m3	ND	02/13/04	PRM	2.0			
cis-1,2-Dichloroethylene	ug/m3	ND	02/13/04	PRM	2.0			
1,2-Dichloropropane	ug/m3	ND	02/13/04	PRM	2.3			
cis-1,3-Dichloropropene	ug/m3	ND	02/13/04	PRM	2.3			
trans-1,3-Dichloropropene	ug/m3	ND	02/13/04	PRM	2.3			
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	02/13/04	PRM	3.5			
Ethylbenzene	ug/m3	ND	02/13/04	PRM	2.2			
Hexachlorobutadiene	ug/m3	ND	02/13/04	PRM	6.3			
Methylene Chloride	ug/m3	ND	02/13/04	PRM	1.7			
Styrene	ug/m3	ND	02/13/04	PRM	2.1			
1,1,2,2-Tetrachloroethane	ug/m3	ND	02/13/04	PRM	3.4			
Tetrachloroethylene	ug/m3	692.	02/13/04	PRM	3.4			
Toluene	ug/m3	2.4	02/13/04	PRM	1.8			
1,2,4-Trichlorobenzene	ug/m3	ND	02/13/04	PRM	3.7			
1,1,1-Trichloroethane	ug/m3	ND	02/13/04	PRM	2.7			
1,1,2-Trichloroethane	ug/m3	ND	02/13/04	PRM	2.7			

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Purchase Order No.:

Project Location: LE MACK
Date Received: 2/12/2004
Field Sample #: AS-1

LIMS-BAT #: LIMS-76886
Job Number: 3775-E

Sample ID : 04B03704

Sampled : 2/10/2004
1ST FLOOR

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
Trichloroethylene	ug/m3	ND	02/13/04	PRM	2.7		
Trichlorofluoromethane	ug/m3	ND	02/13/04	PRM	2.8		
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	02/13/04	PRM	3.8		
1,2,4-Trimethylbenzene	ug/m3	ND	02/13/04	PRM	2.5		
1,3,5-Trimethylbenzene	ug/m3	ND	02/13/04	PRM	2.5		
Vinyl Chloride	ug/m3	ND	02/13/04	PRM	1.3		
m/p-Xylene	ug/m3	ND	02/13/04	PRM	2.2		
o-Xylene	ug/m3	ND	02/13/04	PRM	2.2		

Analytical Method:

EPA TO-14A

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

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2/16/2004

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Purchase Order No.:

Project Location: LE MACK

LIMS-BAT #: LIMS-76886

Date Received: 2/12/2004

Job Number: 3775-E

Field Sample #: AS-2

Sample ID: 04B03705

Sampled: 2/10/2004

BASEMENT

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Benzene	ug/m3	ND	02/13/04	PRM	1.6		
Bromomethane	ug/m3	ND	02/13/04	PRM	1.9		
Carbon Tetrachloride	ug/m3	ND	02/13/04	PRM	3.1		
Chlorobenzene	ug/m3	ND	02/13/04	PRM	2.3		
Chloroethane	ug/m3	ND	02/13/04	PRM	1.3		
Chloroform	ug/m3	ND	02/13/04	PRM	2.4		
Chloromethane	ug/m3	ND	02/13/04	PRM	1.0		
1,2-Dibromoethane	ug/m3	ND	02/13/04	PRM	3.8		
1,2-Dichlorobenzene	ug/m3	ND	02/13/04	PRM	3.0		
1,3-Dichlorobenzene	ug/m3	ND	02/13/04	PRM	3.0		
1,4-Dichlorobenzene	ug/m3	ND	02/13/04	PRM	3.0		
Dichlorodifluoromethane	ug/m3	2.7	02/13/04	PRM	2.5		
1,1-Dichloroethane	ug/m3	ND	02/13/04	PRM	2.0		
1,2-Dichloroethane	ug/m3	ND	02/13/04	PRM	2.0		
1,1-Dichloroethylene	ug/m3	ND	02/13/04	PRM	2.0		
cis-1,2-Dichloroethylene	ug/m3	ND	02/13/04	PRM	2.0		
1,2-Dichloropropane	ug/m3	ND	02/13/04	PRM	2.3		
cis-1,3-Dichloropropane	ug/m3	ND	02/13/04	PRM	2.3		
trans-1,3-Dichloropropane	ug/m3	ND	02/13/04	PRM	2.3		
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	02/13/04	PRM	3.5		
Ethylbenzene	ug/m3	ND	02/13/04	PRM	2.2		
Hexachlorobutadiene	ug/m3	ND	02/13/04	PRM	5.3		
Methylene Chloride	ug/m3	ND	02/13/04	PRM	1.7		
Styrene	ug/m3	ND	02/13/04	PRM	2.1		
1,1,2,2-Tetrachloroethane	ug/m3	ND	02/13/04	PRM	3.4		
Tetrachloroethylene	ug/m3	4840.	02/13/04	PRM	3.4		
Toluene	ug/m3	2.0	02/13/04	PRM	1.9		
1,2,4-Trichlorobenzene	ug/m3	ND	02/13/04	PRM	3.7		
1,1,1-Trichloroethane	ug/m3	ND	02/13/04	PRM	2.7		
1,1,2-Trichloroethane	ug/m3	ND	02/13/04	PRM	2.7		

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Purchase Order No.:

2/16/2004
Page 8 of 9

Project Location: LE MACK

LIMS-BAT #: LIMS-76886

Date Received: 2/12/2004

Job Number: 3775-E

Field Sample #: AS-2

Sample ID: 04B03705

Sampled: 2/10/2004

BASEMENT

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
Trichloroethylene	ug/m3	4.1	02/13/04	PRM	2.7		
Trichlorofluoromethane	ug/m3	ND	02/13/04	PRM	2.8		
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	02/13/04	PRM	3.8		
1,2,4-Trimethylbenzene	ug/m3	ND	02/13/04	PRM	2.5		
1,3,5-Trimethylbenzene	ug/m3	ND	02/13/04	PRM	2.5		
Vinyl Chloride	ug/m3	ND	02/13/04	PRM	1.3		
m/p-Xylene	ug/m3	ND	02/13/04	PRM	2.2		
o-Xylene	ug/m3	ND	02/13/04	PRM	2.2		

Analytical Method:

EPA TO-14A

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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JENNIFER ROBERGE
DUCHARME & WHEELER, INC.
PO BOX 427
BOLTON, MA 01740

Project Location: LE MACK
Date Received: 2/12/2004

Purchase Order No.:

2/16/2004
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LIMS-BAT #: LIMS-76886
Job Number: 3775-E

~ END OF REPORT ~

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/18/2004

Lime Bat #: LIMS-76886

Page 1 of 2

QC Batch Number: BATCH-6337

Sample Id	Analysis	QC Analysis	Values	Units	Limits
04B03704	4-Bromofluorobenzene	Surrogate Recovery	94.0	%	70-130
04B03705	4-Bromofluorobenzene	Surrogate Recovery	94.4	%	70-130
BLANK-57630	Benzene	Blank	<1.8	ug/m3	
	Carbon Tetrachloride	Blank	<3.1	ug/m3	
	Chloroform	Blank	<2.4	ug/m3	
	1,2-Dichloroethane	Blank	<2.0	ug/m3	
	1,4-Dichlorobenzene	Blank	<3.0	ug/m3	
	Ethylbenzene	Blank	<2.2	ug/m3	
	Styrene	Blank	<2.1	ug/m3	
	Tetrachloroethylene	Blank	<3.4	ug/m3	
	Toluene	Blank	<1.9	ug/m3	
	1,1,1-Trichloroethane	Blank	<2.7	ug/m3	
	Trichloroethylene	Blank	<2.7	ug/m3	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<3.8	ug/m3	
	Trichlorofluoromethane	Blank	<2.8	ug/m3	
	o-Xylene	Blank	<2.2	ug/m3	
	m/p-Xylene	Blank	<2.2	ug/m3	
	1,2-Dichlorobenzene	Blank	<3.0	ug/m3	
	1,3-Dichlorobenzene	Blank	<3.0	ug/m3	
	1,1-Dichloroethane	Blank	<2.0	ug/m3	
	1,1-Dichloroethylene	Blank	<2.0	ug/m3	
	Vinyl Chloride	Blank	<1.3	ug/m3	
	Methylene Chloride	Blank	<1.7	ug/m3	
	Chlorobenzene	Blank	<2.3	ug/m3	
	Chloromethane	Blank	<1.0	ug/m3	
	Bromomethane	Blank	<1.9	ug/m3	
	Chloroethane	Blank	<1.3	ug/m3	
	cis-1,3-Dichloropropene	Blank	<2.3	ug/m3	
	trans-1,3-Dichloropropene	Blank	<2.3	ug/m3	
	1,1,2-Trichloroethane	Blank	<2.7	ug/m3	
	1,1,2,2-Tetrachloroethane	Blank	<3.4	ug/m3	
	Hexachlorobutadiene	Blank	<5.3	ug/m3	
	1,2,4-Trichlorobenzene	Blank	<3.7	ug/m3	
	1,2,4-Trimethylbenzene	Blank	<2.5	ug/m3	
	1,3,5-Trimethylbenzene	Blank	<2.5	ug/m3	
	cis-1,2-Dichloroethylene	Blank	<2.0	ug/m3	
	1,2-Dichloropropane	Blank	<2.3	ug/m3	
	Dichlorodifluoromethane	Blank	<2.5	ug/m3	
	1,2-Dibromoethane	Blank	<3.8	ug/m3	
	1,2-Dichlorotetrafluoroethane (114)	Blank	<3.5	ug/m3	



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QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken through all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

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