

November 3, 2010 Sent via e-mail

Mr. Scott Hooton Port of Tacoma 1 Sitcum Way Tacoma, WA 98421

RE:

ANALYTICAL LABORATORY SERVICES FOR ADMIN BLDG AIR TOXICS QUOTE NO. Q101016535R0

Dear Mr. Hooton:

AIR TOXICS LTD. is pleased to provide this quote for laboratory services. Our level of experience, integrity, expertise, and capacity make us uniquely qualified to support Port of Tacoma in this effort.

For this project, we understand that samples may be submitted for analysis by Modified EPA TO-17 using an Ultra III Passive Sorbent Sampler. Air Toxics will provide data to you as a Level II report by e-mail in .pdf and EXCEL formats within 10 business days of sample receipt. If required, we can also provide your data in a client specific format within 15 business days of sample receipt. Level IV electronic Comprehensive Validation Packages (eCVP) are available via the web within 15 business days of sample receipt.

Additionally, a line item has been included for our new AirLab Home Test Kit. These kits may be ordered online at www.airlabonline.com.

In the absence of a QAPP or SOW Air Toxics intends to follow the method procedures as outlined by our Standard Operating Procedures (SOPs). Please note all pricing is based upon sample analysis for the target compound list(s) enclosed. Any project-specific requirements that vary from this may result in a revision of this pricing.

Air Toxics Ltd. has taken the lead in laboratory data validation automation with the development and utilization of Lumen Data Services® Data Assessor. Data generated from methods TO-14A/15, ASTM 5504, TO-3, TO-12 and TO-17 are validated with this software to ensure that you receive the highest level of definitive data in the laboratory industry using EPA Functional Guidelines.

Air Toxics is among a select number of environmental laboratories to receive accreditation from the National Environmental Laboratory Accreditation Program (NELAP). Air Toxics is certified by California DHS, New York DOH, Utah DOH, Florida DOH, Louisiana DEQ, Oregon DEQ, Washington DOE, Texas CEQ and Arizona DOH. We are accredited by the U.S. Naval Facilities Engineering Service Center for Department of Defense project support.

We appreciate the opportunity to provide this quote and look forward to working with you on this project. Please call me if you have questions regarding our submittal or need any additional information.

Sincerely,

Jennifer Miller Technical Sales 800-985-5955 x1008



Price Quotation for Port of Tacoma, Tacoma, WA Admin Bldg

Quote #: Q101016535R0

October 8, 2010

Description

Unit Cost

Analysis

Passive Ultra III TD - VOCs by GC/MS
Passive Ultra III TD (Sh)-PCE, TCE, & VC - see attached

\$ 165.00

Media Preparation Costs

Ultra III Passive Sampler Fuel Surcharge

30.00 Included

*All media is billed for preparation charges and these costs are applicable regardless of whether media is returned used or unused.

Miscellaneous Costs (if Required)

Report Reissue

65/hr

Deliverables

Standard ATL Report (provided in PDF and EXCEL via e-mail)

Included

AirLab Home Test Kit – includes passive VOC, formaldehyde and radon samplers and a tape lift for mold sampling. **Must be ordered via website. Credit cards accepted.** Air Toxics cannot invoice for this kit.

\$350.00

NOTES:

- Prices quoted are good for 60 days from date of quote. If a quote is provided for an ongoing project, prices are subject to a 3% increase on an annual basis.
- Prices include 2nd day shipping to the site; client is responsible for return shipping.
- A Fuel Surcharge may be applied depending on fuel costs. If the carrier levies an adjustable fuel surcharge on shipments, the same adjustable rate will apply to all sampling media shipments and will be reflected as a separate line item on your Air Toxics invoice.
- To ensure availability and prompt delivery of sample media, call at least 5 working days before project starts.
- Air Toxics reserves the right to dilute samples as necessary so as not to damage instrumentation. If you request that samples be analyzed undiluted, additional charges may be assessed.
- Sampling media is provided in support of analytical services. This is not a rental transaction; sample
 canisters may not be sent to another laboratory without prior written consent from Air Toxics.
- Air Toxics' SOP for sample storage states that samples will be retained only until analysis is completed.

180 Blue Ravine Rd. Ste. B Folsom CA 95630 Toll Free: 1-800-985-5955

www.airtoxics.com



AirLab / Ultra III Sampler

Calibrated VOCs		Indoor Air μg/m3				
	9	1 day	3 day	7 day		
Vinyl Chloride*	1 7	0.052	0.017	0.0074		
Acetone*	100	2.9	0.96	0.41		
1,1-Dichloroethene*	TIE.	0.14	0.048	0.02		
methylene chloride*		2.4	0.79	0.34		
trans-1,2-Dichloroethene*	F4 .4	0.14	0.045	0.019		
1,1-Dichloroethane*	-1-	0.11	0.038	0.016		
MTBE*	11 - 11	1.3	0.42	0.18		
cis-1,2-Dichloroethene	1.10	0.12	0.042	0.018		
Chloroform	1.00	0.16	0.055	0.023		
Hexane	16	0.13	0.043	0.019		
MEK	486	1.6	0.54	0.23		
1,2-Dichloroethane	Busili	0.12	0.039	0.017		
1,1,1-Trichloroethane		0.20	0.066	0.028		
Benzene	15,0	3.2	1.1	0.46		
Carbon Tetrachloride	-34	0.21	0.069	0.030		
Trichloroethene	216	0.16	0.054	0.023		
Toluene	20	0.31	0.10	0.044		
Tetrachloroethene	100	0.24	0.078	0.034		
Ethylbenzene	170.0	0.17	0.056	0.024		
m,p-xylene	A.10.	0.19	0.063	0.027		
o-Xylene	File	0.19	0.063	0.027		
Styrene	1.5	0.16	0.054	0.023		
1,2,4-Trimethylbenzene	2.700	0.18	0.058	0.025		
1,4-Dichlorobenzene	10 Glat	0.19	0.065	0.028		
Naphthalene	DED.	0.36	0.12	0.052		

^{*}Maximum sample duration has not been verified; possibility for back diffusion exist past (3) days.

Calculated sampling rate available.



AirLab / Ultra III Sampler

	AirLab / Ultra III Sampler					
1	Outdoor Air					
Calibrated VOCs	18	μg/m3				
	1 day	3 day	7 day			
1,3-Butadiene*	0.11		0.050			
Acetone*	1.1	0.36	0.16			
1,1-Dichloroethene*	0.11	0.038	0.016			
methylene chloride*	1.6	0.55	0.24			
trans-1,2-Dichloroethene*	0.094	0.031	0.013			
1,1-Dichloroethane*	0.10	0.035	0.015			
MTBE*	0.92	0.31	0.13			
cis-1,2-Dichloroethene	0.094	0.031	0.013			
Chloroform	0.13	0.043	0.018			
Hexane	0.087	0.029	0.012			
MEK	0.60	0.20	0.086			
1,2-Dichloroethane	0.098	0.033	0.014			
1,1,1-Trichloroethane	0.13	0.044	0.019			
Benzene	2.2	0.72	0.31			
Carbon Tetrachloride	0.15	0.051	0.022			
Cyclohexane	0.076	0.025	0.011			
1,2-Dichloropropane	0.11	0.037	0.016			
Trichloroethene	0.12	0.042	0.018			
Heptane	0.10	0.033	0.014			
Methylcyclohexane	0.098	0.033	0.014			
1,1,2-Trichloroethane	0.15	0.050	0.021			
Toluene	0.19	0.064	0.027			
Tetrachloroethene	0.18	0.060	0.026			
Chlorobenzene	0.11	0.037	0.016			
Ethylbenzene	0.12	0.039	0.017			
m,p-xylene	0.12	0.040	0.017			
o-Xylene	0.13	0.043	0.018			
Styrene	0.11	0.035	0.015			
1,1,2,2-Tetrachloroethane	0.20	0.067	0.028			
Cumene	0.14	0.045	0.019			
n-Propylbenzene	0.15	0.050	0.021			
4-Ethyltoluene	0.15	0.050	0.021			
1,3,5-Trimethylbenzene	0.14	0.048	0.020			
1,2,4-Trimethylbenzene	0.14	0.048	0.020			
Naphthalene	0.30	0.099	0.042			

^{*}Maximum sample duration has not been verified; possibility for back diffusion exist past (3) days.

Calculated sampling rate available.

Method: Passive Ultra III TD (Sh)-PCE, TCE, & VC

Compound	Rpt.Limit(ng)
Vinyl Chloride	1.3
Trichloroethene	2.7
Tetrachloroethene	3.4
Surrogate	Method Limits
4-Bromofluorobenzene	70-130

Reporting limits cited do not take into account sample dilution due to matrix interference.



- Client bears sole responsibility for determining the applicability of and meeting compliance with all
 regulations applicable to the shipment of samples. Air Toxics assumes no liability with respect to the
 collection, handling, or shipping of samples. D.O.T. HAZMAT Hotline is (800) 467-4922.
- Invoicing on Net 30 basis. Analytical services will be provided per Air Toxics' Standard Terms and Conditions.

Standard report and standard EDD turnaround time is 10 business days.

Air Toxics Rush Turnaround Time Surcharges:

Same Day - 200% 1 Day - 100% 2 Day - 75% 3 Day - 50% 1 Week - 15%

Note: Rush TATs are calculated by business days not by time of receipt; if specific time of delivery is required this must be established with the laboratory ahead of time. Surcharges apply to analytical prices only. Call to discuss rush turnaround time availability.

180 Blue Ravine Rd. Ste. B Folsom CA 95630 Toll Free: 1-800-985-5955

Hooton, Scott

From:

Jennifer Miller [imiller@airtoxics.com]

Sent:

Wednesday, November 03, 2010 1:23 PM

To:

Hooton, Scott

Cc: Subject: imiller@airtoxics.com; Linda Penrod

RE: Quote and RLs we discussed for passive sampling option

Attachments:

Q101016535R0 Port of Tacoma_R1 AirLab.pdf

Hi Scott,

See you found the quote I sent over initially. I apologize for the delay in following up after our phone conversation. Here's the quote with a line item for the AirLab Home Test Kit. Please note that if your colleagues are interested in the kit, they will need to be ordered through the website – www.airtoxics.com. Data will only be reported in the format found on the website.

If VOCs and/or formaldehyde are of interest AND standard Level II or IV reporting is needed, then we will set up the order through Air Toxics.

Please let me know if you have any questions.

Best Regards,

Jennifer Miller **Technical Sales** Air Toxics Ltd. 180 Blue Ravine Road, Ste. B Folsom, CA 95630

916-439-3111 cell imiller@airtoxics.com



Www.airtoxics.com

800-985-5955

Celebrating 20 Years of Excellence

From: Hooton, Scott [mailto:shooton@portoftacoma.com]

Sent: Wednesday, November 03, 2010 10:27 AM

To: 'Jennifer Miller'

Subject: RE: Quote and RLs we discussed for passive sampling option

Thanks, Jennifer –

What about the costs for other typical indoor air quality tests associated with typical "sick-building" concerns (radon, mold, etc.)?

I understood those would be included in this estimate as an option.

Please call me if questions.

Thanks,

Scott

Scott Hooton | Port of Tacoma | Environmental Programs | PO Box 1837, Tacoma, WA 98401-1837 | (253) 383.9428

From: Jennifer Miller [mailto:jmiller@airtoxics.com] **Sent:** Wednesday, October 13, 2010 2:02 PM

To: Hooton, Scott

Cc: Karen Lopez; Jennifer Miller

Subject: Quote and RLs we discussed for passive sampling option

Scott.

We appreciate this opportunity to support your indoor air evaluation. Please find our quote attached for your review and consideration. There is also a list of the final RLs after exposure for your perusal. (We'll only report the 3 compounds you're interested in, but you can see all of the VOCs we can successfully quantitate with this passive sampler.)

If you have any questions, please don't hesitate to ask. If you'd like to order the sample media and set up your project, please contact Karen Lopez, our NW Project Manager. She is cc'ed on this email and her direct line is 916-605-3410.

Thanks!

Best Regards,

Jennifer Miller Technical Sales Air Toxics Ltd. 180 Blue Ravine Road, Ste. B Folsom, CA 95630

916/605-3408 jmiller@airtoxics.com

www.airtoxics.com 800-985-5955

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They are intended for the sole use of the addressee. If you receive this transmission in error, you are advised that

any disclosure, copying, distribution, or the taking of any action in reliance upon the communication is strictly p rohibited.

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Form ID No.

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			YOUR RECORDS	ADT YEOR	SIHT MIAT	38				

Terms And Conditions

Definitions On this Airbill, "we," "our," "us," and "FedEx" refer to Federal Express Corporation, its employees, and agents. "You" and "your" refer to the sender, its employees, and agents.

Agreement To Terms By giving us your package to deliver, you agree to all the terms on this Airbill and in the current FedEx Service Guide, which is available upon request. You also agree to those terms on behalf of any third party with an interest in the package. If there is a conflict between the current FedEx Service Guide and this Airbill, the current FedEx Service Guide will control. No one is authorized to change the tarms of our Agreement.

Responsibility For Packaging And Completing Airbill You are responsible for adequately packaging your goods and properly filling out this Airbill. If you omit the number of packages and/or weight per package, our billing will be based on our best estimate of the number of packages we received and/or an estimated "default" weight per package as determined by us.

Responsibility For Payment Even if you give us different payment instructions, you will always be primarily responsible for all delivery costs, as well as any cost we incur in either returning your package to you or warehousing it pending disposition.

Limitations On Our Liability And Liabilities Not Assumed

- Our liability in connection with this shipment is limited to the lesser of your actual damages or \$100, unless you declare a higher value, pay an additional charge, and document your actual loss in a timely manner. You may pay an additional charge for each additional \$100 of declared value. The declared value does not constitute, nor do we provide, cargo liability insurance.
- Industry, itsulations.

 In any event, we will not be flable for any damage. Whether direct, incidental, special, or consequential, in excess of the decapered value of a shipment, whether or not FedEx had knowledge that such damages might be incurred, including but not limited to loss of income or profits.

We won't be liable:

- for your acts or omissions, including but not limited to improper or insufficient packing, securing, marking, or addressing, or those of the recipient or anyone else with an interest in the package.
 - if you or the recipient violates any of the terms of our Agreement.
- for loss of or damage to shipments of prohibited items.
- for loss, damage, or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, acts of public enemies, war, strikes, civil commotions, or acts of public authorities with actual or apparent authority.

Declared Value Limits

- The highest declared value allowed for a FedEx Envelope or FedEx Pak shipment is \$500.
- For other shipments, the highest declared value allowed is \$50,000 unless your package contains items of extraordinary value, in which case the highest declared value allowed is \$500.
- Items of extraordinary value include shipments containing such items as artwork, jewelry, furst preciods/metals, negotiable instruments, and other items listed in the current FedEx Service Guide.
- You may send more than one package on this Airbill and fill in the total declared value for all packages, not to exceed the \$100, \$500, or \$50,000 per packages init described above. (Example: 5 packages can have a total declared value of tup to \$250,000.) In that case, our liability is limited to the actual value of the package(s) lost or damaged, but may not exceed the maximum allowable declared value(s) or the total declared value).

Filing A Claim YOU MUST MAKE ALL CLAIMS.IN WHITING and notify us of your claim within strict time limits set out in the current FedEx Service Guide.

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If the recipient accepts your package without noting any damage on the delivery record, we will assume the package was delivered in good condition. For us to process your claim, you must make the original shipping cartons and packing available for inspection.

Right To Inspect We may, at our option, open and inspect your packages before or after you give them to us to deliver.

Right Of Rejection We reserve the right to reject a shipment when such shipment would be likely to cause delay or damage to other shipments, equipment, or personnel; or aft the shipment is prohibited by law; or if the shipment would widate any terms of our Airbill or the current

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C:O.D. Service Guide.

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Money-Back Guarantee In the event of untimely delivery,
FedEx will, at your request and with some limitations, rafund
or credit all transportation charges. See the current FedEx
Service Guide for more information.

tax when required by the Internal Revenue Code on the air

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PASSIVE SAMPLE COLLECTION



Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA 95630 (916) 985-1000 FAX (916) 985-1020

Other (**Workplace Monitoring** FedEx Trucking # 870435953344 ö T T Outdoor Air 巾 Work Order # X X Indoor Air Page 1 Reporting **M**/g/m3 ☐ mg/m3 D ppmv Passive Vitra II To Notes: See Air Toxics Quok (SH)-PCE, TCE, VC, & U ppbv Units: Requested Sample Site Air Temperature: Analysis **Turn Around** 8,2010 Q101016535RD CIS-DCE 68° F X Normal Time: specify Rush Custody Seals Intact? October Retrieval Time of (hr:min) 0820 **6824** Admin Bldg Tacordo (mm/dd/yy) 15/10/10 01/01/21 Retrieval Date of Condition P.O. # 75945 Project Name Project Info: Deployment (hr:min) Time of Project #_ C751 0759 Date/Time Date/Time Date/Time Email Shooten Port of tycom Temp (°C) Deployment 15/12/10 (mm/dd/yy) 12/9/10 +2/4/10 17/2/10 Date of State 24 Zip 98401 Received by: (signature) Received by: (signature) Received by: (signature) 4420000 10000153 Sampler # 10000339 10000259 Fax 253-128-8679 Cest Hoten Stotiu) Air Bill PORCASTAL City Tacoma 0905 STation) O) NE CUDICIE (DORCAS FOLMET Station CHAIN-OF-CUSTODY RECORD 02 NWCJbick (West LOWIS Field Sample I.D. (Location) Scott Hooton 12/10/10-Date/Time Date/Time Date/Fime Collected by: (Print and Sign) S. Houtur Company Port of Tacona Of NE Cobick UZ-NW CUBIC Siteun Plaza 253.383.9428 Relinquished by: (signature) Relinquished by: (signature) Relinquished by: (signature) Shipper Name South Mort Project Manager_ Address / Lab I.D. Phone_

None

ž

Yes

Use





12/22/2010 Mr. Scott Hooton Port of Tacoma 1 Sitcum Way

Tacoma WA 98421

Project Name: Port of Tacoma Admin Bldg

(arenjopez

Project #:

Workorder #: 1012410

Dear Mr. Scott Hooton

The following report includes the data for the above referenced project for sample(s) received on 12/17/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Passive Ultra III (TD) are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Karen Lopez at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Karen Lopez

Project Manager



WORK ORDER #: 1012410

Work Order Summary

CLIENT:

Mr. Scott Hooton

BILL TO: Mr. Scott Hooton

Port of Tacoma

Port of Tacoma

1 Sitcum Way

1 Sitcum Way

Tacoma, WA 98421

Tacoma, WA 98421

PHONE:

253-383-5841

P.O. # 75945

FAX:

PROJECT#

Port of Tacoma Admin Bldg

DATE RECEIVED: DATE COMPLETED:

12/17/2010 12/17/2010

CONTACT:

Karen Lopez

FRACTION #	NAME	TEST
01A	01 NE Cubicle (Dorcas Former Station)	Passive Ultra III (TD)
01B	01 NE Cubicle (Dorcas Former Station) Bla	Passive Ultra III (TD)
02A	02 NW Cubicle (West Lonis Station)	Passive Ultra III (TD)
02B	02 NW Cubicle (West Lonis Station) Blank	Passive Ultra III (TD)
03A	Lab Blank	Passive Ultra III (TD)
04A	CCV	Passive Ultra III (TD)
05A	LCS	Passive Ultra III (TD)
05AA	LCSD	Passive Ultra III (TD)

CERTIFIED BY:

Servala d. Fruman

DATE: 12/22/10

Laboratory Director



LABORATORY NARRATIVE Passive TO-17 GC/MS Port of Tacoma Workorder# 1012410

Two Ultra III samples were received on December 17, 2010. The laboratory transferred the sample sorbent bed and the associated blank sorbent bed each to separate thermal desorption tubes. The laboratory performed the analysis via EPA Method TO-17 using GC/MS in the full scan mode.

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the sampling rate for each VOC. If sampling rates were calculated by the lab or the manufacturer, the concentration result has been flagged as an estimated value.

The modification to EPA Method TO-17 method is based on the sample collection procedures. Method TO-17 relies on active sample collection rather than passive sample collection.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

A sample duration of 1496 minutes and a temperature of 68 deg F was used to calculate concentrations in the Lab Blank.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

- B Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
 - J Estimated value.
 - E Exceeds instrument calibration range.
 - S Saturated peak.
 - Q Exceeds quality control limits.
 - U Compound analyzed for but not detected above the reporting limit.
 - UJ- Non-detected compound associated with low bias in the CCV
 - N The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

- a-File was requantified
- b-File was quantified by a second column and detector
- r1-File was requantified for the purpose of reissue



Summary of Detected Compounds VOC BY PASSIVE SAMPLER- GC/MS

Client Sample ID: 01 NE Cubicle (Dorcas Former Station)

Lab ID#: 1012410-01A

No Detections Were Found.

Client Sample ID: 01 NE Cubicle (Dorcas Former Station) Blank

Lab ID#: 1012410-01B

No Detections Were Found.

Client Sample ID: 02 NW Cubicle (West Lonis Station)

Lab ID#: 1012410-02A

No Detections Were Found.

Client Sample ID: 02 NW Cubicle (West Lonis Station) Blank

Lab ID#: 1012410-02B

No Detections Were Found.



Client Sample ID: 01 NE Cubicle (Dorcas Former Station)

Lab ID#: 1012410-01A

TIO C DEL DA COTETE	CARATE	1212	COME
VOC BY PASSIVE	SAMPL	.H.K-	C-C/VIS

Dil. Factor:	m121633 Date of Extraction: NADate of Collection: 12/16/10 1.00 Date of Analysis: 12/17/10 02:23 PM				
Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)	
Vinyl Chloride	1.3	0.052	Not Detected	Not Detected	
cis-1,2-Dichloroethene	2.0	0.12	Not Detected	Not Detected	
Trichloroethene	2.7	0.16	Not Detected	Not Detected	
Tetrachloroethene	3.4	0.23	Not Detected	Not Detected	
Container Type: Ultra III (TD)					
La compania				Method	
Surrogates		%Recovery		Limits	
4-Bromofluorobenzene		98	1	70-130	



Client Sample ID: 01 NE Cubicle (Dorcas Former Station) Blank

Lab ID#: 1012410-01B VOC BY PASSIVE SAMPLER- GC/MS

File Name: Dil. Factor:	m121632 Date of Extraction: NADate of Collection: 12/16/10 1.00 Date of Analysis: 12/17/10 01:55 PM				
Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)	
Vinyl Chloride	1.3	0.052	Not Detected	Not Detected	
cis-1,2-Dichloroethene	2.0	0.12	Not Detected	Not Detected	
Trichloroethene	2.7	0.16	Not Detected	Not Detected	
Tetrachloroethene	3.4	0.23	Not Detected	Not Detected	
Container Type: Ultra III (TD)					
				Method	
Surrogates		%Recovery		Limits	
4-Bromofluorobenzene		96		70-130	



Client Sample ID: 02 NW Cubicle (West Lonis Station) Lab ID#: 1012410-02A

Dil. Factor:	1.00	Date	e of Analysis: 12/17	/10 03:19 PM
Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Vinyl Chloride	1.3	0.052	Not Detected	Not Detected
cis-1,2-Dichloroethene	2.0	0.12	Not Detected	Not Detected
Trichloroethene	2.7	0.16	Not Detected	Not Detected
Tetrachloroethene	3.4	0.23	Not Detected	Not Detected
Container Type: Ultra III (TD)				
				Method
Surrogates	purson 10°V	%Recovery	- x	Limits
4-Bromofluorobenzene	Th	98	wa.	70-130



Client Sample ID: 02 NW Cubicle (West Lonis Station) Blank

Lab ID#: 1012410-02B

File Name: Dil. Factor:	m121634 Date of Extraction: NADate of Collection: 12/16/10 1.00 Date of Analysis: 12/17/10 02				
Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)	
Vinyl Chloride	1.3	0.052	Not Detected	Not Detected	
cis-1,2-Dichloroethene	2.0	0.12	Not Detected	Not Detected	
Trichloroethene	2.7	0.16	Not Detected	Not Detected	
Tetrachloroethene	3.4	0.23	Not Detected	Not Detected	
Container Type: Ultra III (TD)					
				Method	
Surrogates		%Recovery		Limits	
4-Bromofluorobenzene		97		70-130	



Client Sample ID: Lab Blank Lab ID#: 1012410-03A

File Name: Dil. Factor:	m121610 Date o	f Extraction: NADate Date	e of Analysis: 12/16	6/10 07:12 PM
Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Vinyl Chloride	1.3	0.052	Not Detected	Not Detected
cis-1,2-Dichloroethene	2.0	0.12	Not Detected	Not Detected
Trichloroethene	2.7	0.16	Not Detected	Not Detected
Tetrachloroethene	3.4	0.23	Not Detected	Not Detected
Container Type: Ultra III (TD)				
Cordell				Method
Surrogates		%Recovery		Limits
4-Bromofluorobenzene		99		70-130



Client Sample ID: CCV Lab ID#: 1012410-04A

File Name:	m121606	Date of Extraction: NADate of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/16/10 05:39 PM

Compound		%Recovery
Vinyl Chloride		114
cis-1,2-Dichloroethene		100
Trichloroethene		88
Tetrachloroethene		103
Container Type: Ultra III (TD)		
		Method
Surrogates	%Recovery	Limits
4-Bromofluorobenzene	99	70-130



Client Sample ID: LCS Lab ID#: 1012410-05A

File Name:	m121607	Date of Extraction: NADate of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/16/10 06:06 PM

Compound		%Recovery
Vinyl Chloride		125
cis-1,2-Dichloroethene		110
Trichloroethene		95
Tetrachloroethene		112
Container Type: Ultra III (TD)		
mali mali mali mali mali mali mali mali		Method
Surrogates	%Recovery	Limits
4-Bromofluorobenzene	99	70-130



Client Sample ID: LCSD Lab ID#: 1012410-05AA

١			
١	File Name:	m121608	Date of Extraction: NADate of Collection: NA
	Dil. Factor:	1.00	Date of Analysis: 12/16/10 06:28 PM

Compound		%Recovery
Vinyl Chloride		128
cis-1,2-Dichloroethene		112
Trichloroethene		100
Tetrachloroethene		112
Container Type: Ultra III (TD)		
		Method
Surrogates	%Recovery	Limits
4-Bromofluorobenzene	99	70-130



PACKING SLIP

Page 1 of 1

Prepared For:

Ship Date:

11/10/10

Ship ID:

KL75945

Item ID Code	Quantity	Description	Replacement Costs	Ship Date
	2	Misc		01/01/1990

Total Shipment Value:

IMPORTANT! The preparation and certification charges for the above equipment will be billed upon return to the laboratory for analysis. This equipment is part of an analytical service and must not be transferred to any other party unless approved by Air Toxics Ltd. Any equipment not returned within 30 days will be billed as indicated above. We appreciate your doing business with Air Toxics Ltd.

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