

COMPREHENSIVE VALIDATION PACKAGE

ATL Applications

INVENTORY SHEET

WORK ORDER # 0909547C

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Completed by:

Kara McKiernan

(Signature)

Kara McKiernan/ Document Control

(Print Name & Title)

10/15/09

(Date)

WORK ORDER #: 0909547C

Work Order Summary

CLIENT:	Mr. Taeko Minegishi Environmental Health & Engineering, Inc. 117 Fourth Avenue Needham, MA 02494	BILL TO:	Accounts Payable Environmental Health & Engineering, Inc. 117 Fourth Avenue Needham, MA 02494
PHONE:	800-825-5343	P.O. #	16512
FAX:	781-247-4305	PROJECT #	16512
DATE RECEIVED:	09/25/2009	CONTACT:	Ausha Scott
DATE COMPLETED:	10/14/2009		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
32A	106753	ATL Applications
32AA	106753 Lab Duplicate	ATL Applications
33A	106754	ATL Applications
34A	106755	ATL Applications
35A	106756	ATL Applications
36A	106780	ATL Applications
37A	106781	ATL Applications
38A	106782	ATL Applications
38AA	106782 Lab Duplicate	ATL Applications
39A	106783	ATL Applications
40A	106784	ATL Applications
41A	106785	ATL Applications
42A	106809	ATL Applications
43A	106810	ATL Applications
44A	106811	ATL Applications
45A	106812	ATL Applications
46A	106813	ATL Applications
47A	106814	ATL Applications

Continued on next page

WORK ORDER #: 0909547C

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CLIENT:	Mr. Taeko Minegishi Environmental Health & Engineering, Inc. 117 Fourth Avenue Needham, MA 02494	BILL TO:	Accounts Payable Environmental Health & Engineering, Inc. 117 Fourth Avenue Needham, MA 02494
PHONE:	800-825-5343	P.O. #	16512
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DATE RECEIVED:	09/25/2009	CONTACT:	Ausha Scott
DATE COMPLETED:	10/14/2009		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
48A	Lab Blank	ATL Applications
48B	Lab Blank	ATL Applications
49A	CCV	ATL Applications

CERTIFIED BY:

Linda J. Truman

Laboratory Director

DATE: 10/14/09

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

**LABORATORY NARRATIVE
Ozone by Radiello 172
Environmental Health & Engineering, Inc.
Workorder# 0909547C**

Sixteen Radiello 172 (Ozone) samples were received on September 25, 2009. The procedure involves reaction of 4-pyridylaldehyde with 3-methyl-2-benzothiazolinone hydrazone to yield the corresponding azide. The absorbance is then measured at 430 nm using a spectrophotometer. Results are reported in uG and uG/m3.

Sampling rate of 24.6 mL/min was provided by the manufacturer.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Results were calculated based on 25 deg C without temperature correction. The actual exposure time was used to calculate sample concentrations and reporting limits.

An exposure time of 20160 minutes was used for the QC samples.

All media used for the sampling were supplied by the client. Blank subtraction was not performed on the sample results since the media used for Method Blanks may be from a different lot than the media used for the samples.

Definition of Data Qualifying Flags

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

- B - Compound present in laboratory blank greater than reporting limit.
- 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 detection limit.
- M - Reported value may be biased due to apparent matrix interferences.
- 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

Sample Results and Raw Data

AIR TOXICS LTD.

ATL Application # 62 for RAD 172 (Ozone)

Spectrophotometer

Field	Lab	Collection Date	Analysis Date	Dilution Factor	Reporting Limit (ug)	Reporting Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
106753	0909547C-32A	9/22/2009	9/28/2009	1.00	0.64	1.3	12	24
106753 Lab Duplicate	0909547C-32AA	9/22/2009	9/28/2009	1.00	0.64	1.3	12	24
106754	0909547C-33A	9/22/2009	9/28/2009	1.00	0.64	1.3	ND	ND
106755	0909547C-34A	9/22/2009	9/28/2009	1.00	0.64	1.3	ND	ND
106756	0909547C-35A	NA	9/28/2009	1.00	0.64	1.3	ND	ND
106780	0909547C-36A	9/22/2009	9/28/2009	1.00	0.64	1.3	ND	ND
106781	0909547C-37A	9/22/2009	9/28/2009	1.00	0.64	1.3	ND	ND
106782	0909547C-38A	9/22/2009	9/28/2009	1.00	0.64	1.3	11	22
106782 Lab Duplicate	0909547C-38AA	9/22/2009	9/28/2009	1.00	0.64	1.3	11	22
106783	0909547C-39A	9/22/2009	9/28/2009	1.00	0.64	1.3	ND	ND
106784	0909547C-40A	9/22/2009	9/28/2009	1.00	0.64	1.3	ND	ND
106785	0909547C-41A	NA	9/28/2009	1.00	0.64	1.3	0.85	1.7
106809	0909547C-42A	9/23/2009	9/28/2009	1.00	0.64	1.3	ND	ND
106810	0909547C-43A	9/23/2009	9/28/2009	1.00	0.64	1.3	ND	ND
106811	0909547C-44A	9/23/2009	9/28/2009	1.00	0.64	1.3	12	24
106812	0909547C-45A	9/23/2009	9/28/2009	1.00	0.64	1.3	ND	ND
106813	0909547C-46A	9/23/2009	9/28/2009	1.00	0.64	1.3	ND	ND
106814	0909547C-47A	NA	9/28/2009	1.00	0.64	1.3	ND	ND
Method Blank	0909547C-48A	NA	9/28/2009	1.00	0.64	1.3	ND	ND
Method Blank	0909547C-48B	NA	9/28/2009	1.00	0.64	1.3	ND	ND
CCV	0909547C-49A	NA	9/28/2009	1.00	0.64	1.3	%Rec 99	

COMMENTS: 1. NA=Not Applicable

2. ND=Not Detected

3. Exposure time of 20160 minutes was assumed for the QC samples.

4. Background subtraction not performed.

Ozone Radiello Calculation Worksheet

Workorder #: 0909547C

Sampling Rate (ml/min) 24.6 Typically 24.6 for Ozone

Sampling T (deg C) 25 Typically 25

Volume (ml) 5 Typically 5 for Ozone

Date of Analysis: 9/28/2009

(Abs-Y-int)/DF
Slope

Conc (ug) x 1000000
Q x Duration

Low Point/DF

LabSampleID	Client	Date of Collection	Abs	Duration (min)	DF	Ozone Conc (ug)	Conc (ug/m3)	RI(ug)
32A	106753	9/22/2009	1.339	20160	1.00	11.79619585	23.786	0.638
32AA	106753 Lab Duplicate	9/22/2009	1.344	20160	1.00	11.84039607	23.875	0.638
33A	106754	9/22/2009	0.031	20160	1.00	0.233417235	0.471	0.638
34A	106755	9/22/2009	0.036	20160	1.00	0.277617459	0.560	0.638
35A	106756	NA	0.041	20160	1.00	0.321817683	0.649	0.638
36A	106780	9/22/2009	0.04	20160	1.00	0.312977638	0.631	0.638
37A	106781	9/22/2009	0.053	20160	1.00	0.427898221	0.863	0.638
38A	106782	9/22/2009	1.258	20160	1.00	11.08015222	22.342	0.638
38AA	106782 Lab Duplicate	9/22/2009	1.272	20160	1.00	11.20391285	22.591	0.638
39A	106783	9/22/2009	0.053	20160	1.00	0.427898221	0.863	0.638
40A	106784	9/22/2009	0.054	20160	1.00	0.436738266	0.881	0.638
41A	106785	NA	0.101	20160	1.00	0.852220372	1.718	0.638
42A	106809	9/23/2009	0.046	20160	1.00	0.366017907	0.738	0.638
43A	106810	9/23/2009	0.037	20160	1.00	0.286457504	0.578	0.638
44A	106811	9/23/2009	1.341	20160	1.00	11.81387594	23.821	0.638
45A	106812	9/23/2009	0.04	20160	1.00	0.312977638	0.631	0.638
46A	106813	9/23/2009	0.036	20160	1.00	0.277617459	0.560	0.638
47A	106814	NA	0.017	20160	1.00	0.109656608	0.221	0.638
48A	Method Blank	NA	0.017	20160	1.00	-0.040624154	#DIV/0!	0.638
48B	Method Blank	NA	0.019	20160	1.00	-0.040624154	#DIV/0!	0.638
49A	Method Blank	NA	0.292	20160	1.00	-0.040624154	#DIV/0!	0.638
	CCV	NA				2.540668931	5.123	0.638

QC Duration
20160

CCV Spike Amt
2.5536

RL (ug) x 1000000
Q x Duration

Calibration Data

Date of Calibration
9/28/2009 Linear Regression

4-PA
ug/ml*0.224*0.5ml

4-PA ug/ml	Ozone ug/ml	absorbance	Slope
0	0	0	0.1113121598
5.7	0.6384	0.073	0.004595469
11.4	1.2768	0.152	0.999963407
22.8	2.5536	0.292	
57	6.384	0.731	
114	12.768	1.447	

hand entry

RL (ug/m3)	Result (ug)	Result (ug/m3)	%Rec
1.287	11.79619585	23.78572205	
1.287	11.84039607	23.8748469	
1.287	ND	ND	
1.287	11.08015222	22.3418994	
1.287	11.20391285	22.59144899	
1.287	ND	ND	
1.287	0.852220372	1.718407964	
1.287	ND	ND	
1.287	11.81387594	23.82137199	
1.287	ND	ND	
1.287	2.540668931	5.122977423	%Rec 99

QC Results and Raw Data

Work Order: 0909547CDate: 9/28/09Method: Rad 172Analyst: M. SkidmoreWavelength: 430 nm

Standard ID	Concentration	ABS
	(Concentration of 4-PA)	
Level 1 1858-55-E	5.7 µg/mL	0.073
Level 2 -D	11.4 µg/mL	0.152
Level 3 -C	22.8 µg/mL	0.292
Level 4 -B	57 µg/mL	0.731
Level 5 -A	114 µg/mL	1.447
ICV 1858-57	22.8 µg/mL	0.273

$$r = \frac{0.9999}{0.1131}$$

$$b = \frac{0.004595}{0.1131}$$

$$\text{ICV \% Recovery} = 93\%$$

Fraction	Dilution	ABS	Sample ID	Sample Volume	Comments
32A	1.00	1.339	106753	5.0 mL	
32AA		1.344	106753		
33A		0.031	106754		
34A		0.036	106755		
35A		0.041	106756		
36A		0.040	106780		
37A		0.053	106781		
38A		1.258	106782		
38AA		1.272	106782		
39A		0.053	106783		
40A		0.054	106784		
41A		0.101	106785		
42A		0.046	106809		
43A		0.037	106810		
44A		1.341	106811		
45A		0.040	106812		
46A		0.036	106813		
47A		0.017	106814		
Blk		0.017	N/A		
Blk		0.019			
LS		0.270			
CCV		0.292			

Procedure:


Signed

10/5/09
Date

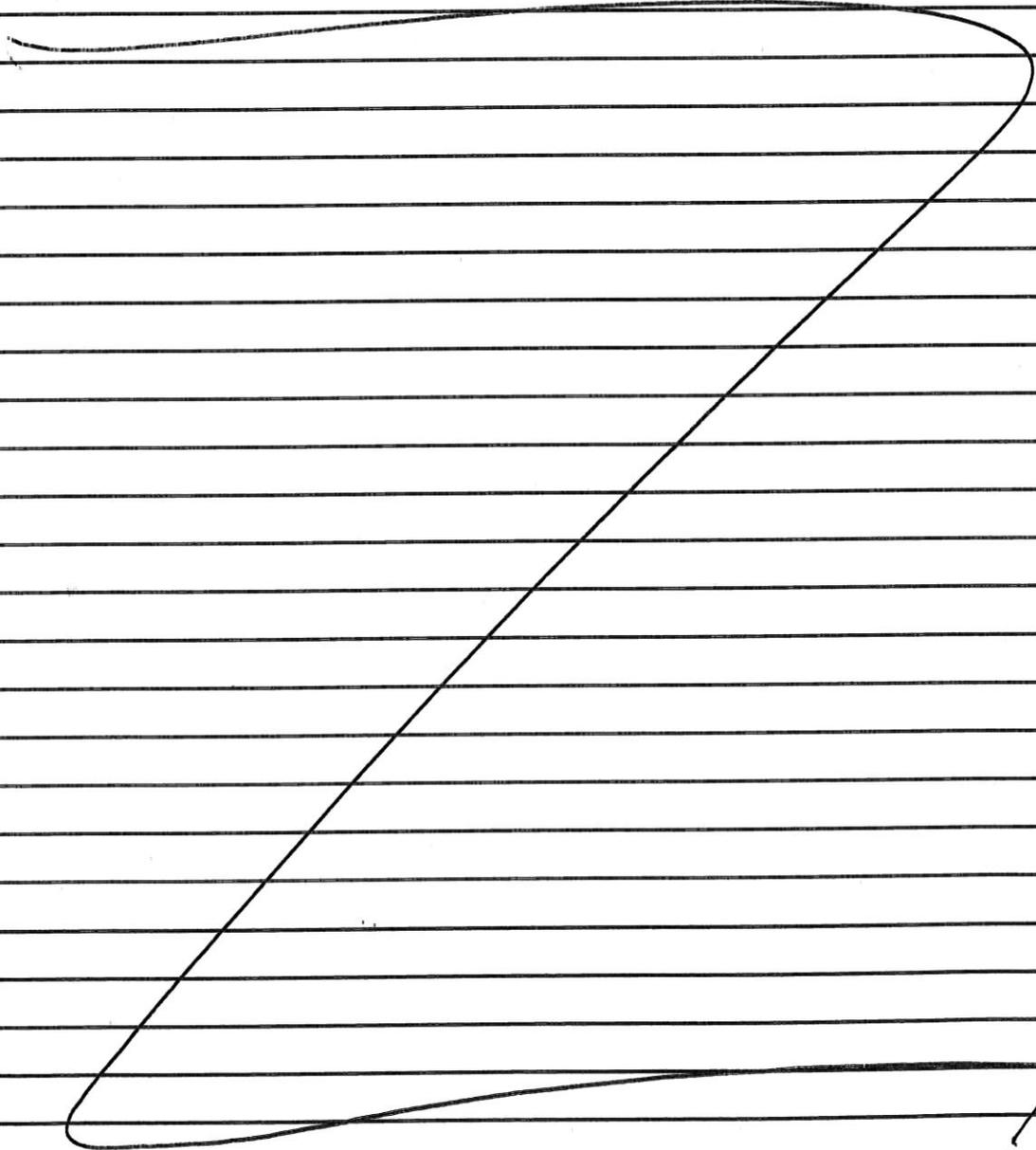
Spectrophotometer Standard Preparation Log

@Air Toxics Ltd. Log Book #: 1858

Standard ID: 1858-54
Project: Rad 172 MBTH SOLUTION
Analyst: M. Skidmore
Preparation Date: 2/28/0 ^{MS 9/28/09}
Expiration Date: 9/28/09

Solvent: D.I. H₂O
Solvent Lot #: N/A

Procedure/Comments: Dissolve 2.5 g of 3-methyl-2-benzothiazolinone
hydrazone hydrochloride hydrate, (97% (1476-1106, located in ERIA)
into 500 mL DI H₂O and add 2.5 mL of concentrated
sulfuric acid



MS
9/28/09

[Signature] 10/6/09
Signed Date

[Signature]
Reviewed

10/5/09
Date Rev. 8/97

Spectrophotometer Standard Preparation Log

@Air Toxics Ltd. Log Book #: 1858

Standard ID: 1858-55
Project: Rad 172 Calibration Solution
Analyst: M. Skidmore
Preparation Date: 9/28/09
Expiration Date: 9/28/09

Solvent: DI H₂O
Solvent Lot #: N/A

Procedure/Comments: _____

Dissolve 20 µl of 4-Pyridine-carboxaldehyde, 97% (1476-1103, located F22H) in 200mL D.I. H₂O. From this solution prepare dilutions at 1:2, 1:5, 1:10, 1:20. Stock Solution = 114 µg/mL.

1:2) 250 µl Pyridine solution with 250 µl of D.I. H₂O = 57 µg/mL.

1:5) 100 µl Pyridine solution with 400 µl of D.I. H₂O = 22.8 µg/mL.

1:10) 100 µl Pyridine solution with 900 µl of D.I. H₂O = 11.4 µg/mL

1:20) 250 µl Pyridine 1:10 solution with 250 µl of D.I. H₂O = 5.7 µg/mL
(Then remove 250 µl of 1:10 solution to yield a final volume of 0.5 mL)

Then add 4.5 mL of MBTH solution to each level, stir and let stand for 1 hour (cover with parafilm). Then read absorbance at 430 nm.

Note: 1 µg of 4-pyridylaldehyde = 0.224 µg of ozone.

MJS 9/28/09

MJS
9/28/09

Spectrophotometer Standard Preparation Log

@Air Toxics Ltd. Log Book #: 1858

Standard ID: 1858-57
Project: ICV RAD 172
Analyst: UG
Preparation Date: 9/28/09
Expiration Date: 9/28/09

Solvent: D.I. H₂O
Solvent Lot #: NA

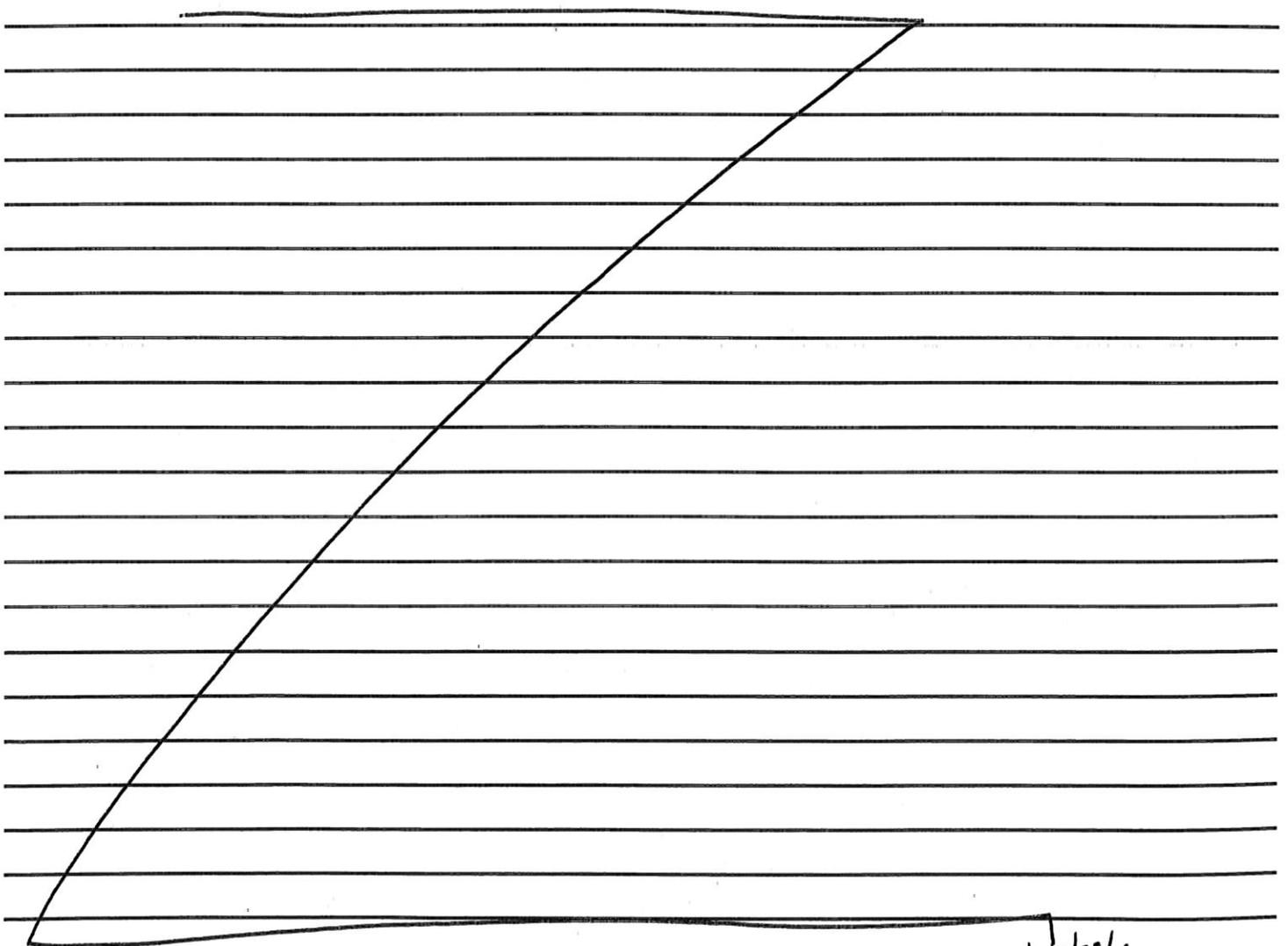
Procedure/Comments: _____

_____ Dissolve 20 μ l of 4-Pyridine-carboxaldehyde, 97% (1476-1103, located F22H) in 200mL
_____ D.I. H₂O. Stock Solution = 114 μ g/mL. From this solution prepare a dilution at:

_____ 1:5) 100 μ l Pyridine solution with 400 μ l of D.I. H₂O = 22.8 μ g/mL.

_____ Then add 4.5 mL of MBTH solution to each level, stir and let stand for 1 hour (cover
_____ with parafilm). Then read absorbance at 430 nm.

_____ Note: 1 μ g of 4-pyridylaldehyde = 0.224 μ g of ozone.



Page 57 *[Signature]* Signed 9/28/09 Date *[Signature]* Reviewed 10/5/09 Date 10/5/09 Rev. 8/97

Shipping/ Receiving Documents

**180 Blue Ravine Road, Suite B
Folsom, CA 95630**

**Phone (916) 985-1000 FAX (916) 985-1020
Hours 8:00 A.M. to 6:00 P.M. Pacific**

COMPANY: Environmental Health & Engineering, Inc.
ATTENTION: Mr. Taeko Minegishi
FAX #: 781-247-4305
FROM: Sample Receiving
Workorder #: 0909547C
of pages (Including Cover): 4

10/15/2009

Thank you for selecting Air Toxics Ltd. We have received your samples and have found no discrepancies. In order to expedite analysis and reporting, please review the attached information for accuracy.

Corrections can be faxed to **Ausha Scott at 916-985-1020.**

ATL will proceed with the analysis as specified on the Chain of Custody and Sample Login page.

DATE: 9/24/09

FROM: Environmental Health and Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494-2725 **0909547**

TO: Air Toxics

Please send invoices to ATTN: Accounts Payable
Please send reports to ATTN: Data Coordinator

In all correspondence regarding this matter, please refer to EH&E Project # 16512

The cost of this analysis will be covered by EH&E Purchase Order # 16512

For EH & E Data Coordinator - URGENT DATA

SAMPLE ID	SAMPLE TYPE	ANALYTICAL METHOD/NUMBER	START	OTHER: Time/Date/Vol.	STOP
2A 106753	AIR/PASSIVE	OZONE ANALYSIS	9/8/09	9/22/09	
33A 106754					
34A 106755					
35A 106756					
36A 106780			9/8/09	9/22/09	
37A 106781					
38A 106782					
39A 106783					
40A 106784					
41A 106785					
42A 106809			9/9/09	9/23/09	
43A 106810					
44A 106811					
45A 106812					
46A 106813					
47A 106814					

Special Instructions:

- Standard turn around time
- Fax results 781-247-4305
- RETURN SAMPLES
- Additional report recipient msragala@ehemc.com
- Rush by _____ date/time
- Electronic transfer - data coordinator msragala@ehemc.com
- Other _____

CUSTODY SEAL INTACT?
NONE TEMP 40C

Each signatory please return one copy of this form to the above address

Relinquished by: [Signature] of Environmental Health & Engineering, Inc. Date: 9/24/09
 Received by: [Signature] of (company name) AH Date: 9/25/09
 Relinquished by: _____ of (company name) _____ Date: _____
 Received by: _____ of (company name) _____ Date: _____
 Relinquished by: _____ of (company name) _____ Date: _____
 Received by: _____ of (company name) _____ Date: _____
 Lab Data
 Received by: _____ of Environmental Health & Engineering, Inc. Date: _____

SAMPLE RECEIPT SUMMARY

WORKORDER 0909547C

Client	Phone	Date Promised: 10/06/09 11:59 pm
Mr. Taeko Minegishi	800-825-5343	Date Completed: 10/14/09
Environmental Health & Engineering, Inc.	Fax	Date Received: 9/25/09
117 Fourth Avenue	781-247-4305	PO#: 16512
Needham, MA 02494		Project#: 16512
Sales Rep: TL		Total \$: \$ 880.00
		Logged By: MG

<u>Fraction</u>	<u>Sample #</u>	<u>Analysis</u>	<u>Collected</u>	<u>Amount\$</u>
32A	106753	ATL Applications	9/22/2009	\$50.00
32AA	106753 Lab Duplicate	ATL Applications	9/22/2009	\$0.00
33A	106754	ATL Applications	9/22/2009	\$50.00
34A	106755	ATL Applications	9/22/2009	\$50.00
35A	106756	ATL Applications	NA	\$50.00
36A	106780	ATL Applications	9/22/2009	\$50.00
37A	106781	ATL Applications	9/22/2009	\$50.00
38A	106782	ATL Applications	9/22/2009	\$50.00
38AA	106782 Lab Duplicate	ATL Applications	9/22/2009	\$0.00
39A	106783	ATL Applications	9/22/2009	\$50.00
40A	106784	ATL Applications	9/22/2009	\$50.00
41A	106785	ATL Applications	NA	\$50.00
42A	106809	ATL Applications	9/23/2009	\$50.00
43A	106810	ATL Applications	9/23/2009	\$50.00
44A	106811	ATL Applications	9/23/2009	\$50.00
45A	106812	ATL Applications	9/23/2009	\$50.00
46A	106813	ATL Applications	9/23/2009	\$50.00
47A	106814	ATL Applications	NA	\$50.00
48A	Lab Blank	ATL Applications	NA	\$0.00
48B	Lab Blank	ATL Applications	NA	\$0.00

Note: Samples received after 3 P.M. PST are considered to be received on the following work day.
 Atlas Project Name/Profile#: CPSC Indoor Air Monitoring/13297

BILL TO: Accounts Payable
 Environmental Health & Engineering, Inc.
 117 Fourth Avenue
 Needham, MA 02494

Analysis Code: Other GC

TERMS:

Reporting Method: ATL Application #62 Ozone-Radiello 172

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

SAMPLE RECEIPT SUMMARY Continued

Client	Phone	Date Promised: 10/06/09 11:59 pm
Mr. Taeko Minegishi	800-825-5343	Date Completed: 10/14/09
Environmental Health & Engineering, Inc.	Fax	Date Received: 9/25/09
117 Fourth Avenue	781-247-4305	PO#: 16512
Needham, MA 02494		Project#: 16512
Sales Rep: TL		Total \$: \$ 880.00
		Logged By: MG

<u>Fraction</u>	<u>Sample #</u>	<u>Analysis</u>	<u>Collected</u>	<u>Amount\$</u>
49A	CCV	ATL Applications	NA	\$0.00
Misc. Charges eCVP (16) @ \$5.00 each.				\$80.00

Note: Samples received after 3 P.M. PST are considered to be received on the following work day.
Atlas Project Name/Profile#: CPSC Indoor Air Monitoring/13297

BILL TO: Accounts Payable
Environmental Health & Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494

Analysis Code: Other GC

TERMS:

Reporting Method: ATL Application #62 Ozone-Radiello 172

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

Sample Discrepancy Report

Identification

Initiated By: M.Skldmore Project ID:13297 PM: AS Date: 10/8/2009 Discrepancy Type: 1. 2. 3.

Workorder(s) affected:0909547C Sample(s) affected: 41A

1. Sample Receipt Discrepancies

Narration Not Required:

- 1.1. Sample container (cartridge/tube/VOA vial) was received broken, however sample was intact.
- 1.2. No brass cap on canister.
- 1.3. Date of Collection noted on first sample, but no arrow down to indicate all samples.

Notify Lab for further determination:

- 1.4. Tedlar bag received with minimal volume.

Initials: _____ Date: _____

Narration Required in Lab Narrative and Sample Confirmation:

- 1.5. COC was not filled out in Ink.
- 1.6. COC Improperly relinquished / received.
- 1.7. Sample tags / can numbers do not match the COC.
- 1.8. Sample date error / missing on COC but noted on sample tag (check one).
- 1.9. Custody Seal on the outside of the container was broken / Improperly placed (check one).
- 1.10. ID-none on the sample Tag/Blank
- 1.11. Other (describe below).

Describe the Discrepancy:

2. Sample Receipt/Screening Discrepancies requiring PM notification

Document on Cover Page of Sample Receipt Confirmation and in Receiving Notes of Lab Narrative

If Section II. is filled out PM must be notified within 24 hrs of Initiation

- 2.1. COC was not received with samples.
- 2.2. Analysis method(s) is not specified / incorrectly specified (check one) on the COC.
- 2.3. Incorrect sampling media / container for analysis requested.
- 2.4. Number of samples on the COC does not match the number of samples that were received.
- 2.5. Samples were received expired.
- 2.6. Sampling date (time for sulfur) is not documented for some / any samples (check one).
- 2.7. Sample received with amount of H₂O in the Tedlar Bag.
- 2.8. Sample cannot be analyzed. Container was received broken / leaking / flat / defective.
- 2.9. Tedlar bag / canister received emitting a strong odor; Sample can / cannot (check one) be analyzed.
- 2.10. Tedlar Bag for Sulfur analysis has metal fitting.
- 2.11. Environmental Supply Company valves
- 2.12. Sorbent samples-sampling volume was not provided
- 2.13. Flow controller used – canister samples received at ambient or under pressure.
- 2.14. Canister was at ambient pressure at time of pressurization and (check all that apply):
 - Canister failed leak check on two manifolds,
 - Canister valve was open,
 - Brass nut was loose/not present.
 - Sample can be analyzed
 - Cannot be analyzed
- 2.15. Canister sample received with a vacuum difference >5.0"Hg between the receipt vac. And the final vac. reported on the COC, indicating loss of vacuum.
- 2.16. Canister sample received at >15"Hg (not Identified as a Trip/Field Blank).
- 2.17. Canister Trip Blank received at low vacuum (< 25"Hg).
- 2.18. Sorbent Sample received outside method required temperature of 2°C to 6°C; Ice / blue ice (check one) was present. A temp. Blank was / was not present (check one).
- 2.19. Other (describe below)

Initials: _____ Date: _____ Notify Receiving: Notify PM:

Describe the Discrepancy:

3. Lab Discrepancies requiring Team Leader/PM notification

Document in Analytical Notes of Lab Narrative

If Section III. is filled out PM must be notified within 24 hrs of Initiation

- 3.1. Tedlar Bag found to be leaking at the time of analysis; sample can / cannot (check one) be analyzed.
- 3.2. Tedlar Bag found to be flat/low volume; sample cannot be analyzed.
- 3.3. Sulfur samples received with insufficient time to analyze prior to expiration.
- 3.4. Canister found to be leaking at the time of analysis.
- 3.5. VOST tube saturated; bag dilution necessary.
- 3.6. Sample loss due to Instrument malfunction / broken glassware.
- 3.7. Low/high surrogate recoveries noted in QC/sample(s) for extractable samples.
- 3.8. Reporting Limit was raised.
- 3.9. Post weight > Pre weight in field/lab Blank for PM10/TSP samples.
- 3.10. Other (describe below).

Initials: MJS Date: 10/8/2009 Notify Receiving: Notify PM:

Team Lead Initials: _____ Date: _____

Describe the Discrepancy: The client's trip blank had a hit for the target compound.

How Does this Affect Client: _____

Project Manager Use Only

Project Manager Notification Section 2 Complete Section 3 Complete

Action:

It is not necessary to notify the client. Narrate the discrepancy in Receiving Notes/Analytical Notes of Lab Narrative.

PM Initials: AS Date: 10/12/2009

Client notification required. See attached client contact / email, or comments below:

Client Notification:

PM Initials: _____ Person notified: _____ Date: _____

Waiting for Client Reply

Comments: Narrate and proceed

Notify Lab Name: _____ Date: _____ Notify Receiving:

Additional notifications attached.

Additional Comments:

Other Records

Method : ATL Application #62 Ozone-Radiello 172

CAS Number	Compound	Rpt. Limit (ug)
10028-15-6	Ozone	1.0

