



AN ENVIRONMENTAL ANALYTICAL LABORATORY

COMPREHENSIVE VALIDATION PACKAGE

ATL Applications
INVENTORY SHEET

WORK ORDER # 1010488

Table with 3 columns: Item Description, From, To. Includes items like 'Work Order Cover Page & Laboratory Narrative & Table', 'Sample Results and Raw Data', 'QC Results and Raw Data', 'Shipping/Receiving Documents', and 'Other Records'.

Completed by:

Kara McKiernan (Signature)

Kara McKiernan/ Document Control (Print Name & Title)

11/02/10 (Date)

(Signature)

(Print Name & Title)

(Date)

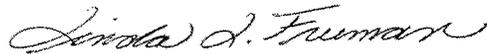
WORK ORDER #: 1010488

Work Order Summary

CLIENT:	Mr. Brian Baker 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. #	17402
FAX:	781-247-4305	PROJECT #	17402
DATE RECEIVED:	10/22/2010	CONTACT:	Ausha Scott
DATE COMPLETED:	11/01/2010		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
01A	118132	ATL Applications
02A	118133	ATL Applications
03A	118134	ATL Applications
04A	118135	ATL Applications
05A	118136	ATL Applications
06A	118137	ATL Applications
07A	118054	ATL Applications
08A	118055	ATL Applications
09A	118056	ATL Applications
10A	118057	ATL Applications
11A	118058	ATL Applications
12A	118064	ATL Applications
12AA	118064 Lab Duplicate	ATL Applications
13A	Lab Blank	ATL Applications
13B	Lab Blank	ATL Applications
14A	LCS	ATL Applications

CERTIFIED BY:



Laboratory Director

DATE: 11/01/10

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
Hydrogen Sulfide by Radiello 170
Environmental Health & Engineering, Inc.
Workorder# 1010488

Twelve Radiello 170 (H₂S) samples were received on October 22, 2010. The procedure involves adsorption of H₂S by zinc acetate to form zinc sulfide. The sulfide is then recovered by extraction with water and addition of ferric chloride in a strongly acidic solution to produce methylene blue. Methylene blue absorbance is then measured at 665 nm using a spectrophotometer. Results are reported in uG and uG/m³.

Sampling rate of 69 mL/min for H₂S 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 20175 minutes was used for the QC samples and trip blanks.

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 # 59 for RAD 170 (Hydrogen Sulfide)

Spectrophotometer

Field Sample I.D.	Lab Sample I.D.	Collection Date	Analysis Date	Dilution Factor	Reporting Limit (ug)	Reporting Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
118132	1010488-01A	10/21/2010	10/26/2010	1.00	0.80	0.55	ND	ND
118133	1010488-02A	10/21/2010	10/26/2010	1.00	0.80	0.55	ND	ND
118134	1010488-03A	10/21/2010	10/26/2010	1.00	0.80	0.55	ND	ND
118135	1010488-04A	10/21/2010	10/26/2010	1.00	0.80	0.55	ND	ND
118136	1010488-05A	10/21/2010	10/26/2010	1.00	0.80	0.55	ND	ND
118137	1010488-06A	10/7/2010	10/26/2010	1.00	0.80	0.54	ND	ND
118054	1010488-07A	10/21/2010	10/26/2010	1.00	0.80	0.54	ND	ND
118055	1010488-08A	10/21/2010	10/26/2010	1.00	0.80	0.54	ND	ND
118056	1010488-09A	10/21/2010	10/26/2010	1.00	0.80	0.54	ND	ND
118057	1010488-10A	10/21/2010	10/26/2010	1.00	0.80	0.54	ND	ND
118058	1010488-11A	10/7/2010	10/26/2010	1.00	0.80	0.54	ND	ND
118064	1010488-12A	10/21/2010	10/26/2010	1.00	0.80	0.54	ND	ND
118064 Lab Duplicate	1010488-12AA	10/21/2010	10/26/2010	1.00	0.80	0.54	ND	ND
Method Blank	1010488-13A	NA	10/26/2010	1.00	0.80	0.54	ND	ND
Method Blank	1010488-13B	NA	10/26/2010	1.00	0.80	0.54	ND	ND
LCS	1010488-14A	NA	10/26/2010	1.00	0.80	0.54	%Rec 84	

- COMMENTS:**
1. NA=Not Applicable
 2. ND=Not Detected
 3. Exposure time of 20175 minutes was assumed for the QC samples.
 4. Background subtraction not performed.

QC Results and Raw Data

Work Order: 1010294A/1010488

Date: 10/26/10

Method: Rad 170

Analyst: M. Skidmore

Wavelength: 665nm

Standard ID	Concentration	ABS
	Sulfide (µg/mL)	
Level 1 1993-86 -E	0.0716	0.091
Level 2 -D	0.143	0.184
Level 3 -C	0.286	0.354
Level 4 -B	0.572	0.679
Level 5 -A	1.145	1.242
ICV 1993-89	0.286	0.354

$r = \underline{0.9978}$
 $m = \underline{1.068}$
 $b = \underline{0.0365}$

ICV % Recovery = 104

Fraction	Dilution	ABS	Sample ID	Sample Volume	Comments
1010294A-01A	1.00	0.092	115911	10.5ml	
-02A		0.072	115912		
-03A		0.077	115913		
-04A		0.069	115914		
-05A		0.018	115915		
↓ -06A		0.025	115916		
1010488-01A		0.030	118132		
-02A		0.033	118133		
-03A		0.030	118134		
-04A		0.056	118135		
-05A		0.043	118136		
-06A		0.026	118137		
-07A		0.030	118054		
-08A		0.027	118055		
-09A		0.035	118056		
-10A		0.033	118057		
-11A		0.021	118058		
-12A		0.024	118064		
↓ -12AA		0.024	118064		
1010294A 1010488 -B1K1		0.016	N/A		Lot: 10101
↓ -B1K2		0.021			↓
↓ -LCS		0.156			Lot: 101048 0.133µg/mL

Procedure:

- 1.) Add 10 mL of H₂O to sample tube, cap and vortex for 1 minute.
- 2.) Add 0.5 mL of Ferric Chloride-Amine solution and cap immediately.
- 3.) Allow color to develop for 30 minutes.
- 4.) Measure absorbance at 665nm.

→ continued
Page
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MJS 10/26/10


Signed

10/26/10
Date

Spectrophotometer Standard Preparation Log

@Air Toxics Ltd. Log Book #: 1993

Standard ID: 1993-76
Project: Rad 170 Amine Solution
Analyst: M. Skidmore
Preparation Date: 10/18/10
Expiration Date: 11/18/10

Solvent: HPLC H₂O
Solvent Lot #: DB 270

Procedure/Comments:

Sulfuric Acid Solution:

Slowly add 6.25 mL of concentrated sulfuric acid to 2.5 mL of D.I. H₂O, and let the solution cool. (sulfuric acid lot: 01428LS).

Amine Solution:

Dissolve 1.6875g of N,N-dimethyl-p-phenylendiammonium oxalate (located in ER1A; Lot: 63797PJ) in the above mentioned sulfuric acid solution. Dilute this solution to 250 mL with sulfuric acid-water 1:1 v/v. (This is roughly 120 mL H₂O + 120 mL sulfuric acid).

MJS 10/18/10

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MJS 10/18/10

[Signature] 10/18/10
Signed Date

[Signature]
Reviewed

10/22/10
Date

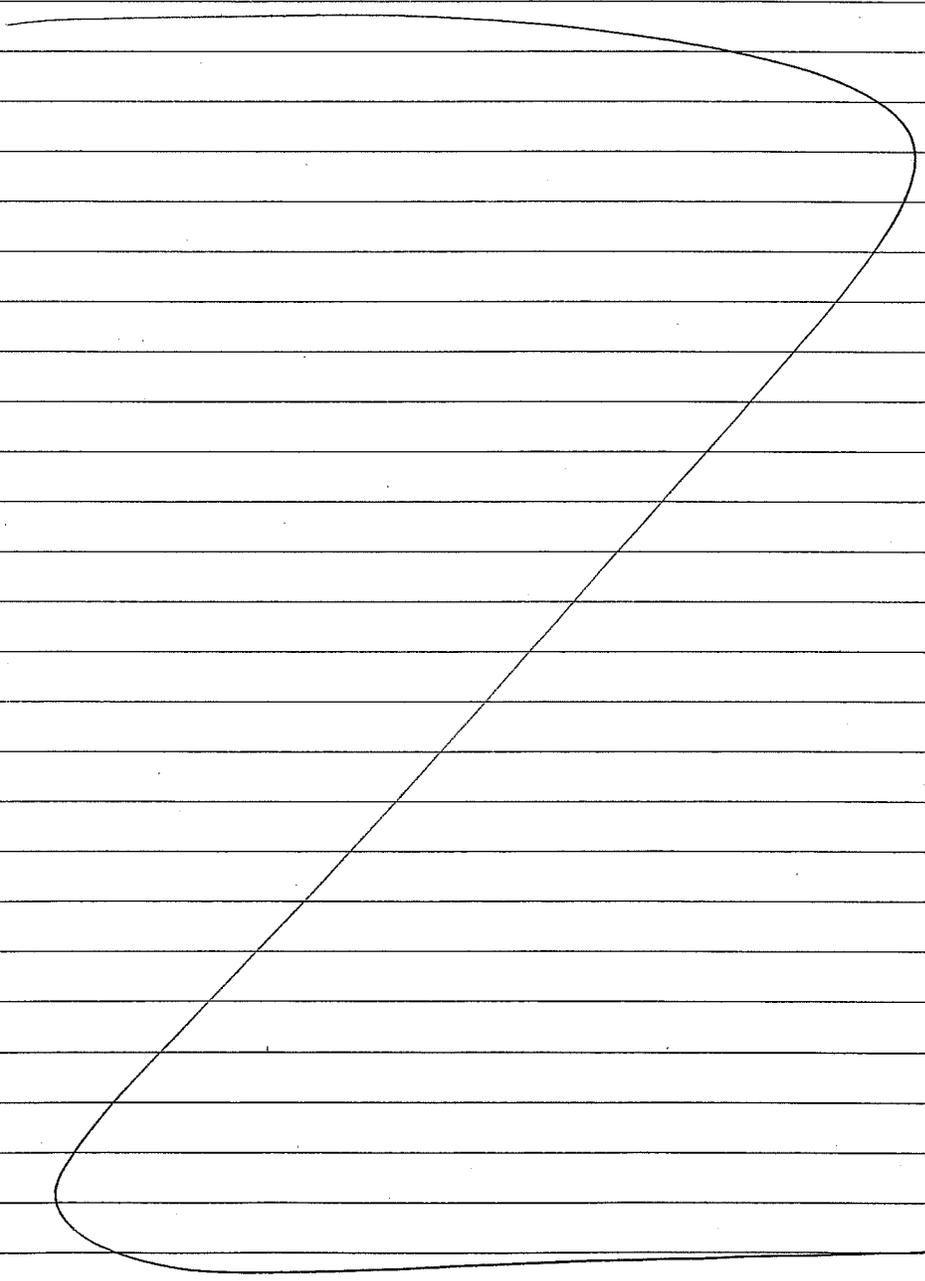
Spectrophotometer Standard Preparation Log

@Air Toxics Ltd. Log Book #: 1993

Standard ID: 1993-77
Project: Ferric Chloride Solution Rad 170
Analyst: M. Skidmore
Preparation Date: 10/18/10
Expiration Date: 10/18/11

Solvent: HPLC H₂O
Solvent Lot #: DB 270

Procedure/Comments: Dissolve 125 g of ferric chloride hexahydrate
(located in ERAC, lot: 73297) in 50 mL of H₂O,



MJS 10/18/10

Miles R. De 10/18/10
Signed Date

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Reviewed

10/22/10
Date Rev. 8/97

Spectrophotometer Standard Preparation Log

@Air Toxics Ltd. Log Book #: 1993

Standard ID: 1993-86
Project: Rad 170 Calibration Curve
Analyst: M. Skidmore
Preparation Date: 10/26/10
Expiration Date: 10/26/10

Solvent: HPLC H₂O
Solvent Lot #: DB270

Procedure/Comments:

Solution A: 2 mL of Code Rad 171 (1476-2077, exp 6/16/11) (located in ER1B) with 98 mL of D.I. H₂O = 1.145 µg/mL

Solution B: 2.5 mL of Solution A with 2.5 mL of D.I. H₂O = 0.572 µg/mL

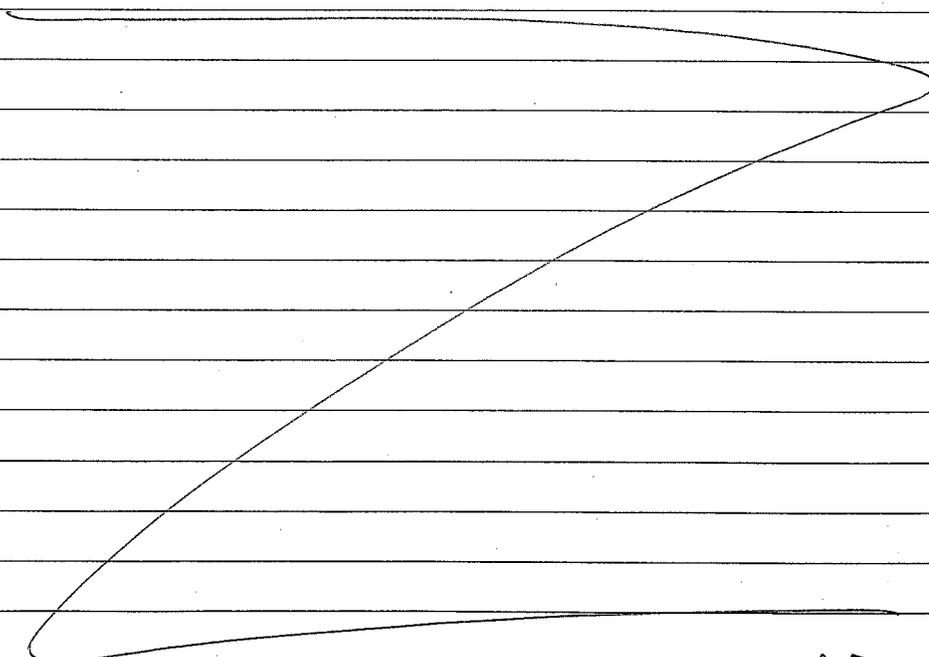
Solution C: 1.25 mL of Solution A with 3.75 mL of D.I. H₂O = 0.286 µg/mL

Solution D: 0.625 mL of Solution A with 4.375 mL of D.I. H₂O = 0.143 µg/mL

Solution E: 0.375 mL of Solution A with 5.625 mL of D.I. H₂O = 0.0716 µg/mL

Note: Each solution was measured immediately after it was prepared. Solution A is only stable in the flask it was prepared in.

MJS 10/26/10



MJS 10/26/10

Spectrophotometer Standard Preparation Log

@Air Toxics Ltd. Log Book #: 1993

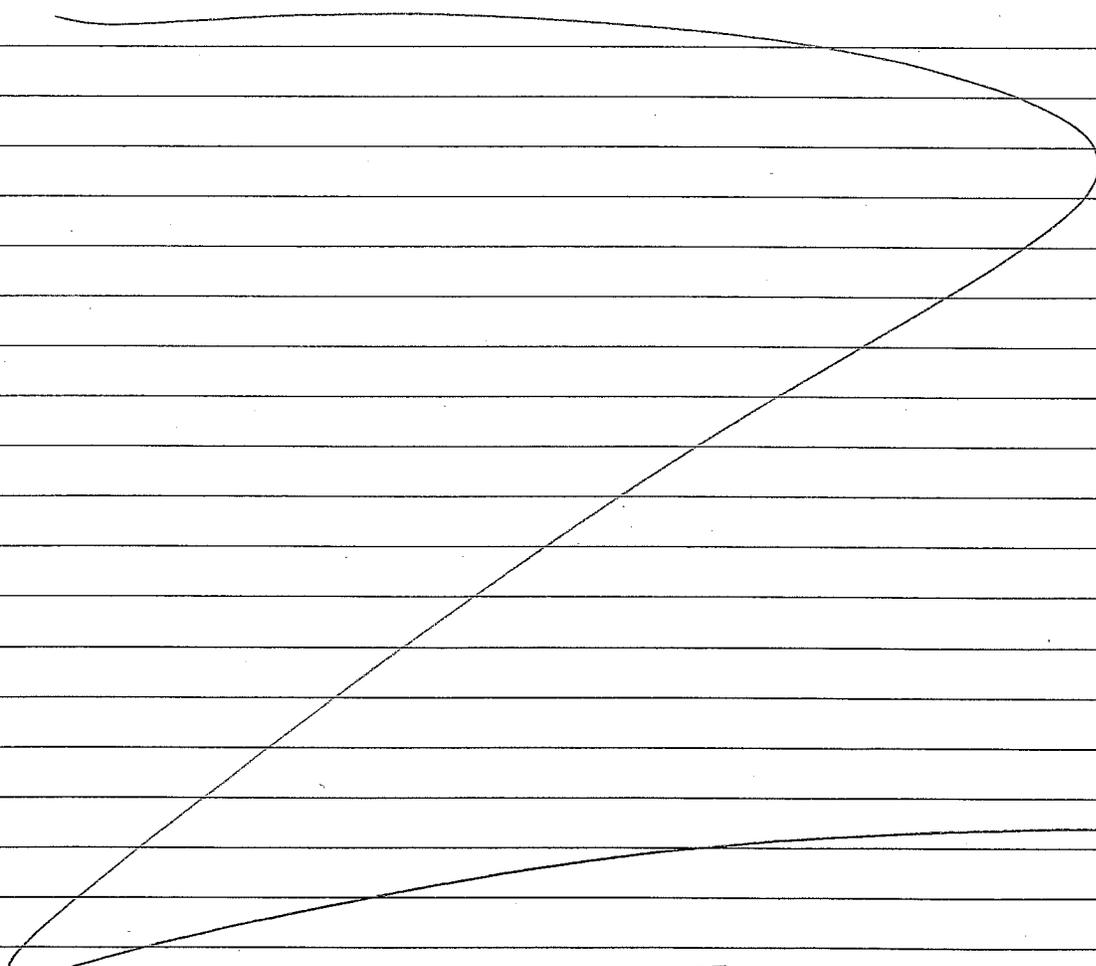
Standard ID: 1993-87
Project: Rad 170 H₂S LCS
Analyst: M. Skidmore
Preparation Date: 10/26/10
Expiration Date: 10/26/10

Solvent: HPLC H₂O
Solvent Lot #: DB270

Procedure/Comments:

A Rad 170 cartridge (lot: 10101^{MS 10/26/10}) was placed in a 40 mL VOA vial. 10.0 mL of D.I. H₂O was aliquoted into the vial. 1.0 mL of H₂S gas (1476-1497; 1000ppm^{10/26/10}) was injected into the vial, into the H₂O. The solution was allowed to gently shake for 2 hours. Then 0.5 of the ferric-chloride-amine (1993-88) was added to the vial and capped immediately. The solution was allowed to sit for 30 minutes and the absorbance was measured at 665 nm.

MTS 10/26/10



MTS 10/26/10

Page 87 Phil Skidmore 10/26/10 Signed Date Fauzin 10/26/10 Reviewed Date Rev. 8/97

Spectrophotometer Standard Preparation Log

@Air Toxics Ltd. Log Book #: 1993

Standard ID: 1993-88
Project: Ferric chloride Amine Solution Rad170
Analyst: M. Skidmore
Preparation Date: 10/26/10
Expiration Date: 10/26/10

Solvent: HPLC H₂O
Solvent Lot #: DB 270

Procedure/Comments: Add 5.0 mL of ferric chloride solution (1993-77, exp 10/18/11) with 25 mL of Amine solution (1993-76; exp. 11/18/10).

MJS
10/26/10

Page 88 M. Skidmore 10/26/10 Fauzi 10/26/10
Signed Date Reviewed Date Rev. 8/97

Spectrophotometer Standard Preparation Log

@Air Toxics Ltd. Log Book #: 1993

Standard ID: 1993-89

Solvent: HPLC H₂O

Project: Rad. 170 ICV

Solvent Lot #: DB 270

Analyst: Fm

Preparation Date: 10/26/10

Expiration Date: 10/26/10

Procedure/Comments: _____

Solution A: 2 mL of Code Rad 171 (1476-2077, exp 6/16/11) (located in ER1B) with 98 mL of D.I. H₂O = 1.145 µg/mL

Solution C: 1.25 mL of Solution A with 3.75 mL of D.I. H₂O = 0.286 µg/mL

Note: Each solution was measured immediately after it was prepared. Solution A is only stable in the flask it was prepared in.

Fm 10/26/10

Fm 10/26/10

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Signed

10/26/10
Date

MS SLL
Reviewed

10/27/10
Date

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. Brian Baker
FAX #: 781-247-4305
FROM: Sample Receiving
Workorder #: 1010488
of pages (Including Cover): 4

11/2/2010

Thank you for selecting Air Toxics Ltd. We have received your samples and have found 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.

In accordance with your company's contract, this account is required to have a PO that is fully executed by both parties which also covers the cost of the workorder before any data can be released. Please ensure that you have given all appropriate information to our Project Manager so that there will be no delay in reporting of the data you are requesting.

Your prompt response is appreciated.

CHAIN OF CUSTODY FORM

DATE: 10/21/10

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

1010488
~~1010487~~

TO: Air Toxic

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

MW
10/22/10

In all correspondence regarding this matter, please refer to EH&E Project # 17402

The cost of this analysis will be covered by EH&E Purchase Order # 17402

For EH & E Data Coordinator - URGENT DATA

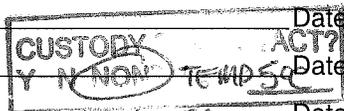
SAMPLE ID	SAMPLE TYPE	ANALYTICAL METHOD/NUMBER	OTHER (Time) Date/Vol.
01A 118132	Air	H2S Analysis 10/7/10 14:58 - 10/21/10 10:55	336 hours 57 minutes
02A 118133			
03A 118134			
04A 118135			
05A 118136			
06A 118137		10/7/10 14:58 - 10/7/10 14:58	Ø
07A 118054		10/7/10 14:10 - 10/21/10 14:25	336 Hours 15 minutes
08A 118055			
09A 118056			
10A 118057			
11A 118058		10/7/10 14:10 - 10/7/10 14:10	Ø
12A 118064		10/7/10 14:10 - 10/21/10 14:25	336 hours 15 minutes
/	/	/	/
/	/	/	/
/	/	/	/
/	/	/	/
/	/	/	/

Special instructions:

- Standard turn around time
- Fax results 781-247-4305
- RETURN SAMPLES
- Additional report recipient blaker@ehinc.com ; tminegishi@ehinc.com
- Rush by _____ date/time
- Other _____
- Electronic transfer - datacoordinator@ehinc.com

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

Relinquished by: Tan Tung of Environmental Health & Engineering, Inc. Date: 10/21/10
 Received by: Brian Whitaker of (company name) ATC Date: 10/22/10 910
 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 1010488

Client	Phone	Date Promised: 11/04/10 11:59 pm
Mr. Brian Baker	800-825-5343	Date Completed: 11/1/10
Environmental Health & Engineering, Inc.	Fax	Date Received: 10/22/10
117 Fourth Avenue	781-247-4305	PO#: 17402
Needham, MA 02494		Project#: 17402
Sales Rep: TL		Total \$: \$ 1,020.00
		Logged By: MW

<u>Fraction</u>	<u>Sample #</u>	<u>Analysis</u>	<u>Collected</u>	<u>Amount\$</u>
01A	118132	ATL Applications	10/21/2010	\$80.00
02A	118133	ATL Applications	10/21/2010	\$80.00
03A	118134	ATL Applications	10/21/2010	\$80.00
04A	118135	ATL Applications	10/21/2010	\$80.00
05A	118136	ATL Applications	10/21/2010	\$80.00
06A	118137	ATL Applications	10/7/2010	\$80.00
07A	118054	ATL Applications	10/21/2010	\$80.00
08A	118055	ATL Applications	10/21/2010	\$80.00
09A	118056	ATL Applications	10/21/2010	\$80.00
10A	118057	ATL Applications	10/21/2010	\$80.00
11A	118058	ATL Applications	10/7/2010	\$80.00
12A	118064	ATL Applications	10/21/2010	\$80.00
12AA	118064 Lab Duplicate	ATL Applications	10/21/2010	\$0.00
13A	Lab Blank	ATL Applications	NA	\$0.00
13B	Lab Blank	ATL Applications	NA	\$0.00
14A	LCS	ATL Applications	NA	\$0.00
Misc. Charges eCVP (12) @ \$5.00 each.				\$60.00

Note: Samples received after 3 P.M. PST are considered to be received on the following work day.
Atlas Project Name/Profile#: CPSC/14482

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

Analysis Code: Other GC

TERMS:

Reporting Method: ATL Application #59 H2S-Radiello 170

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

Other Records



Method : ATL Application #59 H2S-Radiello 170

CAS Number	Compound	Rpt. Limit (ug)
7783-06-4	Hydrogen Sulfide	1.2

DATA REVIEW CHECKLIST Work Order #: 1010488

- | | | | | | | |
|-------------------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Analysis/Reporting vs. Project Profile/SOP requirements checked (i.e. 100% Dups, J-Flag to MDL, etc) |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | The final report has the correct reporting list, special units, and header info. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Non-Standard sublist printed/verified, LOQ and LOD verified |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Lab Narrative is correct (proper method & description/Receiving & Analytical notes correct) |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Sample Discrepancy Report (SDR) is completed |

- | | | | | | | |
|-------------------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Corrective Action issued - # _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Unusual circumstances have been documented in the notes section below |

LUMEN validation report present and initialed **CIRCLE (YES / NO)**

- | | | | | | | |
|-------------------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Lab Blank, CCV, LCS and DUP met QC criteria |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Hold time is met for all samples |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Appropriate data qualifier flags are applied |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Manual integrations for samples and QC are properly documented |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Samples analyzed within the project or method specific clock |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Retention times have been verified |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Appropriate ICAL(s) included, %RSD Recalculation |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | At least one result per sample is verified against the target quant sheets/raw data |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Dilution factor correctly calculated (sample load volume, syringe and bag dilutions, can pressurization(s)) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Correct amount of sample analyzed (i.e. sample not over-diluted) |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Spectra verified - documentation of spectral defense included (Section 5A of eCVP pkg) |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | TICs resemble reference spectra |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | TICs between duplicate samples are consistent |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Checked samples for trends (i.e. Influent vs. Effluent, Field Dups, Field/Trip Blank, etc.) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Data for multiple analyses of sample(s) has been evaluated for comparability of results |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Special units for all samples in the final report are correctly calculated |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Manually entered results checked (i.e. TPH/NMOC) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Chain of Custody verified for any special comments (i.e. different compounds/RLs, action levels) |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Chain of Custody scanned correctly |
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Verify sample id's vs. chain of custody |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Date MDL(s) performed per instrument(s) <u>10/25/10</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Samples pressurized w/ appropriate gas (N ₂ or He) <input type="checkbox"/> Other (i.e. Tedlar bag, cartridge, sorbent) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Final pressure consistent with canister size (6L vs. 1L) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Verify receipt pressures |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Verify canister ID #'s |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Final invoice amount correct (adjusted for TAT, Penalties, Re-issue Charges etc.) |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Final PDF report reviewed for correctness |

Notes: (to include: noting samples with QA/QC problems, Blanks with positive hits, narratives, etc.)
 A/R: An exposure time of 20175 minutes was used for qc samples and trip blanks.

T/Q: _____

A ₁ /A ₂ (Analytical Review/Date)	W/T (Write-up/Tech Review/Date)	R* (Report Review/Date)	Q (QA Review/Date)
A ₁ : <u>Mike [Signature] 10/28/10</u>	W: <u>Mike [Signature] 10/28/10</u>	R:	

A₂: _____ T: _____

Note (1): Please check all the appropriate boxes. Indicate "NA" for any statement that does not apply.
 Note (2): Report reviewer and write-up reviewer must be separate individuals for DoD & Client Specific projects.
 * Report Review is completed for DoD & Client Specific projects only.