Ms. Jessica Vickers
Tetra Tech EM, Inc.
1955 Evergreen Blvd
Suite 300
Duluth, GA 30096

February 21, 2011

DOH ELAP# 11626 Account# 17302 Login# L233939

Dear Ms. Vickers:

Enclosed are the revised analytical results for the samples received by our laboratory on February 17, 2011. The report was revised in order to include Qualitative Dust analysis on sample 02-AA-021611. This sample was subcontracted to AMA. Its report is included. This version of the report replaces any previously issued versions. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

OSHA has issued a revised version of the OSHA ID-215 method for hexavalent chromium sampling. Method Number ID-215 (version 2), Control Number T-ID215-FV-02-0604-M. The significant modification related to sample collection in the method is that when using the 37 or 25 mm PVC filter with cellulose back-up pad for welding operations or chromium plating operations special handling requirements have been added.

A summary of the new special handling requirements follows:
1. Samples collected on PVC filters must be shipped overnight to the laboratory within 24 hours of sampling.
2. Samples collected on PVC filters from welding operations must be analyzed within 8 days of sampling.
3. Samples collected on PVC filters from chromium plating operations must be analyzed within 6 days of sampling or be stabilized at the laboratory upon receipt.

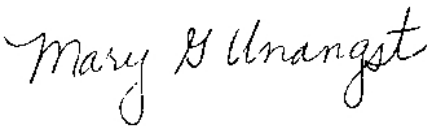
If special handling requirements are not met there is the possibility that the sample results may be biased low. Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Heidi Fruhlinger at (877) 386-0035, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories



Mary G. Unangst
Laboratory Director

Enclosure(s)

GALSON LABORATORIES

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : Tetra Tech EM, Inc.
Site : Agrium, Hartsville SC

Date Sampled : 15-FEB-11 - 16-FEB-11 Account No.: 17302
Date Received : 17-FEB-11 Login No. : L233939
Date Analyzed : 17-FEB-11
Report ID : 681395

Client ID : 11-AA-021511 **Lab ID : L233939-5** **Air Volume : 987.5 Liter**
Date Sampled : 02/15/11 **Date Analyzed : 02/17/11**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00030	MG/M3
Barium	0.15	<0.15	<0.00015	MG/M3
Cadmium	0.15	<0.15	<0.00015	MG/M3
Chromium	3.0	<3.0	<0.0030	MG/M3
Lead	0.38	<0.38	<0.00038	MG/M3
Selenium	2.3	<2.3	<0.0023	MG/M3
Silver	0.30	<0.30	<0.00030	MG/M3
Zinc	2.3	<2.3	<0.0023	MG/M3

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Collection Media : Filter

Submitted by: CJU/DEH
Approved by : DEH
Date : 17-FEB-11 NYS DOH # : 11626
QC by: Tom Burgess

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms
> -Greater Than ug -Micrograms l -Liters NS -Not Specified
NA -Not Applicable ND -Not Detected ppm -Parts per Million LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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LABORATORY ANALYSIS REPORT

Client : Tetra Tech EM, Inc.
Site : Agrium, Hartsville SC

Date Sampled : 15-FEB-11 - 16-FEB-11 Account No.: 17302
Date Received : 17-FEB-11 Login No. : L233939
Date Analyzed : 17-FEB-11
Report ID : 681395

Client ID : 12-AA-021511 **Lab ID : L233939-6** **Air Volume : 978.0 Liter**
Date Sampled : 02/15/11 **Date Analyzed : 02/17/11**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00031	MG/M3
Barium	0.15	<0.15	<0.00015	MG/M3
Cadmium	0.15	<0.15	<0.00015	MG/M3
Chromium	3.0	<3.0	<0.0031	MG/M3
Lead	0.38	<0.38	<0.00038	MG/M3
Selenium	2.3	<2.3	<0.0023	MG/M3
Silver	0.30	<0.30	<0.00031	MG/M3
Zinc	2.3	<2.3	<0.0023	MG/M3

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Collection Media : Filter

Submitted by: CJU/DEH
Approved by : DEH
Date : 17-FEB-11 NYS DOH # : 11626
QC by: Tom Burgess

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms
> -Greater Than ug -Micrograms l -Liters NS -Not Specified
NA -Not Applicable ND -Not Detected ppm -Parts per Million LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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LABORATORY ANALYSIS REPORT

Client : Tetra Tech EM, Inc.
Site : Agrium, Hartsville SC

Date Sampled : 15-FEB-11 - 16-FEB-11 Account No.: 17302
Date Received : 17-FEB-11 Login No. : L233939
Date Analyzed : 17-FEB-11
Report ID : 681395

Client ID : BK-02 Lab ID : L233939-7 Air Volume : NA
Date Sampled : 02/16/11 Date Analyzed : 02/17/11

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	NA	MG/M3
Barium	0.15	<0.15	NA	MG/M3
Cadmium	0.15	<0.15	NA	MG/M3
Chromium	3.0	<3.0	NA	MG/M3
Lead	0.38	<0.38	NA	MG/M3
Selenium	2.3	<2.3	NA	MG/M3
Silver	0.30	<0.30	NA	MG/M3
Zinc	2.3	<2.3	NA	MG/M3

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Collection Media : Filter

Submitted by: CJU/DEH
Approved by : DEH
Date : 17-FEB-11 NYS DOH # : 11626
QC by: Tom Burgess

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms
> -Greater Than ug -Micrograms l -Liters NS -Not Specified
NA -Not Applicable ND -Not Detected ppm -Parts per Million LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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LABORATORY ANALYSIS REPORT

Client : Tetra Tech EM, Inc.
Site : Agrium, Hartsville SC

Date Sampled : 16-FEB-11
Date Received : 17-FEB-11
Date Analyzed : 17-FEB-11
Report ID : 681375

Account No.: 17302
Login No. : L233939

Hexavalent Chromium

Sample ID	Lab ID	Air Vol liter	Total ug	Conc ug/m3
02-AA-021611	L233939-3	389.06	<0.029	<0.074
BK-03	L233939-4	NA	<0.029	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 0.030 ug
Analytical Method : mod. OSHA ID-215; IC
OSHA PEL (TWA) : 5 ug/m3
Collection Media : 37mm PVC

Submitted by: EEB
Approved by : tns
Date : 17-FEB-11 NYS DOH # : 11626
QC by: Tom Burgess

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified

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LABORATORY FOOTNOTE REPORT

Client Name : Tetra Tech EM, Inc.
Site : Agrium, Hartsville SC

Date Sampled : 15-FEB-11 - 16-FEB-11 Account No.: 17302
Date Received: 17-FEB-11 Login No. : L233939
Date Analyzed: 17-FEB-11

Unless otherwise noted below, all quality control results associated with the samples were within established control limits.

Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceeding the final result column may have been rounded in order to fit the report format and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).

L233939 (Report ID: 681395):
The Silver results are considered accurate to within 105% +/-6.3
based on a 95% confidence interval. The estimated uncertainty applies to the media, technology, and SOP(s) referenced in this report and does not account for any uncertainty associated with the sampling process.
The Arsenic results are considered accurate to within 101% +/-7.2
based on a 95% confidence interval. The estimated uncertainty applies to the media, technology, and SOP(s) referenced in this report and does not account for any uncertainty associated with the sampling process.
The Barium results are considered accurate to within 103% +/-7.7
based on a 95% confidence interval. The estimated uncertainty applies to the media, technology, and SOP(s) referenced in this report and does not account for any uncertainty associated with the sampling process.
The Cadmium results are considered accurate to within 101% +/-6.1
based on a 95% confidence interval. The estimated uncertainty applies to the media, technology, and SOP(s) referenced in this report and does not account for any uncertainty associated with the sampling process.
The Chromium results are considered accurate to within 104% +/-7.9
based on a 95% confidence interval. The estimated uncertainty applies to the media, technology, and SOP(s) referenced in this report and does not account for any uncertainty associated with the sampling process.
The Lead results are considered accurate to within 99% +/-6.6
based on a 95% confidence interval. The estimated uncertainty applies to the media, technology, and SOP(s) referenced in this report and does not account for any uncertainty associated with the sampling process.
The Selenium results are considered accurate to within 111% +/-7.9
based on a 95% confidence interval. The estimated uncertainty applies to the media, technology, and SOP(s) referenced in this report and does not account for any uncertainty associated with the sampling process.
The Zinc results are considered accurate to within 102% +/-5.8
based on a 95% confidence interval. The estimated uncertainty applies to the media, technology, and SOP(s) referenced in this report and does not account for any uncertainty associated with the sampling process.
Reported results reflect elemental analysis of the requested metals. Certain compounds may not be solubilized during digestion, resulting in data that is biased low.
SOPs: MT-SOP-9(10), im-icp(17), im-icpms(14), im-mwvfilt(13)
Due to different digestion requirements, silver should be collected on a separate filter. Results for silver may be biased low.
OSHA PEL: Chromium II and III = 0.5 mg/m3; Chromium metal (as Cr) = 1 mg/m3

Parameter	Method	PEL
Arsenic	mod. NIOSH 7300/OSHA 125G; ICP/ICPMS	0.010 mg/m3

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms
> -Greater Than ug -Micrograms l -Liters NS -Not Specified
NA -Not Applicable ND -Not Detected ppm -Parts per Million

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LABORATORY FOOTNOTE REPORT

Client Name : Tetra Tech EM, Inc.
Site : Agrium, Hartsville SC

Date Sampled : 15-FEB-11 - 16-FEB-11 Account No.: 17302
Date Received: 17-FEB-11 Login No. : L233939
Date Analyzed: 17-FEB-11

Unless otherwise noted below, all quality control results associated with the samples were within established control limits.

Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceeding the final result column may have been rounded in order to fit the report format and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).

L233939 (Report ID: 681395):

Parameter	Method	PEL
Barium	mod. NIOSH 7300/OSHA 125G; ICP/ICPMS	0.5 mg/m3 (soluble)
Cadmium	mod. NIOSH 7300/OSHA 125G; ICP/ICPMS	0.005 mg/m3
Chromium	mod. NIOSH 7300/OSHA 125G; ICP/ICPMS	Varies, see footnote
Lead	mod. NIOSH 7300/OSHA 125G; ICP/ICPMS	0.05 mg/m3
Selenium	mod. NIOSH 7300/OSHA 125G; ICP/ICPMS	NA
Silver	mod. NIOSH 7300/OSHA 125G; ICP/ICPMS	0.01 mg/m3
Zinc	mod. NIOSH 7300/OSHA 125G; ICP/ICPMS	Varies

L233939 (Report ID: 681375):
The Hexavalent Chromium results are considered accurate to within 95.9% +/-16.4 based on a 95% confidence interval. The estimated uncertainty applies to the media, technology, and SOP(s) referenced in this report and does not account for any uncertainty associated with the sampling process.
SOPs: IC-SOP-15(2)
Total ug corrected for a desorption efficiency of 104%.
Samples were prepared and analyzed within method-specified hold times.

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	

AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

Client:	Galson Laboratories	**Job Name:**	Re-Analysis by TEM Qual. Dust from COC 206545	**Chain of Custody:**	210121
Address:	6601 Kirkville Road	**Job Location:**	Not Provided	**Date Analyzed:**	2/21/2011
	East Syracuse, New York 13057-9672	**Job Number:**	L233939	**Person Submitting:**	John Bailey
		P.O. Number:	Not Provided		
Attention:	John Bailey				

Summary of Qualitative Asbestos Analysis by TEM of Settled Dust Samples

AMA Sample Number	Client Sample Number	Asbestos Present	Type(s) of Asbestos Detected	Comments
1136498	02-AA-021611 (1136192)	No	NAD	

The sample(s) were analyzed for the presence or absence of asbestos. If asbestos was detected the amount detected was not quantified.

Chry = Chrysotile; Amos = Amosite; Croc = Crocidolite; Trem = Tremolite; Actn = Actinolite; Anth = Anthophyllite

NAD = "No Asbestos Detected"

All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

TEM = Transmission Electron Microscopy

Technical Director Andreas Saldivar **Analyst(s)** Michael Creaghan

AMA Analytical Services, Inc.
Focused on Results www.amalab.com
AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires) 210121

Mailing/Billing Information:
1. Client Name: Galson
2. Address 1:
3. Address 2:
4. Address 3:
5. Phone #: Fax #:

Submittal Information:
1. Job Name: Re-Analysis by TEM Qualitative Dust
2. Job Location: from COC 206545
3. Job #: L233959 P.O. #:
4. Contact Person: John Bailey @ phone # 21680
5. Submitted by: Signature:

Reporting Info (Results provided as soon as technically feasible). If no TAT/Reporting Info is provided, AMA will assign defaults of 5-Day and email/fax to contacts on file.

AFTER HOURS (must be pre-scheduled)	NORMAL BUSINESS HOURS	REPORT TO:
☐ Immediate Date Due:	☒ Immediate ☐ 3 Day ☐ Results Required By Noon	☒ Include COC/Field Data Sheets with Report
☐ 24 Hours Time Due:	☐ Next Day ☐ 5 Day +	☒ Email: jbailey @ galsonlabs.com
Comments:	☐ 2 Day Date Due: 2/21/11	☐ Fax:
		☐ Verbals: skrause @ galsonlabs.com

Asbestos Analysis
*PCM Air – Please Indicate Filter Type:
- ☐ NIOSH 7400 ____ (QTY)
- ☐ Fiberglass ____ (QTY)

TEM Air* – Please Indicate Filter Type:
- ☐ AHERA ____ (QTY)
- ☐ NIOSH 7402 ____ (QTY)
- ☐ Other (specify ____) ____ (QTY)

PLM Bulk
- ☐ EPA 600 – Visual Estimate ____ (QTY)
- ☐ EPA Point Count ____ (QTY)
- ☐ NY State Friable 198.1 ____ (QTY)
- ☐ Grav. Reduction ELAP 198.6 ____ (QTY)
- ☐ Other (specify ____) ____ (QTY)

MISC
- ☐ Vermiculite
- ☐ Asbestos Soil PLM__(Qual) PLM__(Quan) PLM/TEM__(Qual) PLM/TEM__(Quan)

*It is recommended that blank samples be submitted with all air and surface samples

TEM Bulk
- ☐ ELAP 198.4/Chatfield ____ (QTY)
- ☐ NY State PLM/TEM ____ (QTY)
- ☐ Residual Ash ____ (QTY)

TEM Dust*
- ☒ Qual. (pres/abs) Vacuum/Dust 1 (QTY)
- ☐ Quan. (s/area) Vacuum D5755-95 ____ (QTY)
- ☐ Quan. (s/area)Dust D6480-99 ____ (QTY)

TEM Water
- ☐ Qual. (pres/abs) ____ (QTY)
- ☐ ELAP 198.2/EPA 100.2 ____ (QTY)
- ☐ EPA 100.1 ____ (QTY)

☒ All samples received in good condition unless otherwise noted. (TEM Water samples ____ °C)

If field data sheets are submitted, there is no need to complete bottom section.

Metals Analysis
- ☐ Pb Paint Chip ____ (QTY)
- ☐ *Pb Dust Wipe (wipe type ____) ____ (QTY)
- ☐ *Pb Air ____ (QTY)
- ☐ Pb Soil/Solid ____ (QTY)
- ☐ Pb TCLP ____ (QTY)
- ☐ Drinking Water ☐ Pb ____ (QTY) ☐ Cu ____ (QTY) ☐ As ____ (QTY)
- ☐ Waste Water ☐ Pb ____ (QTY) ☐ Cu ____ (QTY) ☐ As ____ (QTY)
- ☐ Pb Furnace (Media ____) ____ (QTY)

Fungal Analysis
Collection Apparatus for Spore Traps/Air Samples:
Collection Media
- ☐ *Spore-Trap ____ (QTY) ☐ Surface Vacuum Dust ____ (QTY)
- ☐ *Surface Swab ____ (QTY) ☐ Culturable ID Genus (Media ____) ____ (QTY)
- ☐ *Surface Tape ____ (QTY) ☐ Culturable ID Species (Media ____) ____ (QTY)
- ☐ Other (Specify ____) ____ (QTY)

CLIENT ID #	SAMPLE LOCATION/ ID	DATE/ TIME	VOL (L)/ Wipe Area	TEM	PCM	PLM	LEAD	MOLD	AIR	BULK	DUST	WATER AND OTHER	SPORE TRAP	TAPE	SWAB
02-AA-021611	(1136192)			X							X				

CLIENT CONTACT (LABORATORY STAFF ONLY)

Date/Time: 2/18 1650 Contact: Jodi By: [illegible]
sample voided b/c of condition of filter but we can process as pres/abs dust → DO LT

Date/Time: Contact: By:

Date/Time: Contact: By:

LABORATORY STAFF ONLY: (CUSTODY)
1. Date/Time RCVD: 2 / 18 / 11 @ 1700 Via: Phone By (Print): Jared Hudson Sign:
2. Date/Time Analyzed: 2 / 21 / 11 @ 1400 By (Print): [illegible] Sign:
3. Results Reported To: Via: Date: / / Time: Initials:
4. Comments:

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Tel: (315) 432-5227
888-432-LABS (5227)
Fax: (315) 437-0571
www.galsonlabs.com

☐ Check if change of address

New Client ? ☐ yes ☐ no

Report To : TETRA TECH
1955 EVERGREEN BLVD
DULUTH, GA 30096

Phone No. : 678 775-3704
Fax No. :

Invoice To :

Phone No. :
Fax No. :

Site Name : AGRIUM, HARTSVILLE SC Project :

Sampled By : D. FONG / E. TURNER

Need Results By:	(surcharge)
☐ 5 Business Days	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☒ Same day	200%

☒ Samples submitted using the FreePumpLoan™ Program.

Client Account No. : TTEMI

Purchase Order No. :

Credit Card No. : Card Holder Name : Exp. :

☐ Samples submitted using the FreeSamplingBadges™ Program.

Email / Fax Results To :

Email Address : Fax No. :

	Sample Identification	Date Sampled	Collection Medium	*Air Volume (Liters)	Passive Monitors (Min)	Analysis Requested	Method Reference	Specific DL Needed
1.	02-AA-021611	02/16/11	~~PVC~~ PCM Asbestos / ~~PVC~~ PCM Chrome	PCM-700L PVC-389.062L		TEM WEPA level 2 ASBESTOS + CHROME (VI)	PCM / 2 PCM PVC	
2.	~~11-AA-021611~~							
3.	~~12-AA-021611~~							
4.	~~13-AA-021611~~							
5.	~~14-AA-021611~~							
6.	11-AA-021511	02/15/11	3PC MCE MW	987.5 L		* RCRA METALS + ~~3PC~~ ZINC		
7.	12-AA-021511	02/15/11	MCE	978.0 L		* RCRA METALS + ZINC		
8.	BK-02	02/16/11	MCE	—		" " "		
9.	BK-03	02/16/11	3PC PVC MW	—		CHROME (VI)		
10.	BK-04	02/16/11	~~PVC~~ PCM	—		TEM w EPA level 2 (Asbestos)		
11.								

Page 10 of 10 Report Revised: 21-FEB-11 15:51

☒ Yes ☐ No **We normally add a laboratory blank for each analyte. We will charge you for this at our normal rate. If you agree please check "Yes" otherwise check "No".**

List description of industry or process / interference's present in sampling area: As, Ba, Cd, Cr, Pb, Se, Ag per client ~~fax~~ 2/17/11

Comments:

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by :	Christopher James		2/16/11 1700
Received by LAB :			2/17/11 1000

Samples received after 3pm will be considered as next day's business. * sample collection time X LPM = Air Vol. Page 1 of 1

LAB ORIGINAL