



RECEIVED

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8-7-06

Mr. Dave Heislein
MACTEC - Wakefield MA
107 Audubon Road
Suite 301
Wakefield, MA 01880

July 31, 2006

DOH ELAP# 11626

Account# 18001

Login# L136849

Dear Mr. Heislein:

Enclosed are the analytical results of the samples received by our laboratory July 24, 2006. 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.

Results in this report are based on the sampling data provided by the client and refer only to items tested. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Terri Sherrill at (877) 482-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

A handwritten signature in black ink that reads "F. Joseph Unangst". The signature is written in a cursive style with a large, looped "F" and "U".

F. Joseph Unangst
Laboratory Director

Enclosure(s)



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

Client : MACTEC - Wakefield MA
Site : Gorham
Project No. : 3650050041 T02
Date Sampled : 10-JUL-06
Date Received : 24-JUL-06
Date Analyzed : 27-JUL-06
Report ID : 509052
Account No.: 18001
Login No. : L136849

Silver

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol</u> <u>liter</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>mg/m3</u>
BLANK OPEN	L136849-20	NA	<0.45	NA
BLANK CLOSED	L136849-21	NA	<0.45	NA
EAST	L136849-22	680	<0.45	<0.0007
WEST	L136849-23	680	<0.45	<0.0007
SOUTH	L136849-24	738	<0.45	<0.0006

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

Level of quantitation: 0.45 ug	Submitted by: cd/pf
Analytical Method : mod. NIOSH 7300; ICPMS	Approved by : LS
OSHA PEL (TWA) : 0.01 mg/m3	Date : 31-JUL-06 NYS DOH # : 11626
Collection Media : Filter	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	



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Client : MACTEC - Wakefield MA
 Site : Gorham
 Project No. : 3650050041 T02
 Date Sampled : 10-JUL-06
 Date Received : 24-JUL-06
 Date Analyzed : 27-JUL-06
 Report ID : 509054

Account No.: 18001
 Login No. : L136849

Arsenic

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol</u> <u>liter</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>mg/m3</u>
BLANK OPEN	L136849-20	NA	<0.30	NA
BLANK CLOSED	L136849-21	NA	<0.30	NA
EAST	L136849-22	680	<0.30	<0.0004
WEST	L136849-23	680	<0.30	<0.0004
SOUTH	L136849-24	738	<0.30	<0.0004

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

Level of quantitation: 0.3 ug	Submitted by: cd/pf
Analytical Method : mod. NIOSH 7300; ICPMS	Approved by : LS
OSHA PEL (TWA) : 0.010 mg/m3	Date : 31-JUL-06 NYS DOH # : 11626
Collection Media : Filter	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	



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Client : MACTEC - Wakefield MA
Site : Gorham
Project No. : 3650050041 T02
Date Sampled : 10-JUL-06
Date Received : 24-JUL-06
Date Analyzed : 27-JUL-06
Report ID : 509055
Account No.: 18001
Login No. : L136849

Barium

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol</u> <u>liter</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>mg/m3</u>
BLANK OPEN	L136849-20	NA	<0.15	NA
BLANK CLOSED	L136849-21	NA	<0.15	NA
EAST	L136849-22	680	<0.15	<0.0002
WEST	L136849-23	680	<0.15	<0.0002
SOUTH	L136849-24	738	0.197	0.00027

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

Level of quantitation: 0.15 ug	Submitted by: cd/pf
Analytical Method : mod. NIOSH 7300; ICPMS	Approved by : LS
OSHA PEL (TWA) : 0.5 mg/m3 (soluble)	Date : 31-JUL-06 NYS DOH # : 11626
Collection Media : Filter	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	



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Client : MACTEC - Wakefield MA
Site : Gorham
Project No. : 3650050041 T02
Date Sampled : 10-JUL-06
Date Received : 24-JUL-06
Date Analyzed : 27-JUL-06
Report ID : 509051

Account No.: 18001
Login No. : L136849

Cadmium

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol</u> <u>liter</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>mg/m3</u>
BLANK OPEN	L136849-20	NA	<0.15	NA
BLANK CLOSED	L136849-21	NA	<0.15	NA
EAST	L136849-22	680	<0.15	<0.0002
WEST	L136849-23	680	<0.15	<0.0002
SOUTH	L136849-24	738	<0.15	<0.0002

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

Level of quantitation: 0.15 ug	Submitted by: cd/pf
Analytical Method : mod. NIOSH 7300; ICPMS	Approved by : LS
OSHA PEL (TWA) : 0.005 mg/m3	Date : 31-JUL-06 NYS DOH # : 11626
Collection Media : Filter	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	



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Client : MACTEC - Wakefield MA
 Site : Gorham
 Project No. : 3650050041 T02
 Date Sampled : 10-JUL-06
 Date Received : 24-JUL-06
 Date Analyzed : 27-JUL-06
 Report ID : 509056
 Account No.: 18001
 Login No. : L136849

Chromium

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol liter</u>	<u>Total ug</u>	<u>Conc mg/m3</u>
BLANK OPEN	L136849-20	NA	<1.5	NA
BLANK CLOSED	L136849-21	NA	<1.5	NA
EAST	L136849-22	680	<1.5	<0.002
WEST	L136849-23	680	<1.5	<0.002
SOUTH	L136849-24	738	<1.5	<0.002

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

Level of quantitation: 1.5 ug	Submitted by: cd/pf
Analytical Method : mod. NIOSH 7300; ICPMS	Approved by : LS
OSHA PEL (TWA) : Varies, see above	Date : 31-JUL-06 NYS DOH # : 11626
Collection Media : Filter	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	



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Client : MACTEC - Wakefield MA
 Site : Gorham
 Project No. : 3650050041 T02
 Date Sampled : 27-JUN-06 - 14-JUL-06
 Date Received : 24-JUL-06
 Date Analyzed : 27-JUL-06
 Report ID : 509062
 Account No.: 18001
 Login No. : L136849

Lead

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol</u> <u>liter</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>mg/m3</u>
DARON	L136849-1	284	<0.38	<0.001
JASON	L136849-2	710	0.453	0.00064
DAN	L136849-3	710	1.48	0.0021
DARON 6/30	L136849-4	460	<0.38	<0.0008
JASON 6/30	L136849-5	460	<0.38	<0.0008
AL 6/30	L136849-6	460	<0.38	<0.0008
DARON 07/07	L136849-7	900	<0.38	<0.0004
AL 07/07	L136849-8	600	<0.38	<0.0006
RANDY 07/07	L136849-9	812	<0.38	<0.0005
ROB 7/10/06	L136849-10	868	<0.38	<0.0004
RANDY 7/10/06	L136849-11	876	0.563	0.00064
DARON 7/10/06	L136849-12	844	<0.38	<0.0005
RANDY 7/11/06	L136849-13	880	<0.38	<0.0004
DARON 7/11/06	L136849-14	882	<0.38	<0.0004
PETE 7/11/06	L136849-15	886	0.670	0.00076
RANDY 7/14/06	L136849-16	630	<0.38	<0.0006
PETE 7/14/06	L136849-17	624	<0.38	<0.0006
DARON 7/14/06	L136849-18	624	<0.38	<0.0006
LAB BLANK	L136849-19	NA	<0.38	NA

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

Level of quantitation: 0.38 ug	Submitted by: cd/pf
Analytical Method : mod. NIOSH 7300; ICPMS	Approved by : LS
OSHA PEL (TWA) : 0.05 mg/m3	Date : 31-JUL-06 NYS DOH # : 11626
Collection Media : Filter	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	



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Client : MACTEC - Wakefield MA
Site : Gorham
Project No. : 3650050041 T02
Date Sampled : 10-JUL-06
Date Received : 24-JUL-06
Date Analyzed : 27-JUL-06
Report ID : 509057
Account No.: 18001
Login No. : L136849

Selenium

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol liter</u>	<u>Total ug</u>	<u>Conc mg/m3</u>
BLANK OPEN	L136849-20	NA	<0.30	NA
BLANK CLOSED	L136849-21	NA	<0.30	NA
EAST	L136849-22	680	<0.30	<0.0004
WEST	L136849-23	680	<0.30	<0.0004
SOUTH	L136849-24	738	<0.30	<0.0004

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

Level of quantitation: 0.3 ug	Submitted by: cd/pf
Analytical Method : mod. NIOSH 7300; ICPMS	Approved by : LS
OSHA PEL (TWA) : NA	Date : 31-JUL-06 NYS DOH # : 11626
Collection Media : Filter	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	



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Client Name : MACTEC - Wakefield MA
 Site : Gorham
 Project No. : 3650050041 T02

Date Sampled : 27-JUN-06-14-JUL-06
 Date Received: 24-JUL-06
 Date Analyzed: 27-JUL-06

Account No.: 18001
 Login No. : L136849

Unless otherwise noted below, all quality control results associated with the samples were within established control limits and/or do not adversely affect the sample results.

- L136849 (Report ID: 509051) : SOPs: im-icpms(1), im-mwvfilt(2)
- L136849 (Report ID: 509052) : SOPs: im-icpms(1), im-mwvfilt(2)
- L136849 (Report ID: 509054) : SOPs: im-icpms(1), im-mwvfilt(2)
- L136849 (Report ID: 509055) : SOPs: im-icpms(1), im-mwvfilt(2)
- L136849 (Report ID: 509056) : SOPs: im-icpms(1), im-mwvfilt(2)
 OSHA PEL: Chromium II and III = 0.5 mg/m3; Chromium metal (as Cr) = 1 mg/m3
- L136849 (Report ID: 509057) : SOPs: im-icpms(1), im-mwvfilt(2)
- L136849 (Report ID: 509062) : SOPs: im-icpms(1), im-mwvfilt(2)
- *L136849-1 (Report ID: 509062) : Sample was collected on the backup pad. Backup pad was digested and analyzed per client request. Results may be biased high due to possible background.
- *L136849-2 (Report ID: 509062) : Sample was collected on the backup pad. Backup pad was digested and analyzed per client request. Results may be biased high due to possible background.
- *L136849-3 (Report ID: 509062) : Sample was collected on the backup pad. Backup pad was digested and analyzed per client request. Results may be biased high due to possible background.
- *L136849-15 (Report ID: 509062) : Sample was collected on the backup pad. Backup pad was digested and analyzed per client request. Results may be biased high due to possible background.

< -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	



Report To: Dave Heislein
MACTEC, INC.
107 Audubon Road
Wakefield, MA 01880
 Phone No.: 781-243-6606
 Fax No.: 781-246-5060

Invoice To: _____
 Project: 3650050041
T82
 Sampled By: D. KURKJIAN

Samples submitted using the FreePumpLoan™ Program
 Samples submitted using the FreeSamplingBadges™ Program.

Client Account No.: _____
 Purchase Order No.: _____
 Credit Card No.: _____
 Card Holder Name: _____
 Exp.: _____

Email / Fax Results To: _____
 Email Address: _____
 Fax No.: _____

Need Results By:	(surcharge)
<input checked="" type="checkbox"/> 5 Business Days	0%
<input type="checkbox"/> 4 Business Days	35%
<input type="checkbox"/> 3 Business Days	50%
<input type="checkbox"/> 2 Business Days	75%
<input type="checkbox"/> Next Day by 6pm	100%
<input type="checkbox"/> Next Day by Noon	150%
<input type="checkbox"/> Same Day	200%

Sample Identification	Date Sampled	Collection Medium	*Air Volume (Liters)	Passive Monitors (Min)	Analysis Requested	Method Reference	Specific DL Needed
Daron	6/27/06	3 PG 12WD MCE	284		Lead	N7300	
Jason	↓		710				
Dan	6/30/06		710				
Daron	↓		460				
Jason	↓		460				
A1	↓		900				
Daron	7/7/06		600				
AL	↓		812				
Randy	↓		NA				
Blank-open	7/10/06		NA		RCRA 8 (Except Lead)	AS, Bay, Cd, Cr, Pb, Se, Ag, St	
Closed	7/10/06		NA		RCRA 9 (Except Lead)		

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:
 Comments: 6/27/06 sample loaded backwards (inlet/outlet reversed) - analyze if possible

Chain of Custody: _____
 Relinquished by: Daron Kurkjian
 Received by LAB: M. Krause
 Signature: M. Krause
 Date/Time: 7/19/06
7/24/06 @ 11:35

Login #: L136849
 * sample collection time X LPM = Air Vol. Page 1 of 2



6601 Kirkville Rd
 East Syracuse, NY 13057
 Tel: (315) 432-5227
 888-432-LABS (6227)
 Fax: (315) 437-0571
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Report To: Dave Heislein
107 Audubon Rd
Wakefield, MA 01880
MACTEC, INC.
 Phone No.: 781-245-6606
 Fax No.: 781-245-5060
 Site Name: Gorham Project: 3650050041
TOP
 Sampled By: D. Kurkjian

Check if change of address
 New Client? yes no
 Samples submitted using the FreePumpLoan™ Program
 Samples submitted using the FreeSamplingBadges™ Program.
 Client Account No.: _____
 Purchase Order No.: _____
 Credit Card No.: _____
 Card Holder Name: _____ Exp.: _____
 Email / Fax Results To: _____
 Email Address: _____
 Invoice To: _____
 Phone No.: _____
 Fax No.: _____
 Fax No.: _____

Need Results By:	(surcharge)	Sample Identification	Date Sampled	Collection Medium	*Air Volume (Liters)	Passive Monitors (Min)	Analysis Requested	Method Reference	Specific DL Needed
<input checked="" type="checkbox"/> 5 Business Days	0%	Rob	7/10/06	3pc PW	868		Lead		
<input type="checkbox"/> 4 Business Days	35%	Randy		MCE	876		↓		
<input type="checkbox"/> 3 Business Days	50%	Daron			844		RPA & Except Lead		
<input type="checkbox"/> 2 Business Days	75%	East			680		↓		
<input type="checkbox"/> Next Day by 6pm	100%	West			680				
<input type="checkbox"/> Next Day by Noon	150%	South			738				
<input type="checkbox"/> Same Day	200%	Randy	7/11/06		880		Lead		
		Daron			882				
		Pete			886				
		Randy	7/14/06		630				
		Pete			624				
		Daron			624				

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: _____
 Comments: _____
 Chain of Custody: _____
 Relinquished by: _____
 Received by LAB: M. Krause
 Signature: M. Krause
 Date/Time: 7/24/06 @ 11:35
 Login #: L136849
 * sample collection time X LPM = Air Vol. Page 2 of 2
 Samples received after 3pm will be considered as next day's business