

★ Stellar Environmental Solutions, Inc.

2198 Sixth Street, Berkeley, CA 94710
Tel: (510) 644-3123 • Fax: (510) 644-3859
Geoscience & Engineering Consulting

May 20, 2003

Mr. Barney Chan
Alameda County Health Care Services Agency
Environmental Health Services – Environmental Protection
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Subject: Case Closure Request
A.A. Johnson & Son Inc. Facility
1164 66th Street, Oakland, California
Fuel Leak Case RO0000325

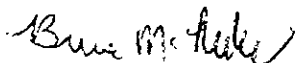
Dear Mr. Chan:

In accordance with your verbal request yesterday, Stellar Environmental Solutions, Inc. (SES) is transmitting to your agency the attached revised analytical laboratory report for the “grab” groundwater samples collected by SES at the site in February 2003. That work was conducted in accordance with an SES workplan (February 13, 2003) that was approved by ACDEH. The initial findings were summarized in the SES March 6, 2003 report.

In accordance with ACDEH requirements, the samples were initially analyzed only for MTBE. You subsequently requested yesterday any additional analytical results (such as BTEX) that might be available based on the original sample analyses. Those BTEX results are attached. The only compounds detected were toluene (maximum of 2 parts per billion) and xylenes (maximum of 1.9 parts per billion). These concentrations are well below the RWQCB Risk-Based Screening Levels that would warrant further investigation. In addition, both contaminants were detected in both the upgradient and downgradient boreholes, indicating that the contamination is offsite-sourced.

We trust that this submittal meets your needs, and look forward to your agency granting case closure, as previously requested.

Sincerely,



Bruce M. Rucker, R.G., R.E.A.
Senior Geologist and Project Manager

cc. John Twomey – A.A. Johnson & Son, Inc.



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900, Fax (510) 486-0532

ANALYTICAL REPORT

Prepared for:

Stellar Environmental Solutions
2198 6th Street
Suite 201
Berkeley, CA 94710

Date: 20-MAY-03

Lab Job Number: 163759

Project ID: 2003-09

Location: A.A.Johnsen & Son

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: *Treas Babin*
Project Manager

Reviewed by: *Anna F. Smith*
Operations Manager

This package may be reproduced only in its entirety.

Chain of Custody Record

162701

Lab job no _____
 Date _____
 Page 1 of 2

Laboratory Lucis & Tompkins, Ltd.
 Address 2323 Fifth Street
Berkeley CA 94710
510/426-0900
 Project Owner A.A. Johnson & Son, Inc.
 Site Address 1164 66th Street
Oakland CA
 Project Name A.A. Johnson & Son
 Project Number 2003-09

Method of Shipment ground delivery
 Shipment No. _____
 Airbill No. _____
 Cooler No. _____
 Project Manager BRUCE RUCKER
 Telephone No. (510) 644-3123
 Fax No. (510) 644-3859
 Samplers: (Signature) [Signature]

Filtered	No. of Containers	Analysis Required										Remarks			
		MTBE (only) by EPA Method 8160B													

Field Sample Number	Location/Depth	Date	Time	Sample Type	Type/Size of Container	Preservation								
						Cooler	Chemical							
BH-01-GW	8'	3/20/03	1430	H ₂ O	40 ml VOA vial	✓	HCl	2	X					
BH-02-GW	16'	↓	1445	↓	↓	✓	↓	2	X					

Received On Ice
 Cold Ambient Intact

Preservation Correct?
 Yes No N/A

Relinquished by: Signature: <u>[Signature]</u> Printed: <u>JOSEPH DIWAN</u> Company: <u>Stellar Env Solutions</u>	Date: _____ Time: _____	Received by: Signature: <u>[Signature]</u> Printed: <u>SA - ALVARO</u> Company: <u>C&T</u>	Date: <u>2/20/03</u> Time: <u>3:10 pm</u>	Relinquished by: Signature: _____ Printed: _____ Company: _____	Date: _____ Time: _____	Received by: Signature: _____ Printed: _____ Company: _____	Date: _____ Time: _____		
Turnaround Time: <u>5 day</u> Comments: _____				Relinquished by: Signature: _____ Printed: _____ Company: _____				Received by: Signature: _____ Printed: _____ Company: _____	

2003-0-00

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Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	163759	Location:	A.A. Johnsen & Son
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2003-09	Analysis:	EPA 8260B
Field ID:	BH-01-GW	Batch#:	79378
Lab ID:	163759-001	Sampled:	02/20/03
Matrix:	Water	Received:	02/20/03
Units:	ug/L	Analyzed:	02/22/03
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	2.0	0.5
Chlorobenzene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	1.0	0.5
o-Xylene	0.9	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	104	77-130
Toluene-d8	100	80-120
Bromofluorobenzene	112	80-120

ND= Not Detected

RL- Reporting Limit

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Purgeable Aromatics by GC/MS

Lab #:	163759	Location:	A.A. Johnsen & Son
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2003-09	Analysis:	EPA 8260B
Field ID:	BH-02-GW	Batch#:	79378
Lab ID:	163759-002	Sampled:	02/20/03
Matrix:	Water	Received:	02/20/03
Units:	ug/L	Analyzed:	02/22/03
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	0.6	0.5
Chlorobenzene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	0.7	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	104	77-130
Toluene-d8	101	80-120
Bromofluorobenzene	113	80-120



Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	163759	Location:	A.A.Johnsen & Son
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2003-09	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC205417	Batch#:	79378
Matrix:	Water	Analyzed:	02/21/03
Units:	ug/L		

Analyte	Result	RL
MIBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Chlorobenzene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	REC	Limits
1,2-Dichloroethane-d4	103	77-130
Toluene-d8	100	80-120
Bromofluorobenzene	107	80-120

ND= Not Detected
 RL= Reporting Limit
 Page 1 of 1



Purgeable Aromatics by GC/MS

Lab #:	163759	Location:	A.A.Johnsen & Son
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2003-09	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	79378
Units:	ug/L	Analyzed:	02/21/03
Diln Fac:	1.000		

Type: BS Lab ID: QC205414

Analyte	Spiked	Result	%REC	Limits
Benzene	50.00	49.65	99	76-120
Toluene	50.00	50.48	101	79-120
Chlorobenzene	50.00	49.17	98	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	77-130
Toluene-d8	100	80-120
Bromofluorobenzene	103	80-120

Type: BSD Lab ID: QC205415

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Benzene	50.00	48.63	97	76-120	2	20
Toluene	50.00	50.72	101	79-120	0	20
Chlorobenzene	50.00	48.25	96	80-120	2	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	77-130
Toluene-d8	99	80-120
Bromofluorobenzene	104	80-120

RPD= Relative Percent Difference

STELLAR ENVIRONMENTAL SOLUTIONS

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Berkeley, CA 94710
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fax

To: Mr. Barney Chan – Alameda County Health Care Services Agency – Environmental Health Services – Environmental Protection

9335

Fax #: 510-337-9355

From: Bruce Rucker – Stellar Environmental Solutions

Date: June 9, 2003

Subject: Request for Case Closure – Fuel Leak Case no. RO0000325

Pages 8 (including this cover sheet)

NOTES: Mr. Chan-

Here are the additional analytical results with a letter of explanation.