

August 17, 2007
(ECI 01-2300-3057)

Mr. Mark Drews
Wisconsin Department of Natural Resources
141 Northwest Barstow Street, Room 180
Waukesha, Wisconsin 53188

RE: Soil Vapor Sampling Results Addendum, Express Cleaners, 3941 North Main Street, Racine, Wisconsin; WDNR BRRTS #02-52-547631

DEPARTMENT OF
NATURAL RESOURCES
WAUKESHA SERVICE CENTER
2007 AUG 20 PM 3:02

Dear Mr. Drews:

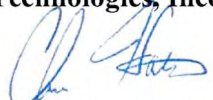
On July 19 and 20, 2007, Northern Environmental Technologies, Incorporated (Northern Environmental) collected soil, soil vapor, and vegetable tissue samples at the S.C. Johnson & Sons, Incorporated (S.C. Johnson) property located at 3936 North Bay Drive, Racine, Wisconsin (the S.C. Johnson Property). On August 1, 2007, a report was submitted to the Wisconsin Department of Natural Resources (WDNR), summarizing the sampling results.

Based on the analytical results for those samples taken in the field on July 20, 2007, tetrachloroethene (PCE) was detected in vapor samples collected from VP1, VP2, and VP3 at concentrations of 6300, 14, and 8.2 micrograms per liter ($\mu\text{g/l}$), respectively. In addition, a vapor blank sample collected from a zero-gas bottle via the same vacuum pump used to collect the soil gas samples contained 8.1 $\mu\text{g/l}$ PCE. This zero-gas test result is believed to have been caused by contamination of the vacuum pump used to collect samples VP1 through VP3. To confirm this suspicion one additional vapor blank sample was collected on August 1, 2007 from the same zero-gas bottle previously used for the field vapor blank sample. To confirm our suspicions, the second zero-gas sample was collected directly from the gas cylinder without the use of any vacuum pump.

The new vapor blank sample laboratory report is attached. Based on the results, it appears that the vacuum pump was the source of cross-contamination in the blank sample. Consequently we conclude, the PCE concentrations detected in VP2 and VP3 were also cross-contaminated resulting in the reported soil values being biased high. We conclude the actual soil gas values present in the garden were less than those originally reported. Soil vapor monitoring results are summarized in Table 2.

We appreciate your consideration of this request. Please contact us if you have any questions or comments.

Sincerely,
**Northern Environmental
Technologies, Incorporated**


Christopher C. Hatfield, PG
Registered Geologist

CCH/ams
Enclosures

c: Mr. Skip Glor, DeWitt, Ross & Stevens, S.C.

Table 2

**Soil Vapor Monitoring Analytical Results
Community Gardens, Racine, Wisconsin**

Sample ID	Date Collected	Detected VOC (µg/l)
		Tetrachloroethene
Reporting Detected Limit		0.5
VP1	07/20/07	6300
VP2	07/20/07	14
VP3	07/20/07	8.2
Blank (through vacuum pump)	07/20/07	8.1
Blank (no pump)	08/01/07	<0.5

Notes:

VOC

µg/l

= volatile organic compounds

= micrograms per liter



August 8, 2007

Chris Hatfield
Northern Environmental
12075 North Corporate Parkway Ste 210
Mequon, WI 53092

re: SC Johnson - Project Number ECI-01-2300-3057 - Racine, Wisconsin

Dear Mr. Hatfield,

Enclosed you will find the analytical results for the sample collected August 1, 2007.
Please feel free to call if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Robert Osmundson".

Robert Osmundson
QA Manager

Enclosures
jce

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road • Madison, WI 53718 • Phone (608) 221-8700 • FAX (608) 221-4889

8260 VOCs Summary of Test Results

Project Name:	SC Johnson	Date Analyzed:	08/03/07
Project Location:	Racine, Wisconsin	Concentration:	ug/L
Sample ID:	Blank	Dilution Factor:	1
Date Collected:	08/01/07	Lab Sample Number:	42762
Sample Type:	Air		

<u>Compound</u>	<u>Reporting Detection Limit</u>	<u>Quantitation Limit</u>	<u>Sample Result</u>	
Dichlorodifluoromethane	0.50	1.7	<	0.50
Chloromethane	1.0	3.3	<	1.0
Vinyl Chloride	0.50	1.7	<	0.50
Bromomethane	5.0	17	<	5.0
Chloroethane	5.0	17	<	5.0
Trichlorofluoromethane	0.50	1.7	<	0.50
1,1-Dichloroethene	0.50	1.7	<	0.50
Methylene Chloride	2.0	6.7	<	2.0
t-1,2-Dichloroethene	0.50	1.7	<	0.50
1,1-Dichloroethane	0.50	1.7	<	0.50
c-1,2-Dichloroethene	0.50	1.7	<	0.50
Bromochloromethane	0.50	1.7	<	0.50
Chloroform	0.50	1.7	<	0.50
1,1,1-Trichloroethane	0.50	1.7	<	0.50
Carbon Tetrachloride	0.50	1.7	<	0.50
1,1-Dichloropropene	0.50	1.7	<	0.50
Benzene	0.50	1.7	<	0.50
1,2-Dichloroethane	0.50	1.7	<	0.50
Trichloroethene	0.50	1.7	<	0.50
1,2-Dichloropropane	0.50	1.7	<	0.50
Dibromomethane	0.50	1.7	<	0.50
Bromodichloromethane	0.50	1.7	<	0.50
c-1,3-Dichloropropene	0.50	1.7	<	0.50
Toluene	0.50	1.7	<	0.50
1,1,2-Trichloroethane	0.50	1.7	<	0.50
t-1,3-Dichloropropene	0.50	1.7	<	0.50
Tetrachloroethene	0.50	1.7	<	0.50
1,3-Dichloropropane	0.50	1.7	<	0.50
Dibromochloromethane	0.50	1.7	<	0.50

M

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: *M. Jinschek*
Date: *8/19/07*

8260 VOCs
Summary of Test Results

Project Name:	SC Johnson	Date Analyzed:	08/03/07
Project Location:	Racine, Wisconsin	Concentration:	ug/L
Sample ID:	Blank	Dilution Factor:	1
Date Collected:	08/01/07	Lab Sample Number:	42762
Sample Type:	Air		

<u>Compound</u>	<u>Reporting Detection Limit</u>	<u>Quantitation Limit</u>	<u>Sample Result</u>	
1,2-Dibromoethane	0.50	1.7	< 0.50	
Chlorobenzene	0.50	1.7	< 0.50	
1,1,1,2-Tetrachloroethane	0.50	1.7	< 0.50	M
Ethylbenzene	0.50	1.7	< 0.50	
m+p-Xylene	0.50	1.7	< 0.50	
o-Xylene	0.50	1.7	< 0.50	
Styrene	0.50	1.7	< 0.50	M
Dibromofluorobenzene			99.2%	
Toluene-D8			97.6%	

M = Matrix Spike and/or Matrix Spike Duplicate recovery was outside acceptance limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: *M. Jurek*
Date: *8/9/07*

1610.33



Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718 Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

No. 017054 *

Page 1 of 1

Turn Around (circle one) Normal Rush / week

Report Due: 8/9/07

Project Number: ECI-01-2300-3057 Mail Report To: Chris H Invoice To: Northern Environ

Project Name: SC Johnson Company: Northern Environmental

Project Location: Racine, WI Address: 12075 N. CORPORATE PKWY

Sampled By (Print): John Timm Address: MEQUON, WI 53092

P.O. No.: Quote No.: Email

Table with columns: Sample Description, Collection (Date, Time), Matrix, Total Bottles, Preserv*, Analysis Requested, Comments, Laboratory Number. Row 1: BLANK, 8/1, 300pm, Air, VOC 8260B, 42762

*Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate) Relinquished By: [Signature] Date/Time: 8/2/2007 Received By: [Signature] Date/Time: 8-3-07 1000

Custody Seal: Present/Absent Intact/Not Intact Seal #'s Shipped Via: UPS Receipt Temp: Temp Blank Y N